



2023/2024

SOMOGYI ELEKTRONIC®
— since 1981 —



PRODUCT CATALOG



home
by somogyi

SAL®
SOMOGYI AUDIO LINE

www.somogyi.hu

FireAngel | NEBO | TRUE | STANLEY | Midea

Dear Partner!

We are pleased to have you holding our catalogue presenting our product range for the year 2023/2024!

Our publication faithfully reflects that, when selecting our new products, we not only took advantage of the opportunities offered by technological development, but also kept in mind market needs and trends. That is why we voted for the globally recognized MIDEA brand, which offers high-quality products at an affordable price.

We have expanded the range of HOME small household appliances, which is justly popular and one of our favorite brands, with a professional hood product line that can be installed in almost all types of kitchen, and meet all needs.

You can find new types of products in each and every product category, therefore we trust you can easily serve your customer base!

We also try to do everything we can to support you in achieving your business results in the current ever-changing and challenging economic environment. We constantly review our prices and reduce them whenever possible. In addition to our usual monthly special offer, we also announce extraordinary price reductions and assume the fees and additional costs related to waste management for the products purchased from us. We believe we will be able to further deepen our already excellent partnership, to which our completely transformed, even more efficient customer service contributes.

Our company has been devoting special attention and support to those in need and to talents who have achieved excellent sports achievements for many years. We are active partners in all events that move a wide audience and strengthen the spirit of our local community and togetherness. In the future, we are also committed to continuing our efforts in this direction. We continue to lend a helping hand to those who can move forward with our support.

We are proud to follow the extraordinary results of the tennis player Fábíán Marozsán, since our company also worked in many areas in the background so he only had to concentrate on his sports performance on his rapidly upward path. His perseverance and determination can serve as an example for all of us.

We are confident that a successful cooperation awaits us in the coming period, in order to it, our company will do everything possible! Let's bring our businesses to success together, for which we ensure the usual correct business conduct, reliability and continuous innovation!

Best regards:

Somogyi Elektronik Kft.

The recognition and positive perception of our company's own brands is constantly growing.
Our goal: to continuously renew our product range according to the newest market trends.

home
by somogyi



household appliances / heating technology / cooling technology / lighting / security systems / multi tools / tools / electronic parts

SAL
SOMOGYI AUDIO LINE



multimedia and sound technology

Other distributed brands:

FireAngel



CO detectors and alarms

NEBO



lighting technology

TRUE



knives and mini tools

STANLEY



distributor, extensions cord, cable reel, hand trolleys, heating technology

Midea



household appliances

Kitchen hood

We have expanded our range of small household appliances with an innovative hood product line, which are suitable for almost every type of kitchen. Both in appearance and function, they contain many unique innovations, including hand movement control.

KPE 9039G

KITCHEN HOOD CYCLONE

- SPCC black steel sheet + black glass
- **touch-control + gesture-control**
- three speed settings
- 1x1,5 W LED light
- **with 1 five-layer aluminum mesh, washable grease filter (KPE 6090/A) included**
- **with two-piece carbon filter set (KPE 6090/C) included**
- external or recycling ventilation
- maximum air delivery: 390 m³/h
- maximum drive output: 105 W
- air-outlet opening: 150 mm
- energy efficiency class: C
- dimensions: 89,7 x 37,3 x 40,3 cm



KPE 6039G

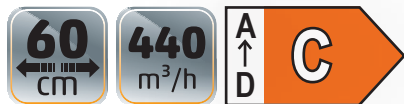
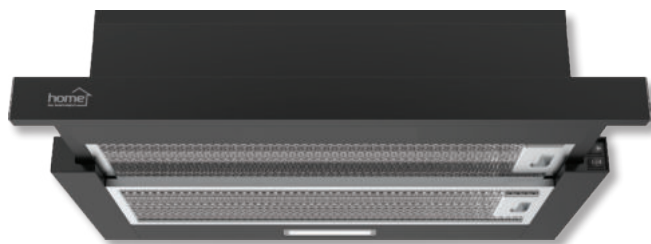
- dimensions: 59,7 x 37,3 x 40,3 cm



KPE 6044B

**KITCHEN HOOD
TWISTER**

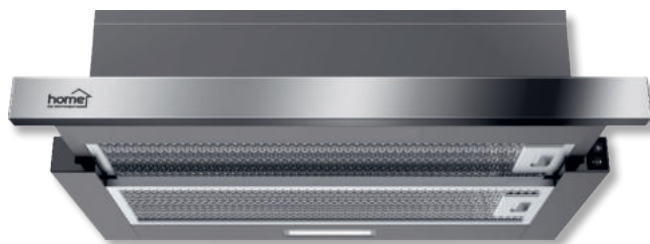
- black
- with rocker switches
- two speed settings
- 1 x 1,5 W LED light
- **with 4 triple-layer aluminum mesh, washable grease filter included (KPE 6044/A)**
- **with two-piece carbon filter set included (KPE 6044/C)**
- external or recycling ventilation
- maximum air delivery: 440 m³/h
- maximum drive output: 105 W
- air-outlet opening: 150 / 120 mm (with reducer)
- energy efficiency class: C
- dimensions: 59,5 x 25,5 x 28/42 cm



KPE 6044S

**KITCHEN HOOD
TWISTER**

- stainless steel panel + gray casing
- with rocker switches
- two speed settings
- 1 x 1,5 W LED light
- **with 4 triple-layer aluminum mesh, washable grease filter included (KPE 6044/A)**
- **with two-piece carbon filter set included (KPE 6044/C)**
- external or recycling ventilation
- maximum air delivery: 440 m³/h
- maximum drive output: 105 W
- air-outlet opening: 150 / 120 mm (with reducer)
- energy efficiency class: C
- dimensions: 59,5 x 25,5 x 28/42 cm



KPE 6038S

**KITCHEN HOOD
HURRICANE**

- stainless steel
- push-button controls (mechanical)
- three speed settings
- 1 x 1,5 W LED light
- **with 1 triple-layer aluminium mesh, washable grease filter included (KPE 60/A)**
- **with a two-piece carbon filter kit included (KPE 6038/C)**
- external or recycling ventilation
- **dual-drive design**
- maximum air delivery: 380 m³/h
- maximum drive output: 200 W
- air-outlet opening: 120 mm
- energy efficiency class: D
- dimensions: 59,7 x 14 x 50 cm



KPE 6038B

- black coated steel sheet



KPE 6038W

- white coated steel sheet



KPE 6020S

KITCHEN HOOD TORNADO

- stainless steel
- push-button controls (mechanical)
- three speed settings
- 1 x 1,5 W LED light
- with 1 triple-layer aluminium mesh, washable grease filter included (KPE 60/A)
- with a two-piece carbon filter kit included (KPE 6020/C)
- external or recycling ventilation
- maximum air delivery: 200 m³/h
- maximum drive output: 38 W
- air-outlet opening: 120 mm
- energy efficiency class: C
- dimensions: 59,7 x 50 x 14 cm



KPE 6020B

- black coated steel sheet



KPE 6020W

- white coated steel sheet



KPE 5019S

KITCHEN HOOD STORM

- stainless steel
- push-button controls (mechanical)
- three speed settings
- 1 x 1,5 W LED light
- with 1 triple-layer aluminium mesh, washable grease filter included (KPE 5019/A)
- optional: cotton filter (KPE 5019/COT)
- external or recycling ventilation
- maximum air delivery: 190 m³/h
- maximum drive output: 38 W
- air-outlet opening: 120 mm
- energy efficiency class: B
- dimensions: 49,7 x 10,5 x 48 cm



KPE 5019B

- black coated steel sheet



KPE 5019W

- white coated steel sheet



		aluminium grease filter		activated carbon filter		cotton filter	
KPE 6039G	Kitchen hood CYCLONE 60 cm, black glass	KPE 6090/A	Aluminum grease filter for CYCLONE hoods	KPE 6090/C	Activated carbon filter set (2 pcs) for CYCLONE hoods	-	-
KPE 9039G	Kitchen hood CYCLONE 90 cm, black glass					-	-
KPE 6044B	Kitchen hood TWISTER 60 cm, black	KPE 6044/A	Aluminum grease filter for TWISTER hoods	KPE 6044/C	Activated carbon filter set (2 pcs) for TWISTER hoods	-	-
KPE 6044S	Kitchen hood TWISTER 60 cm, stainless					-	-
KPE 6038B	Kitchen hood HURRICANE 60 cm, black	KPE 60/A	Aluminum grease filter for HURRICANE and TORNADO hoods	KPE 6038/C	Activated carbon filter set (2 pcs) for HURRICANE hoods	-	-
KPE 6038S	Kitchen hood HURRICANE 60 cm, stainless					-	-
KPE 6038W	Kitchen hood HURRICANE 60 cm, white					-	-
KPE 6020B	Kitchen hood TORBADO 60 cm, black			KPE 6020/C	Activated carbon filter (1 pc) for TORNADO hoods	-	-
KPE 6020S	Kitchen hood TORBADO 60 cm, stainless	-	-				
KPE 6020W	Kitchen hood TORNADO 60 cm, white	-	-	-	-	-	-
KPE 5019B	Kitchen hood STORM 50 cm, black	KPE 5019/A	Aluminum grease filter for STORM hoods	-	-	KPE 5019/COT	Cotton filter for STORM hoods
KPE 5019S	Kitchen hood STORM 50 cm, stainless			-	-		
KPE 5019W	Kitchen hood STORM 50 cm, white			-	-		



Midea - make yourself at home

The Chinese brand, founded in 1968, has now become one of the world's largest manufacturers of air conditioning and household appliances. Their goal is to make people's lives simpler and more comfortable, and to this end they constantly offer new and innovative products to the customers. Midea products are manufactured according to high quality standards and use advanced technologies such as smart control and energy saving.

150.000+
employees

in 200+
countries and regions

\$ 41,4 billion
in annual revenue

62 000
patents granted

Midea is committed to **environmental protection** and **energy efficiency** and is constantly looking for opportunities for sustainable production and green technologies. The company is happy to help its customers reduce energy consumption and transition to a sustainable lifestyle. For Midea, customer satisfaction is of primary importance, and it is based on close cooperation with customers.

**Midea offers high-quality products at affordable prices
and gives guarantee for every single product.**

As of 2023, **Somogyi Elektronik Kft.** offers products of the globally recognized **Midea brand**. Our company is the exclusive Hungarian official distributor of the small household appliance product category.

The products we sell are of **outstanding quality**, which enables our partners to satisfy the needs of their customers. We make sure we provide you the right selection so You can serve a wide customer base.



MF-TN35D

MIDEA AIR FRYER

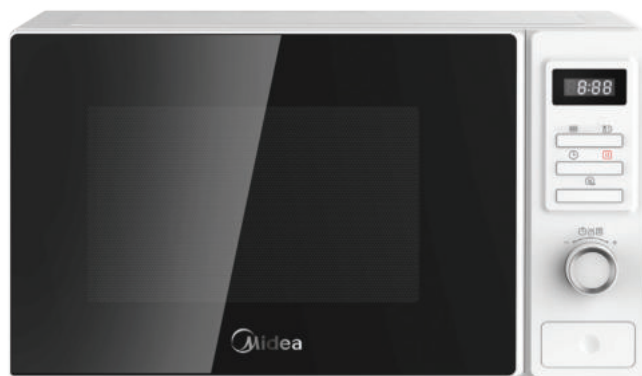
- **3.5 liter baking basket**
- switch-off timer max. 60 minutes
- adjustable temperature up to 200 °C
- output: 1500 W for fast and efficient baking



MAM720C2AT (WH)

MIDEA DIGITAL MICROWAVE OVEN

- max. 95 minutes cooking time
- **defrosting by time or weight**
- **8 automatic menus**
- 5 selectable powers
- child lock
- door opening with push button
- 20 liter oven compartment
- **max. 700 W microwave power**
- weight: 10.25 kg
- dimensions: 440 x 346 x 259 mm



MJ-KM6001W

MIDEA KITCHEN ROBOT

- shiny effect ABS plastic cover
- 4 liter stainless steel mixing bowl
- **6-speed electric speed adjustment**
- opening head part
- **accessory kneading arm, whisk, mixer**
- suction cup soles
- output: 600 W



HM0293

MIDEA HAND MIXER

- **5 speeds + turbo stage**
- simple, one-button mixer release
- **stainless steel mixing shaft, kneading arm, whisk**
- dishwasher-safe whisks
- output: 400 W



MT-RP2L09W**MIDEA
TOASTER**

- cool-touch plastic outer cover
- **stop/reheat/defrost functions by push of a button, with indicator lights**
- toasting-interruption electrically
- 6-stage timing
- **aligns the bread in the middle**
- anti-sticking of bread
- removable crumb tray
- non-slip soles
- with wire storage
- output: 800-950 W



Midea

MA-D1502AW**MIDEA
COFFEE MAKER**

- output: **1000 W**
- **1.25 liter capacity, which is equivalent to 10 cups of coffee**
- removable plastic filter
- **Pause 'n Serve function**: the valve closes automatically when the spout is removed
- water meter for accurate filling
- **warming base**
- on/off switch with indicator light
- dimensions: 26.5 x 17 x 33 cm



Midea

MK-15H01A**MIDEA
KETTLE**

- **double-walled kettle** - protection against the hot outer casing
- 1.5 liter capacity
- seamless stainless steel inner surface, easy to clean
- **rapid boiling of water**
- output: 1850 - 2200 W
- cover that opens by push of a button



Midea

MK-17G03A2**MIDEA
KETTLE, GLASS**

- **glass kettle with stainless decorative elements**
- 1.7 liter capacity
- rapid boiling of water
- output: 1850 - 2200 W
- cover that opens at push of a button
- with wire storage
- **with blue lighting in circle**



Midea

Household appliances

HG AF 24 DOUBLE BASKET HOT AIR FRYER

• **2 x 3.8 liter capacity** • **output: 2460 W** • digital control • 6 selectable modes: hot air frying, toasting, frying, drying, defrosting, reheating • **MEAL function:** two different meals are prepared in the two baskets at the same time • **DUAL function:** the same food can be prepared simultaneously in two baskets in big quantity • the baskets can be used independently • adjustable temperature and remaining time during operation • simple handling • dimensions: 39 x 31 x 35 cm



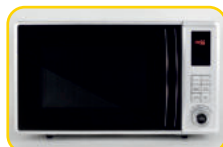
HG KS 900 BREAD OVEN

• **15 programs**, e.g. quick baking, gluten-free, whole grain or just making yogurt • **choice of bread size:** 500 g, 750 g, **900 g** • 60 minutes keep-warm function • **15-minute power failure memory** • **fingerprint-free stainless surface** • measuring cup, measuring spoon included • power supply: 220-240V~ / 50-60 Hz / **710 W** • dimensions: 28 x 29 x 32.5 cm



HG MH 23 GR MICROWAVE OVEN WITH GRILL FUNCTION

• 23 liters • **accessory grill** • with glass turntable, Ø27 cm • **output: 800 W microwave and 1000 W grill** • digital control • with red LED display • time display • operating time adjustable from 5 seconds to 95 minutes • built-in independent kitchen timer • microwave output adjustable in 5 levels • **preset programs, e.g. pizza** • defrosting by weight or time • child lock • with comfortable, large handle • dimensions: 48,5 x 29,3 x 40,5 cm • weight: 14 kg



HG MH 21 MICROWAVE OVEN

- **output: 700 W microwave**
- output is adjustable to 5 levels
- 20 liters
- with defrost function
- max. 35 minutes timer
- **with comfortable, large handle**
- dimensions: 44 x 25,9 x 35,9 cm
- weight: 10,3 kg



HG MS 10

MINI OVEN WITH THERMOSTAT

- **output: 1050 W**
- **9 liters**
- ideal for making hot sandwiches, lasagne, mini pizza, pre-baked fresh baguettes
- **baking temperature that can be adjusted with thermostat, max. 230 °C**
- max. 60-minute timer
- insulated handle
- insulated metal casing
- double glazed door
- **accessory oven rack, tray and tray holder**
- dimensions: 37,5 x 22,5 x 30,5 cm
- weight: 4 kg



HG LS 1000

AIR FRYER

- **glass lid, with built-in halogen heating and fan**
- **output: 1000 W**
- the frying condition can be easily checked through the glass lid
- easy control of cooking/baking
- adjustable baking temperature between 45 °C - 220 °C
- adjustable baking time from 1 min
- easy, safe handling
- can be used on the stainless steel inner pot of an electric pressure cooker
- **useable pots: Ø22 cm, Ø24 cm**
- easy-to-clean
- dimensions: Ø25,5 x 12 cm



HG ASZ 5

DRYER

- ideal for drying fruits, vegetables, herbs, seeds, etc
- **adjustable temperature between 35-70°C**
- 5 stackable trays
- **max. loading weight: 3.5 kg**
- excellent internal air flow
- operation indicating LED
- power supply: 230V~/ 50 Hz / 250 W
- dimensions: 31 x 21 x 25 cm



HG BA 27

PRESERVATION MACHINE

- **1800 W output**
- 27 liter enameled metal container
- suitable to sterilize max. 14 pcs 1 liter-capacity jars
- **possibility to heat max. 27 liters of liquid, boiling, keeping warm (e.g. tea, mulled wine)**
- drip-free drain tap
- mechanical thermostat
- thermostat sound signal can be switched off
- timed switch off, max. 120 minutes
- insulated handles
- accessory plastic glass holder grid
- **cable holder**
- dimensions: 46 x 43 x 48 cm



HG IF 29 INDUCTION HOTPLATE

- free-standing, portable design
- **power: 2000 W**
- heat-resistant, Ø29 cm glass-ceramic cooking surface
- usable pot size: Ø12 - Ø26 cm
- non-slip silicone soles
- touch button, simple control
- **power adjustable** in 10 levels per 200 Watts (200 W - 2000 W)
- **selectable temperature** in 20 °C increments, in 10 steps (**from 60 to 240 °C**)
- **switch-off timing: 1 minute - 3 hours**
- automatic dish recognition
- **with child lock**
- power supply: 220-240 V~ / 50-60 Hz / 2000 W
- dimensions: Ø29 x 6.4 cm



HG GR 03 ELEKTRIC GRILL

- **output: 2000 W**
- **ideal all year round, for indoor grilling**
- warms up quickly
- **incredibly easy to clean**
- adjustable cooking temperature
- **non-stick ribbed and flat surface**
- thermostable plastic handles
- stable plastic stand with rubber feet
- removable oil drip tray
- grilling surface size: 52 x 26,5 cm
- dimensions: 62 x 8,5 x 32 cm



HG R 01WH PORTABLE ELECTRIC HOTPLATE

- ideal in weekend houses, dormitories, for camping
- **output: 1500 W, heats up quickly**
- **Ø18 cm cooking zone**
- adjustable cooking temperature
- with stable rubber feet
- **massive, enameled housing**
- really easy to clean
- can fit in a small place
- dimensions: 21 x 6,5 x 25,5 cm



HG R 02WH PORTABLE ELECTRIC HOTPLATE

- ideal in weekend houses, dormitories, for camping
- **output: 2500 W, heats up quickly**
- **Ø15 cm + Ø18cm cooking zones**
- adjustable cooking temperature
- with stable rubber feet
- **massive, enameled housing**
- really easy to clean
- can fit in a small place
- dimensions: 47 x 6,5 x 25,5 cm



HG R 03SS PORTABLE ELECTRIC HOTPLATE

- ideal in weekend houses, dormitories, for camping
- **output: 1500 W, heats up quickly**
- **Ø18 cm cooking zone**
- adjustable cooking temperature
- with stable rubber feet
- **massive, enameled housing**
- really easy to clean
- can fit in a small place
- dimensions: 23 x 8,5 x 25,5 cm



HG R 04SS PORTABLE ELECTRIC HOTPLATE

- ideal in weekend houses, dormitories, for camping
- **output: 1000 W + 1500 W, heats up quickly**
- **Ø15 cm (1000 W) + Ø18 cm (1500 W) cooking zones**
- adjustable cooking temperature
- with stable rubber feet
- **massive, enameled housing**
- really easy to clean
- can fit in a small place
- dimensions: 47 x 9 x 25,5 cm



HG KG 01

MINI CONTACT GRILL

- output: 800-1000 W
- non-stick coating
- easy to clean
- **parallel baking plates that adapt to the meal height**
- overheating protection
- baking plate dimensions: 230 x 145 mm
- dimensions: 27 x 7,5 x 24 cm



HG P 01

SANDWICH MAKER PANINI

- output: 750 W
- **two smaller sandwiches or one large sandwich can be prepared at the same time**
- power light / ready for grill light
- **non-stick grill plates**
- easy to clean
- dimensions: 23 x 9 x 21 cm



HG SZ 02

SANDWICH MAKER

- output: 750 W
- **two sandwiches can be prepared at the same time**
- power light / ready for grill light
- **non-stick grill plates**
- easy to clean
- cable holder
- dimensions: 22 x 9,5 x 22 cm



HG GS 21

WAFFLE MAKER

- output: 750 W
- two waffles can be prepared at the same time
- under power / ready for baking light
- **non-stick plates**
- easy to clean
- dimensions: 22 x 7,5 x 23 cm



HG GK 04

WAFFLE CUP MAKER

- output: 520 W
- **4 pcs cup-shape waffles can be prepared at the same time**
- red indicator light
- **non-stick baking surface**
- easy to clean
- cable holder
- dimensions: 16 x 9 x 22 cm



HG BG 30

BUBBLE - WAFFLE MAKER

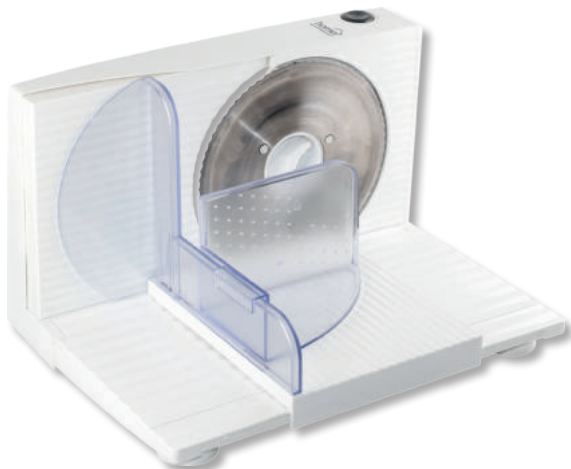
- output: 900 W
- **makes one hexagonal bubble waffle consisting of 30 waffle bubbles at once**
- powered / ready for use indicator lights
- **non-stick baking surface**
- easy to clean
- cable holder
- dimensions: 21 x 11 x 26 cm



HG SIZE 01

SLICER

- **output: 150 W** • steplessly adjustable slicing thickness (0-15 mm) • stainless steel rotating blade, Ø170 mm • **non-slip soles** • safety switch • foldable, easy-to-store
- **recessed cable holder** • overheating protection • length of power cable: 85 cm • dimensions: opened: 26 x 20 x 33 cm, folded: 9,5 x 20 x 33 cm



HG KP 42

4-SLICE TOASTER

- **output: 1400 W** • four slices of bread can be toasted at the same time • intelligent toasting • automatic center alignment • defense against bread jamming • **roasting adjustable in 7 levels** • CANCEL button to stop toasting • reheating and defrosting functions • **bun warmer included** • **easy-to-clean crumb tray** • dimensions: 38,2 x 14,4 x 17,2 cm



HG KP 01

TOASTER

- output: 750 W
- two slices of bread can be toasted simultaneously
- **toasting is adjustable in 7 stages**
- STOP button to cancel toasting
- **easy to clean crumb tray**
- length of power cable: 85 cm
- dimensions 23 x 15,5 x 14,5 cm



HG KP 22

2-SLICE TOASTER

- **output: 750 W** • slices of bread can be toasted at the same time • intelligent toasting • automatic center alignment • defense against bread jamming • **roasting adjustable in 7 levels** • CANCEL button to stop toasting • reheating and defrosting functions • **bun warmer included** • **easy-to-clean crumb tray** • dimensions: 26 x 14,4 x 17,2 cm



HG M 05

KITCHEN SCALE

- **measurement range: 5 kg**
- **measurement accuracy: 1 g**
- tare function
- units g/oz, lb; water ml/cup; milk ml/cup
- non-slip soles
- automatic switch off
- **low power indication**
- overload indication
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 20 x 18 x 1,7 cm



HG M 15

KITCHEN SCALE

- **with red LED display**, which is visible even during measurement
- **measurement range: 15 kg**
- **measurement accuracy: 1 g**
- tare function
- units kg/ lb / g
- non-slip soles
- automatic switch off
- **low power indication**
- overload indication
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 27 x 25 x 1,8 cm



HG HD 1300 MEAT GRINDER

- maximal output: 1300 W
- **grinding capacity: max. 1600 g/minute** (3 mm fine, 5 mm normal, 7 mm rough)
- stainless steel knife
- stainless steel tray
- accessory sausage filler and kibbeh maker
- **rotation direction change**
- non-slip soles
- power supply: 230 V / 50 Hz
- dimensions: 26 x 15,4 x 30,4 cm



HG HD 1300/PP TOMATO MASHER

- tomato masher for HG HD 1300 appliance
- suitable for mashing tomato or other fruit



HG HD 1300/SZ SLICER, GRINDER SET

- slicer, grinder set for HG HD 1300 appliance
- 3 types of insets: slicer, apple grater, walnut grinder



HG AP 18 MULTIFUNCTIONAL CHOPPER

- durable 1.8 litre glass bowl, non-scratch
- 4-bladed stainless steel knife for efficient chopping: suitable for meat, vegetables, fruit, peanuts, nuts, etc.
- STOP function: the knife stops almost immediately
- easy one-button control
- quick to dismantle, easy to clean
- **accessories: 4-bladed knife, kneading lever, whisking disc, peeling roller (for garlic)**
- power supply: 220-240 V~ / 50 Hz / 400 W
- dimensions: 21,8 x 25,8 x 18 cm



HG AP 13 CHOPPER

- **output: 320 W**
- stainless steel knives
- **1 liter glass bowl**
- easy to use
- easy to clean
- overheating protection
- dimensions 19 x 22 x 16 cm



HG TM 01 DIGITAL CORE THERMOMETER

- **measuring range: -50 °C to + 300 °C**
- **15 cm probe**
- temperature display in 0,1 °C/°F steps, in °C or °F
- on/off switch
- power supply: 1 x 1,5 V (LR44) button cell, included
- dimensions: 26 x 3 x 1,5 cm



HG BM 12

HAND BLENDER

- **output: 250 W**
- ergonomic grip
- **stainless steel blender**
- made of ABS
- **high speed (15.000 / min)**
- mixing shaft can be removed easily
- easy to clean
- overheating protection
- dimensions: Ø6,5 x 35 cm



HG BMS 64

HAND BLENDER SET

- **output: 600 W**
- **accessory stainless steel mixer, measuring cup, egg-beater and chopper with bowl**
- 2 speed stages
- ergonomic grip
- **easy to assemble**
- stainless steel knives
- **easy to clean**
- overheating protection
- capacity of chopper with bowl: 600 ml
- capacity of measuring cup: 700 ml



HG VF 05

ELECTRIC KETTLE

- **output 2000 W**
- **1,2 liter water tank**
- **liquid level can be seen from both sides**
- **drip-free pouring**
- removable water filter
- 360° rotatable stand
- **hidden heating thread**
- insulated handle
- easy to clean
- overheating protection
- dimensions: Ø14 x 21 cm



HG KM 18

HAND MIXER

- **output: 250 W**
- **5 speed stages**
- TURBO stage
- egg-beater and kneading hooks are included
- **adjustable on kitchen counter**
- **easy to clean**
- overheating protection
- dimensions: 14 x 20 x 9 cm



HG VF 04

ELECTRIC KETTLE

- **2000 W output**
- **1,7 liter water tank**
- double-walled, stainless steel, plastic design
- liquid level can be seen from both sides
- drip-free pouring
- removable water filter
- 360° rotatable stand
- **hidden heating thread**
- insulated handle
- easy to clean
- overheating protection
- dimensions Ø16 x 24 x 26 cm



CF 132

COFFEE MAKER FOR 3 PERSONS

- **italian design**
- aluminum material
- heat resistant handle

The product is only available in the colors shown in the photo while stocks last!



PEDRINI

HG PR 06

ESPRESSO COFFEE MACHINE

- output: 800 W, 3,5 bar pump pressure
- **suitable to prepare 4 cups of espresso coffee**
- **with milk frother** to make cappuccino
- red indicator light
- glass carafe with thermally insulated handle
- **removable drip tray**
- easy to clean
- non-slip silicone soles
- overheating protection
- dimensions: 17 x 32 x 23,5 cm



HG PR 06/K

GLASS CARAFE FOR HG PR 06 ESPRESSO COFFEE MACHINE



HG KV 06

COFFEE MAKER

- output: 730-870 W
- **suitable to prepare 8 cups of coffee**
- 1 liter capacity water tank
- glass carafe with insulated handle
- washable, plastic permanent filter
- can be used with paper filter as well
- **heated, keeping-warm plate**
- automatically closing valve by removing the carafe
- easy to clean
- non-slip silicone soles
- overheating protection
- dimensions: 21 x 28,5 x 16 cm



HG KD 75

COFFEE GRINDER

- **output: 150 W**
- stainless steel tank and blades
- **grinding capacity: 75 g coffee beans**
- simple, safe handling
- easy to clean
- dimensions: Ø10,5 x 19 cm



HG TH 150

MILK FROTHER

- output: 450-550 W
- **hot milk/foam maker with thermostatic control**
- **make hot milk from 300 ml, or milk foam from 150 ml milk**
- stainless steel/plastic double wall design
- non-stick inner surface
- easy to clean
- **heating to 65 °C**
- dimensions: 10 x 20 x 15,5 cm



VIDEO



GD 160

PEDRINI ELECTRICAL MILK FROTHER, MIXER

- power supply: **2 x 1.5 V (AA) batteries**, not included
- material: metal
- dimensions: 3.5 x 21 x 2.5 cm



PEDRINI

10-104-007

COFFEE POT

- **600 ml capacity**
- non-stick stone coating
- **dishwasher safe**



NAVA®

0APE039

STAINLESS POT, PRESSURE COOKER

- diameter: 22 cm
- capacity: 5 liters
- cover part with quick lock with three safety valves, which prevents opening under pressure
- 3-layer steel-aluminum-steel base
- can be used on an induction hob
- with reduced energy consumption
- BPA FREE
- 18/10 stainless steel



PEDRINI

10-144-130

LOW CASSEROLE

- 28 cm diameter
- non-stick stone coating
- induction compatible
- glass lid
- dishwasher safe



NAVA®

10-144-122

SAUCEPAN

- 28 cm diameter
- non-stick stone coating
- induction compatible
- glass lid
- dishwasher safe



NAVA®

10-144-120

SAUCEPAN

- 20 cm diameter
- non-stick stone coating
- induction compatible
- glass lid
- dishwasher safe



NAVA®

10-144-110

WOK PAN

- 28 cm diameter
- non-stick stone coating
- induction compatible
- dishwasher safe
- hanging ring



NAVA®

10-144-103

PAN

- 28 cm diameter
- non-stick stone coating
- induction compatible
- dishwasher safe
- hanging ring



NAVA®

10-144-112

FRY PAN

- 24 cm diameter
- non-stick stone coating
- induction compatible
- dishwasher safe
- hanging ring



NAVA®

10-144-100

PAN

- 20 cm diameter
- non-stick stone coating
- induction compatible
- dishwasher safe
- hanging ring



NAVA®

0147-320

CHEESE AND WALNUT GRATER

- easy use
- **with stainless steel drum**
- ergonomic design
- can also be washed in a dishwasher
- Italian quality



PEDRINI

0152-420

DECORATING TUBE

- decorating tube **with five heads**
- plastic
- Italian quality



PEDRINI

0267-820

CAN OPENER

- **cutting head made of hardened steel**
- easy to use
- Italian quality



PEDRINI

03GD259

PLASTIC FOAM CARD

- **packaging of three pieces**
- for decorating cakes and smoothing fondants
- flexible plastic
- easy to use
- can also be washed in a dishwasher
- Italian quality



PEDRINI

HG FMZ 18

BATHROOM SCALE

- **maximum load capacity: 180 kg**
- measurement accuracy: 0,1 kg
- **body fat, body water, muscle mass, bone mass measurement**
- **automatic switch on and off**
- battery status and overload indicator
- in memory storage of 10 users
- available measurement units: kg/lb/st
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 30 x 30 cm



HG FM 12

BATHROOM SCALE

- **measurement limit: 180 kg**
- measurement accuracy: 100 g
- automatic on/off switch
- battery status and overload indication
- **LCD display: 62 x 26 mm**
- power supply: 2 x 1,5 V (AAA) battery, not included
- dimensions: 28 x 28 x 2 cm



HG HSZ 22

HAIR DRYER

- **output: 1800-2200 W**
- 2 speed stages
- 3 temperature stages
- **cold air function**
- hanging design
- air concentrator for concentrated air flow
- dimensions: 30 x 26 x 9 cm



HG HSZ 18

HAIR DRYER

- **output: 1400 W**
- **foldable handle**
- hanging design
- two stages for efficient hair drying
- air concentrator for concentrated air flow
- dimensions 19 x 23 x 7,5 cm



HG HS 12

HAIR AND BODY HAIR TRIMMER SET

- **wired and wireless use**
- 5 replaceable heads: wide, standard and precision cutting head, nose hair trimmer, razor
- 7 plastic combs: hair clipper 3, 6, 9, 12 mm / beard trimmer 4, 6, 8 mm
- **charging indicator LED**
- 60-minute operation with 2-hour charging
- built-in Li-ion battery
- charging and storage stand, mains adapter included



HG TR 01

NOSE HAIR TRIMMER

- **nose and ear hair, and eyebrow trimmer**
- micro-cut system
- eyebrow comb (2 sizes) and cleaning brush included
- power supply: 1 x 1,5 V (AA) battery, not included
- dimensions: Ø2,5 x 16 cm



HG V 22

CERAMIC SOLEPLATE IRON

- **output: 1850-2200 W**
- **ceramic coated soleplate**
- self-cleaning function
- steaming and vertical steam-shot functions
- water spray function
- heating indicator light
- flexible power cable connection
- approx. 160 ml water tank
- dimensions: 25,5 x 13,5 x 10 cm



HG RG 1000

PORTABLE HANDHELD FABRIC STEAMER

- **output: 1000 W**
- stainless soleplate
- **removable 100 ml water tank**
- horizontal and vertical steaming
- steam brush for thick materials
- ~15g/min steaming capacity
- **quick warm-up**
- heating indicator light
- **folding handle, easy to store**
- dosing cup and textile storage bag included
- dimensions:
with unfolded handle: 18 cm x 18 cm x 9 cm
with folded handle: 19,5 cm x 10 cm x 9 cm



ACCESSORIES



VIDEO



Dry-wet vacuum cleaner and accessories

DXV20P

DEWALT DRY-WET VACUUM CLEANER

- **tank capacity: 20 liters**
- 15 KPa suction power (230 V~)
- air delivery: 37.8 liters / second
- throat tube: Ø48 mm x 2,1 m
- accessories: throat tube, extension tube, Clean Connect™ filter, dust bag, general head, floor cleaning head, crevice suction head, mesh storage bag for the accessories
- type of dust bag: DXVA19-4204
- rubber-insulated mains cable, 3 m
- power supply: 230 V~ / 50 Hz / 1050 W



DEWALT

DXV20PTA

DEWALT DRY-WET VACUUM CLEANER

- **tank capacity: 20 liters**
- 15 KPa suction power (230 V~)
- air delivery: 37.8 liters / second
- throat tube: Ø48 mm x 2,1 m
- **with appliance socket (230 V~ / 50 Hz) for additional machines**
- accessories: throat tube, extension tube, Clean Connect™ filter, dust bag, general head, floor cleaning head, crevice suction head, round brush head, mesh storage bag for the accessories
- type of dust bag: DXVA19-4204
- rubber-insulated mains cable, 3 m
- power supply: 230 V~ / 50 Hz / 1050 W



DEWALT

DXV25S

DEWALT DRY-WET VACUUM CLEANER

- **stainless steel housing**
- **tank capacity: 25 liters**
- 15 KPa suction power (230 V~)
- air delivery: 37.8 liters / second
- throat tube: Ø48 mm x 2,1 m
- accessories: throat tube, extension tube, Clean Connect™ filter, dust bag, general head, floor cleaning head, crevice suction head, mesh storage bag for the accessories
- type of dust bag: DXVA19-4204
- rubber-insulated mains cable, 3 m
- power supply: 230 V~ / 50 Hz / 1050 W



DEWALT

DXV30SAPTA

DEWALT DRY-WET VACUUM CLEANER

- **stainless steel housing**
- **tank capacity: 30 liters**
- 15 KPa suction power (230 V~)
- air delivery: 37.8 liters / second
- throat tube: Ø48 mm x 2,1 m
- **with appliance socket (230 V~ / 50 Hz) for additional machines**
- accessories: throat tube, extension tube, Clean Connect™ filter, dust bag, general head, floor cleaning head, crevice suction head, round brush head, mesh storage bag for the accessories
- type of dust bag: DXVA19-4201
- rubber-insulated mains cable, 3 m
- power supply: 230 V~ / 50 Hz / 1050 W



DEWALT

DXVA19-1202 DEWALT VACUUM CLEANER EXTENSION TUBE, 48 MM



DEWALT

DXVA19-1300 DEWALT VACUUM CLEANER HEAD, UTILITY HEAD, 48 MM



DEWALT

DXVA19-1400 DEWALT VACUUM CLEANER HEAD, CREVICE SUCTION HEAD, 48 MM



DEWALT

DXVA19-1900D DEWALT VACUUM CLEANER HEAD, FLOOR CLEANING HEAD, 48 MM



DEWALT

DXVA19-2400 DEWALT VACUUM CLEANER HEAD, ROUND BRUSH, 48 MM



DEWALT

DXVA19-2558 DEWALT VACUUM CLEANER THROAT TUBE 48 MM X 2.1 M



DEWALT

DXVA19-4201 DEWALT DUST BAG 23 LITERS-38 LITERS, 3 PCS



DEWALT

DXVA19-4204 DEWALT DUST BAG 20 LITERS-30 LITERS, 3 PCS



DEWALT

DXVA19-5158 DEWALT MESH STORAGE BAG FOR THE ACCESSORIES



DEWALT

DXVC4001 DEWALT FILTER, TRADITIONAL



DEWALT

Cooling technology

ACH 12000 COOLING-HEATING MOBILE AIR CONDITIONER

- local air conditioning equipment
- ideal for 26 m² premises
- **4 operating modes: cooling, fan, drying, heating**
- on and off timer (24 h)
- all functions can be controlled remotely
- **can be controlled remotely from the phone with the Smart Life application** (WiFi 2.4 GHz)
- cooling / heating power: 3.5 kW / 3.3 kW
- maximum drying capacity: 36 l/24 h
- remote control power supply: 2 x 1.5 V (AAA) batteries, not included
- power supply: 220-240 V~ / 50 Hz / 1370 W
- dimensions: 44 x 82 x 35 cm
- weight: net 27 kg
- **energy efficiency class: cooling: A / heating: A+**



Attention! Fire danger!

WARNING!

The appliance is filled with propane gas (R290).
The device must be installed, used and stored in an area of at least 11,8 m²!

ACM 12000

PORTABLE AIR CONDITIONER

- local air conditioner appliance
- **ideal for 26 m² premises**
- **3 operation modes: cooling, drying, ventilation**
- timer switch on and off (24 h)
- all functions are remote controllable
- easy to see-through interface
- accessory water drain tube
- **cooling output 3,5 kW / 12000 BTU / h**
- maximal drying output 36 l / 24 h
- noise level: 65 dB(A)
- refrigerant R290
- 220-240 V~ / 50 Hz / 1370 W
- dimensions: 44 x 82 x 35 cm
- weight: net 27 kg
- energy rating: A



Attention! Fire danger!

WARNING!

The appliance is filled with propane gas (R290).
The device must be installed, used and stored in an area of at least 11,7 m²

ACM 9000

PORTABLE AIR CONDITIONER

- local air conditioner appliance
- **ideal for 20 m² premises**
- **3 operation modes: cooling, drying, ventilation**
- timer switch on and off (24 h)
- all functions are remote controllable
- easy to see-through interface
- accessory water drain tube
- **cooling output 2,64 kW / 9000 BTU / h**
- maximal drying output 21,6 l / 24 h
- noise level: 65 dB(A)
- refrigerant R290
- 220-240 V~ / 50 Hz / 1000 W
- dimensions: 42 x 80 x 35 cm
- weight: net 25 kg
- energy rating: A



Attention! Fire danger!

WARNING!

The appliance is filled with propane gas (R290).
The device must be installed, used and stored in an area of at least 11,2 m²

WSL 4

WINDOW INSULATION FOR MOBILE AIR CONDITIONING

- **it helps keep the cold in and the heat out with an open window**
- easy installation with Velcro
- can be fitted to all tilt and turn window types
- **connection of outlet hose via zipper**
- durable material
- length: 4 m
- self-adhesive Velcro included
- excellent for use with mobile air conditioners



LHP 800i

AIR COOLER WITH REMOTE CONTROL

- can be controlled with touch buttons and remote control
- switchable environmentally friendly air cooling by evaporating water
- 2 ice packs included
- **switchable ionizer function**
- 3 fan speed stages
- 3 fan modes: normal, natural wind, sleep
- switchable air deflection
- switch off timer: 0,5-7,5 hours
- easy to roll on wheels, can be braked
- water tank capacity: 3 L
- replaceable vaporizer mat (LHP 800i/T)
- power supply: 230 V~ / 50 Hz / 80 W
- dimensions: 33,5 x 80,5 x 23,5 cm
- appliance weight when empty: 4,9 kg



LHP 800i/T

VAPORIZER MAT FOR LHP 800i/T



LHP 400

AIR COOLER WITH REMOTE CONTROL

- built-in water tank
- **freezer packs included**
- replaceable vaporizer mat (LHP 400/T)
- adjustable fan output (3 stages)
- 3 fan modes: normal, natural wind, sleep
- switchable air control blades
- switch-on timer: 1-7 hours
- **controllable with remote control**
- ergonomic carrying handle
- rolling on wheels
- power supply: 230V~ / 50 Hz
- dimensions: 25 x 58 x 28 cm



LHP 400/T

VAPORIZER MAT FOR LHP 400



LH 300

AIR COOLER

- built-in water tank (3 l)
- **freezer packs included**
- replaceable vaporizer mat (LH 300/T)
- adjustable ventilator output (3 stages)
- switchable air blades
- ergonomic carrying handle
- rolling on castors, lockable
- power supply: 230 V~ / 50 Hz / 80 W
- dimensions: 25 x 58 x 28 cm



LH 300/T

VAPORIZER MAT FOR LH 300



LH 5

MINI AIR COOLER

- **evaporative cooling technology**
- easy-to-replace vaporizer insert (LH 5/T)
- adjustable deflectors: horizontal or slightly upward airflow
- 300 ml water tank with peephole
- **easy-to-fill water tank on the side of the appliance**
- pushbuttons with microswitch
- 3 fan speeds
- level indicator white LEDs
- included USB - micro USB cable
- power supply: USB 5 V~ / 5 W
- dimensions: 13,7 x 18 x 14,1 cm



LH 5/T

HUMIDIFIER INSERT FOR LH 5 MINI AIR COOLER



CMF 64 CENTRIFUGAL HUMIDIFIER FAN

- nominal blade diameter: 64 cm
- 49 L water container capacity
- stepless adjustable humidification: 0-5 L/hour
- maximum air mass volume: 145 m³/minute
- effective humidification: 10 m
- 3 fan speed
- easy conversion to oscillating mode
- adjustable head tilt angle
- easily moveable due to its carrying handles and wheels
- power supply: 230 V~ / 50 Hz / **260 W**
- dimensions: Ø65 x 57 x 200 cm

The product is packed in 3 boxes:

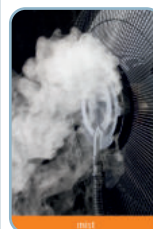
- CMF 64/A
- CMF 64/B
- CMF 64/C

Please order separately the packaging units!



SFM 41/BK MIST FAN

- nominal blade diameter: 40 cm
- 3 fan speed
- operation modes: normal, natural, sleep
- continuous humidification that can be activated independently
- dimensions of water tank: 3,2 l
- humidification: max. 200 ml/h
- LED display and remote control
- adjustable head tilt angle
- 0,5 - 7,5 hour fan switch off timer
- switchable 75° oscillation
- power supply: 230 V~ / 50 Hz / **75 W**
- dimensions: Ø44 x 125 x 40 cm



SFM 40/WH MIST FAN WITH REMOTE CONTROL

- nominal fan blade diameter: 40 cm
- 3 fan speed
- operation modes: normal, natural, night
- 3 humidifyin stages, switchable independently from the fan
- switchable oscillation 75°
- adjustable tilt angle
- 0,5 - 7,5 hour shut down timer
- water tank size: 3 l (12 hour humidifying)
- LED display and remote control
- touch buttons
- easy to roll on its wheels
- power supply: 220-240 V~ / 50 Hz / **90 W**
- dimensions: Ø43 x 121 x 38 cm



TWFR 90

TOWER FAN

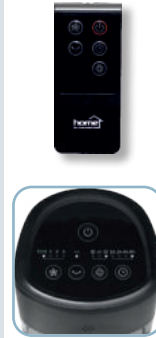
- controllable with push-buttons and remote control
- 3 speed stages
- normal, natural wind and sleep modes
- **switch-off timer: 1-8 hours**
- switchable oscillation
- power supply: 220-240 V~ / 50 Hz / **60 W**
- dimensions: Ø310 x 900 mm



TWFR 100

TOWER FAN

- controllable with push-buttons and remote control
- white LED indicators
- normal, natural wind and sleep modes
- 3 speed stages and ECO mode
- switch-off timer: 1-15 hours
- switchable oscillation, 85°
- power supply: 230 V~ / 50 Hz / **45 W**
- dimensions: Ø30 x 101,3 cm



TWFR 110

TOWER FAN

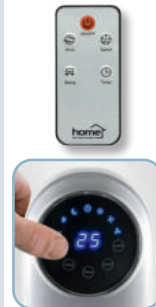
- low space requirement, high tower fan
- **touch panel and remote control**
- 3 operation modes: normal, natural, sleep
- adjustable output (3 stages)
- **1-15-hours switch off timer**
- switchable oscillation (50°)
- power supply: 230 V~ / 50 Hz / **45 W**
- dimensions: Ø17 x 112 cm / 3,8 kg



TWFR 120

TOWER FAN

- with luminuous, blue display
- **displays the room temperature**
- **touch panel and remote control**
- 3 operation modes: normal, natural, sleep
- adjustable output (3 stages)
- 1-12-hours switch off timer
- switchable oscillation (75°)
- power supply: 230 V~ / 50 Hz / **50 W**
- dimensions: Ø34 x 120 cm



TWFR 74

TOWER FAN

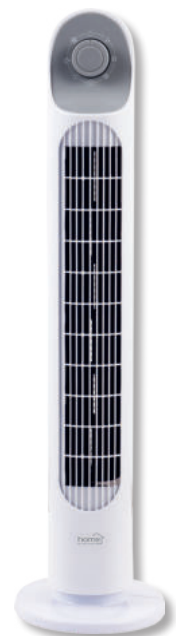
- controllable with push-buttons and remote control
- 3 operation modes: normal, natural, sleep
- adjustable output (3 stages)
- 0,5 - 7,5 hours switch off timer
- switchable oscillation (75°)
- power supply: 230 V~ / 50 Hz / **50 W**
- dimensions: Ø22 x 74 cm



TWF 821

TOWER FAN

- space-saving tower fan
- **easy to assemble without the need of tools**
- **selection of power level and oscillation mode with a rotary knob**
- 3 speeds
- oscillation 85°
- recessed carrying handle
- power supply: 230 V~ / 50 Hz / **40 W**
- dimensions: 20,5 x 22 x 82 cm



SFR 20

STANDING FAN

- nominal blade diameter: 20 cm
- vertical airflow with manual head adjustment
- touch panel and remote control
- white LED display
- the display switches off after 2,5 minutes
- 3 speed stages
- 3 fan modes (normal, natural wind, night)
- 70° oscillation to right / left
- switch off timer 1-15 h
- stable base, steel frame
- power supply: 230 V~ / 50 Hz / **50 W**
- dimensions: Ø32 x 88 cm

VIDEO



SFR 40 3D

STANDING FAN WITH 3D OSCILLATION

- nominal blade diameter: 40 cm
- adjustable height: 115 - 130 cm
- adjustable output (3 stages)
- wind functions: normal, natural, sleeping
- selectable horizontal, vertical or 3D oscillation
- 5 pcs transparent blades
- 12 hour switch off timer
- LED display
- with remote control
- power supply: 230 V~ / 50 Hz / **60 W**
- dimensions: Ø45 x 130 x 44 cm

VIDEO



SFS 40

STANDING METAL FAN

- nominal fan blade diameter: 40 cm
- adjustable height (90 - 120 cm)
- adjustable output (3 stages)
- switchable oscillation (85°)
- adjustable tilt angle of head (+/- 15°)
- metal blades
- power supply: 230 V~ / 50 Hz / **50 W**
- dimensions: 40 x 120 cm



SFI 45

STANDING METAL FAN

- nominal fan blade diameter: 45 cm
- adjustable height (108 - 143 cm)
- adjustable output (3 stages)
- adjustable tilt angle of head (90°)
- metal blades
- dense grid
- power supply: 230 V~ / 50 Hz / **100 W**
- dimensions: 56 x 143 cm



SF 43 WH

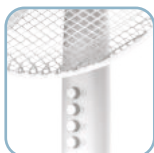
STANDING FAN

- nominal fan blade diameter: 40 cm
- with mechanical push buttons
- 3 speed stages
- switchable oscillation
- adjustable tilt angle of head
- adjustable height: 100 - 120 cm
- power supply: 220-240 V~ / 50 Hz / 45 W
- dimensions: 60 x 120 x 60 cm



SF 43 BK

- black



SFP 42

STANDING FAN WITH REMOTE CONTROL

- nominal blade diameter: 40 cm
- controlled by electronic push buttons and remote control
- blue LED-indicators
- 3 speeds
- normal, natural wind and night mode
- off timer 0.5-7.5 hours
- remote controlled oscillation
- adjustable head tilt angle
- adjustable height: 109 - 129 cm
- power supply: 220-240 V~ / 50 Hz / 40 W
- dimensions: Ø42 x 129 cm



TFS 25

METAL TABLE FAN

- **nominal blade diameter: 25 cm**
- silver galvanized coating
- 4 fan blades
- **strong spiral metal grid**
- 3 speed stages
- switchable oscillation
- **adjustable tilt angle of head**
- stable, circular base
- power supply: 220-240 V~ / 50 Hz / **30 W**
- dimensions: Ø29 x 42 cm



TF 311

DESK FAN

- **nominal fan blade diameter: 30 cm**
- adjustable output (3 stages)
- switchable oscillation (90°)
- adjustable tilt angle of head
- **white blades**
- power supply: 230 V~ / 50 Hz / **40 W**
- dimensions: 34,5 x 47 cm



TF 32/BK

DESK FAN

- **nominal fan blade diameter: 30 cm**
- adjustable output (3 stages)
- switchable oscillation (90°)
- adjustable tilt angle of head
- **transparent blades**
- power supply: 230 V~ / 50 Hz / **40 W**
- dimensions: 34,5 x 50 cm



TF 231

DESK FAN

- **nominal fan blade diameter: 23 cm**
- adjustable output (2 stages)
- switchable oscillation (90°)
- adjustable tilt angle of head
- **white blades**
- power supply: 230 V~ / 50 Hz / **21 W**
- dimensions: 27 x 39 cm



TF 23 TURBO

DESK AND WALL FAN

- **nominal fan blade diameter: 23 cm**
- 3 fan speeds, rotary switch
- 90° tiltable head
- accessory studs and screws for wall mounting
- power supply: 230 V~ / 50 Hz / **50 W**
- Its air speed is twice as large as the TF 23 fan with same blade diameter, distributed by Somogyi Electronic Ltd.
- dimensions: 26 x 28 x 17 cm



WFM 2

WALL FAN

- **nominal blade diameter: 18 cm**
- 3 fan blades
- **rotary and cord switches**
- 3 speeds
- **oscillation option**
- adjustable tilting
- screws and dowels included
- power supply: 220 - 240 V~ / 50 Hz / **30 W**
- dimensions: Ø26 x 38,8 x 31-35 cm



TF 14B

BATTERY POWERED TABLE FAN

- **nominal blade diameter: 14cm**
- high quality materials
- **4 fan speeds**
- head tilting up / down
- **switchable oscillation, 60°**
- electronic push button
- white indicator LEDs
- 4000mAh battery capacity
- 3,5 to 12 hours operating time (at high / low power)
- 3 to 4 hours charging time **with the fan working while charged**
- fan power: 5 W
- USB cable included
- dimensions: 16 x 29 x 14 cm

VIDEO



CLF 10/BK

BATTERY POWERED CLIP-ON FAN

- **nominal blade diameter: 14cm**
- **optional clipping on a shelf (max. 25mm) or placement on a table top**
- 3 fan speeds
- **head adjustable in any direction**
- electronic push button
- indicator LED
- Li-ion, 18650, 1800mAh battery
- 3 to 6 hours operating time (at high / low power)
- ~3 hours charging time **with the fan working while charged**
- USB cable included
- dimensions: 15 x 19 x 13 cm

VIDEO



HF 9/WH

HAND-HELD, RECHARGEABLE FAN

- **nominal blade diameter: 9 cm**
- **can be used hand-held or on the desk holder**
- 4 transparent plastic blades
- **3 fan speed**
- accessory USB charging wire (80 cm)
- accessory Li-ion battery: 18650/3,7 V /1200 mAh
- charging, switched-on state indicator LEDs
- output: **4 W**
- dimensions: Ø10,5 x 22 x 6,5 cm



HF 10/T

HAND-HELD, RECHARGEABLE FAN

- **nominal blade diameter: 10 cm**
- rechargeable hand-held fan with built-in accumulator (Li-ion/3,7 V/1200 mAh)
- **can be pulled back to its case, can be conveniently stored in a bag or glove box**
- **with soft, thin blades**
- 5 hours operation time
- **can also be used as a PowerBank if needed (5 V/1000 mA)**
- accessory USB / micro USB charger cable
- charging, switched-on state
- indicator LEDs
- dimensions: Ø10 x 3,5 x 22 cm during use
3,5 x 3,5 x 12 cm folded



TF 10 USB

DESK FAN, USB

- **nominal fan blade diameter: 10 cm**
- 1 fan speed
- 4 pcs transparent plastic blades
- power supply from USB socket: 5 V / 500 mA / **2.5 W**
- recommended adapter: SA 24USB, NV 2100 USB, SA 20QCPD, not included
- **with 1,4 m USB cable**
- dimensions: 14,5 x 15 x 9,5 cm
- black



TF 10 USB/WH

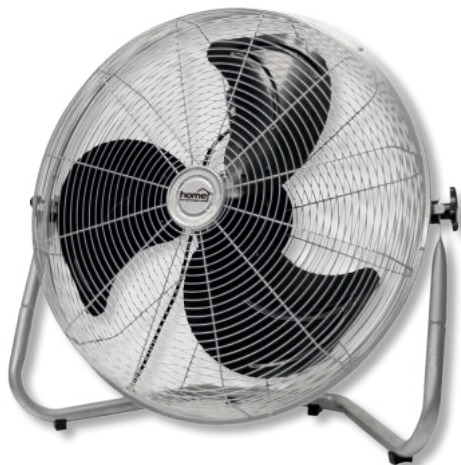
DESK FAN, USB

- **nominal fan blade diameter: 10 cm**
- 1 fan speed
- 4 pcs transparent plastic blades
- power supply from USB socket: 5 V / 500 mA / **2.5 W**
- recommended adapter: SA 24USB, NV 2100 USB, SA 20QCPD, not included
- **with 1,4 m USB cable**
- dimensions: 14,5 x 15 x 9,5 cm
- white



PVR 35 FLOOR FAN

- nominal fan blade diameter: 35 cm
- adjustable output (3 stages)
- adjustable tilt angle of head (90°)
- metal blades
- massive chrome plated protective grid
- power supply: 230 V~ / 50 Hz / 60 W
- dimensions: 46 x 46 x 20 cm



PVR 50 FLOOR FAN

- nominal fan blade diameter: 50 cm
- adjustable output (3 stages)
- adjustable tilt angle of head (90°)
- metal blades
- massive chrome plated protective grid
- power supply: 230 V~ / 50 Hz / 120 W
- dimensions: 60 x 58 x 25 cm



PVR 30B RECHARGEABLE FLOOR FAN

- nominal blade diameter: 30 cm
- continuously controllable speed
- adjustable angle (90°)
- metal fan blades
- massive metal grille
- battery indicator LEDs
- USB outlet for charging other devices
- equipped with adapter: PRI: 110 - 240 V / 50/60 Hz / 0,8 A, SEC: 24 V $\overline{\text{---}}$ / 1,5 A
- built-in Li-ion battery: 8 db 2000 mAh, 18650 battery / 44,4 Wh
- IPX4 protection against splashing water
- dimensions: 43 x 38 x 18 cm



PVRO 40 FLOOR FAN, OSCILLATING

Circulating motion of the axis can be switched on separately within the guard grid, (precession). Thus, the fan blows the air at a greater angle.

- nominal fan blade diameter: 40 cm
- controllable speed (3 stages)
- adjustable tilt angle of head (90°)
- metal blades
- length of power cable: 1,2 m
- power supply: 230 V~ / 50 Hz / 60 W
- dimensions: 54 x 50 x 26 cm



PRECESSIONAL MOVING

VIDEO



TP SMALL

DEHUMIDIFIER

- digital control panel
- environment-friendly filling gas (R290)
- water tank capacity: **3,3 l**
- dehumidifying capacity: **12 l / 24 h**
- adjustable humidity: 30-90% RH
- easy to roll on wheels
- easily accessible, washable dust filter
- **removable water tank**
- continuous water drain possibility
- length of water drain tube: 1 m
- carrying handle
- calbe holder
- **24-hour timer**
- **output: 270 W**
- dimensions: 33,5 x 51,1 x 26,7 cm / 14,8 kg



Attention! Risk of fire!
The device must be installed, used and stored in an area of at least 13m²!

Honeywell

DHM 10LR

DEHUMIDIFIER

- **ECO friendly filling gas, R290**
- dehumidifying capacity: 10 l / 24 h (30 °C, RH: 80%)
5 l / 24 h (27 °C, RH: 60%)
- **recommended room size: 10 - 20 m²**
- 5 operation modes (Dehumidify, Automatic, Continuous, Fast Dry Clothes, Fan)
- **memory for last settings**
- current relative humidity display
- **adjustable desired humidity (30% - 80% RH)**
- 1 - 24 hour, shutdown timing, adjustable per hour
- 2,2 water tank, indication light for full tank
- included drain pipe (30 cm) to be used optionally
- child lock
- dimensions: 28,4 x 48 x 24 cm



Attention! Risk of fire!
Appliance shall be installed, operated and stored in a room with a floor area larger than 4 m²!

DHM 710

DEHUMIDIFIER

It is a Peltier-based device, no compressor, no air conditioner gas. Consequently, the device is light and operates quietly.

- **dehumidification max. 700 ml/day (25 °C, 85% RH)**
- **1,65 liter water tank**
- switches off automatically when the water tank is full
- light, silent device
- power supply: 220-240 V~ / 50 Hz / 72 W
- dimensions: 24 x 36 x 12 cm



UHP 4000B

ULTRASONIC COLD HUMIDIFIER

- **touch control**
- water tank capacity: **4 l**
- adjustable humidification in 3 stages, different color indicator light
- **humidification: max. 250 ml/hour**
- **recommended room size: max. 40 m²**
- water tank access window
- **in case of water shortage, it turns off**
- extremely low noise level: 35 dB(A)
- power supply: 230 V~ / 50 Hz
- output: 30 W
- dimensions: 23,5 x 33 x 12,5 cm



VIDEO



DHM 300

DEHUMIDIFIER

It is a Peltier system-based device, no compressor, no air conditioner gas. Consequently, the device is light and operates quietly.

- **dehumidification max. 300 ml/day (25 °C, 85% RH)**
- **0,5 liter water tank**
- switches off automatically when the water tank is full
- accessory power adapter
- light, compact, silent appliance
- output: 22,5 W
- dimensions: 15 x 22 x 13 cm



AIR 50

AIR PURIFIER

- air delivery: 400 m³/hour
- recommended room size: max 50 m²
- **H13 filtration level**
- pre-filter, HEPA filter, carbon filter
- with UV-C LED
- **high, medium, low or automatic fan speed**
- 2/4/8 hours switch off timer
- night light
- child lock
- filter replacement warning (2200 hours)
- **air quality sensor: PM2,5**
- colored air quality light
- accessory air filter (AIR 50/S)
- power supply: 230 V~ / 50 Hz / 50 W
- dimensions: 27 x 50,5 x 30,1 cm



AIR 50/S

AIR FILTER AIR 50



AIR 18 WIFI

AIR CLEANER

TUYA smart applikációval is vezérelhető

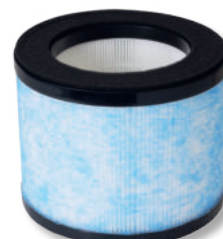
- air flow: 150 m³/hour
- recommended room size: max. 18 m²
- **HEPA filter**
- high, medium, low fan speed selectable with touch buttons, ioniser function
- **filter change warning on the device, number of remaining days via the application**
- included air filter (AIR 18 WIFI/S)
- power supply: 230 V~ / 50 Hz / 28 W
- dimensions: Ø213 x 280 mm



AIR 18 WIFI/S

FILTER FOR AIR 18 WIFI AIR CLEANER

- **built-in HEPA filter**
- dimensions: Ø175 x 135 mm

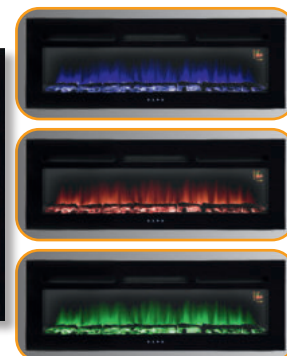


Heating technology

FKKI 06

BUILT-IN ELECTRIC FIREPLACE

- built-in or wall mount installation options
- realistic glowing log and flame effect for independent use
- selectable flame colour
- 2 heating levels: 1000 W/2000 W
- electronic thermostat
- blow out point at the front
- weekly program
- automatic on/off control
- all functions controlled remotely
- overheating protection
- dimensions: 127 x 45 x 17 cm



VIDEO



2000 W

FKKI 05

BUILT-IN ELECTRIC FIREPLACE

- built-in or wall mount installation options
- realistic glowing log and flame effect for independent use
- selectable flame colour
- 2 heating levels: 1000 W/2000 W
- electronic thermostat
- blow out point at the front
- weekly program
- automatic on/off control
- all functions controlled remotely
- overheating protection
- dimensions: 91,5 x 45 x 17 cm



VIDEO



2000 W

FKKI 03

BUILD-IN ELECTRIC SPECTACULAR FIREPLACE

- independently useable realistic flame effect
- 2 heating stages: 1000 W / 2000 W
- electronic thermostat
- weekly program
- window opening detection
- automatic switch off in case of overheating
- all functions controlled remotely
- blow out point at the front
- dimensions: 60 x 44 x 20 cm



2000 W



VIDEO



Choose a fireplace frame that meets your individual needs!



FKK BORA BORA BORA BORA PANORAMIC FIREPLACE
- WHITE

- frame material: laminated chipboard
- **realistic glowing log and flame effect, which can be used independently**
- built-in LED light source (max 10 W, not replaceable)
- adjustable brightness
- 2 heating stages (1000 W / 2000 W)
- **electronic thermostat**
- **weekly program**
- **window opening detection**
- all functions can be controlled remotely
- overheating protection
- noise level: 50 dB(A)
- dimensions: 95 x 80 x 26,5 cm
- Package contents: FKKF 01 + FKKI 03.



FKK MILANO MILANO PANORAMIC FIREPLACE
- TOBACCO BEECH

- frame material: laminated chipboard
- **realistic glowing log and flame effect, which can be used independently**
- built-in LED light source (max 10 W, not replaceable)
- adjustable brightness
- 2 heating stages (1000 W / 2000 W)
- **electronic thermostat**
- **weekly program**
- **window opening detection**
- all functions can be controlled remotely
- overheating protection
- noise level: 50 dB(A)
- dimensions: 96,5 x 76,5 x 27,5 cm
- Package contents: FKKF 02 + FKKI 03.



FKK BOLOGNA BOLOGNA PANORAMIC FIREPLACE
- LIGHT SONOMA

- frame material: laminated chipboard
- **realistic glowing log and flame effect, which can be used independently**
- built-in LED light source (max 10 W, not replaceable)
- adjustable brightness
- 2 heating stages (1000 W / 2000 W)
- **electronic thermostat**
- **weekly program**
- **window opening detection**
- all functions can be controlled remotely
- overheating protection
- noise level: 50 dB(A)
- dimensions: 96,5 x 76,5 x 27,5 cm
- Package contents: FKKF 03 + FKKI 03.



FKK PALERMO PALERMO PANORAMIC FIREPLACE
- FREYA OAK

- frame material: laminated chipboard
- **realistic glowing log and flame effect, which can be used independently**
- built-in LED light source (max 10 W, not replaceable)
- adjustable brightness
- 2 heating stages (1000 W / 2000 W)
- **electronic thermostat**
- **weekly program**
- **window opening detection**
- all functions can be controlled remotely
- overheating protection
- noise level: 50 dB(A)
- dimensions: 92,5 x 76 x 25 cm
- Package contents: FKKF 04 + FKKI 03.



FKK 18

FREESTANDING ELECTRIC FIREPLACE

- white MDF furniture panel
- **adjustable brightness**, independently useable, realistic glowing wooden log and LED flame effect
- 2 heating stages: 1000 W / 2000 W
- **electronic thermostat**
- **weekly program**
- **adaptive switch on control**
- automatic switch off in case of overheating
- all functions can be controlled remotely
- blow out point at the front
- dimensions: 109 x 100 x 37 cm / 45 kg

2000 W



VIDEO



FKK 14

ELECTRIC FIREPLACE

- **2 heating stages: 1000 W / 2000 W**
- mechanical thermostat
- blow out point at the bottom
- flame-effect can be switched independently
- overheating protection
- dimensions: Ø 41 x 65 cm

2000 W



FKK 04

PANORAMA ELECTRIC FIREPLACE

- **2 heating stages: 925 W / 1850 W**
- mechanical thermostat
- blow out point at the bottom
- **flame-effect can be switched independently**
- overheating protection
- dimensions: 63,5 x 67 x 36 cm

VIDEO



1850 W



FKK 07

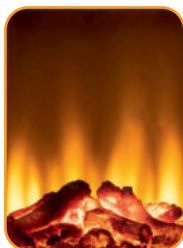
PANORAMIC ELECTRIC FIREPLACE

- 2 heating stages: 600 W/1200 W
- mechanical thermostat
- blow out point at the bottom
- **independently selectable flame effect**
- **glazed firebox**
- overheating protection
- dimensions: 31 x 53 x 18 cm

VIDEO



1200 W



FKK 15

ELECTRIC FIREPLACE

- **independently selectable flame effect**
- 2 heating stages: 1000 W / 2000 W
- **mechanical thermostat**
- automatic switch off in case of overheating
- **blow out point at the bottom**
- dimensions: 39,5 x 56,5 x 23 cm

2000 W



VIDEO



FHP 820

ASH CLEANER

- 800 W output
- 20 liter metal bin
- washable filter (FHP 820/S)
- tube: Ø3,3 x 100 cm
- **also with blowing function**
- dimensions: 36 x 36 x 44 cm

800 W



FHP 820/G

**TUBE FOR FHP 820
ASH CLEANER**

FHP 820/S

**WASHABLE FILTER
FOR FHP 820
ASH CLEANER**

FKK 10 PANORAMIC ELECTRIC FIREPLACE

- 2 heating stages: 1000 W/2000 W
- electronic thermostat and weekly program
- **window opening detection**
- **wall-mounted or floor standing option**
- **8 firebox lighting modes**
- **optional additional mood lighting**
- **independently selectable flame effect**
- overheating protection
- dimensions: 112 x 45 x 30,5 cm



2000 W



VIDEO

FKK 3000 WIFI SMART WALL-MOUNTED FIREPLACE

- With smartphone application, you can control the heater at your home Wi-fi environment from far.
- **tempered glass front panel**
 - flame color can be adjusted and LED flame effect can be used independently
 - 2 heating stages: 1000 W / 2000 W
 - **electronic thermostat**
 - **weekly program**
 - **window opening detection**
 - automatic switch off in case of overheating
 - controllable with remote control or smartphone
 - **blow out point at the top**
 - dimensions: 100 x 50 x 13,5 cm



2000 W



VIDEO

FKK 24 ELECTRIC FIREPLACE

- **wall-mounted or floor standing option**
- **2 heating stages: 900 W/1800 W**
- **electronic thermostat and weekly program**
- **window opening detection**
- adjustable brightness
- independently selectable flame effect
- overheating protection
- tempered glass front panel
- dimensions: wall-mounted: 107 x 43,5 x 13 cm
floor standing: 107 x 50 x 24 cm



1800 W



VIDEO

FKK 17 ELECTRIC WALL-MOUNTED FIREPLACE

- **flame effect with adjustable brightness can be switched independently**
- **tempered glass front panel**
- **electronic thermostat**
- weekly program
- adaptive switch on control
- 2 heating stages: 1000 W / 2000 W
- blow out point at the top
- **all functions can be controlled remotely**
- remote control power supply: 2 x 1,5 V (AAA) batteries, not included
- overheating protection
- dimensions: 88,5 x 48 x 13,5 cm



2000 W



	heating stages	placement	flame effect	fan	light source	thermostat	material	remote control	power supply of remote control	dimensions	weight
FKKI 06	1000 W / 2000 W	build-in/wall	colour can be regulated, the flame-effect can also be used independently	yes	LED (13 W)	electronic	metal, glass	yes	2 x 1,5 V (AAA), not included	127 x 45 x 17 cm	23 kg
FKKI 05	1000 W / 2000 W	build-in/wall	colour can be regulated, the flame-effect can also be used independently	yes	LED (13 W)	electronic	metal, glass	yes	2 x 1,5 V (AAA), not included	91,5 x 45 x 17 cm	16 kg
FKKI 03	1000 W / 2000 W	build-in	adjustable brightness	yes	LED (10 W)	electronic	metal, plastic	yes	2 x 1,5 V (AAA), not included	60 x 44 x 20 cm	10,2 kg
FKK BOLOGNA	1000 W / 2000 W	standing	adjustable brightness	yes	LED (10 W)	electronic	wood, metal, plastic	yes	2 x 1,5 V (AAA), not included	96,5 x 76,5 x 27,5 cm	40 kg
FKK BORA BORA	1000 W / 2000 W	standing	adjustable brightness	yes	LED (10 W)	electronic	wood, metal, plastic	yes	2 x 1,5 V (AAA), not included	95 x 80 x 26,5 cm	43 kg
FKK MILANO	1000 W / 2000 W	standing	adjustable brightness	yes	LED (10 W)	electronic	wood, metal, plastic	yes	2 x 1,5 V (AAA), not included	96,5 x 76,5 x 27,5 cm	43 kg
FKK PALERMO	1000 W / 2000 W	standing	adjustable brightness	yes	LED (10 W)	electronic	wood, metal, plastic	yes	2 x 1,5 V (AAA), not included	92,5 x 76 x 25 cm	43 kg
FKK 18	1000 W / 2000 W	standing	adjustable brightness	yes	LED (7 W)	electronic	MDF furniture panel	yes	2 x 1,5 V (AAA), not included	109 x 100 x 37 cm	45 kg
FKK 14	1000 W / 2000 W	standing	there is	yes	LED (5 W)	mechanical	metal, plastic	no	-	∅41 x 65 cm	14 kg
FKK 04	925 W / 1850 W	standing	adjustable brightness	yes	LED (4 W)	mechanical	plastic	no	-	63,5 x 67 x 36 cm	12 kg
FKK 07	1000 W / 2000 W	standing	brightness can be regulated, the realistic flame-effect can also be used independently	yes	LED (11 W)	mechanical	plastic housing and glass insert	no	-	31 x 53 x 18 cm	6 kg
FKK 15	1000 W / 2000 W	standing	there is	yes	LED (10 W)	mechanical	plastic	no	-	39,5 x 56,5 x 23 cm	5,2 kg
FKK 10	1001 W / 2000 W	standing/wall	there is	yes	LED (5 W)	electronic	laminated chipboard, glass, plastic	yes	2 x 1,5 V (AAA), not included	112 x 45 x 30,5 cm	26,7 kg
FKK 3000 WIFI	1000 W / 2000 W	wall	adjustable flame color	yes	LED (10 W)	electronic	tempered plate glass	yes	1 x 3 V (CR2025), included	100 x 50 x 13 cm	16 kg
FKK 24	900 W / 1800 W	standing/wall	brightness can be regulated, the realistic flame-effect can also be used independently	yes	LED (5 W)	electronic	tempered plate glass	yes	1 x 3 V (CR2025), included	107 x 43,5 (50) x 13 (24) cm	18,6 kg
FKK 17	1000 W / 2000 W	wall	adjustable brightness	yes	LED (10 W)	electronic	tempered glass	yes	2 x 1,5 V (AAA), not included	88,5 x 48 x 13,5 cm	13,6 kg

LTN 33 FP

SPECTACULAR FIREPLACE

- designed for indoor use
- **without heating function**
- **white plastic housing, glass front**
- can be switched on/off
- power supply: 3 x 1.5 V (C) batteries, not included
- can also be operated from an adapter, not included (recommended: MW MA06/G+)
- dimensions: 33 x 21 x 11 cm



LTN 64 FP

SPECTACULAR FIREPLACE

- designed for indoor use
- **without heating function**
- **white plastic housing, glass front**
- can be switched on/off
- power supply: 3 x 1.5 V (C) batteries, not included
- can also be operated from an adapter, not included (recommended: MW MA06/G+)
- dimensions: 63 x 22 x 13 cm



FKIR 962 HYBRID HEATER

- power: **960 W**
- wall or ceiling mounted design
- remote control option
- the unit combines the comfortable and economical operation of infrared panels with the feeling of warmth provided by conventional heating methods
- thermostat built into the remote control
- electronic thermostat control
- weekly program
- automatic switch off in case of overheating
- weight: 6,6 kg
- dimensions: 119,5 x 80,5 x 4 cm

VIDEO



960 W



FKIR 722

- power: **720 W**
- weight: 5,1 kg
- dimensions: 119,5 x 59,5 x 4 cm

VIDEO



720 W

FKIR 452

- power: **450 W**
- weight: 3,45 kg
- dimensions: 90,5 x 50,5 x 4 cm

VIDEO



450 W



FKIR 701 WIFI SMART HYBRID HEATER

You can remotely control your heater using a smartphone app in your home WiFi environment.

- wall-mounted design
- control via touch buttons, remote controller or a smartphone
- output: **700 W**
- the unit combines the comfortable and economical operation of infrared panels with the feeling of warmth provided by conventional heating methods
- electronic thermostat control
- weekly program
- automatic switch off in case of overheating
- dimensions: 120 x 50 x 5,5 cm

VIDEO



700 W



FKIR 351 WIFI

- output: **350 W**
- dimensions: 50 x 60 x 5,5 cm

VIDEO



350 W



FKA 200

WALL-MOUNTED HEATER

- rated power: 2000 W
- **power: 1680 - 2000 W**
- **aluminum heating element**
- quiet and economical operation
- **linear heating, even heat distribution**
- minimalist design
- **wall-mounted design**
- weekly program
- comfort and economy modes
- **frost protection function**
- window opening detection
- dimensions: 84 x 44 x 9,5 cm

2000 W



FKA 150

WALL-MOUNTED HEATER

- rated power: 1500 W
- **power: 1250 - 1500 W**
- **aluminum heating element**
- quiet and economical operation
- **linear heating, even heat distribution**
- minimalist design
- **wall-mounted design**
- weekly program
- comfort and economy modes
- **frost protection function**
- window opening detection
- dimensions: 69 x 44 x 9,5 cm

1500 W



FKA 100

WALL-MOUNTED HEATER

- rated power: 1000 W
- **power: 840 - 1000 W**
- **aluminum heating element**
- quiet and economical operation
- **linear heating, even heat distribution**
- minimalist design
- **wall-mounted design**
- weekly program
- comfort and economy modes
- **frost protection function**
- window opening detection
- dimensions: 84 x 44 x 9,5 cm

1000 W



FKA 70

WALL-MOUNTED HEATER

- rated power: 700 W
- **power: 590 - 700 W**
- **aluminum heating element**
- quiet and economical operation
- **linear heating, even heat distribution**
- minimalist design
- **wall-mounted design**
- weekly program
- comfort and economy modes
- **frost protection function**
- window opening detection
- dimensions: 39 x 44 x 9,5 cm

700 W



FK 430 WIFI

SMART HEATER

The device can be controlled by smartphone application from anywhere, if it's connected to home WiFi network.

- 2 heating stages: 1000 W / 2000 W
- **tempered glass front panel**
- **controllable with touch buttons or with smartphone**
- electronic thermostat
- switch off timer
- **IPX4 protection against splashing water**
- child lock
- automatic switch off in case of overheating
- **freestanding or wall-mounted design**
- dimensions: 92 x 43 x 24 cm



2000 W

FK 420 WIFI

SMART HEATER

The device can be controlled by smartphone application from anywhere, if it's connected to home WiFi network.

- 2 heating stages: 1000 W / 2000 W
- **controllable with touch buttons or with smartphone**
- electronic thermostat
- switch off timer
- **IPX4 protection against splashing water**
- child lock
- automatic switch off in case of overheating
- **freestanding or wall-mounted design**
- dimensions: 92 x 43 x 24 cm



VIDEO



2000 W

FK 410 WIFI

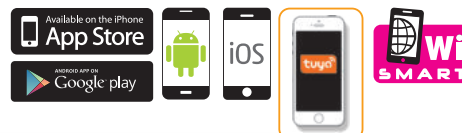
SMART HEATER

The device can be controlled by smartphone application from anywhere, if it's connected to home WiFi network.

- 2 heating stages: 500 W / 1000 W
- **controllable with touch buttons or with smartphone**
- electronic thermostat
- switch off timer
- **IPX4 protection against splashing water**
- child lock
- automatic switch off in case of overheating
- **freestanding or wall-mounted design**
- dimensions: 60 x 43 x 24 cm



VIDEO



1000 W

FK 350 WIFI

SMART HEATER

With smartphone application, you can control the heater at your home Wi-Fi environment from far.

- freestanding desing
- **can be controlled with touch-buttons, by remote control or the free smartphone application**
- **3 heating stages: 1000 W / 1300 W / 2300 W**
- electronic thermostat control
- **frost guard function**
- **turbo fan function which can be switched independently**
- 24-hour switch off timer
- automatic switch off in case of overheating
- 1 x 3 V (CR2032) button battery, included
- dimensions: 68 x 41,5 x 18 cm



2300 W

FK 190 TURBO CONVECTOR TURBO HEATER

- 2 heating stages: 800 W / 2000 W
- unique design stage switch and thermostat
- mechanical thermostat
- independently switchable **turbo fan function**
- automatic switch off in case of overheating
- **freestanding design**
- dimensions: 68 x 46,5 x 19 cm



2000 W



FK 330 CONVECTOR HEATER

- 3 heating stages: **750 W / 1250 W / 2000 W**
- mechanical thermostat
- automatic switch off in case of overheating
- **freestanding design**
- dimensions: 53 x 38 x 20 cm



2000 W



FK 344 CONVECTOR TURBO HEATER

- 3 heating stages: 750 W / 1250 W / 2000 W
- **adjustable turbofan function**
- thermostat control
- automatic shut-off in case of overheating
- **freestanding design**
- dimensions: 69 x 39 x 19 cm



2000 W

VIDEO



	heating stages	free-standing	wall-mountable	fan	programming	thermostat	remote control	wi-fi	dimensions	weight
FKIR 270 WIFI	1000 W	yes	no	no	weekly program	electronic	no	yes	30 x 110 x 30 cm	18 kg
FKIR 962	960 w	no	yes	no	weekly program	electronic	yes	no	120 x 80 x 4 cm	6,6 kg
FKIR 722	720 w	no	yes	no	weekly program	electronic	yes	no	120 x 60 x 4 cm	5,1 kg
FKIR 452	450 W	no	yes	no	weekly program	electronic	yes	no	90 x 50 x 4 cm	3,45 kg
FKIR 701 WIFI	700 W	no	yes	no	weekly program	electronic	no	yes	120 x 50 x 5 cm	7 kg
FKIR 351 WIFI	350 W	no	yes	no	weekly program	electronic	no	yes	50 x 60 x 5 cm	2 kg
FMC 1500	1000 W / 1500 W	yes	no	no	switch off timer	electronic	yes	no	45 x 62 x 26,5 (8) cm	4,5 kg
FMC 2000	1000 W / 2000 W	yes	no	no	switch off timer	electronic	yes	no	54 x 62 x 26,5 (8) cm	5,1 kg
FKA 200	1680 W / 2000 W	no	yes	no	weekly program	electronic	no	no	84 x 44 x 9,5 cm	7,5 kg
FKA 150	1250 W / 1500 W	no	yes	no	weekly program	electronic	no	no	69 x 44 x 9,5 cm	6,5 KG
FKA 100	840 W / 1000 W	no	yes	no	weekly program	electronic	no	no	54 x 44 x 9,5 cm	5,8 kg
FKA 70	590 W / 700 W	no	yes	no	weekly program	electronic	no	no	39 x 44 x 9,5 cm	4,5 kg
FK 430 WIFI	1000 W / 2000 W	yes	yes	no	weekly program	electronic	controlled by smartphone	yes	92 x 43 x 24 cm	8,2 kg
FK 420 WIFI	1000 W / 2000 W	yes	yes	no	weekly program	electronic	controlled by smartphone	yes	92 x 43 x 24 cm	6,7 kg
FK 410 WIFI	500 W / 1000 W	yes	yes	no	weekly program	electronic	controlled by smartphone	yes	60 x 43 x 24 cm	4,8 kg
FK 350 WIFI	1000 W / 1300 W / 2300 W	yes	no	yes	switch off timer	electronic	yes	yes	68 x 41,5 x 18 cm	3,1 kg
FK 190 TURBO	800 W / 2000 W	yes	no	yes	no	mechanical	no	no	68 x 46,5 x 19 cm	3,7 kg
FK 330	750 W / 1250 W / 2000 W	yes	no	no	no	mechanical	no	no	53 x 38 x 20 cm	1,9 kg
FK 344	750 W / 1250 W / 2000 W	yes	no	yes	no	mechanical	no	no	69 x 39 x 19 cm	3,5 kg

FKIR 270 WIFI SMART INFRARED HEATER

You can remotely control your heater using a smartphone app in your home Wi-Fi environment.

- designed for indoor use
- silent operation
- **controlled by touch buttons and TUYA app**
- 1000 W power, high radiant heat ratio
- **270° angle of infrared radiation**
- surface temperature: ~90°C
- **with digital thermostat 0-37°C**
- 24-hour off timer (1-hour units)
- high quality metal housing with metal feet
- automatic switch off in case of overheating
- with overheating protection
- power supply: 220-240 V~ 50 Hz
- dimensions: 30 x 110 x 30 cm



1000 W



FMC 1500 MICA CONVECTOR WITH REMOTE CONTROL

- designed for indoor use
- **with MICA (plate-silicate mineral) panels**
- quick warm-up
- **high radiant heat ratio**
- 2 heating stages: 1000W / 1500W
- **with digital thermostat 18-30°C**
- 12-hour off timer (0.5-hour units)
- **controlled by electronic push buttons and remote control**
- quiet operation
- automatic switch off in case of overheating
- easy to roll on wheels
- cable holder
- remote controller power supply: 1x3V (CR2025) button cell, included
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: 45 x 62 x 26,5 (8) cm

1500 W



FMC 2000 MICA CONVECTOR WITH REMOTE CONTROL

- designed for indoor use
- **with MICA (plate-silicate mineral) panels**
- quick warm-up
- **high radiant heat ratio**
- 2 heating stages: 1000W / 1500W
- **with digital thermostat 18-30°C**
- 12-hour off timer (0.5-hour units)
- **controlled by electronic push buttons and remote control**
- quiet operation
- automatic switch off in case of overheating
- easy to roll on wheels
- cable holder
- remote controller power supply: 1x3V (CR2025) button cell, included
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: 54 x 62 x 26,5 (8) cm

2000 W



FKOS 13 M

OIL HEATER

- 3 heating stages: 1000 W / 1500 W / 2500 W
- **13 segments**
- mechanical thermostat
- **automatic switch off in case of overheating or overturning**
- pressure-tested by piecemeal
- dimensions: 12 (23) x 60 x 58 cm



2500 W



FKOS 11 M

OIL HEATER

- 3 heating stages: 800 W / 1200 W / 2000 W
- **11 segments**
- mechanical thermostat
- **automatic switch off in case of overheating or overturning**
- pressure-tested by piecemeal
- dimensions: 12 (23) x 60 x 51 cm



2000 W



FKOS 9 M

OIL HEATER

- 3 heating stages: 800 W / 1200 W / 2000 W
- **9 segments**
- mechanical thermostat
- **automatic switch off in case of overheating or overturning**
- pressure-tested by piecemeal
- dimensions: 12 (23) x 60 x 44 cm



2000 W



FKOS 7 M

OIL HEATER

- 3 heating stages: 600 W / 900 W / 1500 W
- **7 segments**
- mechanical thermostat
- **automatic switch off in case of overheating or overturning**
- pressure-tested by piecemeal
- dimensions: 12 (23) x 60 x 37 cm



1500 W



FKF 54203 SMART WALL-MOUNTED FAN HEATER



The device can be controlled by smartphone application from anywhere, if it's connected to home WiFi network.

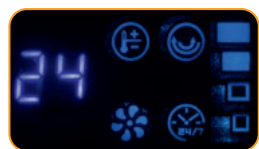
- **2 heating stages: 1000 W / 2000 W**
- swinging air blade
- 24-hour timer
- electronic thermostat
- **weekly program**
- automatic switch off in case of overheating
- all functions can be controlled remotely
- **remote controllable with smartphone application**
- dimensions: 54 x 12 x 18,5 cm



2000 W

FKF 65221 WALL-MOUNTED FAN HEATER

- 2 heating stages: 1100 W / 2200 W
- swinging air blade
- **electronic thermostat**
- 8-hour switch off timer
- **weekly program**
- **window opening detection**
- all functions can be controlled remotely
- automatic switch off in case of overheating
- dimensions: 65 x 25 x 15 cm



2200 W

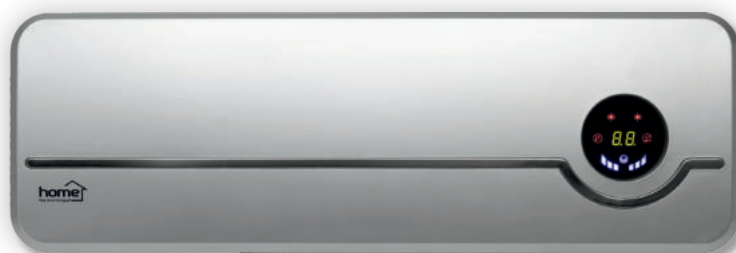


FKF 56202 WALL-MOUNTED FAN HEATER

- 2 heating stages: 1000 W / 2000 W
- swinging air blade
- **electronic thermostat**
- 8-hour switch off timer
- **weekly program**
- **window opening detection**
- all functions can be controlled remotely
- automatic switch off in case of overheating
- silver colour
- dimensions: 56 x 19 x 12 cm



2000 W



FKF 59201 WALL-MOUNTED FAN HEATER, WITH STOP PROGRAM

- 2 heating stages: 1000 W / 2000 W
- swinging air blade
- **electronic thermostat**
- 12-hour switch off timer
- **weekly program**
- **adaptive switch on timer**
- **STOP program**: when the set temperature is reached, the fan switches off
- all functions can be controlled remotely
- automatic switch off in case of overheating
- dimensions: 54 x 20,5 x 12 cm



2000 W



FKF 42201

WALL-MOUNTED FAN HEATER

- 2 heating stages: 1000 W / 2000 W
- **electronic thermostat**
- 8-hour switch off timer
- **weekly program**
- **window opening detection**
- all functions can be controlled remotely
- automatic switch off in case of overheating
- dimensions: 42 x 16,5 x 11,5 cm



2000 W

	heating stages	placement	programming	only fan mode	stop program	thermostat	swinging	control	power supply of remote control	dimensions	weight
FKF 54203	1000 W / 2000 W	wall	weekly program	yes	no	electronic	yes	remote control or smartphone application	1 x 3 V (CR 2025), included	54 x 18,5 x 12 cm	2,9 kg
FKF 65221	1100 W / 2200 W	wall	weekly program	yes	no	electronic	yes	remote control	1 x 3 V (CR 2025), included	65 x 25 x 15 cm	4,2 kg
FKF 56202	1000 W / 2000 W	wall	weekly program	yes	no	electronic	yes	remote control	1 x 3 V (CR 2025), included	56 x 19 x 12 cm	2,5 kg
FKF 59201	1000 W / 2000 W	wall	weekly program	no	yes	electronic	yes	remote control	1 x 3 V (CR 2025), included	54 x 20,5 x 12 cm	2,5 kg
FKF 42201	1000 W / 2000 W	wall	weekly program	yes	no	electronic	no	remote control	1 x 3 V (CR 2025), included	42 x 16,5 x 11,5 cm	1,8 kg

FK 231

HALOGEN HEATER

- 3 heating stages: 400 W / 800 W / 1200 W
- **independently switchable heating inserts**
- switchable oscillation
- **automatic switch off in case of overheating or overturning**
- type of heating insert: FK 231/T (160 mm, 400 W)
- dimensions: 30 x 70 x 30 cm

1200 W



FK 21

HALOGEN HEATER

- 3 heating stages: 400 W / 800 W / 1200 W
- **independently switchable heating inserts**
- switchable oscillation
- **automatic switch off in case of overheating or overturning**
- type of heating insert: FK 21/T (195 mm, 400 W)
- dimensions: 36 x 52 x 26 cm

1200 W



FKM 450

HEATER, FROST GUARD

- 450 W output
- functions: **heating, defrosting**
- mechanical thermostat
- heating indicator light
- **automatic switch off in case of overheating**
- dimensions: 30 x 28,5 x 18 cm



450 W

HEATING MAT

type	for which product does it recommended	size	output
FK 21/T	FK 21	19,5 cm	400 W
FK 231/T	FK 231	16 cm	400 W
FK 24/T	FK 24	42 cm	600 W, IPX4
FK 272/T	FK 272	35 cm	650 W, IPX4
FKT 22CM	FK 16	22 cm	400 W
FKT 24CM	FK 6/K	24 cm	400 W
FKT 42CM	FK 2 és FK 22	42 cm	600 W

FK 53 WIFI SMART FREE STANDING CERAMIC HEATER

You can remotely control your heater using a smartphone app in your home WiFi environment.

- freestanding design
- control via touch buttons, remote controller or a free smartphone app
- 2 heating stages: 1000 W / 2000 W
- electronic thermostat 15-45 °C
- 12-hour switch off timer
- automatic switch off in case of overheating
- switchable oscillation: 70°
- dimensions: 23 x 56 x 15 cm



FK 54 FREE STANDING CERAMIC HEATER WITH REMOTE CONTROL

- 2 heating stages: 1400 W / 2000 W
- touch buttons and white LED display
- remote control for all functions
- PTC ceramic heating element
- automatic switch off in case of overheating or tipping
- electronic thermostat 15-40 °C
- 24-hour switch off timer
- switchable oscillation
- remote controller power supply: 1x3 V (CR2025) button cell, included
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: Ø23 x 63,5 cm



FK 52 FREESTANDING CERAMIC HEATER

- 2 heating stages: 1200 W / 2000 W
- functions: cold, warm, hot air
- selectable thermostat values of 18-21-24-27 °C
- 15-hour switch off timer
- switchable oscillation: 70°
- automatic switch off in case of overheating or overturning
- dimensions: Ø23 x 64 cm



FK 29 CERAMIC HEATER

- 2 heating stages: 900 W / 1800 W
- mechanical thermostat
- switchable oscillation
- automatic switch off in case of overheating or overturning
- dimensions: 22 x 32 x 14,5 cm



FK 55 CERAMIC HEATER WITH DIGITAL THERMOSTAT

- 2 heating stages: 1000 W / 1500 W
- touch buttons and white LED display
- functions: cold, warm, hot air
- electronic thermostat 15-45 °C
- shut-off timer for 12 hours
- switchable oscillation
- automatic switch off in case of overheating or overturning
- power supply: 220-240 V~ / 50-60 Hz
- dimensions: 17,4 x 24,3 x 11,7 cm



FK 51 CERAMIC HEATER

- 2 heating stages: 1000 W / 1500 W
- maximum output: 1500 W
- functions: cold, warm, hot air
- switchable oscillation 70°
- overheating protection
- automatic switch off in case of overheating or overturning
- built-in mechanical thermostat
- dimensions: 15 x 24,5 x 9 cm



FKH 400

PORTABLE MINI CERAMIC HEATER

- 400 W output
- compact design
- **electronic thermostat 15-45 °C**
- **12-hour switch off timer**
- accessory device holder stand
- automatic switch off in case of overheating
- dimensions: 9 x 8,5 x 17 cm



400 W



FKH 401

PORTABLE MINI CERAMIC HEATER

- 400 W output
- compact design
- **electronic thermostat 15-45 °C**
- **cosy flame effect**
- **12-hour switch off timer**
- automatic switch off in case of overheating
- dimensions: 9,5 x 18,5 x 7 cm



400 W



VIDEO



FK 1/O

PORTABLE FAN HEATER

- 2 heating stages: 1000 W / 2000 W
- mechanical thermostat
- **switchable oscillation**
- **automatic switch off in case of overheating**
- dimensions: 22 x 30 x 19 cm



2000 W

FK 1

PORTABLE FAN HEATER

- 2 heating stages: 1000 W / 2000 W
- mechanical thermostat
- **automatic switch off in case of overheating or tipping**
- dimensions: 21 x 26,5 x 11 cm



2000 W

FK 37/GY

PORTABLE FAN HEATER

- 2 heating stages: 1000 W / 2000 W
- mechanical thermostat
- **automatic switch off in case of overheating or tipping**
- dimensions: 26 x 24 x 13 cm



2000 W

	heating stages	thermostat	fan	switchable oscillation	dimensions
FK 54	1400 W / 2000 W	electrical	yes	yes	Ø23 x 63,5 cm
FK 55	1000 W / 1500 W	electrical	yes	yes	17,4 x 24,3 x 11,7 cm
FK 53 WIFI	1000 W / 2000 W	electrical	yes	yes	23 x 56 x 15 cm
FK 52	1200 W / 2000 W	electrical	yes	yes	Ø23 x 64 cm
FK 29	900 W / 1800 W	mechanical	yes	yes	22 x 32 x 14,5 cm
FK 51	1000 W / 1500 W	mechanical	yes	yes	15 x 24,5 x 9 cm
FKH 400	400 W	electrical	yes	no	9 x 17 x 8,5 cm
FKH 401	400 W	electrical	yes	no	9,5 x 18,5 x 7 cm
FK 23	400 W / 800 W / 1200 W	mechanical	no	yes	30 x 70 x 30 cm
FK 21	400 W / 800 W / 1200 W	mechanical	no	yes	36 x 52 x 26 cm
FKM 450	450 W	mechanical	no	no	30 x 28,5 x 18 cm
FK 1/O	1000 W / 2000 W	mechanical	yes	yes	22 x 30 x 19 cm
FK 1	1000 W / 2000 W	mechanical	yes	no	21 x 26,5 x 11 cm
FK 37/GY	1000 W / 2000 W	mechanical	yes	no	26 x 24 x 13 cm

FKTW 501**ELECTRIC TOWEL DRYER**

- rated power: 500 W
- **built-in control panel and LCD display**
- **electronic thermostat**
- weekly program
- frost protection function
- window opening sensor
- **quiet and economical operation**
- wall-mounted design
- automatic switch off in case of overheating
- dimensions: 54 x 98 x 9,2 cm

500 W**VIDEO****FKTW 502****ELECTRIC TOWEL DRYER**

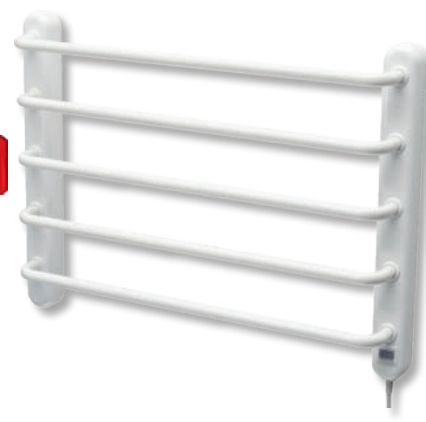
- rated power: 500 W
- **remote controller with LCD display**
- the product can be controlled via the supplied remote controller only
- remote controller power supply: 2 x 1.5 V (AAA) batteries - not included
- **electronic thermostat**
- weekly program
- frost protection function
- window opening sensor
- **quiet and economical operation**
- wall-mounted design
- automatic switch off in case of overheating
- dimensions: 50 x 101 x 11 cm

500 W**VIDEO****FTW 2****HEATED, ELECTRIC TOWEL DRYER**

- 100 W output
- 6 towel dryer rods
- **freestanding or wall-mountable design**
- **IPX1 protection against vertically dripping water**
- automatic switch off in case of overheating
- dimensions:
wall-mounted: 54 x 86 x 10,2 cm
standing: 54 x 91 x 35,3 cm

100 W**WALL-MOUNTABLE****FTW 4****HEATED, ELECTRIC TOWEL DRYER**

- 90 W output
- 5 towel dryer rods
- **wall-mounted design**
- **IPX1 protection against vertically dripping water**
- automatic switch off in case of overheating
- dimensions: 60 x 44,5 x 9,5 cm

90 W**FTW 1****HEATED, ELECTRIC CLOTHES DRYER**

- 220 W output
- **IPX1 protection against vertically dripping water**
- automatic switch off in case of overheating
- dimensions: completely opened: 53 x 95 x 145 cm
folded: 53 x 6 x 112 cm

220 W

ST-09-400-E

INDUSTRIAL HEATER

- 2 heating stages: 4500 W / 9000 W
- fan only mode
- mechanical thermostat
- **IP protection class: IPX4**
- overheating protection
- durable metal house
- **power supply: 400 V~ / 50 Hz**
- dimensions: 39,5 x 40,5 x 50,5 cm

The power cable is not included.



9000 W

STANLEY

ST-05-400-E

INDUSTRIAL HEATER

- 2 heating stages: 2500 W / 5000 W
- fan only mode
- mechanical thermostat
- **IP protection class: IPX4**
- overheating protection
- **length of power cable: 1,3 m**
- durable metal housing
- power cable included
- **power supply: 400 V~ / 50 Hz**
- dimensions: 35 x 37,5 x 45,5 cm



5000 W

STANLEY

ST-033-240-E

INDUSTRIAL HEATER

- 2 heating stages: 1650 W / 3300 W
- fan only mode
- mechanical thermostat
- **IP protection class: IPX4**
- overheating protection
- durable metal housing
- **power supply: 230 V~ / 50 Hz**
- dimensions: 35 x 37,5 x 45,5 cm



3300 W

STANLEY

ST-22-240-E

PTC HEATER

- 2 heating stages: 1000 W / 2000 W
- fan only mode
- **overheating protection**
- mechanical thermostat
- additional information: metal housing, PTC heating element
- power supply: 230 V~ / 50 Hz
- dimensions: 20 x 29 x 27,5 cm



2000 W

STANLEY

FKI 50

INDUSTRIAL FAN HEATER

- 2 heating stages: 2500 W / 5000 W
- mechanical thermostat
- **IPX4 protection against splashing water**
- automatic switch off in case of overheating
- **power supply: 400 V~ / 50 Hz**
- dimensions: 29 x 47 x 33 cm

The power cable is not included.



5000 W



FK 30

PORTABLE FAN HEATER

- 2 heating stages: 1000 W / 2000 W
- mechanical thermostat
- **durable metal housing**
- automatic switch off in case of overheating
- **safe PTC heating element**
- dimensions: 17,5 x 20 x 18 cm

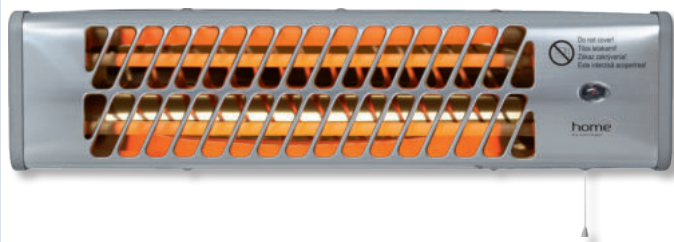


2000 W

FK 24 QUARTZ TUBE HEATER

- 2 heating stages: 600 W / 1200 W
- ideal for heating bathrooms
- robust metal housing
- adjustable tilt angle
- **IPX4 protection against splashing water**
- **wall-mounted design**
- type of heating element: FK 24/T (420 mm, 600 W, IPX4)
- dimensions: 53,5 x 13 x 11 cm

1200 W



FK 25 CARBON TUBE HEATER

- 2 heating stages: 600 W / max. 1200 W
- **IPX4 protection against splashing water**
- with cord switch
- wall-mounted design
- **durable metal housing**
- tiltable angle
- dimensions: 74,5 x 10 x 20 cm

1200 W



FK 272 OUTDOOR HALOGEN HEATER

- 3 heating stages: 650 W / 1350 W / 2000 W
- high heat radiation ratio
- **IPX4 protection against splashing water**
- ideal for heating a terrace
- **automatic switch off in case of overturning**
- soundless operation
- stainless steel stand
- dimensions: 50 x 177-205 cm

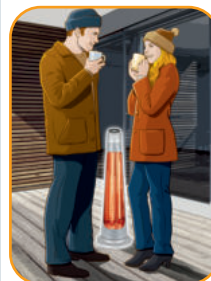
2000 W



FK 252 CARBON AND HALOGEN COMBINED HEATER

- **2 modes: 1200 W halogen heating element, or 1200 W carbon heating element**
- maximum output: 1200 W
- **can be controlled by remote control or with touch-buttons**
- oscillation can be switched ON/OFF
- 6-hour switch off timer
- IPX4 protection against splashing water
- out- and indoor design
- **automatic switch off in case of overturning**
- 1 x 3 V (CR2025) button battery, included
- dimensions: Ø27 x 86 cm

1200 W



Part number	Heat transfer type	Ideal placement	Type of installation	Ideal room size
FKKI 06	fan blow-out	living room, bedroom	built-in installation or relocation option	30 m ² *
FKKI 05	fan blow-out	living room, bedroom	built-in installation or relocation option	30 m ² *
FKKI 03	fan blow-out	living room, bedroom	built-in installation	30 m ² *
FKK BOLOGNA	fan blow-out	living room, bedroom	relocation option	30 m ² *
FKK BORA BORA	fan blow-out	living room, bedroom	relocation option	30 m ² *
FKK MILANO	fan blow-out	living room, bedroom	relocation option	30 m ² *
FKK PALERMO	fan blow-out	living room, bedroom	relocation option	30 m ² *
FKK 18	fan blow-out	living room, bedroom	relocation option	30 m ² *
FKK 14	fan blow-out	living room, bedroom	relocation option	30 m ² *
FKK 04	fan blow-out	living room, bedroom	relocation option	28 m ² *
FKK 07	fan blow-out	living room, bedroom	relocation option	18 m ² *
FKK 15	fan blow-out	living room, bedroom	relocation option	30 m ² *
FKK 10	fan blow-out	living room, bedroom	wall-mounted design, or relocation option	30 m ² *
FKK 3000 WIFI	fan blow-out	living room, bedroom	wall-mounted design	30 m ² *
FKK 24	fan blow-out	living room, bedroom	wall-mounted design, or relocation option	27 m ² *
FKK 17	fan blow-out	living room, bedroom	wall-mounted design	30 m ² *
FKIR 270 WIFI	heat radiation + convection	living room, bedroom	relocation option	15 m ² *
FKIR 962	heat radiation + convection	living room, bedroom	wall- or ceiling-mounted design	14 m ² *
FKIR 722	heat radiation + convection	living room, bedroom	wall- or ceiling-mounted design	11 m ² *
FKIR 452	heat radiation + convection	living room, bedroom	wall- or ceiling-mounted design	7 m ² *
FKIR 701 WIFI	heat radiation + convection	living room, bedroom	wall-mounted design	10 m ² *
FKIR 351 WIFI	heat radiation + convection	living room, bedroom	wall-mounted design	5 m ² *
FKA 200	convection	living room, bedroom	wall-mounted design	30 m ² *
FKA 150	convection	living room, bedroom	wall-mounted design	23 m ² *
FKA 100	convection	living room, bedroom	wall-mounted design	15 m ² *
FKA 70	convection	living room, bedroom	wall-mounted design	11 m ² *
FK 430 WIFI	convection	living room, bedroom, bathroom	wall-mounted design, or relocation option	30 m ² *
FK 420 WIFI	convection	living room, bedroom, bathroom	wall-mounted design, or relocation option	30 m ² *
FK 410 WIFI	convection	living room, bedroom, bathroom	wall-mounted design, or relocation option	15 m ² *
FK 350 WIFI	convection + fan blow-out	living room, bedroom	relocation option	35 m ² *
FK 190 TURBO	convection + fan blow-out	living room, bedroom	relocation option	30 m ² *
FK 330	convection	living room, bedroom	relocation option	30 m ² *
FK 344	convection + fan blow-out	living room, bedroom	relocation option	30 m ² *
FMC 1500	hősugárzás + konvekció	nappali, hálószoba	hordozható	23 m ² *
FMC 2000	hősugárzás + konvekció	nappali, hálószoba	hordozható	30 m ² *
FKOS 13 M	convection	living room, bedroom	relocation option	38 m ² *
FKOS 11 M	convection	living room, bedroom	relocation option	30 m ² *
FKOS 9 M	convection	living room, bedroom	relocation option	30 m ² *
FKOS 7 M	convection	living room, bedroom	relocation option	23 m ² *
FKF 54203	fan blow-out	living room, bedroom, children's room	wall-mounted design	30 m ² *
FKF 65221	fan blow-out	living room, bedroom, children's room	wall-mounted design	33 m ² *
FKF 56202	fan blow-out	living room, bedroom, children's room	wall-mounted design	30 m ² *
FKF 59201	fan blow-out	living room, bedroom, children's room	wall-mounted design	30 m ² *
FKF 42201	fan blow-out	living room, bedroom, children's room	wall-mounted design	30 m ² *
FK 54	fan blow-out	living room, bedroom, children's room	portable	30 m ² *
FK 55	fan blow-out	living room, bedroom, children's room	portable	23 m ² *
FK 53 WIFI	fan blow-out	living room, bedroom, cottage, office	portable	30 m ² *
FK 52	fan blow-out	living room, bedroom, cottage, office	portable	30 m ² *
FK 29	fan blow-out	living room, bedroom, cottage, office	portable	27 m ² *
FK 51	fan blow-out	living room, bedroom, cottage, office	portable	23 m ² *
FKH 400	fan blow-out	bedroom, office	portable	6 m ² **
FKH 401	fan blow-out	bedroom, office	portable	6 m ² **
FK 23	heat radiation	living room, bedroom, cottage, office	portable	18 m ² *
FK 21	heat radiation	living room, bedroom, cottage, office	portable	18 m ² *
FKM 450	convection	cottage, summer kitchen, garage	portable	7 m ² **
FK 1/0	fan blow-out	living room, bedroom, cottage, office	portable	30 m ² *
FK 1	fan blow-out	living room, bedroom, cottage, office	portable	30 m ² *
FK 37/GV	fan blow-out	living room, bedroom, cottage, office	portable	30 m ² *
FKTW 501	convection	fürdőszoba	wall-mounted design	8 m ² **
FKTW 502	convection	fürdőszoba	wall-mounted design	8 m ² **
FKI 50	fan blow-out	workshop	portable	77 m ² **
FK 30	fan blow-out	living room, bedroom, cottage, office	portable	30 m ² *
ST-09-400-E	fan blow-out	workshop	portable	138 m ² **
ST-05-400-E	fan blow-out	workshop	portable	77 m ² **
ST-033-240-E	fan blow-out	workshop	portable	50 m ² **
ST-22-240-E	fan blow-out	cottage, office, workshop, garage	portable	30 m ² *
FK 24	heat radiation	bathroom, children's room	wall-mounted design	18 m ² **
FK 25	heat radiation	balcony	wall-mounted design	18 m ² **
FK 272	heat radiation	balcony	relocation option	30 m ² **
FK 252	heat radiation	balcony	relocation option	18 m ² **

* Estimated value based on average clear height (2,7 m) and insulation.

** Estimated value for indoor use, based on average clear height and insulation.

FA3820-HUR FIREANGEL CARBON MONOXIDE ALARM

- complies with EN 50291-1 and EN 50291-2 standards
- **advanced electrochemical sensor**
- ventilation warning
- CO sensor test mode
- end of life display
- **power supply: built-in battery: 3 V, lithium, 10 years expected operating time**
- operating temperature: -10 °C - +40 °C
- permissible relative humidity: 30 - 90%, non-condensing
- **device life cycle: 10 years**
- **warranty: 5 years**
- dimensions: 12.5 x 6.7 x 3.3 cm



VIDEO



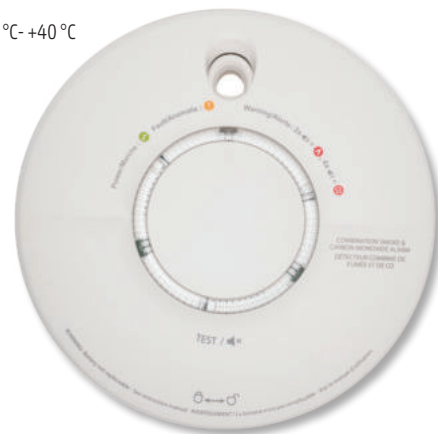
FireAngel



SCB10-INT FIREANGEL COMBINED CARBON MONOXIDE AND SMOKE EMERGENCY ALARM

- complies with EN 50291-1, EN 50291-2 and EN 14604 standards
- **electrochemical CO sensor and optical smoke sensor**
- UL94 V0 flame retardant plastic
- test mode, mute function
- end of lifetime display
- **power supply: built-in accumulator: 3 V, lithium, 10 years expected operating time**
- operating temperature: -10 °C - +40 °C
- allowed humidity: 30-93%, non-condensing
- **device life cycle: 10 years**
- **warranty: 3 years**
- dimensions: Ø13,4 x 3,94 cm

FireAngel



FA3328-INT FIREANGEL CARBON MONOXIDE ALARM

- complies with EN 50291-1 and EN 50291-2 standards
- **advanced electrochemical sensor**
- **NFC connection and diagnostics with a free smartphone app**
- ventilation warning
- CO sensor test mode
- end of life display
- **power supply: built-in battery: 3 V, lithium, 10 years expected operating time**
- operating temperature: -10 °C - +40 °C
- permissible relative humidity: 30 - 90%, non-condensing
- **device life cycle: 10 years**
- **warranty: 5 years**
- dimensions: 13.2 x 6.9 x 3.1 cm



VIDEO



FireAngel



ST-622-INT FIREANGEL COMBINED HEAT AND SMOKE DETECTOR

- complies with EN 14604 standard
- **built-in optical smoke detector and heat detector, Themoptek technology**
- UL94 V0 flame retardant plastic
- test mode, easy sleep, smart mute functions
- end of lifetime display
- **power supply: built-in accumulator: 3 V, lithium, 10 years expected operating time**
- operating temperature: +4 °C - +38 °C
- **device life cycle: 10 years**
- **warranty: 5 years**
- dimensions: Ø13 x 3,4 cm



FireAngel



FA3322-INT FIREANGEL CARBON MONOXIDE ALARM

- complies with EN 50291-1 and EN 50291-2 standards
- **advanced electrochemical sensor**
- **informative LCD display**
- ventilation warning
- CO sensor test mode
- end of life display
- **power supply: built-in battery: 3 V, lithium, 10 years expected operating time**
- operating temperature: -10 °C - +40 °C
- permissible relative humidity: 30 - 90%, non-condensing
- **device life cycle: 10 years**
- **warranty: 5 years**
- dimensions: 12.9 x 7.6 x 3.1 cm



VIDEO



FireAngel



FA6215-INT FIREANGEL HEAT SENSOR

- It makes a warning sound when ambient room temperature rises up to between 54 and 65°C**
- silent test and easy sleep functions
- **battery life end indication**
- **power supply: 2 x 1.5 V (AA) batteries, replaceable (2 included)**
- operating temperature: +4 °C - +38 °C
- expected battery life: approx. 5 years
- **device life cycle: 10 years**
- **warranty: 5 years**
- can be used in motorhomes
- dimensions: Ø11.8 x 4.1 cm

VIDEO



FireAngel

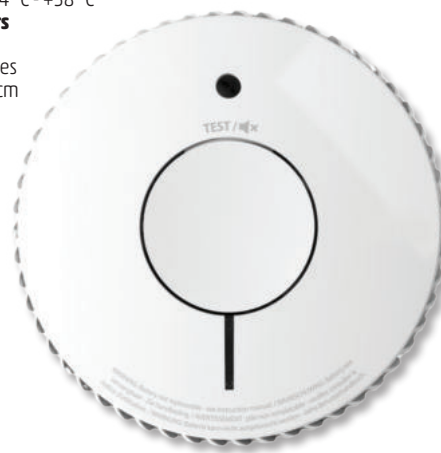




FA6120-INT

FIREANGEL OPTICAL SMOKE DETECTOR

- complies with EN 14604 standard
- **built-in optical smoke detector**
- silent test and easy sleep functions
- **end of life indication**
- **power supply: built-in battery: 3 V, lithium, 10 years expected operating time**
- operating temperature: +4 °C - +38 °C
- **device life cycle: 10 years**
- **warranty: 5 years**
- can be used in motorhomes
- dimensions: Ø11,8 x 3,2 cm



VIDEO



FireAngel

FA6115-INT

FIREANGEL OPTICAL SMOKE DETECTOR

- complies with EN 14604 standard
- **built-in optical smoke detector**
- silent test and easy sleep functions
- **battery life end indication**
- **power supply: 2 x 1.5 V (AA) batteries, replaceable (2 included)**
- operating temperature: +4 °C - +38 °C
- expected battery life: approx. 3 years
- **device life cycle: 10 years**
- **warranty: 5 years**
- can be used in motorhomes
- dimensions: Ø11,8 x 3,2 cm



VIDEO



FireAngel

FA6111-INT

FIREANGEL OPTICAL SMOKE DETECTOR

- complies with EN 14604 standard
- **built-in optical smoke detector**
- **built-in escape route light**
- silent test and easy sleep functions
- **battery life end indication**
- **power supply: 2 x 1.5 V (AA) batteries, replaceable (2 included)**
- operating temperature: +4 °C - +38 °C
- expected battery life: approx. 3 years
- **device life cycle: 10 years**
- **warranty: 5 years**
- can be used in motorhomes
- dimensions: Ø11,8 x 3,2 cm



VIDEO



FireAngel

SMO 10

SMOKE ALARM

- high reliability
- optical sensing
- powerful 85 dB(A) siren
- mute function
- LED status indication
- simple installation
- built-in battery
- 10 year lifespan
- dimensions: Ø52 x 52 mm

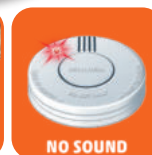


home by somogyi

SMO 01

SMOKE DETECTOR

- **high reliability**
- powerful 85 dB(A) siren
- **mute function**
- LED status indication
- easy installation
- power supply: 1 x 9 V (6F22) battery, included
- dimensions: Ø10,1 x 3,4 cm



home by somogyi

NETWORKABLE PRODUCTS

ST-630-INT

FIREANGEL OPTICAL SMOKE DETECTOR

- compliance with the EN 14604 standard
- **built in Thermoptek multisensor**
- UL94 V0 flame retardant plastic
- test mode
- end of life indication
- **power supply: built-in battery: 3 V, lithium, 10 years expected operating time**
- operating temperature: +4 °C to +38 °C
- **device life cycle: 10 years**
- **guarantee: 5 years**
- FireAngel W2 (WiSafe2), Z-Wave and Zigbee modules are suitable for receiving and can be networked with other CO and/or smoke detectors equipped with such modules, up to max. 50 units. If one of the products connected to the network gives an alarm, all the others will also give an alarm.



FireAngel

HT-630-NEUT

FIREANGEL TEMPERATURE SENSOR

- compliance with the BS 5446-2 standard
- **built-in Thermistek temperature sensor**
- UL94 V0 flame retardant plastic
- test mode
- end of life indication
- **power supply: built-in battery: 3 V, lithium, 10 years expected operating time**
- operating temperature: +4 °C to +38 °C
- **device life cycle: 10 years**
- **guarantee: 10 years**
- FireAngel W2 (WiSafe2), Z-Wave and Zigbee modules are suitable for receiving and can be networked with other CO and/or smoke detectors equipped with such modules, up to max. 50 units. If one of the products connected to the network gives an alarm, all the others will also give an alarm.



FireAngel

NM-CO-10X-INT

FIREANGEL CARBON MONOXIDE EMERGENCY ALARM

- Complies with EN 50291-1 and EN 50291-2 standards
- **electrochemical sensor**
- UL94 V0 flame retardant plastic
- CO sensor test mode
- end of life indication
- **power supply: built-in battery: 3 V, lithium, 10 years expected operating time**
- operating temperature: -10 °C - +40 °C
- permissible humidity: 30 - 90%, non-condensing
- **device LIFE CYCLE: 10 years**
- **warranty: 10 years**
- FireAngel W2 (WiSafe2), Z-Wave and Zigbee modules are suitable for receiving and can be networked with other CO and/or smoke detectors equipped with such modules, up to max. 50 units. If one of the products connected to the network gives an alarm, all the others will also give an alarm.

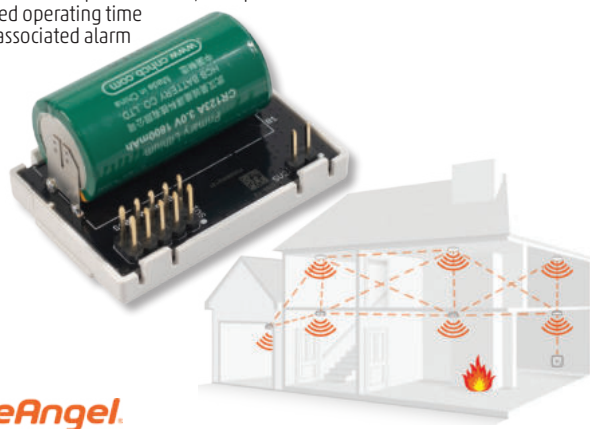


FireAngel

W2-MODULE

FIREANGEL W2 MODULE FOR ST-630 AND HT-630 MODELS

- Sensors equipped with this module can be integrated in a network. When installed in a network of products, if one alarm triggers, it will trigger alarm on all others.**
- power supply: built-in battery: 3V, lithium, 10 years expected operating time
- thanks to its own power source, the operation of the module has no effect on the expected operating time of the associated alarm



FireAngel

RT520RF

SALUS RF WIRELESS ROOM THERMOSTAT

- **contact terminal block and Opentherm communications connector** • boiler modulation mode (only with Opentherm central units) • flow / return temperature reading, boiler fault code (in Opentherm mode) • operation in Opentherm mode is subject to the availability of the standard Opentherm protocol in the boiler; this must be verified by the installing professional. • **optional Optimization mode** • **large size and intuitive LCD screen** • TPI self-learning algorithm (proportional + integrated time) • PIN code • **adjustable service warning** • temperature range: 5 to 32.5 °C • RF frequency: 868 MHz (up to 30 m) • **compatible with many Salus receivers** • power supply: 2 x 1,5 V (AA) battery, included • dimensions: 9,5 x 11,8 x 2,6 cm



RT520

SALUS WIRED ROOM THERMOSTAT

- **contact terminal block and Opentherm communications connector** • boiler modulation mode (only with Opentherm central units) • flow / return temperature, boiler fault code reading (in Opentherm mode) • operation in Opentherm mode is subject to the availability of the standard Opentherm protocol in the boiler; this must be verified by the installing professional. • **optional Optimization mode** • **large size and intuitive LCD screen** • PIN code • **adjustable service warning** • temperature range: 5 to 32,5 °C • power supply: 2 x 1,5 V (AA) battery, included • power supply: 9,5 x 11,8 x 2,6 cm • dimensions: 9,5 x 11,8 x 2,6



T140C110AEU DIGITAL ROOM THERMOSTAT T140

- easy to use
- **7 days of programming, 4 programs per day, self-learning algorithm**
- adjustable range 5 - 30 °C in 1 °C increments
- proportional adaptive mode - determines the length of the next cycle based on previous cycles
- **switchable pump protection function**
- for 2- or 3-wire installation
- can also be connected to a telephone controller and a home automation system
- **for conventional and combi boilers, electric heating and for use with zone valves**
- max. resistive load: 5 A (for 240 V~)
- max. capacitive load: 2 A (for 240 V~)
- external control input: 12 V DC +/- 10%, 2,5 mA
- power supply: 2 x 1,5 V (AA) batteries, not included

**T135C110AEU** DIGITAL ROOM THERMOSTAT DT135

- easy to use • **comfort, economical and holiday modes** • adjustable range 5 - 30 °C in 1 °C increments • proportional adaptive mode - determines the length of the next cycle based on previous cycles • **switchable pump protection function** • for 2-wire installation • can also be connected to a telephone controller and a home automation system • **for conventional and combi boilers, electric heating and for use with zone valves** • max. resistive load: 5 A (for 240 V~) • max. capacitive load: 2 A (for 240 V~) • external control input: 12 V DC +/- 10%, 2,5 mA • power supply: 2 x 1,5 V (AA) batteries, not included

**T136C110AEU** DIGITAL ROOM THERMOSTAT T136

- easy to use • **you can set the time for waking up, leaving, arriving home and going to bed, as well as the target temperature that can be assigned to them** • adjustable range 5 - 28 °C in 0,5 °C increments • proportional adaptive mode - determines the length of the next cycle based on previous cycles • **switchable pump protection function** • for 2-wire installation • can also be connected to a telephone controller and a home automation system • **for conventional and combi boilers, electric heating and for use with zone valves** • max. resistive load: 5 A (for 240 V~) • max. capacitive load: 2 A (for 240 V~) • external control input: 12 V DC +/- 10%, 5 mA • power supply: 2 x 1,5 V (AAA) batteries, not included

**T3C110AEU****ROOM THERMOSTAT, PROGRAMMABLE**

Ideal for conventional and combi boilers, underfloor heating and for use in zone locations

- **7-day programmable** • **maximum daily 6 times and temperatures can be fixed** • **LCD display with backlight** • automatic winter/summer time change
- built-in memory for the programs • extra functions: vacation, party, day off, cooling control • built-in frost protection setting (5 °C) • switch relay: 24...230 V / 3 A rez / 1 A ind. • power supply; thermostat unit: 2 x 1,5 V (AA) batteries, included • power supply; switch unit: 230 V / 50 Hz • dimensions: 13,6 x 9,6 x 2,6 cm

**DT90A1008****DIGITAL ROOM THERMOSTAT**

- **heating/cooling shift operation is possible** • 5 - 35 °C set point range in 0,5 °C steps • advanced self-learning control: adapts to the environment and ensures accurate temperature control • self-diagnosis of sensor failure • for 2-wire installation • 8 A resistive, 3 A inductive load capacity • wall or junction box mounting is possible • with low battery warning • power supply: 2 AA (LR6) alkali batteries, included • dimensions: 9 x 9 x 2,8 cm

**T6360A1079****MECHANICAL ROOM THERMOSTAT**

- temperature setpoint period: 10 - 30 °C • fix capacity hysteresis: 1 °C • temperature element: gas filled • **heating/cooling usage** • power supply: 230 V~ / 50 Hz
- dimensions: 8,3 x 8,3 x 4 cm

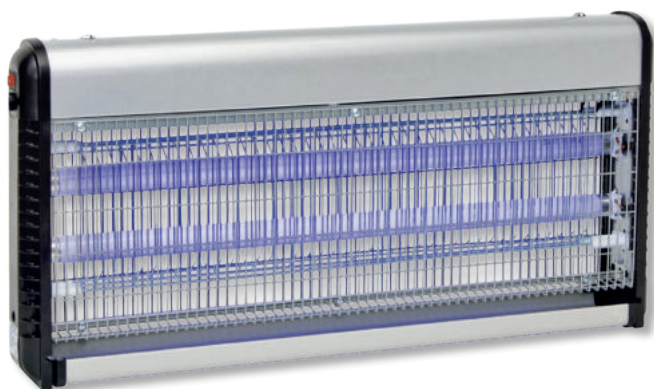


Insect and rodent repellent

IKM 150

INDOOR INSECT KILLER

- operation range 50 m²
- purple UV-A light
- with on/off switch
- removable insect collector tray
- **UV-A fluorescent tube: 2 x 8 W (T5 BL F8W)**
- length of power cable: 1 m
- power supply: 230 V~ / 50 Hz / 38 W
- dimensions: 66 x 32 x 9 cm



T8 F18W BL

SPARE LIGHT TUBE
FOR IKM150, 18 W

IKM 50

INDOOR INSECT KILLER

- operation range 50 m²
- purple UV-A light
- with on/off switch
- removable insect collector tray
- **UV-A fluorescent tube: 2 x 8 W (T5 F8W BL)**
- length of power cable: 1 m
- power supply: 230 V / 50 Hz / 16 W
- dimensions: 35 x 27,2 x 8,6 cm



T5 F8W BL

SPARE LIGHT TUBE
FOR IKM50, 8 W

IKF 50

ELECTRONIC INDOOR INSECT KILLER

- effective range: 50 m²
- purple UV-A light
- insect collection drawer
- **UV-A light source: 1 x 7 W** (cannot be changed by user)
- power supply: 230 V~ / 50 Hz / 11 W
- dimensions: Ø26,5 x 29,5 cm



IKF 40

ELECTRONIC INDOOR INSECT KILLER

- effective range: 40 m²
- purple UV-A light
- insect collection drawer
- **UV-A light source: 1 x 7 W** (cannot be changed by user)
- power supply: 230V~ / 50Hz / 12 W
- dimensions: Ø17,5 x 25 cm



IK 260

ELECTRONIC INDOOR INSECT KILLER

- effective range: 50 m²
- purple UV-A light
- twist-off insect collection tray
- **UV-A light source: 1 x 18 W**
(cannot be changed by user)
- power supply: 230 V~ / 50 Hz / 18 W
- dimensions: Ø12,5 x 32 cm



IK 250

ELECTRONIC INDOOR INSECT KILLER

- effective range: 40 m²
- purple UV-A light
- twist-off insect collection tray
- **UV-A UV-A light source: 1 x 11 W** (cannot be changed by user)
- power supply: 230 V~ / 50 Hz / 11 W
- dimensions: 11,5 x 30 x 10 cm



IK 230

INDOOR INSECT KILLER

- effective range of 20 m²
- purple UV-A light
- removable insect collector tray
- **UV-A fluorescent lamp: 1 x 4 W**
(not home replaceable)
- length of power cable: 1,2 m
- power supply: 230 V~ / 50 Hz / 4 W
- dimensions: 11,5 x 11,5 x 25 cm



IK 240

INDOOR INSECT KILLER

- effective range of 30 m²
- purple UV-A light
- removable insect collector tray
- **UV-A fluorescent lamp: 1 x 6 W**
(not home replaceable)
- length of power cable: 1,2 m
- power supply: 230 V~ / 50 Hz / 6 W
- dimensions: 13,5 x 13,5 x 32,5 cm



UH 10

ULTRASONIC INSECT REPELLENT

- keeps mosquitos away in closed spaces
- **effective range of 30 m²**
- power supply: 230 V~ / 50 Hz / 0,5 W
- dimensions: 5,6 x 3 x 2 cm



DOG 01

HANDHELD DOG REPELLENT

It repels and keeps dogs away with sound effects. Should only be used to repel offensive dogs.

- 10 m range
- 25 kHz frequency
- **inaudible by human ear**
- operation indicator LED
- **with accessory wrist strap**
- power supply: 1 X 9 V (6LR61), not included
- dimensions: 4 x 2,5 x 12,5 cm



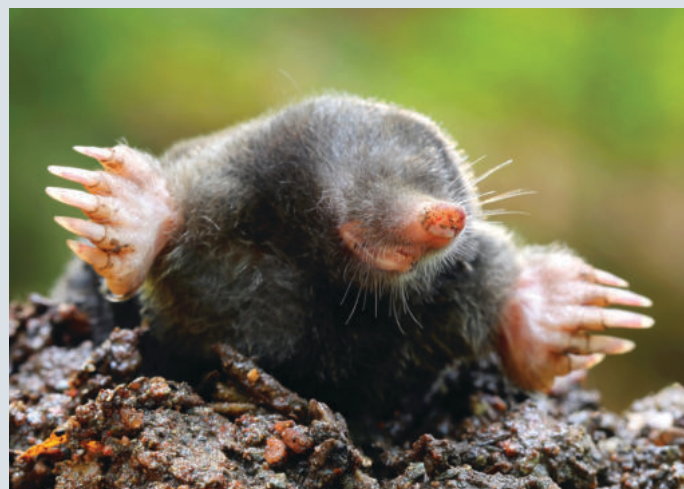
ISM 90210

MAGNETIC MOSQUITO NET FOR DOORS

- easy installation with the self-adhesive Velcro tape
- magnetic closing
- **ideal for doors measuring 90 x 210 cm**



VIDEO



IN 25131

MOLE REPELLENT STAKE

- Vole & Mole Free PowerVib 1250™
- **effective range: 1250 m²**
depending of the soil type
 - can be used on sandy soil
 - low frequency noise
 - circular spread
 - 4 x 1,5 V (D) battery, not included
 - length of the stake: 38 cm



SILVERLINE®

AR 01

ANIMAL REPELLENT STAKE

- Repels animals efficiently with sound and light signals.
- **suitable for keeping dogs, cats, foxes, martens and small rodents away**
 - the signals do not disturb other animals or humans
 - **PIR motion and light sensor – repels with ultrasonic at daytime, with ultrasonic and light signal at night**
 - frequency: 13 – 60 kHz
 - up to 8 meters and 120° motion detection range
 - **built-in solar panel**
 - power supply: 4 X 1,2 V 300 mAh NiMH (AA) replaceable accumulator, included
 - dimensions: Ø13 x 34 cm



VKS 04

SOLAR MOLE REPELLENT STAKE WITH LED LIGHT

- The vibration effectively scares off rodents and moles.
LED light illuminates and product can work at night due to the built-in accumulator.
- large solar panel (90 x 60 mm)
 - LED light in the upper part of the stake
 - 250 mm aluminium stake
 - emits vibration every 50 sec.
 - frequency range: 400 Hz +/- 100 Hz
 - **effective range: 800 m²**
 - built-in accumulator: 1,2 V / 300 mAh / AA (NiMH)
 - dimensions: Ø15 x 37 cm



VKS 02

SOLAR MOLE REPELLENT STAKE

- The vibration effectively scare off rodents and moles.
LED light illuminates and product can work at night due to the built-in accumulator.
- large solar panel (90 x 60 mm)
 - emits vibration every 30 sec.
 - frequency range: 400-1000 Hz
 - material: plastic + aluminium stake
 - **effective range: 350 m²**
 - built-in accumulator: 1,2 V / 600 mAh / AA (NiMH)
 - dimensions: Ø15 x 26 cm



VK 02

MOLE REPELLENT STAKE

- effectively repels underground rodents and moles using vibrations.
- suitable for keeping moles, voles and mole-rats away
- the signals do not disturb other animals or humans
- emits vibrations approx. at 50-second intervals (400 – 1000 Hz)
- **protects an area of up to 800 m², depending on the quality of the soil**
- long operating time
- power supply: 3 X 1,5 V LR20 (D), not included
- dimensions: 5 x 7 x 30 cm



VK 01

MOLE REPELLENT STAKE

- auto-vibrations keeps away rodents
- suitable for keeping moles, voles and mole-rats away
- the signals do not disturb other animals or humans
- **protects an area of up to 3000 m², depending on the quality of the soil**
- very low consumption, it works up to 2-3 months with one battery
- power supply: 1 x 6LR61 (9 V) battery, not included
- dimensions: Ø4,5 x 30 cm



IN 25350

BATTERY-OPERATED MARTEN AND CAT REPELLENT

Marten & Cat Free™

- built-in motion sensor, detects within 12 meters, the alarm and the red LED automatically activates
- IP44, protected against splashing water
- high frequency sound output
- effective range cca. 200 m²
- red LED status and light indicator
- power supply: 4 x 1,5 V (AA, LR 6) batteries, not included
- dimensions: 7,2 x 14,7 x 6 cm



SILVERLINE®

IN 25352

BATTERY-OPERATED MARTEN REPELLENT

Marten Free™

- ultrasonic signal output
- effective range: 50 m²
- for indoor use
- does not use poison
- harmless to children, birds, fish
- not interfering the other electrical appliances
- power supply: 3 x 1,5 V (LR 14) batteries, not included
- dimensions: 3,7 x 13 x 8 cm



SILVERLINE®

IN 25308

ELECTRIC MICE AND RAT REPELLENT

Mice & Rat Free 130™

- ultrasound and electromagnetic impulse combinations
- effective range: 130 m² ultrasound / 400 m² electromagnetic impulse
- for indoor use
- does not use poison
- harmless to children, cats, dogs, birds, fish
- not interfering the other electronic appliances
- power supply: 230 V~/4 W
- dimensions: 7,5 x 14 x 8 cm



SILVERLINE®

IN 25306

ELECTRIC MOUSE AND RAT REPELLENT

Mice & Rat Free™ 80™

- combined ultrasonic and electromagnetic impulse
- effective range: 80 m² ultrasonic / 200 m² electromagnetic
- for indoor use
- does not use poison
- harmless to children, cats, dogs, birds, fish
- power supply: 230 V~/ 1,8 W
- dimensions: 6,5 x 11,9 x 7 cm



SILVERLINE®

IN 25301

ELECTRIC MOUSE AND RAT REPELLENT

Mice & Rat Free 50™

- ultrasonic signal output
- effective range: 50 m²
- for indoor use
- does not use poison
- harmless to children, cats, dogs, birds, fish
- power supply: 230 V~/ 0,5 W
- dimensions: 6,2 x 8,5 x 6,4 cm



SILVERLINE®

IN 25304

ELECTRIC MOUSE AND RAT REPELLENT

Mice & Rat Free™ 30+30™

- ultrasonic signal output
- effective range: 30 m²
- for indoor use
- does not use poison
- harmless to children, cats, dogs, birds, fish
- power supply: 230 V~/ 2 W
- dimensions: 6,1 x 7,2 x 6,4 cm



SILVERLINE®

IN 25342

ELECTRIC SPIDER REPELLENT

Spider Free 30™

- alternate dual-frequency ultrasonic signal output
- effective range: 30 m²
- for indoor use
- does not use poison
- harmless to children, cats, dogs, birds, fish
- power supply: 230 V~/ 2 W
- dimensions: 6,2 x 8,5 x 6,4 cm



SILVERLINE®

IN 25370

ELECTRIC MOSQUITO REPELLENT

Mosquito Free 25™

- effective range: 25 m²
- for indoor use
- 2 different frequencies for optimum efficiencies
- does not use poison
- harmless to children, cats, dogs, birds, fish
- power supply: 230 V~/ 1 W
- dimensions: 6,2 x 8,9 x 7 cm



SILVERLINE®

Lighting technology

WF 01 WATER FOUNTAIN

- polyresin material
- for indoor use
- with warm white LEDs
- power supply: mains adapter included
- **dimensions: 29,5 x 48 x 23 cm**



VIDEO



WF 02 WATER FOUNTAIN

- polyresin material
- for indoor use
- with warm white LEDs
- power supply: mains adapter included
- **dimensions: 30,5 x 47,8 x 25,5 cm**



VIDEO



WF 03 WATER FOUNTAIN

- polyresin material
- for indoor use
- with warm white LEDs
- power supply: mains adapter included
- **dimensions: 20 x 25 x 15,5 cm**



VIDEO



WF 04 WATER FOUNTAIN

- polyresin material
- for indoor use
- with warm white LEDs
- power supply: mains adapter included
- **dimensions: 17 x 26 x 17 cm**



VIDEO



SWF 01 SOLAR GARDEN FOUNTAIN

- built-in solar panel
- **accessory 4-type nozzles**
- water column height up to 40 cm
- **IP X8 protection** - can be used under water, up to depth of 1 meter
- works automatically
- no need of battery
- **dimensions: ∅13 x 4 cm**



MX 400

SOLAR GARDEN TORCH

- realistic torch flame effect
- 2 W yellow LED
- **automatic switching on and off, selectable modes**
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- built-in micro USB socket
- weather-resistant design
- insertable to ground, can be placed on the table or hanged up
- built-in (3,7 V / 1200 mAh) Li-ion battery
- **dimensions: Ø12 x 71 cm**



VIDEO



MX 655/2

SOLAR WALL LAMP

- **painted aluminum and milk glass design**
- 2 warm white SMD LEDs
- built-in solar panel and battery charger: charges during the day, lights up at night
- weather resistant design
- **can be attached to the wall**
- built-in (1.2 V / 1000 mAh) Ni-MH battery
- **dimensions: 8.2 x 5.2 x 20.6 cm**



MX 300

SOLAR GARDEN TORCH

- realistic torch flame effect
- 72 yellow LEDs
- **automatic switching on and off**
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- built-in micro USB socket
- weather-resistant design
- insertable to ground
- built-in (3,7 V / 1200 mAh) Li-ion battery
- **dimensions: Ø13,5 x 78 cm**



VIDEO



MX 200

SOLAR GARDEN TORCH

- realistic torch flame effect
- 12 yellow LEDs
- **automatic switching on and off**
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- built-in micro USB socket
- weather-resistant design
- insertable to ground
- built-in (1,2 V / 300 mAh) NiMH battery
- **dimensions: Ø10 X 51 cm**



VIDEO



MX 812

SOLAR GARDEN LIGHT, GLASS SPHERE

- metal / glass design
- light source: **1 white LED**
- turns ON/OFF automatically
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof exterior
- insertable to ground
- replaceable (1,2 V/200 mAh) AA NiMH accumulator
- dimensions: **Ø8 x 37,5 cm**



MX 815

SOLAR GARDEN LIGHT

- metal / glass design
- 1 pcs colour changing LED
- automatic switch on and off
- built-in solar cell and battery charger: charging through the day and lighting through the night
- weatherproof design
- insertable to ground
- built-in (1,2V/ 600 mAh) NiMH battery
- dimensions: **Ø8 x 42 cm**



MX 826

SOLAR GARDEN LIGHT, GLASS SPHERE

- metal / glass design
- 2 modes: **1 white LED or 1 color changing LED**
- turns ON/OFF automatically
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof exterior
- insertable to ground
- replaceable (1,2 V/ 600 mAh) AA NiMH battery
- dimensions: **Ø12 x 56 cm**



MX 623

SOLAR GARDEN LIGHT

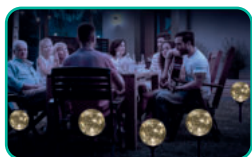
- glass lamp
- **20 pcs colorful micro LEDs**
- automatic switching on and off
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- weather-resistant design
- insertable to ground
- built-in (1,2V/ 600 mAh) NiMH battery
- dimensions: **Ø9 x 85 cm**



MX 624

SOLAR GARDEN LIGHT

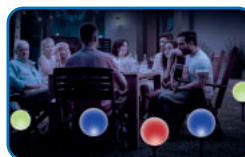
- glass lamp
- **20 pcs warm white micro LEDs**
- automatic switch on and off
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- weatherproof design
- insertable to ground
- built-in (1,2 V/ 600 mAh) NiMH battery
- dimensions: **Ø9 x 85 cm**



MX 625

SOLAR GARDEN LIGHT

- glass lamp head
- **1 pc color changing LED**
- automatic switching on and off
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- weather-resistant design
- insertable to ground
- built-in (1,2V/ 600 mAh) NiMH battery
- dimensions: **Ø8 x 60 cm**



MX 809

SOLAR GARDEN LIGHT

- metal / plastic design
- **1 pc warm white LED**
- automatic switch on and off
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- weatherproof design
- replaceable AAA battery (1,2 V/ 200 mAh)
- dimensions: **Ø7 x 34 cm**
- 12 pcs / display

Only available in display!



MX 762/2

SOLAR GARDEN LAMP

- stainless metal/plastic design
- **1 color changing LED**
- ON/OFF switch
- built-in solar panel and battery charger: charging during the daytime, lighting at night
- weather resistant design
- insertable to ground
- built-in (1,2 V/ 200 mAh) Ni-MH battery
- dimensions: **Ø12.5 x 36.6 cm**



MX 807/4

SOLAR GARDEN LIGHT, 4 PCS

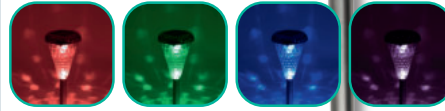
- metal / plastic design
- **light source: 1 white LED**
- turns ON/OFF automatically
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof design
- insertable to ground
- replaceable (1,2 V 200 mAh) AAA NiMH battery
- **dimensions: Ø8 x 37,5 cm**



MX 811/4

SOLAR GARDEN LIGHT, 4 PCS

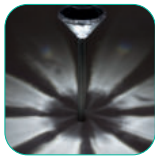
- metal / glass / plastic design
- **light source: 1 color changing LED**
- turns ON/OFF automatically
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof design
- insertable to ground
- replaceable (1,2 V 200 mAh) AAA NiMH battery
- **dimensions: Ø8 x 37 cm**



MX 802/4

SOLAR GARDEN LIGHT, 4 PCS

- metal / plastic design
- **light source: 1 white LED**
- turns ON/OFF automatically
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof design
- **crystal-like head**
- insertable to ground
- replaceable (1,2 V / 200 mAh) AAA NiMH battery
- **dimensions: Ø8 x 34,5 cm**



MX 808

SOLAR GARDEN LIGHT

- stainless steel metal / plastic design
- **1 pc cold white LED**
- automatic ON/OFF switch
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weather-resistant design
- easy to install with stake
- replaceable (1,2 V / 100 mAh) NiMH battery
- **dimensions: Ø10,5 x 37,5 cm**



MX 715D

SOLAR GARDEN LIGHT

- turns ON/OFF automatically
- **up to 8 hours of continuous operation**
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- 1 bright white LED
- weatherproof design
- made of stainless steel
- insertable to ground
- replaceable (1,2 V / 600 mAh) AA NiMH battery
- **dimensions: Ø12 x 40 cm**



MX 819/1

SOLAR GARDEN LIGHT

- made of metal / plastic
- **1 Ø5 mm white, and 1 Ø5 mm color changing LED**
- auto turn on and off
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof design
- insertable to ground
- replaceable (1,2 V / 300 mAh) AAA NiMH battery
- **dimensions: Ø6 x 41,5 cm**



MX 720

SOLAR GARDEN LIGHT

- made of plastic
- **light source: 1 white LED**
- turns ON/OFF automatically
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- weatherproof design
- insertable to ground
- replaceable (1,2 V / 200 mAh) AAA NiMH battery
- **dimensions: 4,9 x 4,9 x 38 cm**
- 12 pcs / display

Only available in display!



MX 760

SOLAR GARDEN LIGHT

- turns ON/OFF automatically
- **up to 8 hours of continuous operation**
- built-in solar panel and accumulator charger: charges at daytime, lights at night
- 1 bright white LED
- weatherproof design
- insertable to ground
- replaceable (1,2 V / 600 mAh) AA NiMH battery
- **dimensions: Ø12,5 x 45,5 cm**



MX 637

SOLAR GARDEN LIGHT

- weatherproof design
- **1 pc warm white LED**
- automatic switch on and off
- built-in solar cell and battery charger: the appliance charging during daytime, lighting at night
- replaceable AAA battery (1.2 V/200 mAh)
- **dimensions: 17,5 x 23 x 15 cm**



VIDEO



MX 642

SOLAR GARDEN LIGHT

- weatherproof design
- 1 pc warm white LED
- automatic switch on and off
- built-in solar cell and battery charger: the appliance charging during daytime, lighting at night
- replaceable AAA battery (1.2 V/200 mAh)
- **dimensions: 17,5 x 23 x 15 cm**



VIDEO



MX 639

SOLAR GARDEN LIGHT

- resin and plastic design
- **2 pcs white LEDs**
- automatic switch on and off
- built-in solar cell and battery charger: the appliance charges during the day, and illuminates during the night
- weatherproof design
- built-in NiMH battery (1,2 V/40 mAh)
- **dimensions:**
mushroom: 12,5 x 11 x 11 cm
owl: 13 x 9,5 x 8 cm
snail: 13 x 12 cm x 7 cm
- 9 pcs / display



VIDEO



Only available in display!

MX 632C

SOLAR LAMP, SMURF FIGURE

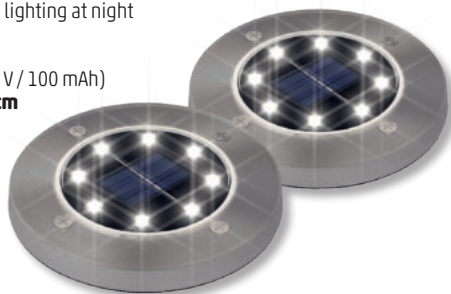
- turns ON/OFF automatically: charges at daytime, lights at night
- **up to 8 hours of continuous operation**
- 1 bright color changing LED
- built-in solar panel and accumulator charger
- replaceable (1,2 V / 600 mAh) AA NiMH battery
- **size: 25 cm**



MX 626/2

SOLAR GARDEN LAMP, 2 PCS SET

- metal-plastic design
- **8 pcs white SMD LEDs**
- automatic switch on and off
- built-in solar cell and battery charger: the appliance charging during daytime, lighting at night
- weather-resistant design
- insertable to ground
- built-in NiMH battery (1,2 V / 100 mAh)
- **dimensions: Ø12,5 x 2 cm**



VIDEO



MX 650

SOLAR PANEL GARDEN TORCH

- **can be installed on gutters, fence, wall**
- plastic design
- 3 pcs high brightness white LEDs
- automatic on/off switch
- built-in solar panel and battery charger: charging during daytime, lighting at night
- weather-resistant design
- built-in (1,2 V / 600 mAh) NiMH battery
- **dimensions: Ø12 (17) x 6 cm**



MX 618 SERIES SOLAR POWERED GARDEN DECORATION

- wireless, energy saving garden lamp
- 1 pc powerful white LED
- automatic switch on and off: charging during daytime, lighting at night
- built-in solar cell and battery charger
- **up to 8 hours of continuous operation**
- replaceable battery
- insertable to ground
- weather-resistant exterior
- **size: ~50 cm**

- MX 618P** - butterfly
- MX 618K** - hummingbird
- MX 618S** - dragonfly

VIDEO



MX 651

SOLAR WALL LIGHT

- made of plastic
- **1 pc high intensity warm white SMD LED**
- automatic switch on and off
- built-in solar cell and battery charger:
the appliance charging during daytime, lighting at night
- weather-resistant design
- screw and dowel for wall mounting included
- **replaceable LiFePO4 battery (3,2 V / 800 mAh)**
- **dimensions: 10 x 10 x 10 cm**



VIDEO



M 302AAA

RECHARGEABLE BATTERY

- NiMH battery
- mini pencil (AAA) size
- **300 mAh**
- 2 pcs/blister



M 702AA

RECHARGEABLE BATTERY

- NiMH battery
- pencil (AA) size
- **700 mAh**
- 2 pcs/blister



CDS 93

SOLAR CANDLE

- weather-resistant design
- **1 orange LED with candle flame effect**
- automatic switch on and off
- built-in solar cell and battery charger:
charging during daytime, lighting at night
- replaceable AAA battery (1,2 V / 200 mAh)
- **dimensions: Ø6 x 9 cm**
- 3 pcs / box



VIDEO



FOL 1

FIBER OPTIC LED LIGHT

- indoor design
- 3 LEDs (red/blue/green)
- **continuously changing color**
- power supply: 3 x 1,5 V (AA) batteries (not included)
- **Ø8 x 8 cm lamp body**
- 26 cm long optical fibres



LTN 11/PL

LED LANTERN

- indoor design
- metal
- 1 flickering, orange LED tea light
- power supply: 1 x 3 V (CR2032) button cell, included
- **dimensions: Ø12 x 11 cm**
- purple



GB 23 SERIES

DECORATION BOTTLE WITH LED TEA LIGHT

- indoor design
- can be hung, 30 cm chain
- **1 flickering, orange LED tea light**
- power supply: 1 x 3 V (CR2032) button cell, included
- **dimensions: Ø8 x 23 cm**

GB 23/BL

- blue

GB 23/YE

- yellow

GB 23/RD

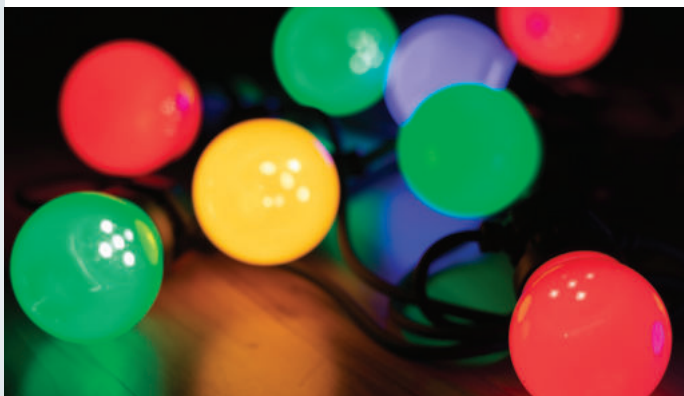
- red



LPL 30/M

LED LIGHT CHAIN

- **out- and indoor design**
- 30 colored LED bulbs
- 5 cm plastic bulbs
- power supply: 230 V~ / 24 V adapter
- dimensions: 14,5 m + 5 m power cable



LPL 10M

PARTY LIGHT CHAIN, CONNECTABLE, WITH LED

- **indoor and outdoor design**
- 10 colorful LED spheres
- steady light
- black wire
- size: 5 m

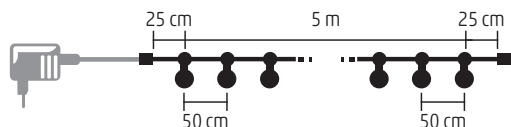
Maximum 5 products are connectable with each other!

Cannot be connected with other products!

Without power cable and adapter!

For power connection, use only LPA 9W (24 V~ / 9 W) type powerline adapter and LPC 50M power cable distributed by Somogyi Elektronik!

With one power connection, maximum 50 LED spheres can be operated!



Up to 5 chains can be powered from a single mains connection!



LPA 9W

OUT- AND INDOOR MAINS ADAPTER

- IP44, protected against splashing water
- Can only be directly connected to LPC 5M power cord distributed by Somogyi Elektronik!



LPL 10 GLOBE

PARTY LIGHT CHAIN, CONNECTABLE, WITH MICRO LEDS

- **outdoor and indoor design**
- **Ø8 cm clear, plastic hoods**
- 10 LED spheres with warm white light
- 18 constant light and 2 flashing LEDs per sphere
- a total of 200 micro LEDs
- black rubber cable
- power supply: outdoor IP44 network adapter
- **dimensions: 4.5 m + 5 m power cable**

Up to **3 of the products can be connected** to each other with one network connection (30 LED balls)! Cannot be combined with other products!



LPL 10 PAPAYA

PARTY LIGHT CHAIN, CONNECTABLE, WITH FILAMENT LEDS

- **outdoor and indoor design**
- **10 water-clear, plastic papaya-shaped bulbs**
- 1 filament LED with warm white constant light per bulb
- black rubber cable
- power supply: outdoor IP44 network adapter
- **dimensions: 4.5 m + 5 m power cable**

Up to **3 of the products can be connected** to each other with one network connection (30 papaya bulbs)! Cannot be combined with other products!



LPC 5M

5 M POWER CORD / EXTENSION CORD

- 5 m power cord / extension cord
- out- and indoor design
- Can only be connected with LPL 10M product, used with LPA 9W mains adapter distributed by Somogyi Elektronik!



LA 10 Q

TABLE LAMP WITH WIRELESS CHARGER

- 600 lumen brightness, power: 6 W
- **the head part can be adjusted to the right and left in a variety of ways**
- extendable phone holder
- touch buttons
- warm white and cold white SMD LEDs
- **adjustable brightness, 5 levels**
- **adjustable color temperature** (warm white, cold white, natural)
- thermometer, clock (12/24), calendar, alarm
- LCD display with backlight that can be turned off
- **built-in wireless charger (Qi max. 10 W)**
- wired USB charging socket (5 V \approx / max. 2.1A)
- network adapter included
- clock power supply: 1 x 3 V (CR 2032) battery, included
- dimensions:

The LED light source in the lamp cannot be replaced.

VIDEO



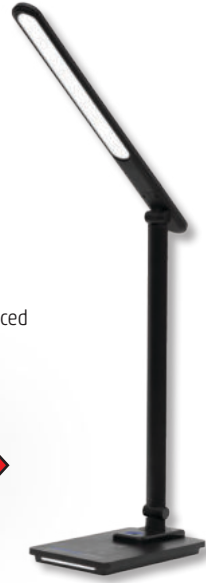
LA 4

TABLE LAMP WITH NIGHT LIGHT

- **the head part can be adjusted to the right and left in a variety of ways**
- touch buttons
- warm white and cold white SMD LEDs
- **adjustable brightness**
- **adjustable color temperature, 5 levels**
- **separately switchable night light**
- selectable switch-off time, 45 minutes
- wired USB charging socket (5 V \approx / max. 1.0 A)
- USB A - USB C power cable included
- recommended network USB adapter: 5 V \approx / min. 2.1 A (e.g. SA 24USB)
- dimensions: 11.5 x 41.2 x 37 cm

The LED light source in the lamp cannot be replaced

VIDEO



LA 51

LED TABLE LAMP WITH CLOCK

- **5 W / 400 lm**
- touch buttons
- LCD display with blue background light
- **temperature sensor, clock (12/24), calendar, alarm**
- power supply of the clock: 1 x 3 V (CR 2032) battery, not included
- **4 warm white and 10 cold white SMD LEDs**
- adjustable brightness (5 stages)
- **adjustable color temperature** (warm white, cold white, natural)
- power supply USB adapter: PRI: 230 V \sim / 50 Hz; SEC: 5 V \approx / 1500 mA
- dimensions: 26 x 33 x 15 cm

The LED light source in the lamp cannot be replaced.



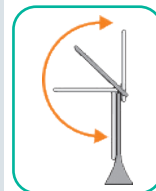
VIDEO



LA 3

LED TABLE LAMP

- **2 W / 200 lm**
- touch buttons
- **20 of cold white SMD LEDs**
- **adjustable brightness (3 stages)**
- power supply: USB mains adapter, included: PRI: 230 V \sim / 50 Hz; SEC: 5 V \approx / 1000 mA
- alkaline batteries: 3 x 1,5 V (AA), not included
- dimensions: 8 x 25,5 x 18,5 cm



VIDEO



GL 05

LED FLASHLIGHT

- 1 x 3 W cold white (4200 K) COB LED
- **can be turned on and off** by pushing the button on the lamp shade
- massive plastic housing, **with self-adhesive surface**
- power supply: 3 x 1,5 V (AAA) batteries, not included
- dimensions: \varnothing 10 x 3 cm



GL 03

LED FURNITURE LIGHTING

- 3 cold white LEDs
- **can be turned on and off** by pushing the lamp shade
- massive plastic housing, **with self-adhesive surface**
- power supply: 3 x 1,5 V (AAA) batteries, not included
- dimensions: \varnothing 7 x 2,5 cm



PNL 5

ROTATING LED LIGHT WITH MOTION DETECTOR

- powerful, 2 W COB LED • magnetic base
- **PIR motion detector** • **detection angle: ~110°**
- **detection distance: ~4 m** • modes: ON, OFF, AUTO
- in the dark, in AUTO mode it turns on when detecting motion for ~ 25 sec • can be used as desk, wall-mount lamp or flashlight • accessory screws and double sided adhesive • in the luminaire the LED light source is not replaceable • power supply: 3 x AAA (1,5 V) batteries, not included • dimensions: Ø7,5 x 7,8 cm



SLL 600

LED SPOTLIGHT, WITH LIGHT DETECTOR

- plastic luminaire and lampshade
- 6 cold white SMD LEDs
- **the brightness increasing as** the ambient light decreases
- power supply: 230 V~ / 50 Hz / 1,2 W
- dimensions: 5,6 x 11,5 x 2,5 cm



PNL 22

LED STAIR LIGHT WITH MOTION SENSOR

- **2 W warm white COB LED spotlight**
- switching to amber night light
- **PIR motion sensor (4 m, 120°, +30 sec)**
- magnetic mounting
- power supply: 3 x 1,5 V (AAA) batteries, not included
- dimensions: 5 x 9 x 3,2 cm



SLL 500

LED SPOTLIGHT, WITH LIGHT DETECTOR

- 230 V~ / 50 Hz / 0,7 W
- 5 long-life LEDs
- automatic power on/off
- **automatic brightness adjustment**
- **for indoor use**
- very low consumption
- dimensions: 4,5 x 11,5 x 4 cm



PNL 6

MOTION SENSOR LAMP

- automatically switches on when it detects motion
- **economical:** not lit in bright environments
- **eye-friendly, gives a pleasant warm white light**
- **no glare**, provides a soft light
- **with PIR motion sensor and light sensor**
- mountable: with magnets, glue, screws, hanging
- accessories: built-in magnet, self-adhesive metal sheet, double-sided adhesive, hanging tape
- power supply: 3 x 1,5 V (AAA) batteries, not included
- dimensions: Ø8 x 2,4 cm



LNL 500

LED SPOTLIGHT, WITH SWITCH

- 230 V~ / 50 Hz / 0,7 W
- 5 long-life LEDs
- **very low consumption**
- **indoor design**
- dimensions: 4,5 x 11,5 x 4 cm



PNL 7

MOTION SENSOR LAMP

- automatically switches on when it detects motion • **economical:** does not switch on in bright environments • **with PIR motion sensor and light sensor** • automatic or continuous lighting modes • **cool white; illuminates details well** • **practical as a handheld lantern** at home • ideal in furniture, garage, pathways • can be mounted with magnets or self-adhesive glue • accessories: built-in magnet, self-adhesive metal sheet • power supply: 4 x 1,5 V (AAA) batteries, not included • dimensions: 23,6 x 3 x 1,4 cm



SNL 300/T

BULB

- **2 pcs/pack**
- 230 V~ / 7 W
- **E14 socket**
- suitable for SNL 300, SNL 310, SNL 320 spotlights
- dimensions: Ø2,5 x 5,5 cm



PLZ 1/WH

LED CORD LAMP

- for indoor use
- **turn on/off by pulling the cord**
- 1 pc Ø8 mm cold white LED
- length of cord: 100 cm
- dimensions of the lamp: Ø5,5 x 15,5 cm
- power supply: 3 x 1,5 V (AAA) batteries, not included



LNL 120

LED SPOTLIGHT, WITH SWITCH

- 230 V~ / 50 Hz / 0,7 W
- 3 long-life LEDs
- **very low consumption**
- **for indoor use**
- dimensions: 7 x 6,7 x 2,5 cm



NEB-SPT-1005-G NEBO MASTER SERIES SL25

- solid and reliable 500 lumen flashlight
- USB-C rechargeable, battery type: 2pcs 21700
- magnetic mode dial
- intelligent performance control
- optimized performance curve
- can be mounted on a stand (1/4-20)
- reversible/removable steel clip
- **waterproof (IP67)**
- impact resistant (2 meters)
- anodized aircraft quality aluminum
- ergonomic rubberized grip
- strong magnetic base
- LED power/charge indicator
- operating modes:
- spot (500 lumens) - 6.5 hours / 400 meters**
- white COB (600 lumens) - 6 hours / 38 meters
- red COB (30 lumens) - 10.5 hours / 12 meters
- dimensions: 15.5 x 5.6 x 19.5 cm



NEBO

NEB-FLT-1009-G NEBO MASTER SERIES FL3000

- solid and reliable 3000 lumen flashlight
- rechargeable, battery type: 18650
- magnetic mode dial
- intelligent performance control
- optimized performance curve
- **adjustable 3x zoom**
- **waterproof (IP67)**
- impact resistant (2 meters)
- anodized aircraft-grade aluminum
- ergonomic rubberized grip
- strong magnetic base
- LED power/charge indicator
- operating modes:
- turbo (3000 lumens) - 30 seconds / 265 meters**
- high (1500 lumens) - 2 hours / 188 meters
- medium (800 lumens) - 4 hours / 106 meters
- low (100 lumens) - 12 hours / 52 meters
- stroboscope (1500 lumens) - 2 hours / 188 meters
- dimensions: 17.3 x Ø4.2 cm



NEBO

NEB-FLT-1017-G NEBO MASTER SERIES FL1500

- solid and reliable 1500 lumen flashlight
- rechargeable, battery type: 18650
- magnetic mode dial
- intelligent performance control
- optimized performance curve
- **adjustable 3x zoom**
- **waterproof (IP67)**
- impact resistant (2 meters)
- anodized aircraft-grade aluminum
- ergonomic rubberized grip
- strong magnetic base
- LED power/charge indicator
- operating modes:
- turbo (1500 lumens) - 30 sec / 219 meters**
- high (750 lumens) - 2 hours / 165 meters
- medium (350 lumens) - 4 hours / 106 meters
- low (50 lumens) - 12 hours / 51 meters
- stroboscope (750 lumens) - 2 hours / 165 meters
- dimensions x 3.7 cm



NEBO

NEB-FLT-1018-G NEBO MASTER SERIES FL750

- solid and reliable 750 lumen flashlight
- rechargeable, battery type: 16340
- magnetic mode dial
- intelligent performance control
- optimized performance curve
- **adjustable 2x zoom**
- pocket clip
- **waterproof (IP67)**
- impact resistant (2 meters)
- anodized aircraft-grade aluminum
- ergonomic rubberized grip
- powerful magnetic base
- LED power/charge indicator
- operating modes:
- turbo (750 lumens) - 30 seconds / 121 meters**
- high (375 lumens) - 1 hour / 90 meters
- medium (180 lumens) - 2 hours / 63 meters
- low (45 lumens) - 6 hours / 28 meters
- stroboscope (375 lumens) - 1 hour / 90 meters
- dimensions: 13,5 x Ø3,5 cm



NEBO

NEB-POC-1002-G NEBO MASTER SERIES PL500

- solid and reliable 500 lumen pen light
- USB-C rechargeable, battery type: 10850
- magnetic mode dial
- intelligent performance control
- optimized performance curve
- **adjustable 4x zoom**
- pocket clip
- **waterproof (IP67)**
- impact resistant (2 meters)
- anodized aircraft-grade aluminum
- ergonomic rubberized grip
- strong magnetic base
- LED power/charge indicator
- operating modes:
- turbo (500 lumens) - 30 seconds / 70 meters**
- high (250 lumens) - 2 hours / 49 meters
- medium (125 lumens) - 4 hours / 36 meters
- low (25 lumens) - 8 hours / 21 meters
- stroboscope (250 lumens) - 2 hours / 49 meters
- dimensions: 17 x Ø1,9 cm



NEBO

NEB-HLP-1006-G NEBO MASTER SERIES HL1000

- solid and reliable 1000 lumen headlamp
- USB-C rechargeable, battery type: 18650
- magnetic mode dial
- intelligent performance control
- optimized performance curve
- strong magnetic base
- removable holder
- **waterproof (IP67)**
- impact resistant (2 meters)
- anodized aircraft quality aluminum
- LED power/charge indicator
- operating modes:
- turbo (1000 lumens) - 30 seconds / 138 meters**
- high (500 lumens) - 2 hours / 102 meters
- medium (200 lumens) - 5 hours / 63 meters
- low (30 lumens) - 40 hours / 26 meters
- stroboscope (500 lumens) - 2 hours / 102 meters
- dimensions of the head lamp : 9,9 x 3,6 x 2,8 cm



NEBO

NEB-SPT-1000-G NEBO LUXTREME SL75

- anodized, aviation-grade aluminum
- **waterproof and dustproof (IP67), shockproof**
- mode selector dial
- **can be mounted on a standard 1/4" tripod**
- belt clip
- **strong magnetic base**
- **9000 mAh battery**
- **high brightness (780 lm): 5 hours / 1200 meters**
- medium brightness (400 lm): 10.5 hours / 793 meters
- low brightness (100 lm): 30 hours / 374 meters
- dimensions: 20,5 x 12 x 7,3 cm



NEBO

NEB-SPT-1003-G NEBO LUXTREME SL50

- anodized, aviation-grade aluminum
- **waterproof and dustproof (IP67), shockproof**
- mode selector dial
- **can be mounted on a standard 1/4" tripod**
- belt clip
- **strong magnetic base**
- **9000 mAh battery**
- **high brightness (450 lm): 8 hours / 800 meters**
- medium brightness (250 lm): 19 hours / 565 meters
- low brightness (50 lm): 40 hours / 246 meters
- dimensions: 19,5 x 10 x 6 cm



NEBO

NEB-SPT-1004-G NEBO LUXTREME SL25R

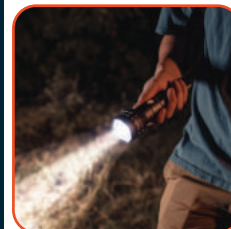
- anodized, aviation-grade aluminum
- **waterproof and dustproof (IP67), shockproof**
- mode selector dial
- **can be mounted on a standard 1/4" tripod**
- belt clip
- **strong magnetic base**
- 2000 mAh battery
- **searchlight function (500 lm): 2 hours / 400 meters**
- scattered light (300 lm): 3.5 hours / 25 meters
- red scattered light (30 lm): 6 hours / 12 meters
- dimensions: 8,57 x 6,03 x 18 cm



NEBO

NEB-FLT-1008-G NEBO LUXTREME

- **battery powered flashlight with half-mile beam**
- anodised aerospace grade aluminium body
- Direct-to-low function
- IP66 dust and water resistant
- **high power mode (500 lumens): 3 hours / 900 meters**
- medium power mode (250 lm): 6 hours / 636 meters
- low power mode (50 lm): 15 hours / 201 meters
- flashing mode (400 lm): 4 hours / 805 meters
- **4000 mAh battery**
- dimensions: 20 x Ø5,8 cm



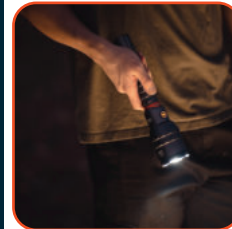
NEBO

NEB-FLT-1015-G DAVINCI 18000

- **18000 lm**
- anodised, aviation-grade aluminum
- **waterproof (IP67) and impact resistant**
- 2x zoom
- Smart Power Control (SPC)
- Smart Temperature Control (STC)
- **turbo (18000 lm): 30 second intervals / 22 meter**
- **high power mode (10000 lm): 2 hours / 189 meters**
- medium power mode (5000 lm): 3 hours / 133 meters
- low power mode (800 lm): 12 hours / 53 meters
- flashing mode (18000 lm): 2 hours / 253 meters
- **5000 mAh, 7,4 V battery**
- dimensions: 35 x Ø6,5 cm

**NEBO****NEB-FLT-1007-G NEBO 12K**

- **12000 lm**
- anodized, aviation-grade aluminum
- **waterproof (IP67) and impact resistant**
- 2x zoom
- Smart Power Control (SPC)
- **Closed-Loop temperature control**
- **power bank**
- **turbo (12000 lm): 30 second intervals / 220 meters**
- **high power mode (7000 lm): 2 hours / 164 meters**
- medium power mode (3000 lm): 3 hours / 114 meters
- low power mode (300 lm): 12 hours / 36 meters
- flashing mode (12000 lm): 2 hours / 220 meters
- **5000 mAh battery**
- dimensions: 29,9 x Ø5,79 cm

**NEBO****NEB-WLT-1003-G NEBO SLYDE KING K**

- **2000 lm**
- anodised aerospace grade aluminium
- rubber grip
- **waterproof (IP67) and impact resistant**
- strong magnetic base
- 4x zoom
- flashlight:
 - **high power mode (2000 lm): 2 hours / 409 meters**
 - low power mode (200 lm): 12 hours / 125 meters
- workshop light:
 - **high power mode (500 lm): 4 hours / 34 meters**
 - low power mode (50 lm): 24 hours / 10 meters
- red light:
 - **high power mode (40 lm): 6 hours / 9 meters**
 - low power mode (4 lm): 60 hours / 3 meters
- **2000 mAh battery**
- dimensions (folded): 19,5 x Ø4,12 cm

**NEBO****NEB-FLT-1006-G NEBO TORCHY 2K**

- **2000 lm**
- anodised aerospace grade aluminium
- **waterproof (IP66) and impact resistant**
- removable belt clip
- **turbo (2000 lm): 30 second intervals / 184 meters**
- **high power mode (500 lm): 2 hours / 60 meters**
- medium power mode (200 lm): 2 hours / 60 meters
- low power mode (50 lm): 9 hours / 30 meters
- flashing mode (500 lm): 1,5 hours / 100 meters
- **2000 mAh battery**
- dimensions: 11 x Ø2,7 cm

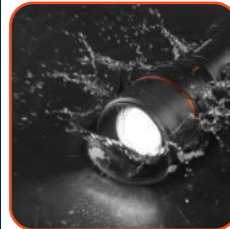
**NEBO**

NEB-FLT-0022-G**NEBO DAVINCI™ 5000**

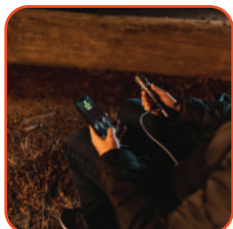
- 5000 lm
- anodised aerospace grade aluminium
- **waterproof and dust resistant (IP67)**
- **mode selector dial**
- 3x zoom
- **high brightness (5000 lm): 2 hours / 192 meters**
- medium brightness (1000 lm): 5 hours / 90 meters
- low brightness (100 lm): 20 hours / 31 meters
- flashing mode (5000 lm): 2 hours / 192 meters
- **power bank**
- **4500 mAh battery**
- dimensions (folded): 26 x Ø5 cm

**NEBO****NEB-FLT-0021-G****NEBO DAVINCI™ 3500**

- 3500 lm
- anodised aerospace grade aluminium
- **waterproof and dust resistant (IP67)**
- **mode selector dial**
- 3x zoom
- **high brightness (3500 lm): 2 hours / 131 meters**
- medium brightness (700 lm): 5 hours / 65 meters
- low brightness (70 lm): 20 hours / 32 meters
- flashing mode (3500 lm): 2 hours / 131 meters
- **power bank**
- **4500 Ah battery**
- dimensions (folded): 20,6 x Ø4,8 cm

**NEBO****NEB-FLT-0020-G****NEBO DAVINCI™ 2000**

- 2000 lm
- anodised aerospace grade aluminium
- **waterproof and dust resistant (IP67)**
- **mode selector dial**
- 4x zoom
- **high brightness (2000 lm): 2 hours / 259 meters**
- medium brightness (800 lm): 5 hours / 170 meters
- low brightness (200 lm): 20 hours / 97 meters
- flashing mode (2000 lm): 2 hours / 259 meters
- **power bank**
- **2000 mAh battery**
- dimensions (folded): 18,4 x Ø3,5 cm

**NEBO****NEB-FLT-0018-G****NEBO DAVINCI™ 1000**

- 1000 lm
- anodised aerospace grade aluminium
- **waterproof and dust resistant (IP67)**
- **mode selector dial**
- 6x zoom
- **high brightness (1000 lm): 2 hours / 299 meters**
- medium brightness (400 lm): 5 hours / 198 meters
- low brightness (100 lm): 20 hours / 94 meters
- flashing mode (1000 lm): 2 hours / 299 meters
- 2000 mAh battery
- dimensions (folded): 15,9 x Ø3,5 cm

**NEBO**

NEB-FLT-0017-G NEBO NEWTON 1500

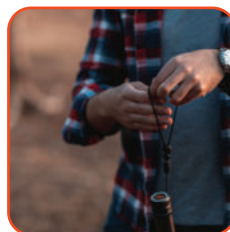
- **1500 lm**
- anodised aerospace grade aluminium
- **waterproof and dust resistant (IP67)**
- 3x zoom
- **high brightness (1500 lm): 2 hours / 182 meters**
- medium brightness (900 lm): 5 hours / 143 meters
- low brightness (90 lm): 20 hours / 46 meters
- flashing mode (1500 lm): 2 hours / 182 meters
- **6 x 1,5 V (AAA) batteries, included**
- dimensions (folded): 21 x Ø5 cm



NEBO

NEB-FLT-0016-G NEBO NEWTON 1000

- **1000 lm**
- anodised aerospace grade aluminium
- **waterproof and dust resistant (IP67)**
- 3x zoom
- **high brightness (1000 lm): 2 hours / 145 meters**
- medium brightness (600 lm): 5 hours / 102 meters
- low brightness (60 lm): 20 hours / 42 meters
- flashing mode (1000 lm): 2 hours / 45 meters
- **4 x 1,5 V (AAA) batteries, included**
- dimensions (folded): 18 x Ø4,6 cm



NEBO



NEB-FLT-0014-G NEBO NEWTON 500

- **500 lm**
- **waterproof and dust resistant (IP67)**
- **mode selector dial**
- 4x zoom
- **high brightness (500 lm): 2 hours / 46 meters**
- medium brightness (300 lm): 5 hours / 37 meters
- low brightness (30 lm): 20 hours / 14 meters
- flashing mode (500 lm): 2 hours / 46 meters
- **3 x 1,5 V (AAA) batteries, included**
- dimensions (collapsed): 13,3 x Ø3,4 cm



NEBO

NEB-WLT-0025-G NEBO FRANKLIN SLIDE

- anodised aerospace grade aluminium
- waterproof (IPX4)
- retractable belt clip
- **magnetic base**
- **flashlight in high brightness mode (500 lm): 2,5 hours / 160 meters**
- flashlight in low brightness mode (50 lm): 19 hours / 51 meters
- **workshop lamp in brightness mode (500 lm): 3,5 hours / 37 meters**
- workshop lamp in low brightness mode (50 lm): 20 hours / 12 meters
- **red lamp high brightness mode (40 lm): 5,5 hours / 9 meters**
- **red lamp low brightness mode (4 lm): 60 hours / 4 meters**
- red lamp flashing light (40 lm): 24 hours / 9 meters
- **2000 mAh battery**
- dimensions (collapsed): 19,8 x Ø4,6 cm



NEBO

NEB-WLT-0024-G NEBO FRANKLIN TWIST

- anodised aerospace grade aluminium
- waterproof (IPX4)
- retractable belt clip
- **4x zoom**
- **magnetic base**
- **flashlight in high brightness mode (400 lm): 2 hours / 89 meters**
- flashlight in low brightness mode (40 lm): 26 hours / 28 meters
- **workshop lamp in 120° high brightness mode (75 lm): 10 hours / 11 meters**
- workshop lamp in 120° low brightness mode (10 lm): 26 hours / 4 meters
- **lantern function in 360° high brightness mode (200 lm): 2 hours / 13 meters**
- lantern function in 360° low brightness mode (20 lm): 13 hours / 4 meters
- **2000 mAh battery**
- dimensions (collapsed): 17,8 x Ø4,6 cm



NEBO

NEB-WLT-0023-G NEBO FRANKLIN PIVOT

- anodised aerospace grade aluminium
- waterproof (IPX4)
- retractable belt clip
- **pivoting head**
- **magnetic base**
- **flashlight in high brightness mode (300 lm): 5 hours / 120 meters**
- flashlight in low brightness mode (30 lm): 20 hours / 44 meters
- **white workshop lamp in high brightness mode (300 lm): 5,5 hours / 20 meters**
- white workshop lamp in low brightness mode (30 lm): 20 hours / 6 meters
- **red workshop lamp in high brightness mode (30 lm): 10 hours / 6 meters**
- red workshop lamp in low brightness mode (3 lm): 30 hours / 2 meters
- red flashing light (30 lm): 20 hours / 6 meters
- **2000 mAh battery**
- dimensions: 15,24 x Ø4,06 cm



NEBO

NEB-WLT-0022-G NEBO FRANKLIN DUAL

- anodised aerospace grade aluminium
- waterproof (IPX4)
- retractable belt clip
- **magnetic base**
- **flashlight in high brightness mode (200 lm): 8 hours / 75 meters**
- flashlight in low brightness mode (60 lm): 24 hours / 50 meters
- **white workshop lamp in high brightness mode (500 lm): 2,5 hours / 31 meters**
- white workshop lamp in low brightness mode (150 lm): 14,5 hours / 18 meters
- **red workshop lamp in high brightness mode (40 lm): 20 hours / 7 meters**
- red workshop lamp in low brightness mode (12 lm): 32 hours / 1 meter
- red flashing light (40 lm): 40 hours / 7 meters
- **2000 mAh battery**
- dimensions: 21,34 x Ø1,78 cm



NEBO

NEB-POC-1000-G NEBO INSPECTOR 500+

- anodised aerospace grade aluminium
- **waterproof (IPX7) and impact resistant**
- **Flex-Power™ technology**
- Smart Power Control (SPC)
- display of low battery level
- removable support, adjustable tilt angle
- strong magnetic end
- **750 mAh rechargeable battery (accessory):**
- **directed light mode:**
 - **turbo (500 lm): 30 second intervals / 142 meters**
 - **high brightness (250 lm): 3.5 hours / 98 meters**
 - medium brightness (25 lm): 8 hours / 31 meters
 - flashing mode (250 lm): 2.5 hours / 98 meters
- **diffused light mode:**
 - turbo (400 lm): 30 second intervals / 16 meters
 - **high brightness (200 lm): 3.5 hours / 11 meters**
 - low brightness (20 lm): 8 hours / 6 meters
 - flashing mode (200 lm): 2.5 hours / 11 meters
- **2 x AAA batteries (not included):**
- **directed light mode:**
 - turbo (140 lm): 30 second intervals / 142 meters
 - **high brightness (70 lm): 1 hour / 98 meters**
 - medium brightness (7 lm): 12 hours / 31 meters
 - flashing mode (70 lm): 1 hour / 98 meters
- dimensions (collapsed):: 16 x Ø1.7 cm



NEBO

NEB-POC-0008-G NEBO COLUMBO 250 FLEX

- 250 lm
- anodised aerospace grade aluminium
- **waterproof (IP67) and impact resistant**
- **4x zoom**
- **Flex Power technology**
- **750 mAh rechargeable battery, included:**
 - **high power mode (250 lm): 1 hour / 104 meters**
 - low power mode (75 lm): 3 hours / 57 meters
 - flashing mode (250 lm): 25 minutes / 104 meters
- 2 x 1,5 V (AAA) batteries, not included:
 - high power mode (100 lm): 1 hour / 90 meters
 - low power mode (30 lm): 4 hour / 50 meters
 - flashing mode (100 lm): 25 minutes / 90 meters
- dimensions: 16,2 x Ø2 cm



NEBO

**NEB-POC-0007-G NEBO COLUMBO 150**

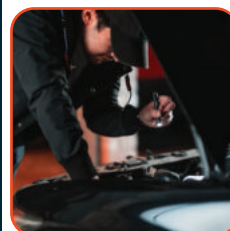
- 150 lm
- anodised aerospace grade aluminium
- **waterproof (IP67) and impact resistant**
- **4x zoom**
- steel pocket clip
- **high power mode (150 lm): 2 hours / 84 meters**
- low power mode (45 lm): 6 hours / 48 meters
- flashing mode (150 lm): 50 min. / 84 meters
- **2 x 1,5 V (AAA) batteries, included**
- dimensions: 15,04 x 2,03 x 1,81 cm



NEBO

NEB-POC-0006-G NEBO COLUMBO 100

- 100 lm
- anodised aerospace grade aluminium
- **waterproof (IP67) and impact resistant**
- **4x zoom**
- steel pocket clip
- **high power mode (100 lm): 1.5 hours / 56 meters**
- low power mode (35 lm): 4,5 hours / 33 meters
- flashing mode (100 lm): 1,5 hours / 56 meters
- **1 x 1,5 V (AAA) batteries, included**
- dimensions: : 17,8 x Ø2 cm



NEBO



NEB-6373-G

NEBO LIL LARRY

- waterproof and impact resistant
- ergonomic, non-slip grip
- steel belt clip
- strong magnetic base
- high power 250 lm COB LED workshop lamp
- high power COB LED red flashing emergency light
- power supply: 3 x AAA batteries, included
- dimensions: 15,4 x 1,5 x 2 cm



NEBO

NEB-6737-G

NEBO BIG LARRY 2

- anodised aerospace grade aluminium
- waterproof and impact resistant
- adjustable brightness
- steel belt clip
- strong magnetic base
- flashlight function (200 lm): 8 hours / 75 meters
- workshop light (500 lm): 2,5 hours / 31 meters
- red light (40 lm): 20 hours / 7 meters
- flashing red light: 40 hours / 7 meters
- power supply: 3 x AA batteries, included
- dimensions: 19,7 x 2,5 x 3,2 cm



NEBO

NEB-6700-G

NEBO 450 FLEX

- anodised aerospace grade aluminium
- waterproof and impact resistant
- 6x zoom
- belt clip
- Flex Power
- strong magnetic base
- 600 mAh rechargeable battery, included:
 - turbo (450 lm) - 40 seconds / 237 meters
 - high power mode (250 lm): 2,5 hours / 160 meters
 - low power mode (80 lm): 5,5 hours / 89 meters
 - flashing mode (250 lm): 2 hours / 160 meters
- AA battery:
 - high power mode (90 lm): 2,5 hours / 102 meters
 - low power mode (30 lm): 4,5 hours / 57 meters
 - flashing mode (90 lm): 4 hours / 102 meters
- dimensions (folded): 10,7 x Ø2,9 cm



NEBO

NEB-6809-G

NEBO TINO

- waterproof and impact resistant
- adjustable brightness
- robust plastic housing
- belt clip with hook
- strong magnetic base
- spot light: 300 lm, 2 hours operating time, 135 m light beam
- workshop light: 250 lm, 3 hours operating time, 25-meter beam
- power supply: 3 x AAA batteries, included
- dimensions: 11 x 4,5 x 4 cm



NEBO

NEB-HLP-1001-G NEBO TRANSCEND 1500

- anodized, aerospace grade aluminum
- **waterproof (IPX7) and impact resistant**
- **3200 mAh battery**
- Smart Power Control (SPC)
- display of low battery level
- **removable support, adjustable tilt angle**
- **strong magnetic base**
- **turbo (1500 lm): 30 seconds intervals / 129 meters**
- **high brightness (750 lm): 4 hours / 91 meters**
- medium brightness (300 lm): 5.5 hours / 58 meters
- low brightness (30 lm): 28 hours / 18 meters
- flashing mode (750 lm): 4 hours / 91 meters
- dimensions (without headband): 3,4 x 9,47 x 4,22 cm

**NEBO****NEB-HLP-0008-G NEBO EINSTEIN™ 1500 FLEX**

- **1500 lm**
- compact and light
- robust ABS and aluminium design
- **waterproof (IPX4)**
- turbo mode
- Flex Power
- **turbo (1500 lm): 30 second intervals / 64 meters**
- **high power mode (750 lm): 2 hours / 35 meters**
- medium power mode (250 lm): 6 hours / 25 meters
- low power mode (10 lm): 18 hours / 8 meters
- red light (5 lm): 12 hours / 1 meter
- **2200 mAh battery**
- dimensions (without headband): 12,7 x 5,08 x 7,62 cm

**NEBO****NEB-HLP-0007-G NEBO EINSTEIN 1000 FLEX**

- **1000 lm**
- compact and light
- robust ABS and aluminium design
- **waterproof (IPX4)**
- turbo mode
- **Flex Power**
- **turbo (1000 lm): 10 second intervals / 120 meters**
- **high power mode (350 lm): 3 hours / 55 meters**
- medium power mode (150 lm): 6 hours / 50 meters
- low power mode (10 lm): 18 hours / 14 meters
- red light (5 lm): 12 hours / 1 meter
- **2200 mAh battery**
- dimensions (without headband): 12,7 x 5,08 x 7,62 cm

**NEBO****NEB-HLP-0006-G NEBO EINSTSTEIN 500**

- **500 lm**
- compact and light
- robust ABS and aluminium design
- **waterproof (IPX4)**
- turbo mode
- **turbo (500 lm): 30 second intervals / 80 meters**
- **high power mode (150 lm): 2 hours / 44 meters**
- medium power mode (50lm): 15 hours / 25 meters
- low power mode (5 lm): 60 hours / 10 meters
- red light (5 lm): 12 hours / 1 meter
- **3 x 1,5 V (AAA) batteries, included**
- dimensions (without headband): 10,2 x 3,9 x 6,1 cm

**NEBO****NEB-HLP-0005-G NEBO EINSTEIN 400**

- 400 lm
- **robust ABS and aluminium design**
- **waterproof (IPX4)**
- compact and light
- turbo mode
- headlight:
- **turbo (400 lm): 35 second intervals / 133 meters**
- high power mode (250 lm): 45 minutes / 104 meters
- low power mode (50 lm): 1 hour 40 minutes / 52 meters
- COB white light (100 lm): 1,5 hours / 14 meters
- COB red light (15 lm): 8 hours / 5 meters
- 300 mAh battery
- dimensions (without headband): 5,72 x 3,18 x 3,18 cm

**NEBO****NEB-HLP-0011-G NEBO MYCRO HEADLAMP**

- **500 lm**
- anodised aerospace grade aluminium
- **waterproof (IP67) and impact resistant**
- low battery indicator
- **turbo (400lm): 30 second intervals / 60 meters**
- **high power mode (150 lm): 1 hour / 50 meters**
- red light (10 lm): 10 hours / 14 meters
- **500mAh battery**
- dimensions (without headband): 2,54 x 3,05 x 7,24 cm

**NEBO**

NEB-HLP-0004-G NEBO EINSTEIN CAP

- 50 lm
- **robust ABS design**
- it fits on a cap shield
- **waterproof (IPX5)**
- **contactless switching on and off**
- high power mode (50 lm):
2 hours 50 minutes / 16 meters
- medium power mode (20 lm):
6 hours / 14 meters
- low power mode (5 lm):
18 hours / 13 meters
- **500 mAh battery**
- dimensions: 6 x 5 x 2,8 cm



NEBO

NEB-7007-G NEBO ANGLE LIGHT

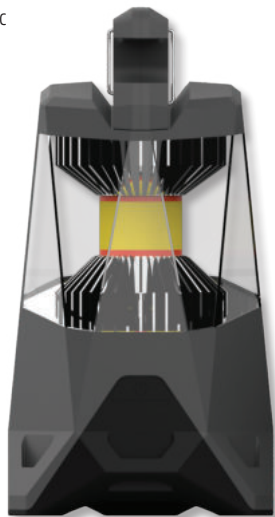
- plastic cover
- waterproof (IPX4)
- one mode (220 lm): 3.5 hours / 19 meters
- **strong magnetic base**
- **hanger**
- 180 degree rotatable head
- dimensions: 8.5 x 8 x 3.8 cm



NEBO

NEB-LTN-0004-G NEBO GALILEO™ 1000 FLEX

- **1000 lm** - compact and light - robust ABS plastic
- dust resistant - **waterproof (IPX4)**
- Flex Power - Direct-to-Red
- **high power mode 360° at 100% (1000 lm):
1,5 hours / 21 meters**
- medium power mode 120° (300 lm):
6 hours / 17 meters
- low power mode 360° fully dimmed (100 lm):
10.54 hours / 7 meters
- red in high power mode (15 lm):
12 hours / 3 meters
- red in low power mode (2 lm):
30 hours / 1 meter
- **2600 mAh battery, included
or 6x D batteries, not included**
- dimensions: 26 x 13,5 x 13,5 cm



NEBO

NE6908 NEBO BIG POPPY

- **300 lm**
- power bank function for USB chargeable devices
- charge indicator
- **dimmable (lantern and headlight)**
- rubber coated design
- **waterproof and impact resistant**
- adjustable handle
- **lantern (300 lm): 3 hours / 14 meters**
- **headlight (120 lm): 15 hours / 150 meters**
- realistic flame effect (10 lm): 8 hours / 4 meters
- rechargeable battery, included
(charging time: 2 hours)
- 2600 mAh battery
- dimensions (folded): 15,1 x Ø10,3 cm



NEBO

NEB-LTN-1003-G NEBO GALILEO™ AIR 1000

- **special, flexible design**
- Smart Power Control (SPC)
- power bank function
- can be hung
- **waterproof (IPX4)**
- **2500 mAh battery**
- **high brightness (1000 lm):
1 hour / 20 meters**
- medium brightness (500 lm):
5 hours / 14 meters
- low brightness (100 lm):
10 hours / 6 meters
- flashing mode (500 lm):
2.5 hours / 14 meters
- **red light (40 lumens):
10 hours / 5 meters**
- flashing red light (40 lumens):
5 hours / 5 meters
- dimensions (folded):
5.7 x 12 x 12.4 cm



NEBO

NE0015 NEBO OMNI 2000

- **2000 lm**
- non-slip rubber coating
- rotating magnetic handles
- **rotating COB panels- waterproof
and impact resistant**
- power bank
- **both COBs (2000 lm): 1,3 hours / 70 meters**
- both COBs (250 lm): 5,5 hours / 22 meters
- **one COB (1100 lm): 2 hours / 50 meters**
- one COB (150 lm): 9 hours / 18 meters
- **red COB (20 lm): 11 hours / 8 meters**
- red COB Flash (20 lm): 20 hours / 8 meters
- **4000 mAh battery**
- dimensions (folded):
12 x 15,8 x 4,8 cm



NEBO

NEB-ARE-0001

HIGH-BRIGHT-9000

NEW! Coming in 2024!



NEBO

NEB-OTH-0001-G

NEBO HIGH BRIGHT 6000

- ultra bright 6000 lumen garage light
- 90 degree adjustable LED panels
- quick and easy installation
- energy efficient: only 60 W
- 600% more light than an average 60 W bulb
- **6000 lumen brightness**
- dimensions (with folded panels): 11.6 x 13 x 12.7 cm



NEBO



NEB-PBK-0004-G ASSIST AIR JUMP STARTER

- **max. current strength: 1500 A** • **built-in battery: 55.5 Wh** • charge indicator LED • digital display • digital air compressor: 120 PSI, automatic detection • **output: USB-A (5 V/2.1 A)** • **output and input: USB-C fast charger (max 20 W)** • LED lamp: 200 lumen • accessories: starter cable, 12V car charger (QC3.0/18W), USB-C to USB-A adapter, approx. 60 cm air hose, replaceable air nozzle set, microfiber storage bag • size: 251x124x46 mm • weight: 1.3 kg



NEBO

NEB-PBK-0003-G ASSIST JUMP STARTER

- **max. current strength: 1200 A**
- **built-in battery: 44.4 Wh**
- charge indicator LED
- digital display
- **output: 2x USB-A (5 V / 2.1 A)**
- **output and input: 1x USB-C fast charger (max. 20 W)**
- LED lamp: 200 lumen
- included: starter cable, 12 V car charger (QC3.0/18W)
- size: 200 x 96 x 40 mm
- weight: 0.7 kg



NEBO

NEB-PST-0004-G RAMBLER PS100

- **built-in battery: 95.9 Wh**
- charge indicator LED
- digital display
- wireless charging (10W)
- **output: 2x USB-A (5 V / 2.4 A)**
- **output and input: 1x USB-C PD (45 W)**
- **DC input: 12-24 V (max 50 W), solar panel compatible**
- LED lamp: 385 lumen
- accessory: 20 W USB-PD charging adapter, approx. 60 cm USB-C cable, 12V DC power cable



NEBO

NEB-PBK-0029-G 20K RAPID-PACK

- **capacity: 20000 mAh**
- charge indicator LED
- digital display
- **output: 1x USB-A (5 V / 2.1 A)**
- **output and input: 1x USB-C (5 V / 2.1 A)**
- accessories: USB-C to USB-A adapter, 45cm USB-C - USB-C cable
- size: 143 x 71 x 30 mm
- weight: 433 g



NEBO

NEB-PBK-0019-G 10K RAPID-PACK

- **capacity: 10000 mAh**
- charge indicator LED
- digital display
- **output: 1x USB-A (5 V / 2.1 A)**
- **output and input: 1x USB-C (5 V / 2.1 A)**
- included USB-C to USB-A adapter, 45 cm USB-C - USB-C cable
- size: 140 x 69 x 17 mm
- weight: 244 g



NEBO

NEB-PBK-0010-G 10K RAPID-PACK WIRELESS

- **capacity: 10000 mAh**
- charge indicator LED
- wireless charging
- rear support
- **output: 1x USB-A (5 V / 2.1 A)**
- **output and input: 1x USB-C (5 V / 2.1 A)**
- included USB-C to USB-A adapter, 45 cm USB-C - USB-C cable
- size: 143x71x30 mm
- weight: 242 g



NEBO

HLM 4 LED METAL HEADLIGHT

- powerful LED
- 800 lm
- 3 functions: high and low brightness, flashing light
- adjustable tilt angle
- focusable
- power supply: 4 x 1,5 V (AA) batteries, not included



HLM 5R LED RECHARGEABLE METAL HEADLIGHT

- comfortable to wear, easy to use, high brightness
- powerful LED
- 1000 lm
- 3 functions: high and low brightness, flashing light
- adjustable tilt angle
- focusable
- charging time (0,75 A): 4 hours
- expected battery life: 9 hours
- power supply: 2 x 18650 / 1200 mAh 3,7 V accumulator



HLP 7RP LED RECHARGEABLE HEADLIGHT

- PIR motion sensor
- 100 lm
- 1 powerful white and 2 pcs red LEDs
- 5 functions: high and low brightness constant or flashing white, constant or flashing red light
- rechargeable with micro USB cable
- adjustable tilt angle
- charging time (0,75 A): 2,5 hours
- expected operation time of one charge: 4 hours
- power supply: 1200 mAh 3,7 V accumulator
- dimensions: 6 x 4,5 x 3,6 cm



HLP 4 LED HEADLAMP

- powerful 3 W COB LED (260 lm)
- durable plastic lamp body
- comfortable, elastic rubber headband
- tiltable lamp head
- adjustable brightness (50%, 100%)
- power supply: 3 x 1,5 V (AAA) batteries, not included



PLF 19 LED HEADLAMP

- 19 LEDs (80 lm)
- 4 different functions: 1 LED / 7 LEDs / 19 LEDs / 19s LEDs flashing
- long life
- adjustable tilt: 135°
- waterproof exterior
- power supply: 3 x 1,5 V (AAA) batteries, not included
- dimensions: 7 x 5,5 x 7 cm



PSL 01 BATTERY POWERED FLASHLIGHT

- high brightness (10 W) LED
- high power mode (850 lm): 3 hours / 400 m
- low power mode (250 lm): 9 hours / 150 m
- built-in 4000 mAh Li-ion battery
- robust plastic housing
- rotating carrying handle
- folding hanger
- dimensions: Ø13,5 x 21 x 18 cm



WL 3W+7L

RECHARGEABLE LED WORKLAMP

- **1 3 W COB LED + 7 white LEDs**
- robust ABS luminaire
- soft-touch surface
- adjustable lamp head (180°)
- 3 switchable modes (30%, 100% COB LED; 7 LEDs)
- **rechargeable Li-Ion accumulator 3,7 V - 1800 mAh**
- rechargeable with adapter or 12 V vehicle charger adapter
- **strong magnets on the back and base of the luminaire**
- practical hinged hanging hooks
- dimensions: 2,8 x 5,5 x 3,5 cm



WL 07

LED WORKLAMP

- **1 x 3 W COB LED + 4 white LEDs**
- **150 lm**
- robust ABS luminaire
- soft-touch surface
- 2 switchable modes: (COB LED, 4 LED)
- **strong magnet on the back of the lamp**
- power supply: 4 x 1,5 V (AAA) batteries, not included
- dimensions: 19,5 x 6 x 3,3 cm
- 12 pcs / display

Can only be ordered in display!



BV 10

LED BICYCLE LAMP SET

- **elastic, silicon luminaire**
- **2 bright red or white LEDs**
- short and fast flashing, steady light function
- weather resistant design
- power supply in each lamp: 2 x 3 V (CR 2032) batteries, included
- dimensions: 3 x 3 x 4 cm



PL 20

WORKLAMP

- **for outdoor use, IP54**
- rubberized handle
- massive metal grill and hanging hook
- **thick glass shade**
- double insulation
- 5 m rubber cable
- **porcelain socket**
- light source: max. 60 W / E27, not included
- power supply: 230 V~ / 50 Hz
- dimensions: Ø11 x 28 cm



PLR 24

LED FLASHLIGHT

- **powerful COB LED (100 lm)**
- durable plastic luminaire
- power supply: 3 x 1,5 V (AAA) batteries, not included
- dimensions: Ø3 x 9,8 cm
- 24 pcs / display

Can only be ordered in display!



MFL 300

LED METAL FLASHLIGHT

- **powerful CREE LED (300 lm)**
- 3 functions: high and low brightness, flashing
- **durable metal luminaire**
- focusable
- power supply: 2 x 1,5 V (C) batteries, not included
- dimensions: Ø3,6 x 17,5 - 19,2 cm



FLL 100

LED FLOODLIGHT

- wall-mounted
- outdoor and indoor design
- **100 W, 8200 lm**
- With SMD LEDs
- power supply: 220-240 V~, 50/60 Hz
- dimensions: 280 x 225 x 155 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL 50

LED FLOODLIGHT

- wall-mounted
- outdoor and indoor design
- **50 W, 4000 lm**
- With SMD LEDs
- power supply: 220-240 V~, 50/60 Hz
- dimensions: 188 x 160 x 115 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL 30

LED FLOODLIGHT

- wall-mounted
- outdoor and indoor design
- **30 W, 2400 lm**
- with SMD LEDs
- power supply: 220-240 V~, 50/60 Hz
- dimensions: 145 x 145 x 90 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL 20

LED FLOODLIGHT

- wall-mounted
- outdoor and indoor design
- **20 W, 1600 lm**
- with SMD LEDs
- power supply: 220-240 V~, 50/60 Hz
- dimensions: 122 x 122 x 90 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL 10

LED FLOODLIGHT

- wall-mounted
- outdoor and indoor design
- **10 W, 800 lm**
- with SMD LEDs
- power supply: 220-240 V~, 50/60 Hz
- dimensions: 110 x 110 x 90 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL PIR 50

LED FLOODLIGHT, MOTION DETECTOR

- wall-mounted
- outdoor and indoor design
- **50 W, 4000 lm, with SMD LEDs**
- PIR motion sensor:
 - detection angle: 140° in fan shape
 - adjustable detection distance: approx. 2-8 m (<24 °C)
 - working time: 10±5 seconds - 8±2 minutes, adjustable
 - light sensitivity: 3-20,000 LUX, adjustable
- power supply: 220-240 V~, 50/60 Hz
- dimensions: 188 x 225 x 115 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL PIR 30

LED FLOODLIGHT, MOTION DETECTOR

- wall-mounted
- outdoor and indoor design
- **30 W, 2400 lm, with SMD LEDs**
- PIR motion sensor:
 - detection angle: 140° in fan shape
 - adjustable detection distance: approx. 2-8 m (<24 °C)
 - working time: 10±5 seconds - 8±2 minutes, adjustable
 - light sensitivity: 3-20,000 LUX, adjustable
- power supply: 220-240 V~, 50/60 Hz
- dimensions: 145 x 210 x 115 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL PIR 20

LED FLOODLIGHT, MOTION DETECTOR

- wall-mounted
- outdoor and indoor design
- **20 W, 1600 lm, with SMD LEDs**
- PIR motion sensor:
 - detection angle: 140° in fan shape
 - adjustable detection distance: approx. 2-8 m (<24 °C)
 - working time: 10±5 seconds - 8±2 minutes, adjustable
 - light sensitivity: 3-20,000 LUX, adjustable
- power supply: 220-240 V~, 50/60 Hz
- size: 122 x 187 x 115 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL H 50

PORTABLE LED FLOODLIGHT

- outdoor and indoor design
- **50 W, 4000 lm**
- adjustable tilt angle
- foldable carrying frame
- connecting cable length: 1.5 m
- power supply: 220-240 V~, 50/60 Hz
- dimensions: folded: 265 x 245 x 62 mm
unfolded: 265 x 245 x 184 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL H 20

PORTABLE LED FLOODLIGHT

- outdoor and indoor design
- **20 W, 1600 lm**
- adjustable tilt angle
- foldable carrying frame
- connecting cable length: 1.5 m
- power supply: 220-240 V~, 50/60 Hz
- dimensions: folded: 213 x 195 x 56 mm
unfolded: 213 x 195 x 154 mm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLB 20

RECHARGEABLE LED FLOODLIGHT

- portable, for outdoor and indoor use
- **20 W COB LED, 1600 lm**
- accumulator: 2 x Li-ion 18650 / 7,4 V / 2200 mAh
- **operating(lighting) time: max. 4 h**
- charging time: 3-4 h
- **power adaptor included:**
PRI: 230 V~ / 50 Hz
SEC: 8,4 V~ / 1000 mA
- **cigarette-lighting socket adaptor included:**
PRI: 12-24 V
SEC: 8,4 V~ / 600 mA
- length of charging cables: 90 cm
- dimensions: 21 x 30 x 18 cm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLB 10

RECHARGEABLE LED FLOODLIGHT

- portable, for outdoor and indoor use
- **10 W COB LED, 800 lm**
- accumulator: Li-ion 18650 / 3,7 V / 2200 mAh
- **operating(lighting) time: max. 4 h**
- charging time: 5 h
- **power adaptor included:**
PRI: 230 V~ / 50 Hz
SEC: 5 V~ / 500 mA
- **cigarette-lighting socket adaptor included:** PRI: 12 V
SEC: 5 V~ / 500 mA
- length of charging cables: 100 cm
- dimensions: 14,5 x 26 x 16 cm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLB 20C

RECHARGEABLE LED FLOODLIGHT

- portable, for outdoor and indoor use
- **can be supported, hung, carried in the hand**
- **20 W COB LED**
- **lighting time: max. 3,5 h (750 lm) / max. 2 h (1600 lm)**
- charging: 5 V~ / min. 1 A / 5 h
- accessory micro-USB charger cable, 100 cm
- recommended USB charger: NV 2100 USB, not included
- battery: Li-ion / 3,7 V / 5400 mAh
- dimensions: 17 x 12 x 9 cm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLB 10C

RECHARGEABLE LED FLOODLIGHT

- portable, for outdoor and indoor use
- **variously adjustable, magnetically fixed carrying frame and light sources**
- **2 x 5 W COB LED, can be switched independently**
- **lighting time: max. 4 h (500 Lumen) / max. 2 h (1000 lumen)**
- charging: 5 V~ / min. 1 A / 5 h
- accessory micro-USB charger cable, 100 cm
- recommended USB charger: NV 2100 USB, not included
- battery: Li-ion 3,7 V / 5000 mAh
- dimensions: 14,5 x 26 x 16 cm

LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



FLL STAND 2/30 STAND LED FLOODLIGHT

- adjustable height 0.8 - 1.7 m
- outdoor and indoor design
- 2 x 30 W LEDs (SMD)
- 2 x 2400 lumen brightness
- connecting cable length: 2.1 m
- power supply: 220-240 V~, 50/60 Hz
- dimensions: 0.7 x 0.8 x 0.8-1.7 m

The LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



JSL 3300 RECHARGEABLE WORK LIGHT

- 30 W COB LED
- brightness: max. 3300 lumens, min. 500 lumens
- IP65 protection
- widely adjustable lighting surface options
- magnetic or suspended mounting, portability
- built-in Li-ion battery 18650 mAh, 7,4 V, 4400 mAh
- use as a PowerBank
- operating time: 2,5 to 4,5 hours
- 6 hour charging time, illuminating while charged
- supplied USB A - USB C charging cable



VIDEO



FLP 5 SOLAR SOLAR PANEL LED FLOODLIGHT WITH PIR MOTION SENSOR

- 56 SMD 2835 LEDs • brightness: 500 lm / 4500 K • material: ABS, PC • solar panel: amorphous, 6 V / 1 W • accessory replaceable Li-ion accumulator, 18650 / 1500 mAh / 3,7 V • operating time from accumulator: max. 60 min • PIR motion sensor max. 8 m • adjustable light-sensitivity (daytime - night) • adjustable lighting period (10 sec - 2 min), from the last motion • length of solar panel cable : 4,8 m

The LED light source is not replaceable in the luminaire.



FLP 2/BK LED LAMP WITH SOLAR PANEL AND MOTION SENSOR

The weatherproof LED lamp is solar powered and has a built-in battery. In the dark, both the front and rear LEDs glow energy-efficiently (3%), increasing brightness to 100% when motion is detected.

- output: 1,5 W (14 x SMD2835, 12 front + 2 rear)
- brightness: 200 lumen (front 6000 K cold white, rear 3000 K warm white)
- accumulator: 1 x 1200 mAh Li-ion, 3,7 V; not replaceable
- PIR motion sensor (120° / 6 m)

LED light source in the luminaire is not replaceable.



FLP 1SOLAR LED LAMP WITH SOLAR PANEL AND MOTION SENSOR

The weatherproof LED lamp is solar powered and has a built-in battery. In the dark, it is energy-efficient (50%), the brightness is increased to 100% when motion is detected.

- output: 0,8 W (4 x 0,2 W SMD2835 LED)
- brightness: 35 lumen (6000 K cold white)
- accumulator: 1 x 600 mAh Lithium, 3,7 V; not replaceable
- PIR motion sensor
- detection angle: 100° horizontal, 90° vertical
- detection distance: max. 4 m

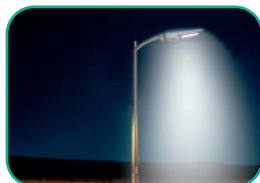
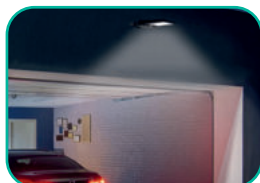
LED light source in the luminaire is not replaceable.



FLP 1600 SOLAR SOLAR PANEL LED FLOODLIGHT WITH PIR MOTION SENSOR

- 40 pcs SMD 2835 LED
- **brightness: 1600 lm / 6000 K**
- material: ABS, PC
- solar panel: 9,5 Wp monocrystalline silicone
- built-in Lithium battery pack, 18650 / 5400 mAh / 7,4 V
- **PIR motion sensor 120°, max. 3-8 m**
- self-regulating program
- extremely long operating time
- adjustable tilt angle: upwards 20°, downwards 10°
- it can be easily mounted on wall, on straight (max. Ø60 mm), or curved (max. Ø50 mm) pole
- dimensions: 23,2 x 49,2 x 5,8 cm

LED light source in the luminaire is not replaceable.



FLP 1100 SOLAR SOLAR PANEL LED FLOODLIGHT

- 55 pcs SMD 2835 LED
- **brightness: 1100 lm / 6000 K**
- material: ABS, PC
- double-sided solar panel: 6,5 Wp + 4,5 Wp monocrystalline silicone
- built-in Li-ion accumulator, 18650 / 7200 mAh / 3,7 V
- **PIR motion sensor 120°, max. 8 m**
- USB charger sockets: 5 V-- / 0,5 A
- selectable functions: continuous lighting, motion sensor or combined function
- cable length: 2,8 m
- dimensions: solar panel: 30,5 x 20,6 x 1 cm, reflektor: 19,3 x 13 x 3,5 cm

LED light source in the luminaire is not replaceable.



FLP 1000 SOLAR SOLAR PANEL LED FLOODLIGHT WITH PIR MOTION DETECTOR

- 60 pcs SMD 2835 LED
- **1000 lm**
- 6000 K
- solar panel with large surface
- **built-in Li-ion battery, 18650 / 7200 mAh / 3,7 V**
- PIR motion sensor max. 8 m
- selectable motion and/or light sensing modes, or continuous lighting mode
- dimensions: 30 x 25 x 3,5 cm

LED light source in the luminaire is not replaceable.



FLP 500 SOLAR SOLAR PANEL LED FLOODLIGHT WITH PIR MOTION DETECTOR

- 30 pcs SMD 2835 LED
- **500 lm**
- 6000 K
- solar panel with large surface
- **built-in Li-ion battery, 18650 / 3000 mAh / 3,7 V**
- PIR motion sensor max. 6 m
- selectable motion and light sensing modes or continuous lighting mode
- dimensions: 21,8 x 15 x 3,5 cm

LED light source in the luminaire is not replaceable.



NKLL 05

LED MAGNIFYING LAMP, TABLE-TOP MOUNTABLE

• 56 x SMD 2835 LEDs, cold white (6500 K) • 685 lumen brightness • Ø125 mm glass magnifying lens • magnification: 3 dioptres • option: 5 dioptres lens (NKL 5D) • table-top mountable • switchable on/off • length of power cable: 1,5 m • weight: 2,5 kg • power supply: 230 V~ / 50 Hz / 9 W • can be used as a stand lamp with our NKLA 2 stand

The luminaire contains built-in LEDs.
LED light source in the luminaire is not replaceable!
Energy saving class: F



NKL 01

MAGNIFYING LAMP

• can be mounted onto desktop • 900 lumen brightness • Ø125 mm glass magnifying lens • magnification: 3 dioptres • circular fluorescent lamp: Ø184 mm / T5 22 W • folding, scratch protection cover • 1,6 m power cable • power supply: 230 V~ / 50 Hz / 22 W • size: head: 20 x 26,5 cm, shaft: 2 x 40 cm • option: 5 dioptres lens (NKL 5D), replacement fluorescent lamp (NKLF T5) • can be used as a stand lamp with our NKLA 2 stand

The energy class of the circular fluorescent lamp sold with the luminaire: G



NKL 5D

REPLACEMENT LENS

- Ø125 mm glass magnifying lens
- magnification: 2,25 x (5 dioptres)
- suitable for most magnifying lamps
- recommended for the following products, marketed by SOMOGYI ELEKTRONIC: NKL 01, NKLL 05



NKLA 2

MAGNIFYING LAMP STAND

• Can only be used for magnifying table lamps NKL 01 and NKLL 05 marketed by Somogyi Elektronik Ltd. • height/width: 70/54 cm • size of the shaft that can be inserted is max. Ø12,8 mm; fixed by screws • total weight: 7,5 kg



NKL 022 MAGNIFYING LED TABLE LAMP

- base can be placed onto desktop
 - **450 lumen brightness**
 - Ø90 mm glass magnifying lens
 - **magnification: 3 dioptres**
 - secondary lens: 12 dioptres
 - circular fluorescent lamp: Ø115 mm / 12 W
 - folding, scratch protection cover
 - 1,5 m power cable
 - power supply: 230 V~ / 50 Hz / 12 W
 - dimensions: head: 14 x 18 cm, shaft: 22 cm, base: 21 x 11 x 10 cm
 - option: replacement fluorescent lamp (NKL 022F)
- The energy class of the circular fluorescent lamp sold with the luminaire: G



NKLL 06 MAGNIFYING LED TABLE LAMP

- base can be placed onto desktop
 - **30 x SMD 5630 LEDs, cold white (6500 K)**
 - **400 lumen brightness**
 - Ø90 mm glass magnifying lens
 - **magnification: 3 dioptres**
 - secondary lens: 12 dioptres
 - switch on/off
 - length of power cable: 1,45 m
 - weight: 0,85 kg
 - power supply: 230 V~ / 50 Hz / 6 W
- LED light source in the luminaire is not replaceable!
The energy class of the circular fluorescent lamp sold with the luminaire: G



NKL 022F
REPLACEMENT FLUORESCENT LAMP FOR NKL 022

- can be used for most types of magnifying lamps



NKLF
REPLACEMENT FLUORESCENT LAMP FOR NKL 03

- can be used for most types of magnifying lamps



NKLF T5
REPLACEMENT FLUORESCENT LAMP FOR NKL 01

- can be used for most types of magnifying lamps



type	output	flux	color temperature	size	energy class	measured energy consumption
NKL 022F	12 W	720 lm	6500 K	Ø120 mm / T4	G	12 kWh / 1000 h
NKLF	22 W	1450 lm	6500 K	Ø203 mm / T9	G	22 kWh / 1000 h
NKLF T5	22 W	1450 lm	6500 K	Ø185 mm / T5	G	22 kWh / 1000 h

RCC 18 LED/BK CIRCLE LED WALL/CEILING LAMP

- outdoor and indoor design
- durable, flexible hood
- brightness: 2000 lumens
- **natural, 4000 K color temperature**
- protected against water jets from all directions: IP65
- power supply: 220-240 V~ / 50-60 Hz / 18 W
- dimensions: 165.8 x 160 x 58 mm
- black



LED light sources in the luminaire are not replaceable.



RCC 18 LED/WH

- white



RCO 18 LED/BK OVAL LED WALL/CEILING LAMP

- outdoor and indoor design
- durable, flexible hood
- brightness: 2000 lumens
- **natural, 4000 K color temperature**
- protected against water jets from all directions: IP65
- power supply: 220-240 V~ / 50-60 Hz / 18 W
- dimensions: 201 x 99 x 54 mm
- black



LED light sources in the luminaire are not replaceable.



RCO 18 LED/WH

- white



PIR 04/WH MOTION SENSOR, WALL-MOUNTABLE

- **passive infrared (PIR) sensor**
- **IP44 outdoor construction**
- **detection angle: 180°**
- detection distance: 12 m
- adjustable operating time: 10 sec. - 7 min.
- adjustable light sensitivity: 3 - 2000 LUX
- works in dark and bright
- vertically tiltable
- power supply: 230 V~ / 0,45 W (0,1 W)
- switchable output: 230 V~ / 1200 W
- dimensions: 85 x 85 x 90 mm

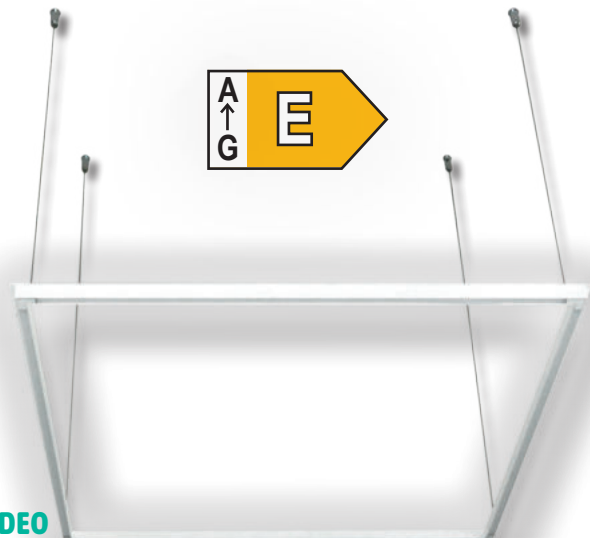


LMF 36/4500H LED LIGHTING FOR SUSPENDED CEILINGS

- perfect replacement for the 595 x 595mm panel luminaires
- **robust aluminium luminaire**
- **36 W power consumption, 4500 Lumens brightness**
- **LED driver included**
- very easy to install in suspended ceilings
- **natural, 4000 K color temperature**
- hanging installation option using the included 4 x 60 cm cord set

Serial terminal block not included. Installation may require consultation of a qualified professional.

The LED light source in the luminaire is not replaceable.
The lamp is not suitable for accent lighting.



VIDEO



LED LIGHT SOURCE



picture	type	energy efficiency	flux	output	energy consumption	socket	color temperature	service life
1	PLUS-6 4200K / GU10	A ↑ F	510 lm	6 W	6 kWh / 1000 h	GU10	4200 K	25.000 h
1	PLUS-10 4200K / GU10	A ↑ F	800 lm	10 W	10 kWh / 1000 h	GU10	4200 K	25.000 h
2	EITE-6 E14 4200K	A ↑ F	510 lm	6 W	6 kWh / 1000 h	E14	4200 K	25.000 h
3	ULTRA-6 4200K	A ↑ F	510 lm	6 W	6 kWh / 1000 h	E14	4200 K	25.000 h
4	FILAMENT GLOBE-8 4200K	A ↑ E	900 lm	8 W	8 kWh / 1000 h	E27	4200 K	20.000 h
5	PREMIER-8 4200K	A ↑ F	850 lm	8 W	8 kWh / 1000 h	E27	4200 K	25.000 h
5	PREMIER-10 4200K	A ↑ F	1000 lm	10 W	10 kWh / 1000 h	E27	4200 K	25.000 h
5	PREMIER-12 4200K	A ↑ F	1150 lm	12 W	12 kWh / 1000 h	E27	4200 K	25.000 h
5	PREMIER-15 4200K	A ↑ F	1500 lm	15 W	15 kWh / 1000 h	E27	4200 K	25.000 h
5	PREMIER-18 4200K	A ↑ F	1850 lm	18 W	18 kWh / 1000 h	E27	4200 K	25.000 h

UFO PRO-30 6400K LED LIGHT SOURCE

- energy efficiency: F
- flux: 3050 lm
- **output: 30 W**
- energy consumption: 30 kWh / 1000 h
- socket: E27
- **color temperature: 6400 K**
- service life: 25.000 h



DARK-10 4200K LED LIGHT SOURCE

- energy efficiency: F
- flux: 1032 lm
- **output: 10 W**
- energy consumption: 10 kWh / 1000 h
- socket: E27
- **color temperature: 4200 K**
- service life: 30.000 h
- switch on: <15 lux,
- switch off: >25-30 lux



LF 3/27 TORCH FLAME LED BULB

- **3in1: switches on or off severally to select modes: flash or pulse or continuous light**
- functions which can be controlled with a normal power switch
- switch it on and off several times to switch between modes
- **2in1: when turned down, the tongue of flame will also turn**
- 3 W / E27 / 230 V~ / 50 Hz
- ~40 lm / 1600 K / 30.000 h / 360°
- Ø49 x 115 mm / 40 g / -10...+35 °C



VIDEO



LF 2/14 TORCH FLAME LED LIGHT

- functions can be controlled with a standard light switch
- 3in1: turn the modes on and off several times to select: **continuous light - pulsing - torch flame**
- improved, smaller size, can be used in several luminaires
- 2 W / E14 / 230 V~ / 50 Hz
- ~30 lm / 1600 K / 30.000 h / 360°
- Ø40 x 120 mm / 33 g / -10 ... +35 °C



VIDEO

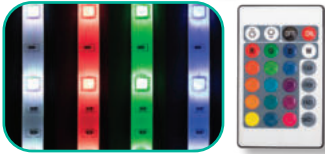


LS 5000RGB

RGB LED LSTRIP SET

• 30 x SMD 5050 LED/m • silicone protective layer, adhesive strip on the back • color of LEDs: RGB • mixable white color • color temperature: 6000 K • length of strip: 5 m • brightness: 400 lm/m • power output: 4,8 W/m • brightness adjustable in more increments • 4 kinds of switchable lighting effects • strip power supply: accessory mains adapter • remote control power supply: 1 x 3 V CR2025, included

The luminaire is including built-in LED lamps. The lamps cannot be replaced in the luminaire.

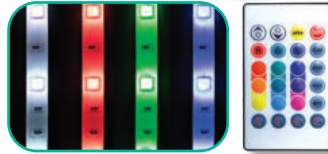


LS 5000SOUND

RGB LED STRIP SET BLINKING TO MUSIC

• blinks to the rythm of music • 30 x SMD 5050 LED/m • silicone protective layer, adhesive strip on the back • color of LEDs: RGB • mixable white color • color temperature: 6500 K • length of strip: 5 m • brightness: 400 lm/m • power output: 4,8 W/m • brightness adjustable in more increments • more kinds of switchable lighting effects • strip power supply: accessory mains adapter • remote control power supply: 1 x 3 V CR2025, included

The luminaire is including built-in LED lamps. The lamps cannot be replaced in the luminaire.



DL 4/27

LED DISCO LIGHT

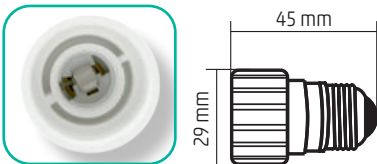
- 360° rotary shade
- projection of continuously changing symbols
- ideal even for larger premises
- energy-saving POWER LED technology
- 3 x 1 W red, green, blue LED light source
- dimensions: Ø80 x 130 mm / 107 g



E14/E27

SOCKET CONVERTER ADAPTER

- allows to use light sources with different sockets in E27 sockets
- max. 2 A



E27/E14

SOCKET CONVERTER ADAPTER

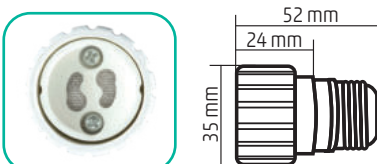
- allows to use light sources with different sockets in E14 sockets
- max. 2 A



GU10/E14

SOCKET CONVERTER ADAPTER

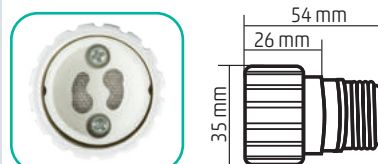
- allows to use GU10 light sources in E14 sockets
- max. 2 A



GU10/E27

SOCKET CONVERTER ADAPTER

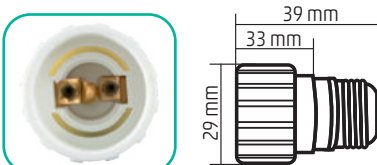
- allows to use GU10 light sources in E27 sockets
- max. 2 A



E14/GU10

SOCKET CONVERTER ADAPTER

- allows to use E14 light sources in GU10 sockets
- max. 0,3 A



E27-GU10

SOCKET CONVERTER ADAPTER

- allows to use E27 light sources in GU10 sockets
- max. 0,3 A



BB MLO1**CEILING LAMP, BERRY AND DOLLY**

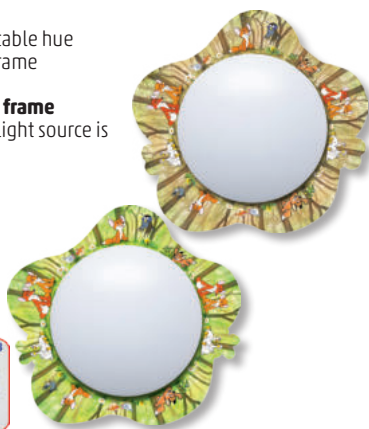
- **material:** metal luminaire, canvas lampshade
- **type of socket:** 3 x E14/max 40 W, the light source is not included
- power supply: 230 V~/50 Hz
- dimensions:
Ø40 x 28,5 cm / 862 g

**BB AL01****DESK LAMP, BERRY AND DOLLY**

- **material:** metal+plastic luminaire, canvas lampshade
- **type of socket:** E14/max 25 W, the light source is not included
- power supply: 230 V~/50 Hz
- length of power cable: 1,5 m, with cord switch
- dimensions: Ø15 x 40 cm / 510 g

**VUK MLO1****CEILING UFO LAMP, VUK**

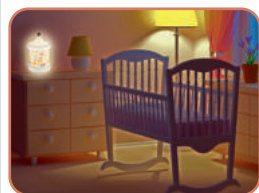
- **2in1:** you can choose the most suitable hue for yourself by rotating the decor frame
- durable luminaire
- **material:** plastic cover and decor frame
- type of socket: E14/max 13 W, the light source is not included
- power supply: 230 V~/50 Hz
- dimensions: 32,8 x 29,5 x 7,5 cm, with decor frame

**VUK LC02****LED MOOD LIGHTING, RGB**

- **changeable lighting color on color scale**
- **touch control**
- selectable lighting color from a color scale
- 3 color changing LEDs
- **average expected operating time: approx. 6-7 hours**
- power supply: 5 V~/350 mAh accumulator, USB charging cable included
- dimensions: Ø7,5 x 8,5 cm

**PDV 02****PORCELAIN DECOR LIGHTING, CAROUSEL**

- material: **porcelain**
- type of socket: E14/max. 6 W LED, the light source is not included
- **only useable with max. 6 W** power LED candle-shaped light source!
- power supply: 230 V~/50 Hz
- length of power cable: 165 cm, cord switch
- dimensions: Ø13,5 x 21 cm / 656 g

**PM 01/BG****TEDDY BEAR MOOD LIGHTING**

- switchable, **color changing** LED mood lighting, **8 color changing LEDs**
- soft, silky-touch **plush design**
- decoration and nightlight in one
- helps kids to fall asleep at night
- can be used as a cushion
- power supply: 3 x 1,5 V (AA) batteries, not included
- **dimensions: 30 x 45 x 16 cm**

VIDEO**LED ZOO****LED KEYCHAIN WITH ANIMAL FIGURES**

- good quality plastic figures
- demanding design
- **sound and light effect**
- power supply: 3 x 1,5 V (LR1130) button cells, included
- 12 pcs/display

Can be ordered in display only!**LED ANIMALS****LED KEYCHAIN WITH ANIMAL FIGURES**

- good quality plastic figures
- demanding design
- **sound and light effect**
- power supply: 3 x 1,5 V (LR1130) button cells, included
- 12 pcs/display

Can be ordered in display only!

Security systems

DPV 270

COLOR VIDEO DOORPHONE

EXPANDABLE INTO A VERSATILE SECURITY SYSTEM

- 7" (17,5 cm) extra thin monitor and outdoor camera unit
- expandability: 2 outdoor units with camera, 3 indoor units with monitor, 2 surveillance camera, 2 opening sensors, television output
- fast, convenient, safe, hygienic door opening for your family members
- **5+2 pcs proximity keys for contactless unlocking****
- **takes a photo or a video recording of the visitor**
- automatic and manual recording options
- memory expandable with microSD card (not included)
- **ring volume and duration can be set according to the time of the day**
- InterCom: home phone function for multiple indoor units
- illuminated touch buttons below the display
- outdoor wall-mountable unit
- night camera mode with hidden infrared LEDs
- illuminated bell button and aluminium front panel
- per unit selectable ringtone (12)
- view function with photo and video recording
- lock opening when using an external electric lock (option)
- **adjustable microphone sensitivity and speech volume**
- adjustable monitor brightness, sharpness, color, volume
- 4-wire wired connection between the units
- **graphic menu languages: EN, HU, SK, CZ, CN**
- accessories: rain protection frame, wall bracket for monitor, connection cable (~10 m), mains adapter, fittings, 7 pcs RFID proximity keys (DPV 270RFID)
- power supply: mains adapter, included
- dimensions of the outdoor/indoor unit: ~80 x 160 x 30 mm / 180 x 180 x 20 mm

*details in the instruction manual

**if an electric lock is used



DPV 270B

INDOOR MONITOR FOR THE EXPANSION OF DPV 270

- expandability of DPV 27 and DPV 270 set: 2 outdoor units with camera and 3 indoor units with monitor
- **7" (17,5 cm) extra thin monitor**
- takes a photo or video recording of the visitor
- automatic and manual recording options
- memory expandable with microSD card (not included)
- adjustable ring volume and duration according to the time of the day
- InterCom: home phone function in case of multiple indoor units
- **illuminated touch buttons below the screen**
- view function with photo and video recording options
- lock opening when using an external electric lock (option)
- adjustable monitor brightness, sharpness, color, volume
- 4-wire wired connection between the units
- graphic menu languages: EN, HU, SK, CZ, CN
- **accessories: wall bracket, mains adapter, expanding connectors, fittings**
- power supply: mains adapter, included
- dimensions: ~180 x 180 x 20 mm



DPV 270K

OUTDOOR CAMERA FOR THE EXPANSION OF DPV 270

- expandability of DPV 27 and DPV 270 set: 2 outdoor units with camera and 3 indoor units with monitor
- takes a photo or video recording of the visitor
- automatic and manual recording options
- **outdoor unit can be installed outside the wall (IP44)**
- night camera mode with hidden infrared LEDs
- **illuminated bell button and aluminium front panel**
- automatic and manual recording options
- adjustable microphone sensitivity and speech volume
- 4-wire wired connection between the units
- fittings
- **accessories: rain protection frame, connection cable (~10 m), fittings**
- power supply: from DPV 270's monitor (+12 V)
- dimensions: ~80 x 160 x 30 mm



DPV 270RFID

PROXIMITY KEY SET FOR DPV 270 VIDEO DOOR PHONE

- **5 pcs blue user (USER) key is used for opening the lock**
- **1 pcs red one (CLEAN) for deleting all cards from the system at once**
- **1 pcs yellow one (ADD) for adding blue keys**
- RFID 125 kHz / max. 10-30 mm
- lost or damaged keys can be replaced
- up to 24 keys can be paired with the system



DPV WIFI 100 SMART VIDEO DOOR PHONE WITH MOTION-DETECTING LIGHT AND WIRELESS DOORBELL



- 5in1: **video door phone + silent alarm + CCTV + wireless doorbell + motion-detecting night light**
- **fully wireless** door phone (neither internet, nor power cables are necessary for the several months of operation between charges)
- remote access over the internet from anywhere in the world
- visitor-friendly doorbell button **that lights up when motion is detected**
- **motion-detection alarm mode** with adjustable sensitivity, which automatically takes a photo and sends out a message
- **continuous live feed**, which works as CCTV, e.g. when placed on furniture
- wide angle of view to monitor a larger area
- **night lighting** with hidden infrared LEDs
- automatic switch to the more sensitive black and white mode when it's dark
- manual **photographs or video footage can be taken of visitors**
- choice between SD or HD 1080p picture quality
- alerts when the battery is running out of charge or the internet connection is breaking up
- **wireless doorbell with an adjustable melody, light signal, and motion-detecting light** (~35 m range in open space) included
- the remote access privileges can be shared among family members
- the TUYA platform is compatible with Android and iOS smartphones
- its functionality can be extended with voice assistant apps (Google Home, Amazon Echo)
- 2 supply options: built-in replaceable battery or ready for use with a mains adapter (not included)
- charging the door phone: via microUSB port (optional: SA 24USB adapter)
- **expected charging / operating time: ~5 hours / ~3 months**
- doorbell power supply: microUSB port (optional: SA 24USB adapter)
- storage can be extended with a microSD card (128GB, Class10+, not included)
- IP54 protection against dust and water
- included accessories: rain cover, 2 x microUSB cables, fixtures
- dimensions of the door phone/doorbell: 50x124x42 mm / Ø73x27 mm



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DPV 26 VIDEO DOORPHONE

- **7" (17,5 cm) ultra thin colorful LCD monitor**
- convenient use without handset
- **outdoor unit with rain cover frame**, mountable outside the wall
- blue LED illuminated bell button
- **night camera mode** with hidden infrared LEDs
- selectable ring melody (16 types)
- outlook function
- **lock opening in case of using outer electric lock (option)**
- **adjustable microphone sensitivity and volume**
- adjustable monitor brightness, focus, volume
- **4-wire connection** between the outdoor-indoor units
- accessories: rain cover frame, connection cable (cca. 9 m), wall metal holder frame, mains adapter, screws
- power supply of the outdoor/indoor unit: from the monitor/mains adapter (12 V⁼⁼ /1 A)
- dimensions of outdoor/indoor unit: 40 x 119 x 30 mm / 182 x 134 x 19 mm



DP 22 DOORPHONE SET

- outdoor unit for mounting on wall exterior
- two-wire connection **ideal for replacing old doorbells**
- aesthetic and sturdy aluminium construction
- suitable for use with or **without a rain cover**
- name plate with LED illumination
- indoor unit for furniture or wall mounting
- **adjustable sound signal volume**
- lock opening option (lock not included)
- operating distance 50 m / in the case of 1 mm² cable (not included)
- gate-opening functionality without external power supply (12V / 200 mA)
- water resistance: IP23
- power supply: mains connection cable (230 V~ / 50 Hz)



DP 012 2-FLAT WIRED DOORPHONE SET

- two indoor units and one outdoor unit
- doorphone system of **2 wires**
- excellent quality sound transmission between the two units
- **metal, recessable outdoor unit** with 2 nameplates
- **gate opening electric system without additional power supply**
- exchangeable nameplate with red LED background light
- easy to install: the cable can be fixed with screws
- indoor units can be laid or mounted on the wall
- power supply: 230 V~ / 50 Hz
- dimensions: 87 x 227 x 45 mm / 200 x 116 x 55 mm



DP 02 WIRED DOORPHONE SET

- doorphone system of **2 wires**
- excellent quality sound transmission between the two units
- **metal, recessable outdoor unit**
- **gate opening electric system without additional power supply**
- metal, recessable outdoor unit with nameplate
- easy to install: the cable can be fixed with screws
- indoor unit can be laid or mounted on the wall
- power supply: 230 V~ / 50 Hz
- dimensions: 87 x 227 x 45 mm / 200 x 116 x 55 mm



DP 01 WIRED DOORPHONE SET

- doorphone system of **2 wires**
- excellent quality sound transmission between the two units
- **gate opening electric system without additional power supply**
- easy to install: the cable can be fixed with screws
- indoor units can be laid or mounted on the wall
- power supply: 230 V~ / 50 Hz
- dimensions: 87 x 227 x 45 mm / 73 x 100 x 36 mm



DC915NG

WIRELESS DOORBELL

- range: **max. 200 m**
- volume: max 90 dB, 11 melodies
- mute timer: 3, 6, 9, 12 hours
- **stroboscopic LED frame light**
- **LED flashlight turns on when rings**
- adjustable volume
- **IP55 protected push-button**
- frequency: 868 MHz
- **power supply of the bell: 4 x 1,5 V C (LR14) batteries**, not included
- **power supply of the push-button: 1 x 3 V (CR2032) battery**, included
- dimensions: 125 x 125 x 40 mm



DC515NP2

WIRELESS DOORBELL

- range: **max. 150 m** • volume: max 84 dB, 9 melodies • mute timer: 3, 6, 9, 12 hours
- **discrete HALO frame light and powerful LED light indication**
- more doorbells can be paired with one bell push, or multiple bell pushes can be paired with one doorbell • **IP55 protected push-button** • frequency: 868 MHz • **power supply of the bell: 230 V~ / 50 Hz** • **power supply of the push-button: 1 x 3 V (CR2032) battery**, included • color: white
- dimensions: 70 x 70 x 76,5 mm



DC515N

WIRELESS DOORBELL

- range: **max. 150 m** • volume: max 84 dB, 9 melodies • mute timer: 3, 6, 9, 12 hours
- **discrete HALO frame light and powerful LED light indication**
- more doorbells can be paired with one bell push, or multiple bell pushes can be paired with one doorbell • **IP55 protected push-button** • frequency: 868 MHz • **power supply of the bell: 3 x 1,5 V (AA) LR6 battery** (not included)
- **power supply of the push-button: 1 x 3 V (CR2032) battery**, included • color: white
- dimensions: indoor unit: 70 x 70 x 42,5 mm; push-button: 70 x 30 x 15 mm



DC313NP2

WIRELESS DOORBELL

- range: **max. 150 m** • volume: max 84 dB, 6 melodies
- **LED indication light** when ringing • adjustable volume
- **IP55 protected push-button** • frequency: 868 MHz
- **bell power supply: 230 V~ / 50 Hz**
- **push-button power supply: 1 x 3 V (CR2032) battery**, included • dimensions: 110 x 70 x 40 mm



DC311NP2

WIRELESS DOORBELL

- range: **max. 150 m** • volume: max 80 dB, 4 melodies
- **IP55 protected push-button** • frequency: 868 MHz
- **power supply of the bell: 230 V~ / 50 Hz**
- **power supply of the push-button: 1 x 3 V (CR2032) battery**, included
- dimensions: 110 x 70 x 40 mm



DC313N

WIRELESS DOORBELL

- range: **max. 150 m**
- volume: max 84 dB, 6 melodies
- **LED indicator light** when ringing
- adjustable volume
- **IP55 protected push-button**
- frequency: 868 MHz
- **bell power supply: 4 x 1,5 V (AA) LR6 batteries**, not included
- **push-button power supply: 1 x 3 V (CR2032) battery**, included
- dimensions: 110 x 70 x 40 mm



DC311N

WIRELESS DOORBELL

- range: **max. 150 m**
- volume: max 80 dB, 4 melodies
- **IP55 protected push-button**
- frequency: 868 MHz
- **power supply of the bell: 4 x 1,5 V (AA) LR6 batteries**, not included
- **power supply of the push-button: 1 x 3 V (CR2032) battery**, included
- dimensions: 110 x 70 x 40 mm



DCP711

PUSH BUTTON FOR HONEYWELL BELL

- wireless push button for Honeywell branded DC started bells
- RF range in open terrain: 200 m
- operating frequency: 868 MHz
- IP55
- power supply: CR2032 battery (included)
- dimensions: 42 x 42 x 18.5 mm



DCP311

NYOMÓGOMB HONEYWELL CSENGŐHÖZ

- wireless push button for Honeywell branded DC started bells
- RF range in open area: 200 m
- operation frequency: 868 MHz
- with name plate
- IP 55
- power supply: CR2032 battery, included
- dimensions: 30 x 70 x 16 mm



DB 1601DC

WIRELESS DOORBELL

- range in open terrain: **approx. 160 m**
- 60 well-known, classic melodies
- polyphonic, pleasant sound
- **3 levels of volume control plus mute**
- switchable light signal
- doorbell power supply: 3 x 1.5 V (AA) batteries, not included
- push button power supply: 1 x 3 V (CR2032) battery, included
- dimensions of the push button / bell: 35.3 x 65.4 x 17 mm / 80.6 x 80.2 x 32.8 mm



DB 1001DC

WIRELESS DOORBELL

- operation range in open area: **approx. 100 m** • polyphonic, pleasant sound
- 8 varied, well-known melodies • **suitable for pager as well** • heavily interference protected from other doorbells • **unique encoding with learning function** • flashing blue light indication at the same time with the voice signal
- **IP44 protected push-button** • 256 digital codes are available • operation frequency: 433,92 MHz • doorbell power supply: 2 x 1,5 V (AA) batteries, not included • bell push power supply: 1 x 3 V (CR2032) button battery, included • dimensions: 60 x 98 x 32 mm



DB 1030DC

WIRELESS DOORBELL

- operation range in open area: **approx. 100 m** • custom encoding with learning function • **36 varied style melodies** • operating frequency: 433,92 MHz • even up to 8 push-buttons can be used at the same time • **highly interference-protected from the other bells** • push-button power supply: 1 x 3 V (CR2032) button battery, included • bell power supply: 3 x 1,5 V (LR6) batteries, not included • dimensions: 70 x 94 x 30 mm



DB 0630DC

WIRELESS DOORBELL

- operation range in open area: **approx. 60 m**
- poliphonic, pleasant sound
- **32 varied, well-known melodies**
- red LED light when ringing
- operating frequency: 433,92 MHz
- power supply: push-button: 1 x 12 V (LR 23A) battery, included doorbell: 2 x 1,5 V (AA) batteries, not included
- dimensions: 70 x 105 x 26 mm



DBK 1500AC

WIRELESS BELL

NEVER NEEDS BATTERY, RELIABLE OPERATION EVEN IN COLD WEATHER

- **36 varied style melodies** • polyphonic, pleasant sounding • **volume can be set in 4+1 stages** • mute ringing, with light indication • **operation range in open area: approx. 150 m** • operation frequency 433,92 MHz • custom encoding with learning function • highly interference-protected from other bells • bell power supply: 230V~/50 Hz • push-button power supply: **kinetic energy** • dimensions: 80 x 75 x 25 mm



DBK 1000AC

WIRELESS BELL

NEVER NEEDS BATTERY, RELIABLE OPERATION EVEN IN COLD WEATHER

- **learning function: min. 20 push-buttons or doorbells can be paired with each other** • **20 varied style melodies** • polyphonic pleasant sound • **adjustable volume (3 stages)** • blue indicator LED • flashing light indication by ringing • constant night light function • **operation range in open area: approx. 100 m** • operation frequency: 433,92 MHz • custom encoding with learning function • highly interference-protected from other bells • power supply: 230 V~/50 Hz/0,9 W • push-button power supply: **kinetic energy** • dimensions: 75 x 125 x 27 mm



DB 2100AC

WIRELESS DOORBELL

- operation range in open area: **approx. 200 m** • polyphonic, pleasant melodies • 36 selectable melodies • **volume is adjustable to 5 stages** • **LED indicator is flashing together with the sound signal** • battery status indicator with blue LED • individually pre-coded • operating frequency: 433,92 MHz • power supply: bell push: 1 x 12 V (LR23A) battery, included, indoor unit: 230 V~ / 50 Hz / 0,9W • dimensions: 80 x 76 x 23 mm



DB 102AC

WIRELESS DOORBELL

- operation range in open area: **approx. 100 m** • 36 variety of melodies • polyphonic, pleasant sound • adjustable volume, 4 stages • **blue LED indicators** • **IP44 dust and water resistant push-button** • individually pre-coded • operating frequency: 433,92 MHz • power supply: push-button: 1 x 12 V (LR23A), included; indoor unit: 230 V~ / 50 Hz / 1 W • dimensions: 60 x 90 x 30 mm



DB 1000AC

WIRELESS DOORBELL

- operation range in open area: **approx. 100 m**
- elegant, small, minimalistic
- 38 well-known, classical melodies
- polyphonic, pleasant sounding
- **volume can be set in 4 stages**
- flashing blue LED ring light signal
- **active light indication in mute mode**
- 4 push-buttons can be paired with a bell
- different melody can be selected for each button
- strongly disturbance-protected from other bells
- memory in case of power failure
- **push-button sealed against ingress of water: IP44**
- operating frequency 433,92 MHz
- power supply: push-button: 1 x 3 V (CR2032) battery, included indoor unit: 230 V~ / 50 Hz / 0,3 W
- dimensions: Ø50 x 41 mm



DB 1031AC

WIRELESS DOORBELL

- operation range in open area: **approx. 100 m**
- **adjustable volume in 3 stages**
- custom encoding with learning function
- 36 varied style melodies
- operating frequency: 433,92 MHz
- **even up to 8 push-buttons can be used at the same time**
- highly disturbance-protected from other bells
- power supply: push-button: 1 x 3 V (CR2032) battery, included indoor unit: 230 V~ / 50 Hz / 0,5 W
- dimensions: 94 x 70 x 30 mm



DB 442

WIRELESS DOORBELL

- operation range in open area: **approx. 100 m** • **can be paired with up to 4 push-buttons** • 256 different digital codes • **IP44 dust and water resistant push-button** • individually pre-coded • settings will be retained in case of power failure • operating frequency: 433,92 MHz • volume control • built-in mains socket for other devices: max. 13 A • operation indicator LED on the indoor unit • **power supply: push-button: 1 x 3 V (CR2032) battery (included), indoor unit: 230 V~ / 50 Hz** • dimensions: 70 x 125 x 40 mm



DBS 1501AC WIRELESS DOORBELL SET

- operation range in open area: **approx. 150 m** • **two doorbells, operating without batteries** • 36 varied, famous melodies • polyphonic, pleasant sound • volume is adjustable in 4 levels • **blue LED indicators** • **flashing light indication when ringing** • unique encoding with learning function • 4 bell pushes can be paired with one bell • heavily interference-protected from other bells • operation frequency: 433,92 MHz • bell push power supply: 1 x 12 V (LR23A) battery, included • door bell power supply: 230 V~ / 50 Hz / 0,3 W • dimensions: 50 x 100 x 35 mm



DBS 1001DC WIRELESS DOORBELL SET

- **2 indoor units + 1 push-button** • operation range in open area: **approx. 100 m** • polyphonic, pleasant sound • 8 varied, well-known melodies • suitable as pager as well • **unique encoding with learning function** • flashing blue light indication at the same time with the voice signal • **IP44 protected push-button** • 256 digital codes are available • operation frequency: 433,92 MHz • doorbell power supply: 2 x 1,5 V (AA) batteries in each indoor unit, not included • bell push power supply: 1 x 3 V (CR2032), included • dimensions: 60 x 98 x 32 mm



D 6 WIRED BELL

- can be used with the old push-button
- 8 different melodies
- **power supply: 2 x 1,5 V (AA) batteries, not included**
- dimensions: 98 x 155 x 38 mm



DBP 03 PUSH-BUTTON FOR WIRELESS DOORBELL

- for replacing lost, malfunctioning wireless push-buttons, or for installing at one or more entrances
- no interference with similar push-button types
- operation range in open area: **approx. 200 m**
- 256 different digital codes
- **IP44 dust and water resistant push-button**
- operating frequency: 433,92 MHz
- for DB 108, DB 118, DB 128, DB 208, DB 218, DB 228, DB 268, DB 442, DBS 1001DC, DB 1001DC, DB 1002AC, DB 1501AC, DB 1502DC, DB 1503AC doorbells
- power supply: 1 x 3 V (CR2032) battery, included
- dimensions: 27 x 76 x 16 mm



type	power supply of the push buttons	power supply of the doorbell	protection against water of the push button	number of buttons handled simultaneously	operation range in open area	operating frequency
DC915NG	1 x 3 V (CR2032) button battery	4 x 1,5 V (C) (LR14) batteries	IP55	6	approx. 200 m	868 MHz
DC 515NP2	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP55	4	approx. 150 m	868 MHz
DC515N	1 x 3 V (CR2032) button battery	3 x 1,5 V (AA) batteries	IP55	4	approx. 150 m	868 MHz
DC313NP2	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP55	4	approx. 150 m	868 MHz
DC311NP2	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP55	2	approx. 150 m	868 MHz
DC313N	1 x 3 V (CR2032) button battery	4 x 1,5 V (AA) LR6 batteries	IP55	4	approx. 150 m	868 MHz
DC311N	1 x 3 V (CR2032) button battery	4 x 1,5 V (AA) LR6 batteries	IP55	2	approx. 150 m	868 MHz
DBK 1500AC	without battery, kinetic energy	230 V~ / 50 Hz	highly resistant to water	1	approx. 150 m	433,92 MHz
DBK 1000AC	without battery, kinetic energy	230 V~ / 50 Hz	resistant to water	20	approx. 100 m	433,92 MHz
DB 2100AC	1 x 12 V (LR23) battery	230 V~ / 50 Hz	highly resistant to water	10	approx. 200 m	433,92 MHz
DBS 1501AC	1 x 12 V (LR23) battery	230 V~ / 50 Hz	highly resistant to water	4	approx. 150 m	433,92 MHz
DB 102AC	1 x 12 V (LR23) battery	230 V~ / 50 Hz	IP44	4	approx. 100 m	433,92 MHz
DB 1000AC	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP44	4	approx. 100 m	433,92 MHz
DB 1031AC	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP44	8	approx. 100 m	433,92 MHz
DB 442	1 x 3 V (CR2032) button battery	230 V~ / 50 Hz	IP44	4	approx. 100 m	433,92 MHz
DB 1030DC	1 x 3 V (CR2032) button battery	3 x 1,5 V (AA) (LR6) batteries	IP44	8	approx. 100 m	433,92 MHz
DBS 1001DC	1 x 3 V (CR2032) button battery	2 x 1,5 V (AA) batteries	IP44	4	approx. 100 m	433,92 MHz
DB 1001DC	1 x 3 V (CR2032) button battery	2 x 1,5 V (AA) batteries	IP44	4	approx. 100 m	433,92 MHz
DB 0620DC	1 x 12 V (LR23) battery	2 x 1,5 V (AA) batteries	install in protected place	uncoded, expandable	approx. 60 m	433,92 MHz
D 6	dual-core wire, not included	2 x 1,5 V (AA) batteries	not included	unlimited	unlimited	wired

HSK 140

OUTDOOR DUMMY CAMERA WITH LIGHT SENSOR AND PIR LAMP

- convincing modern camera appearance
- **constantly flashing red light**
- white **double LED lamp with light and motion sensor**
- the lamp is activated when it is dark and motion is detected
- it scares away strangers and helps you move around or find the keyhole
- versatile rotation and positioning
- for both outdoor and indoor use
- water protected (IP44)
- power supply: 3 x AAA (1,5 V) batteries, not included
- accessories: screw set
- dimensions: Ø70 x 143 mm / 120 g

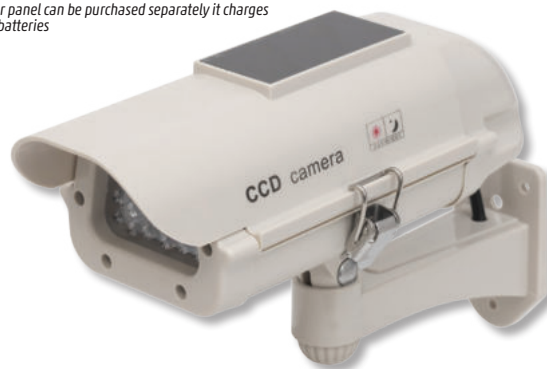


HSK 130

OUTDOOR SOLAR DUMMY CAMERA

- NO FREQUENT BATTERY REPLACEMENT REQUIRED DUE TO SOLAR CHARGING, IDEAL FOR MOUNTING AT A HEIGHT*
- convincing security camera appearance
- **for outdoor use**, protection against ingress of water (IP44)
- robust, rugged design
- **tilting and rotating camera**
- various mounting options on horizontal and vertical surfaces
- **continuously flashing red LED**
- installation in a few minutes
- power supply: 2 x 1,2-1,5 V (AA) **rechargeable** batteries, not included
- accessories: screw set, fittings
- dimensions: 230 x 215 x 70 mm

*the solar panel can be purchased separately it charges 2 pcs AA batteries



HSK 110

OUTDOOR DUMMY CAMERA

- real camera design
- **for indoor** and outdoor use
- tiltable, rotatable
- **constantly blinking red LED**
- power supply: 2 x 1,5 (AA) batteries, not included
- dimensions: 230 x 170 x 85 mm



HSK 120

DUMMY CAMERA WITH MOTION SENSOR

- real dome camera design
- **built-in motion sensor**
- easy to turn on/off
- easily mountable
- power supply 2 x 1,5 V (AA) batteries, not included
- dimensions: Ø116 x 70 mm



HSS 110

OUTDOOR DUMMY ALARM SIREN

- **realistic siren look: the housing of a real siren**
- for outdoor and indoor use
- water protected (IP44)
- heavy-duty ABS material, robust design
- **constantly flashing red LED that is visible from long distances**
- installation in a few minutes
- power supply: 3 x AA (1,5 V) batteries, not included
- dimensions: 200 x 280 x 95 mm





HSB 120 R

WIRELESS ENTRY ALARM WITH REMOTE CONTROL

- when stepping into the range of the motion sensor (PIR) the receiving unit emits sound and light signals
- motion sensor: horizontally within 110°, 5-6 m
- 433,92 MHz, **max. 120 m radio range in open area**
- **accessory remote control (ON - OFF)**
- easy-to-install
- **motion sensor useable outdoors (IP44)**
- screws and dowels included
- power supply: PIR motion sensor: 3x1,5 V (AAA) batteries, not included
indoor unit: 3 x 1,5 V (C) batteries, not included
remote control: 1x12 V (23A) battery, included
- dimensions: 90 x 140 x 45 mm / 65 x 95 x 33 mm



HS 11

ENTRY ALARM WITH WALL-MOUNTED HOLDER

- the entry alarm emits sound signals (ding-dong) when stepping into the range of the sensor
- detection range: 4-5 m
- **adjustable in 120° due to the tiltable wall-mountable holder**
- adjustable volume, it can be switched off as well
- optionally an adapter can be connected
- power supply: 4 x 1,5 V (AA) batteries, not included; 6 V^{max} / 300 mA adapter, not included
- dimensions: 83 x 110 x 50 mm, holder: 83 x 40 x 35 mm



HS 21

DOOR AND WINDOW OPENING SENSOR/ALARM

- emits sound signal when senses door or window opening
- **two functions:** Chime: ding-dong **sound signal;**
ALARM: **alert** (100 dB)
- can be fixed with the self adhesive tape on its back
- can be switched off
- power supply: 3 x 1,5 V (AG13) button batteries, included
- dimensions: 59 x 98 x 26 mm



SZ 3-1

SIREN

- **traditional siren, "one sound"**
- dome speaker
- voltage: 6 - 15 V^{max}
- output: 20 W
- volume: 108 dB
- Ø87 x 104 mm
- high including the base: 112 mm



SZ 1-1

SIREN

- 1 continuous sound signal
- piezo speaker
- voltage: 6 - 16 V^{max}
- output: 20 W
- volume: 100 dB
- 45 x 40 x 60 mm
- high including the base: 57 mm



Z 2

BUZZER

- piezo speaker
- voltage: 1,5 - 12 V^{max}
- volume: 85 dB/30 cm
- Ø22 x 10 mm



Home comfort



HCW 01

WEATHER STATION WITH EXTERNAL TRANSMITTER

• **expected weather symbols** • Moon phase • 12/24 hour time format • alarm with snooze function • 433,92 MHz outdoor temperature and humidity transmitter, 60 m range in open field • ability to manage up to 3 external transmitters (1 included; HCKK 10) • **outdoor and indoor humidity and temperature** • temperature trend display • display of maximum and minimum values • wall hanging or table top placement • easy to install • weather station power supply: 2 x 1,5V (AAA) batteries, not included • external transmitter power supply: 2 x 1,5 V (AA) batteries, not included • dimensions: 7,6 x 12,8 x 2,1 cm



HCW 25

WEATHER STATION WITH OUTDOOR TRANSMITTER

• **negative, white LCD display** • expected weather symbols displayed • **indoor temperature and humidity** • **outdoor temperature and humidity**, with wireless transmitter • 433,92 MHz outdoor temperature and humidity transmitter, 60 m range in open terrain • **handling max. 3 outdoor transmitters** (1 accessory; HCKK 08) • temperature trends • **digital clock, calendar** • 12/24 hour time format • **two alarms**, with adjustable snooze function (3 - 20 minutes) • outdoor, indoor **temperature alarm limits** • easy setup • power supply: weather station: included power network adapter, or 3 x 1,5 V (AA) batteries, not included; outdoor transmitter: 2 x 1,5 V (AAA) batteries, not included • dimensions: 21 x 13,8 x 2,2 (6) cm
The device is suitable for use in the Member States of the European Union.



HCKK 10

EXTERNAL TRANSMITTER FOR THE HCW 01 WEATHER STATION

- 433,92 MHz external temperature and humidity encoder
- max. 80 m range
- can be mounted on the wall or placed on a desktop
- **3 available channels**
- power supply: 2 x 1,5 V (AA) batteries, not included
- dimensions: 3,8 x 10 x 2,2 cm



HCKK 08

EXTERNAL ENCODER FOR HCW 25 WEATHER STATION

- 433,92 MHz external temperature and humidity encoder
- max. 60 m range
- can be hanged up on wall or placed on a table
- **optional 3 channels**
- power supply 2 x 1,5 V (AAA) batteries, not included
- dimensions: 4,8 x 8,2 x 2,6 cm



The device is suitable for use in the Member States of the European Union.

HC 11

WIRELESS OUTDOOR-INDOOR THERMOMETER WITH ALARM CLOCK

- 433,92 MHz outdoor temperature transmitter, **max. 60 m range**
 - can handle 1 transmitter (included: HCKK 05)
 - display of maximum and minimum values
 - temperature measurement range: **indoor: -9 - +50 °C, outdoor: -20 - +60 °C**
 - 12/24 hour time format
 - can be wall-mountable or placed on desktop
 - power supply 4 x 1,5 V (AAA) batteries, not included
 - dimensions: 7,5 x 12,5 x 2 cm / 6 x 9,5 x 2,5 cm
- The device is suitable for use in the Member States of the European Union.



HC 16

TEMPERATURE AND HUMIDITY METER

- for displaying indoor temperature (-10 - +50 °C)
- **for displaying indoor humidity (RH 17% - 99%)**
- **displaying minimum and maximum values**
- 12/24 h time format, date, day of the week
- can be mounted on the wall or placed on a desktop
- power supply: 2x1.5 V (AAA) batteries (not included)
- dimensions: 9,2 x 8 x 2,5 cm



HC 12

WIRELESS OUTDOOR-INDOOR THERMOMETER WITH CLOCK

- display of **indoor temperature** (-9 - +50 °C)
- display of **outdoor temperature** (-50 - +70 °C)
- **length of wired thermometer probe: 1,4 m**
- display of maximum and minimum values
- 12/24 hour time format, date
- wall-mountable or placed on desktop
- power supply 2 x 1,5 V (AAA) batteries, not included
- dimensions: 7 x 12 x 2 cm



HC 13

TEMPERATURE AND HUMIDITY METER WITH ALARM CLOCK

- display of **indoor temperature** (-9 - +50 °C)
- display of **outdoor temperature** (RH 20% - 90%)
- display of maximum and minimum values
- 12/24 hour time format, date, day of the week
- **alarm with snooze function (8 minutes)**
- wall-mountable or placed on desktop
- power supply 2 x 1,5 V (AAA) batteries, not included
- dimensions: 7,3 x 12,3 x 2,2 cm



HCKK 09

OUTDOOR TRANSMITTER FOR HCW 28 WEATHER STATION

- 433,92 MHz outdoor temperature transmitter, 60 m range
- wall mounting or desktop placement
- **3 selectable channels**
- **LCD display**
- power supply: 2 x 1.5 V (AAA) batteries, not included
- dimensions: 6 x 9,6 x 2,6 (5) cm



HCKK 04

EXTERNAL ENCODER FOR HCW 21 AND HCW 26 WEATHER STATIONS

- 433,92 MHz external temperature and humidity encoder, max. 60 m range
- can be mounted on wall or placed on a table
- **optional 3 channels**
- **LCD display**
- power supply 2 x 1,5 V (AAA) batteries, not included

The device is suitable for use in the member states of European Union.



LTC 05 DIGITAL, 3D LED ALARM CLOCK

- **huge, 128 mm high LED display** • it's clearly visible at night and daytime • **readable even from 50 meters distance** • brightness adaptive for ambient light conditions • manual **brightness adjustment** over a wide range • display that can be switched off with a remote control, e.g. at night • **two alarm time simultaneously** • alarm with 1 minute loud beep-beep sound • 12 or 24 hour time format • Accurate time, date and **temperature display** • stopwatch and countdown timer • **all functions can be controlled remotely** • desktop placement or wall mounting • time memory in case of power failure 3 V (CR2032) button battery, included • remote control power supply: 3 V (CR2032) button battery, included • mains USB adapter and **~5,0 m power cable**, included • dimensions: 375 x 128 x 23 mm



LTC 04 DIGITAL, 3D LED ALARM CLOCK

- **80 mm high, white 3D LED display** • it's clearly visible at night and daytime • **readable even from 30 meter distance** • **3 stages of brightness are selectable (20-70-100%)** • energy saving, night mode • brightness is adjustable for durations • 12 - 24 hour time format • alarm with 2 minutes beep-beep sound • 5-60 minutes programmable wake up alarm repeating • **desktop-placement or wall-mountable** • for the case of power cut, time memory can be ensured with CR2032 (3 V) button cell, included • power supply: USB adapter and **~1,8 m USB cable**, included • dimensions: 235 x 100 x 25 mm / 180 g



LTCR 02 DIGITAL LED ALARM CLOCK WITH RADIO

- 30 mm high time display • **large, amber LED display** • **three kinds of selectable brightness** • selectable radio or beep-beep alarm sound • digital radio-frequency display • **10 FM radio station memory** • manual and automatic tuning • sleep mode, radio off-timer • electric volume-control (0-15) • **2 alarms can be set up simultaneously**, within one day • 8-minute wake-up repeat function • one-touch summer / winter time changeover • for the case of power cut, time memory can be ensured with 2 x 1,5 V (AAA) batteries, not included • power supply: 230V~ power cable • dimensions: 170 x 60 x 120 mm



LTCP 01 DIGITAL LED ALARM CLOCK WITH PROJECTOR

- 24 hour, **continuous time display** on the wall, without battery, powered by mains • **46 mm high time display** • red JUMBO LED display • **three kinds of selectable brightness** • reflective, continuously operating LED display • 24-hour time format • easy to see, user-friendly control buttons • **2 alarms can be set up simultaneously, within one day** • LED feedback of the alarm set up time • long alarm with beep-beep sound • 8-minute wake-up repeat function • one-touch summer / winter time changeover • for the case of power cut, time memory can be ensured with 2 x 1,5V (AAA) batteries, not included • power supply: 230V~ power cable • dimensions: 202 x 90 x 52 mm



LTC 02 DIGITAL, LED ALARM CLOCK

- **46 mm high time display** • **adjustable brightness** • 24-hour time format • alarm with beep, with snooze function (9 minutes) • time memory with 9 V (6LR61) battery, not included • power supply: 230V~ / 50 Hz • dimensions: 210 x 85 x 85 mm



LTC 03 DIGITAL, LED ALARM CLOCK

- 15 mm high time display • **amber LED display** • 24-hour time format • LED indication for activated alarm • long alarm with beep-beep sound • **8-minute wake-up repeat function** • for the case of power cut, time memory can be ensured with 9 V (6LR61) battery, not included • power supply: 230 V~ power cable • dimensions: 115 x 45 x 95 mm





OC 04

DIGITAL LED ALARM CLOCK

• **real wooden housing** • highly visible white LED display (120 x 22 mm) • customizable display modes • display can be switched off if the strong light is disturbing at night • **display can be activated by clapping your hands or tapping next to the clock** • time - date - temperature (0 - 50 °C) • 12/24 hour time display • alarm with 1 minute beep-beep sound • three alarm times simultaneously • power supply: AC adapter, included, or 3 x 1,5 V (AAA) batteries, not included • button cell (CR 2032) for memorizing accurate time, included • dimensions: 150 x 70 x 45 mm



OC 05

DIGITAL LED ALARM CLOCK

• **real wooden housing** • highly visible LED display (120 x 22 mm) • customizable display modes • **display can be switched off if the strong light is disturbing at night** • **display can be activated by clapping your hands or tapping next to the clock** • time - date - temperature (0 - 50 °C) • 12/24 hour time display • alarm with 1 minute beep-beep sound • three alarm times simultaneously • power supply: AC adapter, included, or 3 x 1,5 V (AAA) batteries, not included • button cell (CR 2032) for memorizing accurate time, included • power supply: 230 V~/ 50 Hz • dimensions: 150 x 80 x 90 mm



OC 07

DIGITAL LED ALARM CLOCK

highly visible **white LED display** • customizable display modes • display can be switched off if the strong light is disturbing at night • display can be activated by clapping your hands or by tapping next to the clock • **time - date - temperature** (0 - 50°C) • 12/24 hour time display • alarm with 1 minute beep-beep sound • **three alarm times simultaneously** • power supply: accessory mains adapter or 3 x AAA batteries, not included • button battery (CR 2032) for memorizing accurate time, included • dimensions: 150 x 80 x 90 mm



TV SMART BOX ANDROID TV BOX

• **TV enhancer, multimedia player, computer** • if you already have a smart TV, this will make it even more versatile • overall, it replaces a computer • for work, entertainment, gaming • **optional connection of a mouse or keyboard** • breathe new life into your old television or monitor • send photos, videos or music to your TV from your phone • wired and WiFi internet connectivity • apps from the Google Play Store or from alternative sources • **4K UHD video, fast and stable operation** • **High-speed 4 x 2GHz processor, 4/64GB large memory** • YouTube, Netflix, Amazon Prime compatibility • customizable RGB LED light show • accessories: remote controller, AC adapter, HDMI cable • power supply of the remote controller: 2 x 1,5 V (AAA) batteries, not included • dimensions: 105 x 105 x 23 mm/140 g

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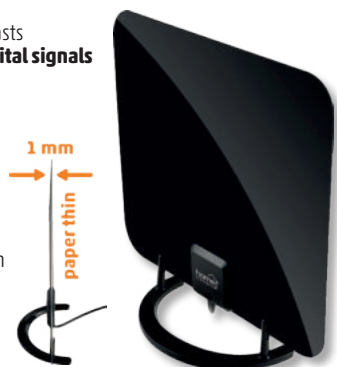
HD T2 DVB-T/T2 RECEIVER

• **DVB-T/T2 receiver for free-to-air terrestrial TV and radio broadcasts** • **Hungarian language menu (Slovak, Romanian, English)** • automatic and manual tuning • electronic newsletter (EPG) • teletext • list of favorite channels • **normal and time shift recording** • **USB connector MAX 500 GB** • **playing multimedia files from playback storage (Video: MPG, AVI, VOB, DAT, ASF, MKV, RM, WMV, TS, QT; Image: JPG, PNG, BMP; Voice: WMA, WAV, MP3)** • audio: MPEG-1(layer I&II&III) MPEG-4 HE AACv2 • video: MPEG4 AVC/H.264 HP@L4, MPEG-2 MP @ HL .ML • supported image resolution: 480p_60, 480i_30, 576p_50, 576i_25, 720p_60, 720p_50, 1080i_30, 1080i_25, 1080p_60, 1080p_50 • **video resolution: 1920 x 1080P** • aspect ratio: 4:3 / 16:9 • child lock • **HDMI, SCART video output** • digital coaxial output • antenna input and output • 5V phantom power supply for amplifier antennas • dimensions: 130 x 88 x 27 mm



FZ 52 INDOOR ANTENNA WITH AMPLIFIER DVB-T/T2

- extremely high sensitivity
- paper thin, lightweight
- ideal for receiving radio and TV broadcasts
- **suitable for receiving analog and digital signals**
- table stand included
- can be stuck on furniture or wall
- **broadcast reception: FM, VHF, UHF**
- **amplification: max. 52 dB**
- power supply: 12 V~ mains adapter, included
- can be supplied from the receiver device (5 V~)
- dimensions: 230 x 210 mm x 1 (10) mm



FZ 56 DVB-T/T2 OUTDOOR ANTENNA

• extremely high sensitivity • ideal for radio and TV signal reception • **suitable for receiving analog and digital signals** • wall-mounted holder and metal clamps included • can be hung, screwed or can be clamped to a pole • built-in „F” connection socket • **broadcast reception: FM, VHF, UHF • 87,5-230 MHz, 470-862 MHz** • amplification: max. 56 dB • output impedance: 75 Ω • purchase of connection cable is required • power supply: 12 V~, mains adapter, included • dimensions: 320 x 30 x 230 mm / 400 g



FZ 53 INDOOR AMPLIFIED ANTENNA

- for the reception of radio and TV broadcasts
- **for analogue and digital broadcasting**
- **3D design** with fabric pattern
- outstanding sensitivity
- built-in low noise amplifier, max. 53 dB
- **horizontal or vertical positioning placement on furniture or a wall**
- connection cable with coaxial plug
- dual power supply option
- power supply via coaxial cable from the receiver or the **included USB mains adapter**
- dimensions: 300 x 100 x 30 mm



FZ 51 INDOOR AMPLIFIED ANTENNA

- for the reception of radio and TV broadcasts
- for analogue and digital broadcasting
- **exclusive fabric coating**
- outstanding sensitivity
- built-in low noise amplifier, max. 51 dB
- **horizontal or vertical positioning placement on furniture or a wall**
- connection cable with coaxial plug
- dual power supply option
- power supply via coaxial cable from the receiver or the **included USB mains adapter**
- dimensions: 190 x 120 x 30 mm



FZ 3 INDOOR ANTENNA WITH AMPLIFIER DVB-T/T2

- broadband tv/radio reception
- **ideal for DVB-T/T2 (digital terrestrial TV broadcast) reception**
- built-in adjustable amplifier
- **rotatable in 300 degrees**
- amplification: max. 32 dB
- power supply: 230 V~
- dimensions: Ø230 mm, height with base: 280 mm



LCDH STAND

LCD/LED TV STANDING BRACKET, FIX

- display size: **49"-70"**
- max. load: **40 kg**
- VESA 300x200, 300x300, 400x200, 400x300, 400x400, 600x400
- material: steel
- **non-slip rubber base**
- cable organizer
- **overturning prevention safety belt**
- accessory: wall fasteners
- dimensions: 86,8 x 52 x 133 cm



LCDH 30

LCD/LED WALL BRACKET, TILTABLE

- screen size: **60" - 100"**
- max. load: **75 kg**
- **with spring-loaded automatic fastening, with quick release strap**
- built-in water level
- accessories: wall mounting brackets
- VESA 200x200, 300x200, 300x300, 400x200, 400x300, 400x400, 600x400, 600x600, 800x600, 900x600



LCDH 19

WALL BRACKET, TILTABLE

- for **37"-70"** screen size
- capacity: **max. 40 kg**
- **tiltable +/- 12°**
- built-in bubble level, accessory mounting brackets
- VESA 200 x 200, 400 x 200, 300 x 300, 400 x 400, 600 x 400



LCDH 18

WALL BRACKET, TILTABLE

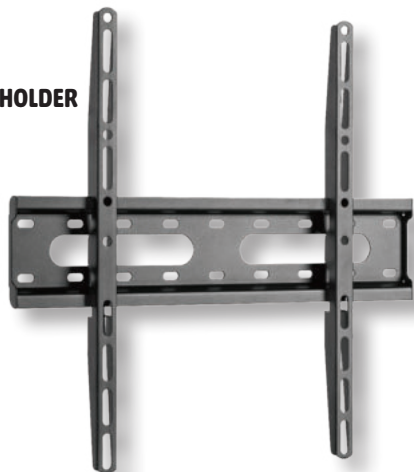
- for **32"-55"** screen size
- capacity: **max. 40 kg**
- **tiltable +/- 12°**
- built-in bubble level, accessory mounting brackets
- VESA 200 x 200, 400 x 200, 300 x 300, 400 x 400



LCDH 081

LCD/LED TV WALL MOUNT HOLDER

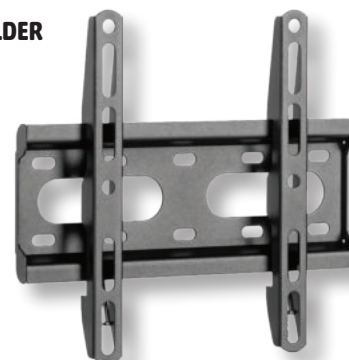
- for **32"-55"** screen size
- capacity: **max. 45 kg**
- accessory mounting brackets
- VESA 75x75, 100x100, 100x150, 150x100, 100x200, 200x100, 150x150, 200x200, 300x200, 400x200, 300x300, 400x300, 400x400



LCDH 071

LCD/LED TV WALL MOUNT HOLDER

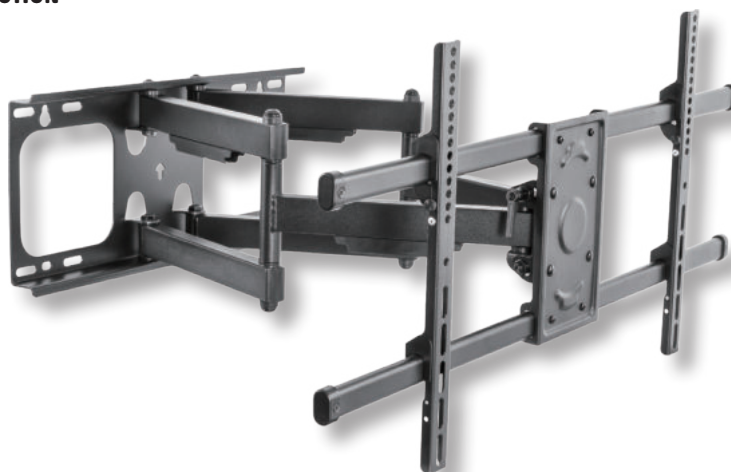
- for **23"-42"** screen size
- capacity: **max. 45 kg**
- accessory mounting brackets
- VESA 75x75, 100x100, 100x150, 150x100, 100x200, 200x100, 150x150, 200x200



LCDH 31

LCD/LED TV WALL BRACKET, FULL MOTION

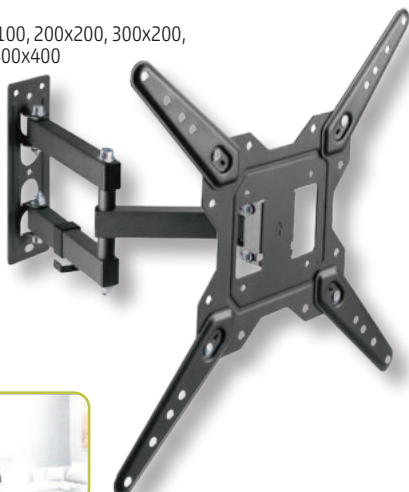
- screen size: **37" - 90"**
- max. load: **75 kg**
- extensible to 63,5 cm, it retreats to 6,9 cm folded
- accessories: water level
- accessories: wall brackets
- VESA 200x200, 300x300, 400x200, 400x400, 600x400, 800x400



LCDH 291

LCD/LED TV WALL MOUNT HOLDER, FULL MOTION

- screen size: **23" - 55"**
- max. load: **30 kg**
- extensible to 38,2 cm, it retreats to 6 cm folded
- accessories: wall brackets
- VESA 100x100, 100x200, 200x100, 200x200, 300x200, 400x200, 300x300, 400x300, 400x400



LCDH 321

LCD/LED TV WALL MOUNT HOLDER, FULL MOTION

- screen size: **23" - 55"**
- max. load: **30 kg**
- extensible to 20,8 cm, it retreats to 6 cm folded
- accessories: wall mounting brackets
- VESA 100x100, 100x200, 200x100, 200x200, 300x200, 400x200, 300x300, 400x300, 400x400



LCDH 02/BK

WALL BRACKET

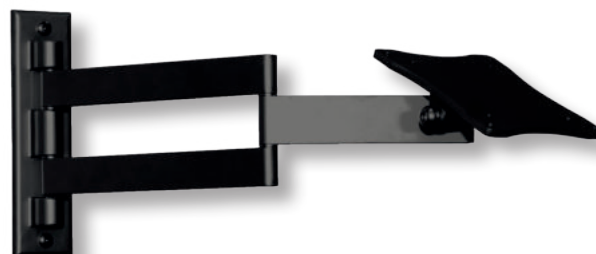
- for speakers
- capacity: **15 kg**
- negotiable arm in 2 points
- **tiltable** base plate
- viewing angle is adjustable in a wide range
- light aluminium mould construction
- fitting accessories
- black
- VESA 75 x 75, 100 x 100



LCDH 01/BK

WALL BRACKET

- for speakers • capacity: **15 kg** • negotiable arm in **3 points** • **tiltable** base plate • viewing angle is adjustable in a wide range • light aluminium mould construction • fitting accessories • black • VESA 75 x 75, 100 x 100



GSH 027

WALL-MOUNTED GLASS SHELF

- to accommodate set-top boxes, game consoles, etc.
- **tempered glass**
- elegant, unique design
- capacity: **max. 8 kg**
- accessory mounting brackets
- size: 360 x 250 mm



SUPTRB007

LG® READY TO USE

- universal remote control for LG® TVs / Smart TVs
- **pre-coded, no setup needed**
- this remote control can be used with any LG® TV made after 2000
- some Smart TV buttons may not be supported
- power supply: 2 x 1,5V (AAA) batteries, not included



SUPTRB008

SAMSUNG® READY TO USE

- universal remote control for Samsung® TVs / Smart TVs
- **pre-coded, no setup needed**
- this remote control can be used with any LG® TV made after 2000
- some Smart TV buttons may not be supported
- power supply: 2 x 1,5 V (AAA) batteries, not included



SUPTRB009

SONY® READY TO USE

- universal remote control for Sony® TVs / Smart TVs
- **pre-coded, no setup needed**
- this remote control can be used with any Sony® TV made after 2000
- some Smart TV buttons may not be supported
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC ALL

UNIVERSAL REMOTE CONTROL

- **to operate the products of 9 brands**
(Samsung, LG, Sony, Panasonic, Toshiba, Philips, Hisense, Sharp, Grundig)
- **pre-coded per brand**
- button-press indicator red LED
- 3D TV compatible
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC LG 1

REMOTE CONTROL FOR LG TV

- for **LG-branded TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC LG 2

REMOTE CONTROL FOR LG TV

- for **LG-branded smart TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC SON

REMOTE CONTROL FOR SONY SMART TV

- for **Sony-branded smart TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC PAN

REMOTE CONTROL FOR PANASONIC TV

- for **Panasonic-branded smart TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC PH

REMOTE CONTROL FOR PHILIPS TV

- for **Philips-branded smart TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) battery, not included



URC SAM 1

REMOTE CONTROL FOR SAMSUNG TV

- for **Samsung-branded smart TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC SAM 2

REMOTE CONTROL FOR SAMSUNG TV

- for **Samsung-branded TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC GR 1

REMOTE CONTROL FOR GRUNDIG TV

- for **GRUNDIG-branded TV** devices
- **pre-coded, does not require settings**
- power supply: 2 x 1,5 V (AAA) batteries, not included



URC 10

UNIVERSAL REMOTE CONTROL, FOR 8 DEVICES

- replaces **8 remote controls** at the same time
- **preprogrammed**
- code selection is possible by quick search or by brand
- teletext function
- memory to prevent loss of adjusted codes in case of battery change
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 45 x 21 x 182 mm



URC 22

UNIVERSAL REMOTE CONTROL, FOR 4 DEVICES

- replaces **4 remote controls** at the same time
- **preprogrammed codes**
- manual code selection or automatic code search
- ergonomic design
- power supply: 2 x 1,5 V (AA) batteries, not included
- dimensions: 180 x 60 x 25 mm

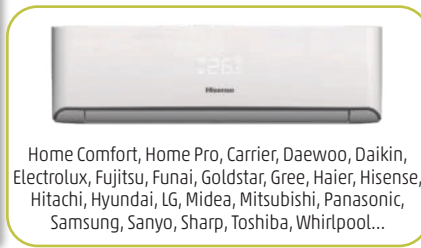


URC 2000AC/SL UNIVERSAL REMOTE CONTROL FOR AIR CONDITIONERS

2000 operating codes for more than **10000 types**.

It can be used for almost all types of air conditioners. **It expands your device with new, useful features.**

- always displays the temperature of the room
- exact time is constantly displayed
- timer programmes; switching on and off
- intelligent rapid heating and rapid cooling modes
- **SMART sleeping mode** with delayed temperature control
- **automatic operating code search**
- manual setup by brand
- clear, well-readable, large scale display
- steady blue LED background light
- supplied with wall bracket
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 165 x 55 x 20 mm



Home Comfort, Home Pro, Carrier, Daewoo, Daikin, Electrolux, Fujitsu, Funai, Goldstar, Gree, Haier, Hisense, Hitachi, Hyundai, LG, Midea, Mitsubishi, Panasonic, Samsung, Sanyo, Sharp, Toshiba, Whirlpool...

RC-OPEN4/P

UNIVERSAL REMOTE CONTROL

- **fix-coded, universal remote control**
- plastic housing
- for controlling garage doors, electric gates, etc.
- can be used for 433 MHz systems
- **4 programmable buttons**
- the programmed code is not deleted when the batteries are replaced
- power supply: LR 23A (12 V) battery, included



URC GATE

UNIVERSAL REMOTE CONTROL

- can be taught based on the original remote controller
- fix coded, for 433 MHz systems
- **for 4 functions or devices simultaneously**
- can be used for: gates, garages, remote controllable sockets, household appliances, alarms
- **metal front panel and frame with keychain**
- range: approx. 30 m
- power supply: 12 V (27 A) battery, included



URC JUMP

UNIVERSAL REMOTE CONTROL, 2IN1

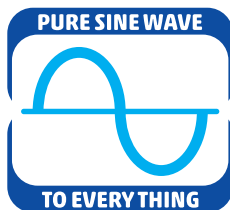
- for **jump code** systems
- for **fix code** systems
- independently teachable buttons
- frequency range: 280-350/380-450/867-868 MHz
- material: ABS
- power supply: 1 x 3 V (CR2032) battery
- dimensions: 63 x 37 x 13 mm



UPS 1000

VOLTAGE STABILIZER

- voltage stabilizer function, 140 – 275 V ~ for input mains voltage
- 1000 VA apparent output
- 700 W effective output
- inverter and UPS supply function owing to the connectable 12 V^{DC} battery
- battery charger, 10 A charging current
- recommended battery capacity: min. 40 Ah
- produces the same voltage as the mains supply (Pure Sine)
- 2 grounded GS connector sockets
- length of power cable: 80 cm
- length of battery connection cables: 75 cm
- dimensions: 14,5 x 17 x 34 cm / 7,4 kg



NA 12P200

MAINS POWER ADAPTOR

- switching adaptor
- ideal for 12 V DC equipment, up to 2000 mA power consumption
- 140 cm connection cable



MW MD25

MAINS POWER ADAPTER, 3-12 V DC

- up to 2250 mA power consumption
- adjustable voltage: 3/4,5/5/6/7,5/9/12V
- LED indicator
- accessory: 6 connectors with optional polarity adjustment



MW MC15

MAINS POWER ADAPTER, 3-12 V DC

- up to 1500 mA power consumption
- adjustable voltage: 3/4,5/5/6/7,5/9/12V
- LED indicator
- accessory: 6 connectors with optional polarity adjustment



MW MB10

MAINS POWER ADAPTER, 3-12 V DC

- up to 1000 mA power consumption
- adjustable voltage: 3/4,5/5/6/7,5/9/12V
- LED indicator
- accessory: 6 connectors with optional polarity adjustment



MW MA06

MAINS POWER ADAPTER, 3-12 V DC

- up to 600 mA power consumption
- adjustable voltage: 3/4,5/5/6/7,5/9/12V
- LED indicator
- accessory: 6 connectors with optional polarity adjustment



MW MA06/G+

MAINS POWER ADAPTER, 3-12 V DC

- ideal for 3-12V devices up to 600 mA current consumption
- with fixed 2.5x5.5 mm connector
- adjustable voltage: 3V - 4,5V - 5V - 6V - 7,5V - 9V - 12V
- LED indicator

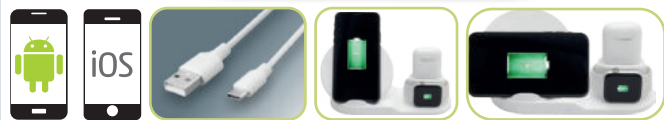


SA 2000Qi

WIRELESS CHARGER

- **3in1: charge a phone, watch and earphones at the same time**
- convenient, single-wire connection
- the phone can be placed both in horizontal and vertical position
- manufacturer-independent phone compatibility if the phone supports **Qi standard wireless charging**
- the watch charger is also wireless (e.g. iWatch)
- the earphone charger has built-in Lightning plug (e.g. AirPods)
- multi-colored charge indicator LED
- accessory USB / USB-C charger cable
- dimensions: 200 x 100 x 85 mm

Check the compatibility of your products before purchase!
It requires a 2A adapter (e.g. SA 2000UC, SA 24USB).



MW 2P100

230/110 V VOLTAGE CONVERTER

- for the operation of appliances produced for 110 V mains network
- **max. 100 W loadability**
- desktop design
- for American toys as well
- dimensions: 84 x 70 x 114 mm



NBC 65W

UNIVERSAL USB-C FAST CHARGER

- ideal for mobile devices: notebooks, mobile phones, tablets, earphones and headphones, sound boxes
- **compatible with both conventional and PD devices**
- **GaN technology:** smaller, lighter, more efficient
- maximum capacity: **65 Watt**
- with an approx. 1.7 m charger cable
- PRI: 100-240 V~ / 50-60 Hz / 1,5 Amax.
- SEC USB-C (PD65W): 5 V / 3 A, 9 V / 3 A, 12 V / 3 A, 15 V / 3 A, 20 V / 3,25 A



SA 20QCPD

2IN1 USB QC, PD FAST CHARGER, 20 W

- USB-A: **QUICK CHARGE** compatible fast charger
- USB-C: **POWER DELIVERY** compatible fast charger
- also works as a traditional fast charger
- for charging two devices at the same time
- PRI: 100-240 V~ / 50-60 Hz / 0,5 Amax.
- SEC USB-A: **(QC)** 5 V / 3 A, 9 V / 2 A, 12 V / 1,5 A
- SEC USB-C: **(PD)** 5 V / 3 A, 9 V / 2,22 A, 12 V / 1,67 A
- SEC USB-A+USB-C: **(QC+PD)** 5 V / 3 A
- QC: 18 Wmax, PD: 20 Wmax, QC+PD: 15 Wmax.



SA 50USB

ADAPTER WITH 4 PCS USB SOCKETS

- **high current rapid charge: 3.1 A max. / socket**
- input: 100-240 V~ / 50-60 Hz
- **4 pcs 5 V / 3,1 A SUM 5 A shared USB outputs**
- 4 devices can be charged at the same time



SA 24USB

ADAPTER WITH 2 PCS USB SOCKETS

- input: 100-240V~/50-60 Hz
- **2 pcs 5 V / 2,4 A SUM 2,4 A divided USB output**
- 2 devices can be charged at the same time



NV 2100 USB

MAINS SOCKET WITH USB CHARGING SOCKETS

- 2 x USB charging socket, 5 V / **max. 2,1 A**
- grounded mains socket with child protection shutter
- 250 V~ / 50 Hz / **max. 16 A / max. 3680 W**



SBC 2

BATTERY CHARGER

- for charging **Li-ion and Ni-Mh batteries**
- short circuit protection
- overvoltage protection
- reverse polarity detection
- power supply: **5 V**, 2000 mA, microUSB cable, accessory
- **Li-ion 3,7 V:** 10400, 14500, 16340, 17670, 18350, 18500, 18650, 26650
- **Ni-MH/Ni-Cd 3,7 V:** AA, AAA, AAAA, C
- charging current: Li-ion x1: **0.5 A / 1 A / 2 A**
Li-ion x2: **0.5 A / 1 A**
Ni-MH/Ni-Cd: **0.5 A**
- **power bank function**
- dimensions: 131 x 68,2 x 38,5 mm, weight: 109 g



LR6 24PK POWER PACK

AA BATTERY PACK

- alkaline
- pencil (AA)
- 1,5V
- 24 pcs / box



maxell

LR03 24PK POWER PACK

AAA BATTERY PACK

- alkaline
- mini pencil (AAA)
- 1,5V
- 24 pcs / box



maxell

MAXELL LR6

AA BATTERY

- alkaline
- pencil (AA)
- 1,5V
- 4 pcs/blister



maxell

MAXELL LR6 4+2

AA BATTERY

- alkaline
- pencil (AA)
- 1,5V
- 6 pcs/blister



maxell

MAXELL R6

AA BATTERY

- semi-durable
- pencil (AA)
- 1,5V
- 4 pcs / pack



maxell

MAXELL LR03

AAA BATTERY

- alkaline
- mini pencil (AAA)
- 1,5V
- 4 pcs/blister



maxell

MAXELL LR03 4+2

AAA BATTERY

- alkaline
- mini pencil (AAA)
- 1,5V
- 6 pcs/blister



maxell

MAXELL R03

AAA BATTERY

- semi-durable
- mini pencil (AAA)
- 1,5V
- 4 pcs/pack



maxell

MAXELL LR14

C BATTERY

- alkaline
- baby (C)
- 1,5V
- 2 pcs/blister



maxell

MAXELL 6LR61

9V BATTERY

- alkaline
- 9V (6LR61) méret
- 9V
- 1 pc/blister



maxell

MAXELL R14

C BATTERY

- semi-durable
- baby (C)
- 1,5V
- 2 pcs/pack



maxell

MAXELL LR20

D BATTERY

- alkali battery
- goliath (D)
- 1,5V
- 2 pcs/blister



maxell

VARTA 3R12

FLAT BATTERY

- semi-durable
- flat battery (3R12)
- 4,5V
- 1 pc/pack



VARTA

MAXELL R20

D BATTERY

- semi-durable
- goliath (D)
- 1,5V
- 2 pcs/pack



maxell

M 700AAA

ACCUMULATOR

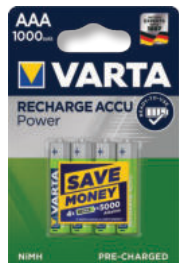
- NiMH accumulator
- type (AAA)
- 1,2 V/**700 mAh**
- 4 pcs/blister



5703

ACCUMULATOR AAA RTU

- NiMH accumulator
- type (AAA)
- **1000 mAh**
- RTU - Ready To Use - charged and ready to use
- 4 pcs/blister



56706

ACCUMULATOR AA RTU

- NiMH accumulator
- type (AA)
- **2100 mAh**
- RTU - Ready To Use - charged and ready to use
- 4 pcs/blister



56733

ACCUMULATOR AAA

- NiMH accumulator
- type (AAA)
- **550 mAh**
- ideal for solar products
- 2 pcs/blister



56736

ACCUMULATOR AA

- NiMH accumulator
- type (AA)
- **800 mAh**
- ideal for solar products
- 2 pcs/blister



VARTA CR123

CR123 BATTERY

- lithium
- battery (CR123)
- 3V
- 1 pc/blister



MAXELL LR1

LR1 BATTERY

- alkaline
- LR1 size
- 1,5V
- 5 pcs/blister



VARTA V23GA LR23

LR23 BATTERY

- alkaline
- battery (LR23)
- 12V
- 1 pc/blister



VARTA CR1220

BUTTON BATTERY

- lithium
- button battery (CR1220)
- 3V
- 1 pc/blister



MAXELL SR626SW

BUTTON BATTERY

- silver-oxide
- button battery SR626SW)
- 1,55V
- 1 pc/blister



ET 3

BATTERY TESTER

- for checking button cells, batteries and 9V accumulators
- 1,5V/ 9V max. (AG, AAA, AA, C, D, 6LR61)
- simple, quick handling
- load testing
- dimensions: 110 x 60 x 25 mm



VARTA CR2450

BUTTON BATTERY

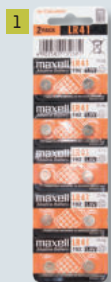
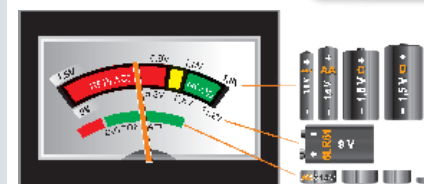
- lithium
- button battery (CR2450)
- 3V
- 1 pc/blister



VARTA CR2430

BUTTON BATTERY

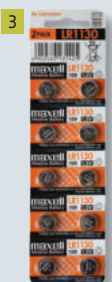
- lithium
- button battery (CR2430)
- 3V
- 1 pc/blister



maxell



maxell



maxell



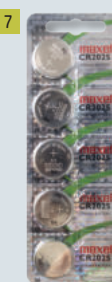
maxell



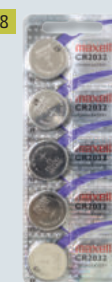
maxell



maxell



maxell



maxell

pict.	type	name	nature	dimensions	voltage	pcs / blister
1	Maxell LR41	button battery	alkaline	LR41	1,5V	10
2	Maxell LR44	button battery	alkaline	LR44	1,5V	10
3	Maxell LR1130	button battery	alkaline	LR 1130	1,5V	10
4	Maxell CR1616	button battery	lithium	CR 1616	3V	5

pict.	type	name	nature	dimensions	voltage	pcs / blister
5	Maxell CR1620	button battery	lithium	CR 1620	3V	5
6	Maxell CR2016	button battery	lithium	CR 2016	3V	5
7	Maxell CR2025	button battery	lithium	CR 2025	3V	5
8	Maxell CR2032	button battery	lithium	CR 2032	3V	5

RT 12120

LEAD BATTERY

- **12 V/12 Ah**
- 151 x 98 x 95 mm
- closed construction
- **5 years service time**
- areas of use:
alarm systems,
medical equipment,
uninterruptible power
sources, fire protection and
security systems,
children's electric vehicles



RT 1245E

LEAD BATTERY

- **12V/4,5 Ah**
- 90 x 70 x 101 mm
- closed construction
- **5 years service time**
- areas of use:
alarm systems,
medical equipment,
uninterruptible power
sources, fire protection and
security systems,
children's electric vehicles



RT 1280

LEAD BATTERY

- **12 V/8 Ah**
- 151 x 65 x 100 mm
- closed construction
- **5 years service time**
- areas of use:
alarm systems,
medical equipment,
uninterruptible power
sources, fire protection and
security systems,
children's electric vehicles



RT 645

LEAD BATTERY

- **6 V/4,5 Ah**
- 70 x 47 x 101 mm
- closed construction
- **5 years service time**
- areas of use:
alarm systems,
medical equipment,
uninterruptible power
sources, fire protection and
security systems,
children's electric vehicles



1.100100-TH

TRAVEL ADAPTER WORLD TO EUROPE



- standard of the country of departure: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (unearthed only)
- socket standard of the country of destination: GS
- input voltage: 100-250 V
- max. load: 16 A
- output: 100 V - 1600 W / 250 V - 4000 W



q2power™ ENERGY WORLDWIDE

1.100110

TRAVEL ADAPTER WORLD TO EUROPE USB



- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard socket of destination country: GS
- the product has an extra USB socket
- input voltage: 100 - 250 V
- max. load: 16 A
- output: 100 V - 1600 W / 250 V - 4000 W



q2power™ ENERGY WORLDWIDE

2.100100

TRAVEL ADAPTER QDAPTER



- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard of destination country: Qdapter: AUS, BRAZIL, IT, CH, UK, USA
- input voltage 100-250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



q2power™ ENERGY WORLDWIDE

2.100110

TRAVEL ADAPTER QDAPTER USB



- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard of destination country: Qdapter: AUS, BRAZIL, IT, CH, UK, USA
- the product has an extra USB socket
- input voltage: 100-250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



q2power™ ENERGY WORLDWIDE

2.100130

TRAVEL ADAPTER QDAPTER 360 USB



- two devices in the set: Qdapter (with USB socket) and World to Europe



q2power™ ENERGY WORLDWIDE

2.200100

TRAVEL ADAPTER QPLUX WORLD 5IN1



- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard of destination country: AUS, IT, UK, USA, GS
- input voltage: 100-250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



q2power™ ENERGY WORLDWIDE

1.200100-TH

TRAVEL ADAPTER EUROPE TO UK



- can be used for devices with grounded GS connectors
- standard of the country of departure: GS
- destination country connector standard: UK
- input voltage: 100-250 V
- max load: 7 A
- power: 100 V - 700 W / 250 V - 1750 W



q2power™ ENERGY WORLDWIDE

1.100140

TRAVEL ADAPTER WORLD TO USA



- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard of destination country: USA
- input voltage: 100 - 250 V
- max. load: 15 A
- output: 100 V - 1500 W / 250 V - 3750 W



q2power™ ENERGY WORLDWIDE

1.100150

**TRAVEL ADAPTER
WORLD TO USA USB**



- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard of destination country: USA
- the product has an extra USB socket
- input voltage: 100 - 250 V
- max. load: 15 A
- output: 100 V - 1500 W / 250 V - 3750 W



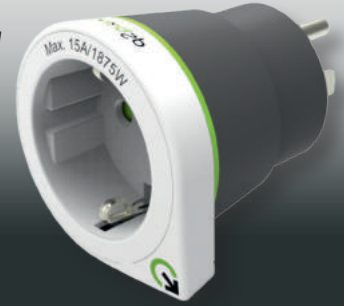
q2power™
ENERGY WORLDWIDE

1.200110

**TRAVEL ADAPTER
EUROPE TO USA**



- useable with grounded GS connector devices
- standard of departure country: EUROPE
- standard of destination country: USA
- input voltage: 100-250 V
- max. load: 15 A
- output: 100 V - 1500 W / 250 V - 3750 W



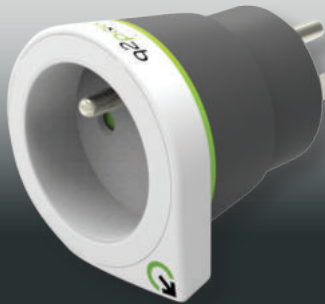
q2power™
ENERGY WORLDWIDE

1.200210

**TRAVEL ADAPTER
FRANCE TO USA**



- standard of departure country: FR
- standard of destination country: USA
- input voltage: 100 - 250 V
- max. load: 15 A
- output: 100 V - 1500 W / 250 V - 3750 W



q2power™
ENERGY WORLDWIDE

1.100210

**TRAVEL ADAPTER
WORLD TO SWITZERLAND USB**



- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard of destination country: CH
- the product has an extra USB socket
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



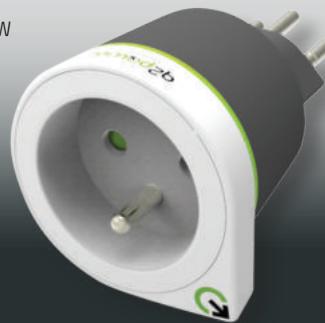
q2power™
ENERGY WORLDWIDE

1.200230

**TRAVEL ADAPTER
FRANCE TO SWITZERLAND**



- standard of departure country: FR
- standard of destination country: CH
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



q2power™
ENERGY WORLDWIDE

1.100190

**TRAVEL ADAPTER
WORLD TO ITALY USB**



- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard of destination country: IT
- the product has an extra USB socket
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



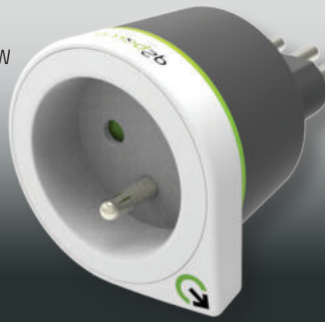
q2power™
ENERGY WORLDWIDE

1.200240

**TRAVEL ADAPTER
FRANCE TO ITALY**



- standard of departure country: FR
- standard of destination country: IT
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



q2power™
ENERGY WORLDWIDE

1.100160

**TRAVEL ADAPTER
WORLD TO AUSTRALIA/CHINA**



- standard of departure country: AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- standard of destination country: AUS/CHI
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W



q2power™
ENERGY WORLDWIDE

1.100170

**TRAVEL ADAPTER
WORLD TO AUSTRALIA/CHINA USB**



- **standard of departure country:** AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- **standard of destination country:** AUS/CHI
- the product has an extra USB socket
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W

q2power™
ENERGY WORLDWIDE



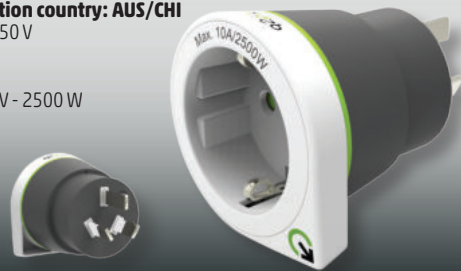
1.200120

**TRAVEL ADAPTER
EUROPE TO AUSTRALIA/CHINA**



- **standard of departure country:** EUROPE
- **standard of destination country:** AUS/CHI
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W

q2power™
ENERGY WORLDWIDE



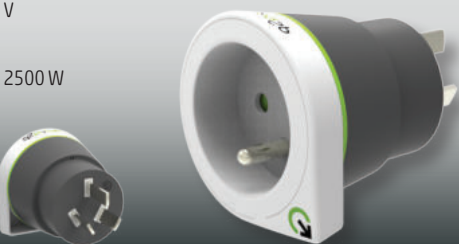
1.200220

**TRAVEL ADAPTER
FRANCE TO AUSTRALIA/CHINA**



- **standard of departure country:** FR
- **standard of destination country:** AUS/CHI
- input voltage: 100 - 250 V
- max. load: 10 A
- output: 100 V - 1000 W / 250 V - 2500 W

q2power™
ENERGY WORLDWIDE



1.100220

**TRAVEL ADAPTER
WORLD TO SOUTH AFRICA**



- **standard of departure country:** AUS/CHINA, IT, UK, CH, BRAZIL, USA, EURO (only ungrounded)
- **standard of destination country:** ZA
- input voltage: 100 - 250 V
- max. load: 16 A
- output: 100 V - 1600 W / 250 V - 4000 W

q2power™
ENERGY WORLDWIDE



3.100110

CAR USB CHARGER

TRIPLE USB CAR CHARGER MICRO USB CONNECTOR

- **simultaneously useable for 3 appliances**
- **it has 2 USB sockets and a pull-out Micro-USB connector**
- useable in 12-24 V vehicles
- input: 12-24 V DC
- output: 5 V DC / 3.1 A (divided)
- output connector: 2 x USB-A sockets, 1 x micro USB

q2power™
ENERGY WORLDWIDE



3.100130

CAR USB CHARGER

TRIPLE USB CAR CHARGER USB TYPE C CONNECTOR

- **simultaneously useable for 3 appliances**
- **it has 2 USB sockets, and a pull-out USB-C connector**
- useable in 12-24 V vehicles
- input: 12-24 V DC
- output: 5 V DC / 3.1 A (divided)
- length of wire: 20 cm
- output connector: 2 x USB "C"

q2power™
ENERGY WORLDWIDE



Stanley - Innovative solutions

SXWTD-FT585 2-IN-1 FOLDING PLATFORM TRUCK / HAND TROLLEY

- 137/70 kg load capacity
- can be opened to a hand truck, and formed to hand trolley in seconds
- when folding to plate, all the 4 wheels fold
- can be stored in a small place, behind furniture, under bed
- easy to transport when folded
- heavy-duty parts made of nylon, the other plastic components are made of polypropylene
- the frame material is steel, the loading surface is aluminium
- ball bearing plastic wheels with rubber tread
- weight: 7,3 kg
- dimensions **folded: 39 x 64 x 12 cm**
platform truck: 45 x 78 x 92 cm
loading surface: 39 x 57 cm
hand trolley: 45 x 41 x 134 cm
wheel size: Ø12,6 cm and Ø8,7 cm



STANLEY

SXWTD-PC527 FOLDING STEEL TROLLEY

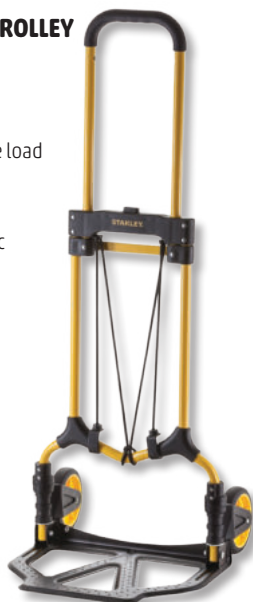
- 150 kg load capacity
- quick unfolding and folding
- steel frame and handle
- ball bearing mounted wheels
- weight: 7,8 kg
- dimensions: folded: 73,5 x 47 x 23 cm
unfolded: 73,5 x 47 x 83 cm
platform size: 73,5 x 47 cm



STANLEY

SXWTD-FT580 FOLDING HAND TROLLEY

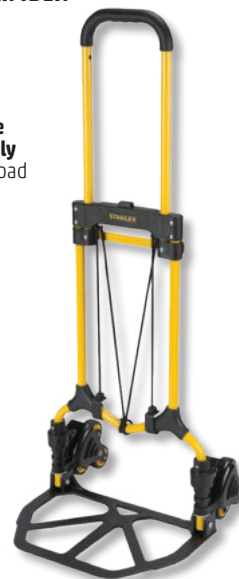
- 70 kg load capacity
- can be opened or folded to plate in seconds
- when folding to plate, its wheels fold
- easy to use, strong rubber cord cord to secure the load
- can be stored in a small place, behind furniture, under bed
- easy to transport when folded
- heavy-duty parts made of nylon, the other plastic components are made of polypropylene
- the material of the frame and the loading surface is steel
- plastic wheels with rubber tread
- weight: 3,9 kg
- dimensions **folded: 39 x 6 x 73 cm**
unfolded: 40 x 41 x 73 cm
loading surface: 39 x 29 cm
wheel size: Ø12,7 cm and Ø4 cm



STANLEY

SXWTD-FT584 FOLDING, STAIR-CLIMBER HAND TROLLEY

- 60 kg load capacity
- can be opened or folded to plate in seconds
- when folding to plate, its wheels fold
- 2 x 3 pcs wheels for taking the stairs, to overcome thresholds, paving stones and other obstacles easily
- easy to use, strong rubber cord cord to secure the load
- can be stored in a small place, behind furniture, under bed
- easy to transport when folded
- heavy-duty parts made of nylon, the other plastic components are made of polypropylene
- the frame material is steel, the loading surface is aluminium
- plastic wheels with rubber tread
- weight: only 4,0 kg
- dimensions **folded: 39 x 6 x 73 cm**
unfolded: 40 x 40 x 102 cm
loading surface: 39 x 27 cm
wheel size: Ø5,6 cm and Ø2,5 cm



STANLEY

SXWTC-HT524 HAND TRUCK

- 250 kg load capacity
- steel made design
- inflatable wheels
- weight: 9,8 kg
- dimensions: 49 x 55 x 119 cm
- lifting plate: 30,5 x 24 cm
- inflatable wheel: Ø26 cm



STANLEY

SXWTD-FT505 FOLDING BASKET

- 25 kg load capacity
- 50 liters capacity
- can be opened or folded in seconds
- can be stacked unfolded due to special connection points, even when folded
- fits stably on the platform of the "Platform Truck"
- weight: 2 kg
- dimensions **folded: 56,8 x 41 x 7,5 cm**
unfolded: 56,8 x 41 x 27 x 2 cm



STANLEY

SXECCM2FESE OUTDOOR METAL CABLE REEL

- built-in cable guide/brake
- the cable can simply be unwinded, then fixed
- **the sockets in the middle of the cable reel do not rotate**
- massive metal reel, base and handle
- **IP44 protection**
- for indoor and outdoor use
- **H07RN-F 3G2,5 mm² cable**
- 3000 W
- 25 m

PREMIUM
QUALITY

STANLEY

**OUTDOOR METAL CABLE REEL**

- built-in cable guide/brake
- the cable can simply be unwinded, then fixed
- **the sockets in the middle of the cable reel do not rotate**
- massive metal reel, base and handle
- **IP44 protection**
- for indoor and outdoor use
- **H07RN-F 3G1,5 mm² cable**
- max. 3000 W

PREMIUM
QUALITY**SXECCM2FAVE**

- 40 m

SXECCM2FASE

- 25 m



STANLEY

**SXECCL27ARE** OUTDOOR CABLE REEL

- built-in cable guide/brake
- the cable can simply be unwinded, then fixed
- the sockets in the middle of the cable reel do not rotate
- massive metal reel, base and handle
- **IP44 protection**
- for indoor and outdoor use
- **20 m cable, H07RN-F 3G1,5 mm²**
- max. 3000 W

PREMIUM
QUALITY

STANLEY

**INDOOR CABLE REEL**

- built-in cable guide/brake
- the cable can simply be unwinded, then fixed
- the sockets in the middle of the cable reel do not rotate
- massive metal reel, base and handle
- **IP44 protection**
- for indoor and outdoor use
- **H05VV-F 3G1,5 mm² cable**
- max. 3000 W

PREMIUM
QUALITY**SXECCL26BVE**

- 40 m

SXECCL26BSE

- 25 m

STANLEY

**SXECCR91A3E** EXTENSION CORD

- with black wire
- **IP44 protection**
- for indoor and outdoor use
- **25 m cable, H07RN-F 3G1,5 mm²**

PREMIUM
QUALITY**SXECCR91A1E**

- **10 m cable, H07RN-F 3G1,5 mm²**

STANLEY

**SXECCR91E2E** EXTENSION CORD

- with black wire
- 3 x 2,5 mm² wire
- **IP44 protection**
- for indoor and outdoor use
- **20 m cable, H07RN-F 3G2,5 mm²**

PREMIUM
QUALITY

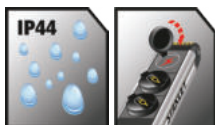
STANLEY



SXECCR25AJE

4-SOCKET DISTRIBUTOR WITH SWITCH AND RCD PLUG

- increased protection against electric shock and electric fire
- with black wire
- **IP44 protection**
- for indoor and outdoor use
- **5 m cable, H07RN-F 3G1,5 mm²**



STANLEY

SXECCDORAJE

4-SOCKET DISTRIBUTOR WITH SWITCH, HANGABLE

- massive, aluminium housing
- with foldable, massive plastic hook
- with high visibility yellow cable
- **IP44 protection**
- for indoor and outdoor use
- **5 m cable, H07RN-F 3G1,5 mm²**



STANLEY

SXECCH2LAFE

4-SOCKET DISTRIBUTOR WITH SWITCH, CLIPPABLE

- with its massive aluminium clip, it can be fixed on tabletop, ladder
- with black wire
- **IP44 protection**
- for indoor and outdoor use
- **3 m cable, H07RN-F 3G1,5 mm²**



STANLEY

SXECCD2LADE

4-SOCKET DISTRIBUTOR WITH SWITCH

- massive, aluminium housing
- with high visibility yellow cable
- **IP44 protection**
- for indoor and outdoor use
- **2 m cable, H07RN-F 3G1,5 mm²**



STANLEY

SXECCCOLAJE

2-SOCKET DISTRIBUTOR, STAKEABLE

- massive aluminium housing
- can be used with the accessory stake
- with high visibility yellow wire
- **IP44 protection**
- for indoor and outdoor use
- **5 m cable, H07RN-F 3G1,5 mm²**



STANLEY

SXECCKOEAJE

2-SOCKET DISTRIBUTOR, WITH BELT CLIP

- massive aluminium housing
- with plastic belt clip
- with black wire
- **IP44 protection**
- for indoor and outdoor use
- **5 m cable, H07RN-F 3G1,5 mm²**



STANLEY

HJR 25-3

CABLE REEL WITH 22 + 3 m RUBBERED CABLE

We recommend it for such cases, when IP44 protection against splashing water is required, and you don't want to use the cable reel in the vicinity of the operated device.

- **H05RR-F 3G1,5 mm² cable, IP 44 design**
- **22 + 3 m cable** on the big and on the smaller reel
- straight plug and free standing socket on the cable ends
- reset button to cancel the released thermal protection
- 250 V~ / max. 3500 W - unwound / max. 1000 W - wound up

With metal base, rubber cable!



HJR 24-30

CABLE REEL WITH 27+3 M CABLE

We recommend this product in cases when you don't want to place the cable reel next to the equipment to be operated.

- **H05VV-F 3G1,0 mm² cable, IP20 design**
- 27 + 3 meter cable on the big and small rewinder reel
- 250 V~ / max. 900 W - wound up / max. 2300 W - unwound
- pipe-shape plug and straight free standing socket on cable ends
- reset button to cancel the released thermal protection

With metal base!



HJR 4-50

CABLE REEL WITH 25/40/50 M CABLE

- can be used also if cable is coiled
- pipe-shape plugs, 4 shockproof sockets
- restorer button to delete the deployed thermal protection
- **H05VV-F 3G1,5 mm² cable, IP20 design**
- with 50 m cable
- 250 V~ / max. 1000 W - wound up / max. 3000 W - unwound

With metal base!



HJR 4-40

- **H05VV-F 3G1,0 mm² cable, IP20 design**
- with 40 m cable
- 250 V~ / max. 900 W - wound up / max. 2300 W - unwound

HJR 4-25

- **H05VV-F 3G1,0 mm² cable, IP20 design**
- with 25 m cable
- 250 V~ / max. 900 W - wound up / max. 2300 W - unwound

HJR 4-25/1,5

- **H05VV-F 3G1,5 mm² cable, IP20 design**
- with 25 m cable
- 250 V~ / max. 1000 W wound up max. 3000 W unwound

HJR 10-15

CABLE REEL WITH 15 m RUBBERED CABLE

- **H07RN-F 3G1,5 mm² cable, IP44 outdoor design**
- 250 V~ / max. 1000 W - wound up / max. 2390 W - unwound
- 4 shockproof sockets with lid
- reset button to cancel the released thermal protection
- for outdoor use as well

With plastic holder!



HJR 3-20

CABLE REEL WITH 20 M CABLE

- **H05VV-F 3G1,0 mm² cable, IP20 design**
- 250 V~ / max. 1000 W - wound up / max. 2300 W - unwound
- pipe-shape plug, 4 shockproof sockets
- reset button to cancel the released thermal protection

With plastic holder!



HJR 3-10

CABLE REEL WITH 10 M CABLE

- **H05VV-F 3G1,0 mm² cable, IP20 design**
- 250 V~ / max. 900 W - wound up / max. 2300 W - unwound
- pipe-shape plug, 4 shockproof sockets
- restorer button to delete the deployed thermal protection

With plastic holder!



NV 8V3-25 OUTDOOR EXTENSION CORD

- AT-N07V3V3-F 3G1,5 mm² cable
- flexible at -35 °C even
- highly resistant to mechanical impacts, wear resistant
- oil and UV resistant
- IP44 protection
- 230 V~ / max. 16 A / max. 3680 W
- 25 m

NV 8V3-15

- 15 m



NV 7 SERIES EXTENSION CORD

- H07RN-F 3G1,5 mm² cable, IP44 outdoor design
- lid on the socket



type	cable, design	length
NV 7-10/GY	250 V~ / 16 A / 3500 W	10 m
NV 7-20/GY	250 V~ / 16 A / 3500 W	20 m
NV 7-30/GY	250 V~ / 16 A / 3500 W	30 m

NV 4 SERIES TWO-WIRE EXTENSION CORD

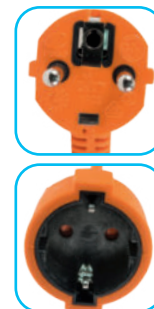
- for use in dry conditions (IP20)
- H05VV-F 2 x 1,5 mm² cable
- 250 V~ / 16 A / 3680 W
- use it only with devices that do not require earthing



type	length
NV 4-10/OR/1,5	10 m
NV 4-20/OR/1,5	20 m
NV 4-30/OR/1,5	30 m

NV 2 SERIES EXTENSION CORD

- pipe-shape plug and straight free standing socket on cable ends
- 250 V~ / 16 A / 3680 W



NV 12 SERIES POWER STRIP WITH CONTACT PROTECTION

- 5 m H03VVH2-F 2x0,75 mm² cable
- 250 V~ / 2,5 A / max. 575 W

NV 12-5/WH

- white

NV 12-5/BK

- black



NV CR CABLE ORGANIZER FOR EXTENSION CORDS

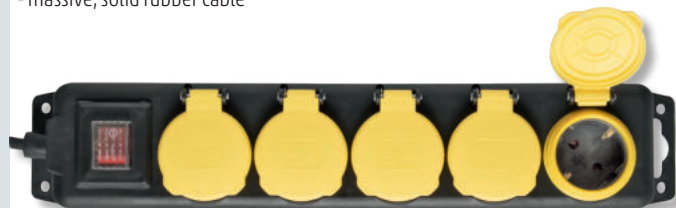


pic.	type	cable, design	length	color
1	NV 2-3/WH/1,5	H05VV-F 3G1,5 mm ² cable, IP20	3 m	white
1	NV 2-5/WH/1,5	H05VV-F 3G1,5 mm ² cable, IP20	5 m	white
2	NV 2-5/OR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	5 m	orange
3	NV 2-5/GR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	5 m	green
1	NV 2-10/WH/1,5	H05VV-F 3G1,5 mm ² cable, IP20	10 m	white
2	NV 2-10/OR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	10 m	orange
3	NV 2-10/GR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	10 m	green
1	NV 2-20/WH/1,5	H05VV-F 3G1,5 mm ² cable, IP20	20 m	white
2	NV 2-20/OR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	20 m	orange
1	NV 2-30/WH/1,5	H05VV-F 3G1,5 mm ² cable, IP20	30 m	white
2	NV 2-30/OR/1,5	H05VV-F 3G1,5 mm ² cable, IP20	30 m	orange

NVO 05K SERIES

POWER DISTRIBUTOR WITH SWITCH

- fitted with 5 childproof sockets
- **IP44 outdoor design**
- suitable for the safe use of outdoor devices
- lid for all sockets
- massive, solid rubber cable



NVO 05K/BK

- **H05RR-F 3G1,0 mm²**
- 250 V~ / 50 Hz / **16 A / 3500 W**
- 1,5 m

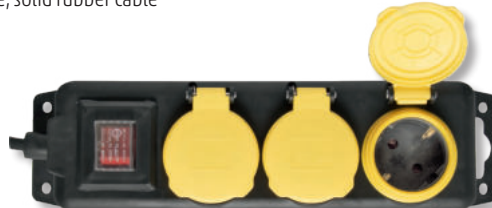
NVO 05K-5/BK/1,5

- **H05RR-F 3G1,5 mm²**
- 250 V~ / 50 Hz / **16 A / 3500 W**
- 5 m

NVO 03K SERIES

POWER DISTRIBUTOR WITH SWITCH

- fitted with 3 childproof sockets
- **IP44 outdoor design**
- suitable for the safe use of outdoor devices
- lid for all sockets
- massive, solid rubber cable



NVO 03K/BK

- **H05RR-F 3G1,0 mm²**
- 250 V~ / 50 Hz / **16 A / 3500 W**
- 1,5 m

NVO 03K-5/BK/1,5

- **H05RR-F 3G1,5 mm²**
- 250 V~ / 50 Hz / **16 A / 3500 W**
- 5 m

NVL 4-5/BK/1,5

OUTDOOR DISTRIBUTOR WITH GROUND STICK

- **4 sockets with child protection**
- suitable for safely use of outdoor equipment
- closing cover for all sockets
- rugged, solid rubber cable
- outdoor design (IP44)
- 5 m **H07RN-F 3G1,5 mm²** cable
- 250 V~/50 Hz / 16 A / **max. 3680 W**



NVT 06K USB/WH

SURGE-PROTECTED POWER DISTRIBUTOR WITH USB CHARGING SOCKETS

- **6 sockets with child protection**
- suitable to protect household IT devices
- **surge protection** up to 4 kV
- **USB charging sockets**, 5 V~ / max. 2,1 A
- lighting main switch
- hanging, indoor design
- 1,4 m **H05VV-F 3G1,5 mm²**
- 250 V~ / 50 Hz / max. 16 A / **max. 3680 W**



NVT SERIES

SURGE-PROTECTED POWER DISTRIBUTOR WITH SWITCH

- fitted with childproof sockets
- **H05VV-F 3G1,5 mm² cable, IP20 design**
- suitable to protect household appliances
- **overload protection** up to 4500 A
- switch
- 250 V~ / 50 Hz / **16 A / 3500 W**



NVT 04K/WH

- 4 sockets
- 1,5 m cable

NVT 06K/WH

- 6 sockets
- 1,5 m cable

NVP SERIES

SURGE-PROTECTED POWER DISTRIBUTOR WITH SWITCH

- fitted with childproof sockets
- **H05VV-F 3G1,5 mm² cable, IP20 design**
- suitable to protect household appliances
- **overload protection** up to 4500 A
- switch
- 250 V~ / 50 Hz / **16 A / 3500 W**



NVP 03K/WH

- 3 sockets
- 2 m cable
- **can be hung on the wall**

NVP 06K/WH

- 6 sockets
- 2 m cable
- **can be hung on the wall**

NVT 4K SERIES

OVERVOLTAGE PROTECTED MAINS DISTRIBUTOR

- 4 sockets equipped with child protection
- suitable to protect household appliances
- **overvoltage protected to 3 kV**
- lighting main switch
- hangable, or can be secured with cable tie



NVT 4K/BK

- 1,5 m H05VV-F 3G1,0 mm² wire
- 230 V~ / 50 Hz / 16 A / 3680 W

NVT 4K-3/BK

- 3 m H05VV-F 3G1,5 mm² wire
- 230 V~ / 50 Hz / 16 A / 3680 W

NVT 6K SERIES

OVERVOLTAGE PROTECTED MAINS DISTRIBUTOR

- 6 sockets equipped with child protection
- suitable to protect household appliances
- **overvoltage protected to 3 kV**
- lighting main switch
- hangable, or can be secured with cable tie



NVT 6K/BK

- 1,5 m H05VV-F 3G1,0 mm² wire
- 230 V~ / 50 Hz / 16 A / 3680 W

NVT 6K-3/BK

- 3 m H05VV-F 3G1,5 mm² wire
- 230 V~ / 50 Hz / 16 A / 3680 W

NVE 3/USB

RECESSED POWER STRIP WITH USB CHARGING PORTS

- 3 grounded sockets with child protection
- **can be built into or recessed into desks or workbenches**
- can only be used indoor, under dry conditions
- cable length: 1.4 m
- **2 x USB charging ports:**
5 V^{DC} / 2,4 A TOTAL, max. 12 W
- 230 V~ / 50 Hz / max. 16 A / max. 3680 W



NV 4 WIFI

SMART POWER STRIP

The 4 earthed sockets can be separately controlled via the TUYA (WiFi) application.

- 4 earthed sockets (230V~ / max. 16 A / max. 3680 W)
- 4 USB charging sockets (5 V^{DC} / total 4800 mA)
- 1,5 m H05VV-F 3G1,5 mm² connection cable

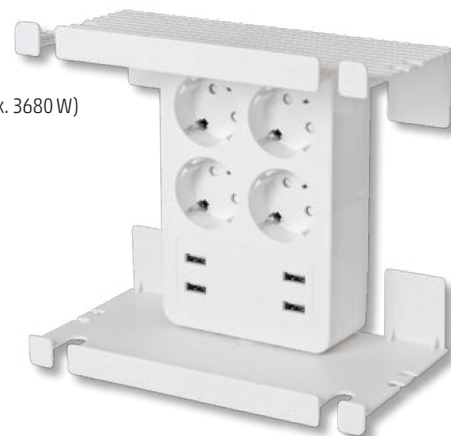


NV 4 USB

POWER STRIP WITH TRAY AND USB

The power strip connected to a wall socket can be attached storage trays at the top and bottom.

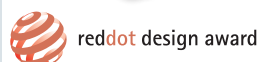
- turn the plug by 90°; you can use it with any wall socket
- 4 earthed sockets (230 V~ / max. 16 A / max. 3680 W)
- 4 USB charging sockets (5 V^{DC} / total 2400 mA)



1402RD/DEEUPC

POWERCUBE EXTENDED USB

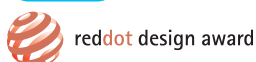
- 4 x earthed sockets with child protection, 2 USB sockets
- USB port for charging tablets and smartphones
- **the plugs don't get tangled**
- compact design
- **1,5 m cable**
- 2 x USB charging ports: 5V^{DC} / 2,1 A
- output: max. 3680 W / USB: max. 2,1 A



1202GN/DEOUPC

POWERCUBE ORIGINAL USB

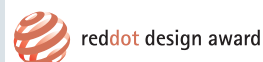
- 4 x grounded sockets, 2 USB sockets with child protection
- **USB port** for charging tablets and smartphones
- **the plugs don't get tangled**
- compact design
- 2 x USB charger sockets: 5 V^{DC} / 2,1 A MAX
- output: max. 3680 W / USB: max. 2,1 A



1100BL/DEORPC

POWERCUBE ORIGINAL

- 5 x grounded sockets with child protection
- **the plugs don't get tangled**
- compact design
- output: max. 3680 W



NVK SERIES

POWER DISTRIBUTOR WITH SWITCH

- child-protected sockets
- 250 V~ / **16 A / 3500 W**
- individually switchable sockets
- total power cut with the main switch
- reset button to cancel the released thermal protection

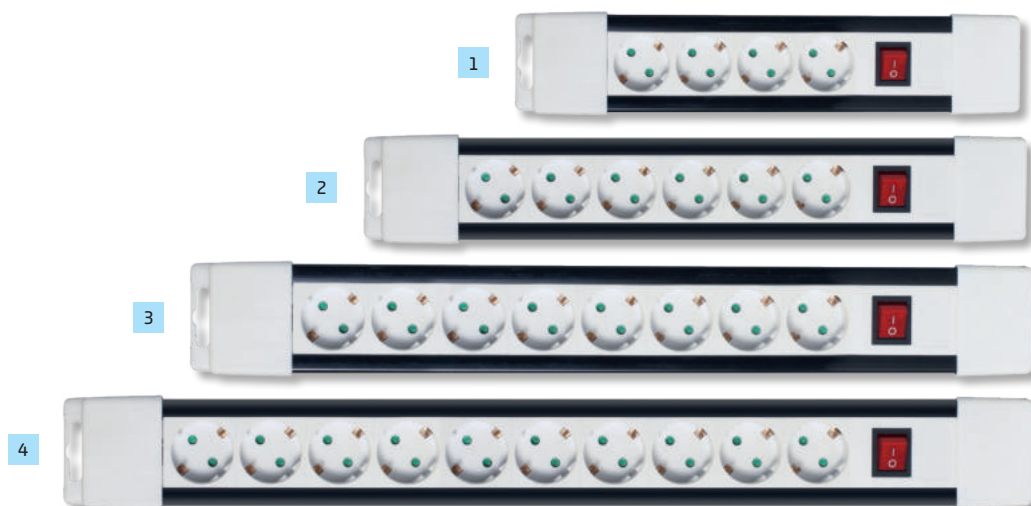


picture	type	number of sockets	cable	length of cable	color
1	NVK 03K/WH	3	H05VV-F, 3G1,0 mm ²	1,5 m	white
1	NVK 03K-3/WH/1,5	3	H05VV-F, 3G1,5 mm ²	3 m	white
2	NVK 06K/WH	6	H05VV-F, 3G1,0 mm ²	1,5 m	white
2	NVK 06K-3/WH/1,5	6	H05VV-F, 3G1,5 mm ²	3 m	white

PNV SERIES

POWER DISTRIBUTOR WITH SWITCH

- child-protected sockets
- **H05VV-F 3G1,0 mm² cable, IP20 design**
- 250 V~ / **16 A / 3500 W**
- frame can be hung on the wall



picture	type	number of sockets	cable	length of cable	color
1	PNV 04K/WH	4	H05VV-F 3G1,0 mm ²	2 m	white
2	PNV 06K/WH	6	H05VV-F 3G1,0 mm ²	2 m	white
3	PNV 08K/WH	8	H05VV-F 3G1,0 mm ²	2 m	white
4	PNV 10K/WH	10	H05VV-F 3G1,0 mm ²	2 m	white

NV TK SERIES

SOCKET-OUTLET WITH FOOT SWITCH

- child-protected sockets
- 250 V~ / 16 A / 3500 W



picture	type	number of sockets	cable	length of cable	color
1	NV 06TK/WH	6	H05VV-F 3G1,0 mm ²	1,5 m	white
1	NV 06TK-5/WH/1,5	6	H05VV-F 3G1,5 mm ²	5 m	white
2	NV 04TK/WH	4	H05VV-F 3G1,0 mm ²	1,5 m	white
2	NV 04TK-5/WH/1,5	4	H05VV-F 3G1,5 mm ²	5 m	white

NV XK SERIES POWER DISTRIBUTOR WITH SWITCH

- child-protected sockets
- **H05VV-F 3G cable, IP20 design**
250V~ / 16 A / 3500 W
- **two-pole switch**



picture	type	number of sockets	cable	length of the cable	color
1	NV 3K/BK	3	3 x 1,0 mm ²	1,5 m	black
2	NV 3K/WH	3	3 x 1,0 mm ²	1,5 m	white
2	NV 3K/WH/1,5	3	3 x 1,5 mm ²	1,5 m	white
1	NV 3K-3/BK/1,5	3	3 x 1,5 mm ²	3 m	black
3	NV 3K-3/GR/1,5	3	3 x 1,5 mm ²	3 m	green
2	NV 3K-3/WH/1,5	3	3 x 1,5 mm ²	3 m	white
3	NV 3K-5/GR/1,5	3	3 x 1,5 mm ²	5 m	green
2	NV 3K-5/WH/1,5	3	3 x 1,5 mm ²	5 m	white
2	NV 3K-10/WH/1,5	3	3 x 1,5 mm ²	10 m	white
4	NV 4K/WH	4	3 x 1,0 mm ²	1,5 m	white
4	NV 4K-3/WH/1,5	4	3 x 1,5 mm ²	3 m	white
5	NV 5K/WH	5	3 x 1,0 mm ²	1,5 m	white
5	NV 5K-3/WH/1,5	5	3 x 1,5 mm ²	3 m	white
6	NV 6K/BK	6	3 x 1,0 mm ²	1,5 m	black
7	NV 6K/WH	6	3 x 1,0 mm ²	1,5 m	white
7	NV 6K/WH/1,5	6	3 x 1,5 mm ²	1,5 m	white
6	NV 6K-3/BK/1,5	6	3 x 1,5 mm ²	3 m	black
8	NV 6K-3/GR/1,5	6	3 x 1,5 mm ²	3m	green
7	NV 6K-3/WH/1,5	6	3 x 1,5 mm ²	3 m	white
8	NV 6K-5/GR/1,5	6	3 x 1,5 mm ²	5 m	green
7	NV 6K-5/WH/1,5	6	3 x 1,5 mm ²	5 m	white
7	NV 6K-10/WH/1,5	6	3 x 1,5 mm ²	10 m	white
9	NV 17/WH	3 x sockets with protective contact - 4 x EURO sockets	3 x 1,0 mm ²	1,5 m	white

NV SERIES

POWER DISTRIBUTOR

- child-protected sockets
- **H05VV-F 3G cable, IP20 design**
- 250 V~ / 16 A / 3500 W



picture	type	number of sockets	cable	length of the cable	color
1	NV 3/BK	3	3 x 1,0 mm ²	1,5 m	black
2	NV 3/WH	3	3 x 1,0 mm ²	1,5 m	white
1	NV 3-3/BK/1,5	3	3 x 1,5 mm ²	3 m	black
2	NV 3-3/WH/1,5	3	3 x 1,5 mm ²	3 m	white
2	NV 3-5/WH/1,5	3	3 x 1,5 mm ²	5 m	white
3	NV 4/WH	4	3 x 1,0 mm ²	1,5 m	white
3	NV 4-3/WH/1,5	4	3 x 1,5 mm ²	3 m	white
4	NV 5/WH	5	3 x 1,0 mm ²	1,5 m	white
4	NV 5-3/WH/1,5	5	3 x 1,5 mm ²	3 m	white
5	NV 6/BK	6	3 x 1,0 mm ²	1,5 m	black
6	NV 6/WH	6	3 x 1,0 mm ²	1,5 m	white
5	NV 6-3/BK/1,5	6	3 x 1,5 mm ²	3 m	black
6	NV 6-3/WH/1,5	6	3 x 1,5 mm ²	3 m	white
6	NV 6-5/WH/1,5	6	3 x 1,5 mm ²	5 m	white
7	NV 14/WH	2 x grounded sockets - 2 x EURO sockets	3 x 1,0 mm ²	1,5 m	white
7	NV 14-3/WH/1,5	2 x grounded sockets - 2 x EURO sockets	3 x 1,5 mm ²	3 m	white
8	NV 18/WH	4 x grounded sockets - 4 x EURO sockets	3 x 1,0 mm ²	1,5 m	white
8	NV 18-3/WH/1,5	4 x grounded sockets - 4 x EURO sockets	3 x 1,5 mm ²	3 m	white



NV 4E SERIES

EURO POWER DISTRIBUTOR

- 4 EURO child-protected sockets
- **H05VVH2-F 2 x 0,75 mm²**
- 250 V~ / 4 x 2,5 A / 2300 W



NV 4E-3/WH

- 3 m

NV 4E-5/WH

- 5 m

KNV 04 MOUNTABLE KITCHEN DISTRIBUTOR

- 4 grounded sockets with child protection
 - **stainless steel**
 - can be fixed horizontally or vertically on wall, to corner, to counter, under upper cabinet
 - fixing with self-adhesive velcro, or screws (screw not included)
 - dimensions: 5,8 x 28,2 x 10,5 cm
 - 250V~ / 50 Hz / **max. 16 A / max. 3680 W**
- Only mountable with 3 x 1,5 mm² wires!



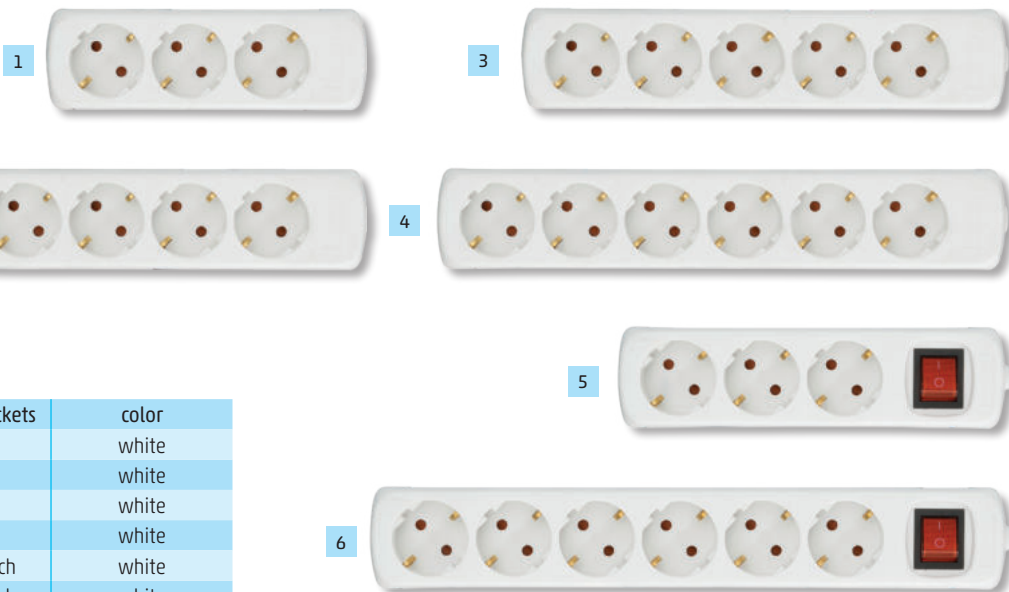
KNV 03/USB MOUNTABLE KITCHEN DISTRIBUTOR WITH USB SOCKETS

- 3 grounded sockets with child protection
 - **stainless steel**
 - can be fixed horizontally or vertically on wall, to corner, to counter, under upper cabinet
 - fixing with self-adhesive velcro, or screws (screw not included)
 - **2 x USB: 5 V ~ / max. 2,4 A TOTAL**
 - dimensions: 5,8 x 28,2 x 10,5 cm
 - 250V~ / 50 Hz / **max. 16 A / max. 3680 W**
- Only mountable with 3 x 1,5 mm² wires!



POWER DISTRIBUTOR, MOUNTABLE

- 250V~ / **16 A / 3500 W**
- grounded sockets
- **the power distributors without switch can be hung on the wall**
- can only be mounted with 3 x 1,5 mm² cable



picture	type	number of sockets	color
1	NV 03	3	white
2	NV 04	4	white
3	NV 05	5	white
4	NV 06	6	white
5	NV 03K	3, with switch	white
6	NV 06K	6, with switch	white

NVK 1/WH POWER OUTLET WITH SWITCH

- with child protection
- allows turning electric devices on and off safely
- **for indoor use (IP20)**
- 250V~ / 50 Hz / **16 A / 3680 W**
- voltage-free only by pulling out the connection plug



NVK 3/WH POWER OUTLET WITH SWITCH

- 3 sockets fitted with child protection
- allows turning electric devices on and off safely
- 2 euro + 1 grounded socket
- **for indoor use (IP20)**
- 250V~ / 50 Hz / **16 A / 3680 W**
- voltage-free only by pulling out the connection plug



NVT 1/WH SURGE PROTECTED POWER OUTLET

- with child protection
- suitable to protect household appliances
- **surge protection up to 4500 A**
- **for indoor use (IP20)**
- 250V~ / 50 Hz / 16 A / 3680 W



NVKO 1 OUTDOOR MAINS SOCKET WITH SWITCH

- suitable for switching network devices on and off
- with child protection
- with single-pole switch
- **for outdoor use (IP44)**
- 250V~ / **16 A / max. 3680 W**
- de-energised only when the plug is pulled out



TPF-26/GR

POWER DISTRIBUTOR T-SHAPE

- 3 grounded sockets with child protection
- 250 V~ / max. 16 A / max. 3680 W
- green



TPF-36

GROUNDING POWER DISTRIBUTOR T-SHAPE

- 3 grounded sockets with child protection
- 250 V~ / max. 16 A / max. 3680 W



NV 131/WH

MAINS DISTRIBUTOR

- 1 grounded + 2 EURO sockets with child protection
- 250 V~ / max. 16 A / max. 3680 W



TPF-26

POWER DISTRIBUTOR T-SHAPE

- 3 grounded sockets with child protection
- 250 V~ / max. 16 A / max. 3680 W
- white



NV 13/WH

POWER DISTRIBUTOR, 3 SOCKETS

- 1 grounded socket with child protection (250 V~ / 16 A / 3680 W)
- 2 EURO sockets (250 V~ / 2 x 2,5 A / 2 x 500 W)
- total max.: 250 V~ / 16 A / 3500 W



NV 23/WH

POWER DISTRIBUTOR

- 3 EURO sockets with child protection
- 250 V~ / 3 x 2,5 A / 3 x 500 W



TPF-26/BK

POWER DISTRIBUTOR T-SHAPE

- 3 grounded sockets with child protection
- 250 V~ / max. 16 A / max. 3680 W
- black



NV 24/WH

POWER DISTRIBUTOR

- 4 EURO sockets with child protection
- 250 V~ / 4 x 2,5 A / 4 x 500 W



NV 1/WH

POWER DISTRIBUTOR

- 2 EURO sockets with child protection
- 250 V~ / 2 x 2,5 A / 2 x 500 W



NV 22

POWER DISTRIBUTOR

- 2 grounded sockets with child protection
- 250 V~ / max. 16 A / max. 3680 W



NV 22-90

POWER DISTRIBUTOR

- 2 grounded sockets, rotated in 90° with child protection
- 250 V~ / max. 16 A / max. 3680 W



CHILD-PROOF SAFETY LOCK FOR MAINS OUTLET

- suitable for use in all sockets with protective ground contact
- prevent direct contact with the live components
- 6 pcs/pack

6 X

NV 10

- white



NV 10T

- transparent

6 X



NV FP 2

GROUNDING PLUG, EXTRA FLAT

- 250V~ / max. 16 A /
max. 3680 W



0795S

GROUNDING PLUG WITH LIGHTING SWITCH

- white
- 250 V~ / max. 16 A /
max. 3680 W



NV 1K

ONE-POLE, IN-LINE SWITCH

- max. 4 A
- 2 x 0,75 mm²
- **for indoor use**
- for luminaires only
- Wiring can only be
carried out by
qualified personnel!
- 250 V~ / 50 Hz /
max. 4 A / max. 920 W
- H03VNH2-F, 2x0,75 mm²



NV 1K/WH - white
NV 1K/BK - black

NED 1

GROUNDING PLUG WITH STRAIGHT CABLE OUTLET

- with flexible strain relief
- 250V~ / max. 16 A /
max. 3680 W

NED 1/WH - white
NED 1/BK - black



NPD 1

GROUNDING PLUG WITH CABLE LEADING ON THE SIDE

- with flexible strain relief
- 250 V~ / max. 16 A /
max. 3680 W

NPD 1/WH - white
NPD 1/BK - black



NEA 1

GROUNDING SOCKET WITH STRAIGHT CABLE OUTLET

- with child protection
- with flexible strain relief
- 250 V~ / max. 16 A /
max. 3680 W

NEA 1/WH - white
NEA 1/BK - black



NGD 01

GROUNDING PLUG WITH STRAIGHT CABLE OUTLET

- **for indoor and outdoor** use
- 250V~ / max. 16 A /
max. 3680 W



NGD 03

GROUNDING PLUG WITH STRAIGHT CABLE ROUTING

- **for out- and indoor** use
- 250 V~ / max. 16 A /
max. 3680 W



NGD 02

GROUNDING PLUG WITH 45° CABLE OUTLET

- **for indoor and outdoor** use
- 250 V~ / max. 16 A / max. 3680 W



NGA 01

GROUNDING SOCKET WITH 45° CABLE OUTLET

- with child protection
- **for indoor and outdoor** use
- 250V~ / max. 16 A / max. 3680 W



NGA 02

GROUNDING DOUBLE SOCKET WITH STRAIGHT CABLE ROUTING

- with child protection
- **for out- and indoor** use
- 250V~ / max. 16 A /
max. 3680 W



N 1-2WH/VDE

POWER CABLE

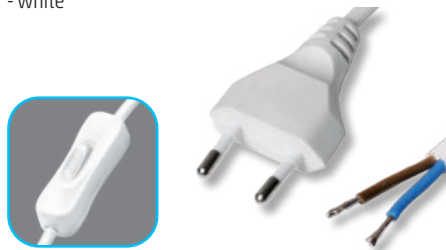
- H03VVH2-F 2x0,75 mm²
- 250 V~ / 50 Hz / max. 2,5 A / max. 500 W
- 2 m
- white



N 2K-2/WH

POWER CABLE WITH SWITCH

- H03VVH2-F2x0,75 mm²
- 250 V~ / 50 Hz / max. 2 A / max. 460 W
- 2 m (1,5 m+0,5 m)
- with unipolar switch
- white



N 2K-2/BK

POWER CABLE WITH SWITCH

- H03VVH2-F2x0,75 mm²
- 250 V~ / 50 Hz / max. 2 A / max. 460 W
- 2 m (1,5 m+0,5 m)
- with unipolar switch
- black



N 1/VDE

POWER CABLE

- H03VVH2-F 2x0,75 mm²
- 250 V~ / 50 Hz / max. 2,5 A / max. 500 W
- 1,5 m



N 11/VDE

POWER CABLE

- H03VVH2-F 2x0,5 mm²
- 250 V~ / 50 Hz / max. 2,5 A / max. 500 W
- 1,5 m



N 2/VDE

POWER CABLE

- H03VVH2-F 2x0,75 mm²
- 250 V~ / 50 Hz / max. 2,5 A / max. 500 W
- 1,5 m
- with tinned end



N 5

POWER CABLE

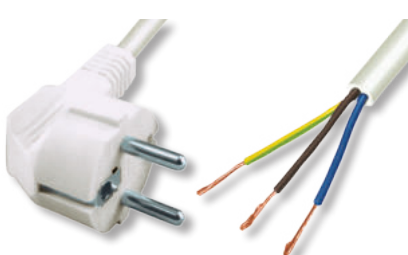
- grounded
- H05VV-F 3G0,75 mm²
- 250 V~ / 50 Hz / max. 6 A / max. 1380 W
- 2 m



N 7

POWER CABLE

- grounded
- H05VV-F 3G0,75 mm²
- 250 V~ / 50 Hz / max. 6 A / max. 1380 W
- 2 m



N 8-3/1,5

POWER CABLE

- IP44 connector plug
- grounded
- H05RR-F 3G1,5 mm² rubber cable
- 250 V~ / 50 Hz / max. 16 A / max. 3680 W
- 3 m



N 8-5/1,5

POWER CABLE

- IP44 connector plug
- grounded
- H05RR-F 3G1,5 mm² rubber cable
- 250 V~ / 50 Hz / max. 16 A / max. 3680 W
- 5 m



N 10-3/1,0

POWER CABLE

- IP44 connector plug
- H05RN-F 2 x 1,0 mm² rubber cable
- 250 V~ / 50 Hz / max. 10 A / max. 2300 W
- 3 m



N 10-5/1,0

POWER CABLE

- IP44 connector plug
- H05RN-F 2 x 1,0 mm² rubber cable
- 250 V~ / 50 Hz / max. 10 A / max. 2300 W
- 5 m



NVK SWITCH

WIRELESS LAMP SWITCH

NEVER NEEDS BATTERY, RELIABLE OPERATION EVEN WHEN COLD • maximum output: 230V~ / 3.000W / 13A • for switching resistive load (e.g. lamp) • **small, built in switch module** • on/off switch on the module as well • LED indicators • custom encoding with learning function • up to 8 push-buttons can be paired with it • memory in case of power failure • highly water resistant push-button • **operating range in open terrain: ~120 m** • operating frequency 433,92MHz • **push-button power supply: kinetic energy** • switch module power supply: 230 V~ / 50 Hz / 0,3 Wmax. • push-button / module: 50x82x22 mm / 28x55x19 mm



NVKP 01

BATTERY FREE REMOTE SWITCH

• to expand bells and network switches • to replace old remote switches • to expand systems • battery never needed • reliable operation even in cold • high resistance to water • can be paired with multiple receivers and up to several remote controls for one receiver (8) • operating range in open terrain: ~120 m • operation frequency 433,92 MHz • dimensions: 50 x 82 x 22 mm • **COMPATIBLE:** DBK 1200AC, DBKS 1200AC, NVK SWITCH, NVK 3 SWITCH



NVS 3 RF

SMART SOCKET WITH RF MASTER FUNCTION

With a smartphone application, you can turn off the home Wi-Fi remotely the device connected to the socket in the environment (IOS 7.0 and above Android 4.0).

The socket can be used to control sockets belonging to the traditional product family of 433,92MHz with the phone application (TH0, TH 1000, TH 3000 product families)!

- **timing, countdown functions**
- easy to pair with the downloadable KT Smart WiFi application
- Wi-Fi: 2.4 GHz 802.11 b/g/n



NVS 32 PRO

SMART CONSUMPTION METER DISTRIBUTOR

The grounded sockets can be controlled separately by SMART LIFE (WiFi) via application: on-off, timing, countdown, monitoring of energy consumption

- 2 grounded sockets with child protection (230 V~ 50 Hz)
- Wi-Fi: 2.4 GHz 802.11 b/g/n, 1T1R; <1 mW



THO 1

REMOTE CONTROLLABLE OUTDOOR MAINS SOCKET

- operating range in open terrain: 40 m
- radio connection: 433,92 MHz
- **IP44, protected against splashing water**
- easy to pair with the remote control of **THO 111 and THO 113**
- LED indicator
- 230 V / max. 1000 W



THO 111

REMOTE CONTROLLABLE OUTDOOR MAINS SOCKET SET

- Remote-controllable power socket, with remote control
- operating range in open terrain: 40 m • radio connection: 433,92 MHz • **IP44, protected against splashing water** • easily teachable socket • one remote control is suitable for controlling 4 groups (A, B, C, D) of sockets
 - **MASTER ON / OFF** buttons for controlling all of the sockets simultaneously • LED feedback light • 230 V / max. 1000 W • power supply of the remote control: 1 x 3 V (CR2032) battery, not included



THO 113

REMOTE CONTROLLABLE OUTDOOR MAINS SOCKET SET

- 3 pcs remote-controllable power sockets, with remote controller
- operating range in open terrain: 40 m • radio connection: 433,92 MHz • **IP44, protected against splashing water** • easily teachable socket • one remote control is suitable for controlling 4 groups (A, B, C, D) of sockets
 - **MASTER ON / OFF** buttons for controlling all of the sockets simultaneously • LED feedback light • 230 V / max. 1000 W • power supply of the remote control: 1 x 3 V (CR2032) battery, not included



TH 1000

REMOTE CONTROLLABLE SOCKET

- operating range in open terrain: 40 m
- radio connection: 433,92 MHz
- **easy to pair** with the remote control of THO 111 and THO 113
- LED indicator
- 230 V~/50 Hz / max. 4,3 A / **max. 1000 W**



TH 1011

REMOTE CONTROLLABLE SOCKET SET

- remote-controllable power socket, with remote control • operating range in open terrain: 40 m • radio connection: 433,92 MHz • **easily teachable socket** • one remote control is suitable for controlling 3 groups (A, B, C) of sockets • **MASTER ON / OFF** buttons for simultaneous control of all sockets • LED indicator • 230 V~/ 50 Hz / max. 13 A / **max. 1000 W** • remote control power supply: 1 x 3 V (CR2032) battery, included



TH 1013

REMOTE CONTROLLABLE SOCKET SET

- 3 pcs remote-controllable power sockets, with remote control • operating range in open terrain: 40 m • radio connection: 433,92 MHz • **easily teachable socket** • one remote control is suitable for controlling 3 groups (A, B, C) of sockets • **MASTER ON / OFF** buttons for simultaneous control of all sockets • LED indicator • 230 V~/ 50 Hz / max. 13 A / **max. 1000 W** • remote control power supply: 1 x 3 V (CR2032) battery, included



TH 3000

REMOTE CONTROLLABLE SOCKET

- operating range in open terrain: 40 m
- radio connection: 433,92 MHz
- **easy to pair** with the remote control of THO 111 and THO 113
- LED indicator
- 230V~/50 Hz / max. 13 A / **max. 3000 W**



TH 3011

REMOTE CONTROLLABLE SOCKET SET

- remote-controllable power socket, with remote control
- operating range in open terrain: 40 m
- radio connection: 433,92 MHz
- **easily teachable socket**
- one remote control is suitable for controlling 3 groups (A, B, C) of sockets
- **MASTER ON / OFF** buttons for simultaneous control of all sockets
- LED indicator
- 230 V~/ 50 Hz / max. 13 A / **max. 3000 W**
- remote control power supply: 1 x 3 V (CR2032) battery, included



TH 3013

REMOTE CONTROLLABLE SOCKET SET

- 3 pcs remote-controllable power sockets, with remote control • operating range in open terrain: 40 m • radio connection: 433,92 MHz • **easily teachable socket** • one remote control is suitable for controlling 3 groups (A, B, C) of sockets • **MASTER ON / OFF** buttons for simultaneous control of all sockets • LED indicator • 230 V~/ 50 Hz / max. 13 A / **max. 3000 W** • remote control power supply: 1 x 3 V (CR2032) battery, included



EM 04 CONSUMPTION METER

- continuously verifiable consumption and costs
- wide ranges of measurement with high accuracy
- **output, voltage, amperage, frequency, consumption, display of costs**
- operating time measurement
- display of maximum and minimum consumption
- warning in case of overload
- memory
- 250V~/ 50 Hz / 16 A / 3680 W



TS MD 5 OUTDOOR DAILY TIMER

- **daily programming**
- **15 minute intervals**
- **IP44: protected against splashing water**
- 250V~/ 50 Hz / max. 16 (2) A / max. 3680 (460) W



TD 011 DIGITAL INDOOR WEEKLY TIMER

- **daily 9 programs, in 15 kinds of day combination, with weekly repeating**
- 1 sec. minimum intervals
- memory protection with built-in accumulator
- 250V~/ 16 (2) A / 3680 W



TG 3 MECHANICAL INDOOR TIMER

- **24-hour programmable, continuous, 15 minute intervals**
- **daily repeated programmes**
- manual switch on function
- indicator LED
- 250V~/ 16 A / 3680 W



0760S MECHANICAL INDOOR TIMER

- **30 minute intervals**
- manual switch on function
- **daily repeated programmes**
- 250V~/ 16 A / 3680 W



TG 24 MECHANICAL OUTDOOD TIMER

- 250V~/50Hz/max 16 (2)A/3680 (460)W
- can be programmed **for 24 hours**, continuous
- 15 minute intervals
- daily recurring connections
- **IP44 protection**



SURFACE-MOUNTED OUTDOOR PRODUCTS

AQUASTAR IP44



pic.	type	denomination, features
1	22111	Grounded electric outlet, outdoor IP44 design, white-smoke, 230 V~ / 50 Hz / 16 A
2	22121	Double grounded electric outlet, outdoor IP44 design, white-smoke, 230 V~ / 50 Hz / 16 A
3	22131	Triple grounded electric outlet, outdoor IP44 design, white-smoke, 230 V~ / 50 Hz / 16 A

pic.	type	denomination, features
4	22031	Chandelier switch, outdoor IP44 design, white, 230 V~ / 50 Hz / 10 A
5	22041	Changeover switch, outdoor IP44 design, white, 230 V~ / 50 Hz / 10 A
6	22081	1-pole switch, outdoor IP44 design, white, 230 V~ / 50 Hz / 10 A
7	22061	Push switch with bell symbol, outdoor IP44 design, white, 230 V~ / 50 Hz / 10 A
8	22181	2-pole switch, outdoor IP44 design, white, 230 V~ / 50 Hz / 10 A

ELECTRICAL EQUIPMENTS, JUNCTION BOX



pic.	type	denomination, features
1	0708S	E27 socket, black, 60 W
2	0716S	E27 socket, white, 60 W
3	5031H	1 phase reconstructed submeter 230-250 V, 10/30 A, black, not suitable for billing purposes

pic.	type	denomination, features
4	5229H	IP54 junction box, 75 x 45 mm, grey, surface-mounted, waterproof
5	5232H	IP54 junction box, 75 x 75 mm, grey, surface-mounted, waterproof
6	5221H	IP54 junction box, 85 x 85 mm, grey, surface-mounted, waterproof
7	5233H	IP54 junction box, 100 x 100 mm, grey, surface-mounted, waterproof

SURFACE-MOUNTED INDOOR PRODUCTS

BUSINESS LINE IP20



pic.	type	denomination, features
1	0310H	Single grounded electric outlet, indoor design, 230 V~ / 50 Hz / 16 A
2	0311H	Double grounded electric outlet, indoor design, 230 V~ / 50 Hz / 16 A
3	0312H	Triple grounded electric outlet, indoor design, 230 V~ / 50 Hz / 16 A
4	0313H	4-socket grounded electric outlet, indoor design, 230 V~ / 50 Hz / 16 A
5	0314H	Socket and changeover switch combination, indoor design, 230 V~ / 50 Hz / 16/10 A
6	0315H	Chandelier switch, indoor design, 230 V~ / 50 Hz / 10 A
7	0316H	Changeover switch, indoor design, 230 V~ / 50 Hz / 10 A
7	0323H	Push switch, indoor design, 230 V~ / 50 Hz / 10 A

pic.	type	denomination, features
8	0510056777	Single earthed socket, brown, indoor design, 230 V~ / 50 Hz / 16 A
9	0510076777	Double earthed socket, brown, indoor design, 230 V~ / 50 Hz / 16 A
10	0510089777	Triple earthed socket, brown, indoor design, 230 V~ / 50 Hz / 16 A
11	0511466777	Two-gang switch, brown, indoor design, 230 V~ / 50 Hz / 10 A
12	0511476777	Toggle switch, brown, indoor design, 230 V~ / 50 Hz / 10 A

HJRF 4 SERIES CABLE REEL WITH 25/40/50 M CABLE

- can be used wound up
 - pipe-shape plug, 4 grounded socket
 - reset button to cancel the released thermal protection
- With metal base!**

HJRF 4-25

- **H05VV-F3G1,0 mm² cable, IP20 design**
- 25 m
- 250V~/ max. 1000 W - wound up
- 250V~/ max. 3000 W - unwound

HJRF 4-40/1,5

- **H05VV-F 3G1,5 mm² cable, IP20 design**
- 40 m
- 250V~/ max. 1000 W - wound up
- 250V~/ max. 3000 W - unwound

HJRF 4-50/1,5

- **H05VV-F 3G1,5 mm² cable, IP20 design**
- 50 m
- 250V~/ max. 1000 W - wound up
- 250V~/ max. 3000 W - unwound



HJRF 24-30 CABLE REEL WITH 27+3 M CABLE

This product is recommended to use in cases when you don't want to place the cable reel close to the device to be operated.

- **H05VV-F 3G1,0 mm² cable, IP20 design**
 - 27 + 3 meter cable on the big and small reel
 - can be used coiled: 250V~/ max. 900 W - wound up
 - 250V~/ max. 2300 W - unwound
 - pipe-shape plug and straight swinging socket
 - reset button to cancel the released thermal protection
- With metal base!**



HJRF 10-20/1,5 CABLE REEL WITH 30 M CABLE


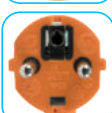



- can be used coiled
 - 4 grounded socket with lid
 - reset button to cancel the released thermal protection
 - for outdoor use as well (IP44 protected)
 - **H05VV-F 3G1,5 mm² cable, IP44 outdoor design**
 - 250V~/ max. 1000 W - wound up
 - 250V~/ max. 3000 W - unwound
- With metal base!**



NVF 2 SERIES EXTENSION CORD

- 250V~/ 50 Hz / max. 16 A, 3 x 1,5 mm²



pict.	type	wire	cable length	color
	NVF 2-5/WH/1,5	3 x 1,5 mm ² H05VV-F	5 m	white
	NVF 2-10/WH/1,5	3 x 1,5 mm ² H05VV-F	10 m	white
	NVF 2-10/OR/1,5	3 x 1,5 mm ² H05VV-F	10 m	orange
	NVF 2-20/OR/1,5	3 x 1,5 mm ² H05VV-F	20 m	orange
	NVF 2-30/OR/1,5	3 x 1,5 mm ² H05VV-F	30 m	orange

NV CR

CABLE ORGANIZER FOR EXTENSION CORDS



POWER DISTRIBUTOR

- sockets with child protection
- 1 NPE 230 V~ / 50 Hz
- 250 V~ / max. 16 A



pict.	type	number of sockets/cable	length of the cable	color
1	NVF 3-1/WH/1,5	3/3 x 1,0 mm ²	1,5 m	white
1	NVF 3-1/WH/1,5	3/3 x 1,5 mm ²	3 m	white
1	NVF 3-5/WH/1,5	3/3 x 1,5 mm ²	5 m	white
2	NVF 3K/WH	3/3 x 1,0 mm ²	1,5 m	white
2	NVF 3K-3/WH/1,5	3/3 x 1,5 mm ²	3 m	white
2	NVF 3K-5/WH/1,5	3/3 x 1,5 mm ²	5 m	white
3	NVF 17/WH	3 x grounded socket, 4 x euro socket, 3 x 1 mm ²	1,5 m	white

NV FP 2

GROUNDING PLUG, EXTRA FLAT

- 250 V~ / max. 16 A / max. 3680 W



NGD 03

GROUNDING PLUG WITH STRAIGHT CABLE ROUTING

- for out- and indoor use
- 250 V~ / max. 16 A / max. 3680 W



NGD 02

GROUNDING PLUG WITH 45° CABLE OUTLET

- for indoor and outdoor use
- 250 V~ / max. 16 A / max. 3680 W



NV 1K/WH

ONE-POLE, IN-LINE SWITCH

- white
- max. 4 A
- 2 x 0,75 mm²
- for indoor use
- for luminaires only
- Wiring can only be carried out by qualified personnel!

- 250 V~ / 50 Hz / max. 4 A / max. 920 W
- H03VVH2-F, 2x0,75 mm²



NV 1K/BK

ONE-POLE, IN-LINE SWITCH

- black
- max. 4 A
- 2 x 0,75 mm²
- for indoor use
- for luminaires only
- Wiring can only be carried out by qualified personnel!

- 250 V~ / 50 Hz / max. 4 A / max. 920 W
- H03VVH2-F, 2x0,75 mm²



NVF 16/WH

POWER DISTRIBUTOR, T-SHAPE

- 3 grounded socket, French
- 1 NPE 250 V~, max. 16 A



NVF 2-16/WH

POWER DISTRIBUTOR, T-SHAPE

- 3 sockets (2 grounded+ 1 euro), French
- 1 NPE 250 V~, max. 16 A



NVKF 1/WH

POWER OUTLET, WITH SWITCH

- with child protection
- allows turning electric devices on and off safely
- switch
- for indoor use (IP20)
- 250 V~ / 50 Hz / 16 A / 3500 W
- dimensions: 53 x 74 x 79 mm



7300S

MECHANICAL TIMER CLOCK

- min. setting time: 30 min
- max. 48 switch on/off times/day
- manual on/off switch
- child lock
- 16 A / 230 V / 3680 W
- dimensions: 103 x 54 x 70 mm

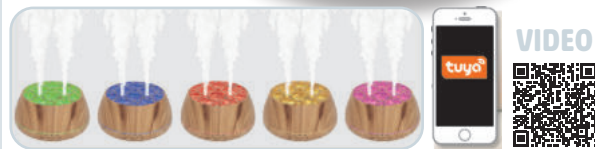


Health

AD 400 WIFI AROMA DIFFUSER

Wifi aroma diffuser with colourful subdued light, wireless Bt speaker.

- **Controlled by Tuya Smart application**
- **water tank capacity: 400 ml**
- humidification: 30-70 ml/h
- measuring cup included
- continuous (2 speeds) or intermittent humidification (30 sec on/ 30 sec off)
- LED indicator lights
- lights can be used independently
- **continuous colour change, selectable colours**
- humidification and lighting turn off in case of water shortage
- power supply: included indoor power adapter
- dimensions: Ø17,8 x 9,7 cm



AD 15 P

AROMA DIFFUSER, ATOMIZER

An atomizer that works without water with purely aroma oils, with multicoloured mood lighting.

- **glass bottle and nozzle**
- works with as little as 10-15 drops of aroma oil
- max. 50ml of aroma oil can be put into the device
- **two intensity options**
- intermittent operation (2 minutes on/ 2 minutes off)
- multicoloured mood lighting that can also be turned off
- **with a touch button**
- 2-hour operating limit
- power supply: included indoor power adapter
- dimensions: Ø11,5 x 21 cm



VIDEO



AD 200F

AROMA DIFFUSER WITH FLAME EFFECT

Ultrasonic cold humidifier, aroma diffuser with warm white flame effect and mood light.

- **water tank capacity: 200 ml**
- two selectable brightness levels or pulsating light
- **humidification that can be used independently**
- humidification and lighting turn off in case of water shortage
- mains adapter included
- dimensions: 20 x 13 x 8 cm

VIDEO



AD 200

AROMA DIFFUSER

Ultrasonic cold mist humidifier, aroma diffuser, with coloured mood lights.

- **quality materials used: bamboo base and cover**
- **water tank capacity: 200 ml**
- humidification: 20-30 ml/h
- continuous or intermittent humidification (30 sec on / 30 sec off)
- LED signalling lights
- lighting can be used separately
- **continuously changing colours, selectable colours**
- humidification and lighting turn off in case of water shortage
- power supply: indoor mains power adapter included (the adapter is placed inside the product)
- dimensions: 10,2 x 10,2 x 13 cm

VIDEO



AD 300

AROMA DIFFUSER

Ultrasonic cold humidifier with aroma diffuser and colour mood light.

- **water tank capacity: 300 ml**
- humidification: 20-30 ml/h
- measuring cup included
- continuous or intermittent humidification (30 sec on/ 30 sec off)
- LED indicator lights
- lights can be used independently
- **continuous colour change, selectable colours**
- humidification and lighting turn off in case of water shortage
- power supply: indoor mains adapter, included
- dimensions: Ø16,8 x 8,7 cm

VIDEO



AD 500

AROMA DIFFUSER

Ultrasonic cold mist humidifier, aroma diffuser, with coloured and warm white mood light.

- **water tank capacity: 500 ml** • humidification: 20-30 ml/h • continuous or intermittent humidification (15 sec on / 15 sec off) • off timer 1/3/6 hours • LED indicator lights • lighting can be used separately • **continuously changing colours, selectable colours** • continuous, or pulsed warm white light • humidification and lighting turn off in case of water shortage
- power supply: indoor mains power adapter included (the adapter is placed inside the product) • dimensions: Ø18 x 15,7 cm

VIDEO



AD 280

AROMA DIFFUSER

Ultrasonic cold mist humidifier, aroma diffuser, with warm white mood light.

- **quality materials used: rubberwood base, china cover** • **water tank capacity: 280 ml** • humidification: 15-20 ml/h • continuous or intermittent humidification (30 sec on / 30 sec off) • selectable off timer setting of 1, 3, or 8 hours • LED indicator lights • **warm white mood light with two brightness levels, or soft pulsed light** • gradual fade out to help falling asleep (30 minutes) • humidification and lighting turn off both or independently in case of water shortage or at the end of the timing
- power supply: indoor mains power adapter included (the adapter is placed inside the product) • dimensions: Ø14,6 x 13,2 cm

VIDEO





THA-BOD-0015-G

HEATED SEAT CUSHION WITH POWERBANK

- rechargeable **power bank** included: **10,000 mAh**
- easy use
- **3 operating modes:**
 - Low: 43 °C
 - Medium: 52 °C
 - High: 58 °C
- dimensions: 38 x 38 x 5 cm



THA-FOT-0003-G

ONE USE SOLE WARMING INSERT

- 2 pcs / package
- it activates in contact with oxygen after opening
- odorless, safe, environmentally friendly, for one use
- one half is self-adhesive
- **warm for approx. 7 hours**
- **heats up to approx. 37 °C**
- **30 packages / display!**

Can be ordered only in display!



THA-FOT-0004-G

ONE USE TOE WARMING INSERTS

- 2 pcs / package
- it activates in contact with oxygen after opening
- odorless, safe, environmentally friendly, for one use
- one half is self-adhesive
- **warm for approx. 7 hours**
- **heats up to approx. 57 °C**
- **40 packages / display**

Can be ordered only in display!



THA-HND-0005-G

ONE USE HAND WARMER PILLOW, SMALL

- 2 pcs / package
- it activates in contact with oxygen after opening
- the two hand warmers are in a separate compartment of the packaging, it is not necessary to use them at the same time
- odorless, safe, environmentally friendly, for one use
- **warm for approx. 10 hours**
- **heats up to approx. 51 °C**
- **40 packages / display**

Can be ordered only in display!



THA-HND-0007-G

ONE USE HAND WARMING PILLOW, LARGE

- 1 pc/package
- it activates in contact with oxygen after opening
- odorless, safe, environmentally friendly, for one use
- **warm for approx. 20 hours**
- **heats up to approx. 51 °C**
- **40 packages / display**

Can be ordered only in display!



THA-HND-0013-G

RECHARGEABLE HAND WARMER, WITH POWERBANK FUNCTION, LARGE

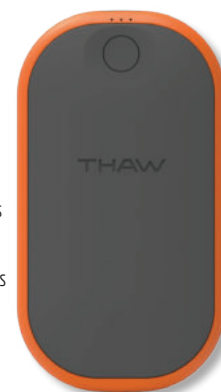
- built-in battery: **10,000 mAh**
- **power bank function**
- easy use
- **3 operating modes:**
 - Low: 46 °C, approx. time of operation is 5 hours
 - Medium: 53 °C, approx. time of operation is 14 hours
 - High: 60 °C, approx. time of operation is 10 hours
- USB C cable included
- Powerbank function
- dimensions: 10.5 x 7 x 3 cm
- weight: 220 g



THA-HND-0017-G

RECHARGEABLE HAND WARMER, WITH POWERBANK FUNCTION, SMALL

- built-in battery: **5200 mAh**
- **power bank function**
- easy use
- **3 operating modes:**
 - Low: 38 - 46 °C, approx. time of operation is 0 hours
 - Medium: 45 - 53 °C, approx. time of operation is 7 hours
 - High: 52 - 60 °C, approx. time of operation is 5 hours
- USB C cable included
- dimensions: 10 x 5 x 2.7 cm
- weight: 140 g



SMW FIT

FITNESS SMARTWATCH

24h heart rate measurement - blood pressure measurement - blood oxygen (SpO2) measurement - step counter - sleeping monitoring - 7 sports: calories burned by training types - local weather - messages - remote shutter for camera - music player control - vibration alarm - stop-watch - countdown timer - games - finding of lost watch - push messages: drinking and training - incoming calls reminder - countless unique dial backgrounds

- unisex style and size
- ultra light and thin
- 1.55" touch screen
- 2.5D glass dial, metal case
- for up to 230 mm wrist perimeter
- 20 mm long silicone wrist band, which can be replaced without any tools
- IP67 ingress protection class
- 5-7 days of use with a single charging
- 3,7 x 4,2 x 1 cm / 38 g



For iPhone iOS8.0 and Android 5.0, or later smart phones after the installation of an app in English language

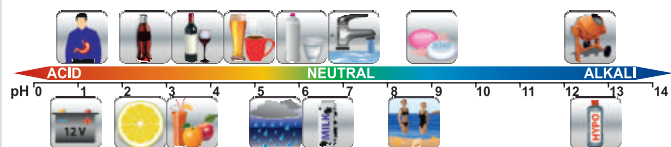


PHT 01

PH TESTER & THERMOMETER

Acidic or alkaline? Read it immediately!

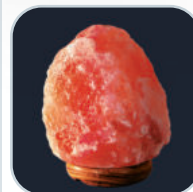
- pH 0,00 - 14,00 / 0 - 60 °C
- **measurement of the temperature of the fluids and air**
- applicable areas: health care, nutrition, hobby, work
- ideal for: swimming pool, whirlpool, aquarium, pond, tap water, mineral water, juices, wine, coffee, tea, body fluid, irrigation water...
- clearly visible 4 digit LCD display
- modern, **glass electrode probe**
- automatic temperature compensation
- single-point **calibration opportunity**
- accessory calibrating screwdriver and protective case
- power supply: 2 x 1,5 V (LR44) batteries, included
- dimensions: 155 x 29 x 16 mm



WS 2300

SALT CRYSTAL LAMP

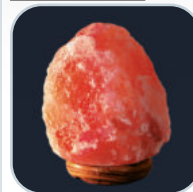
- wooden base with E14 socket, 1,5 m cord with switch, 15 W bulb (included)
- weight: **2-3 kg**
- power supply: 230 V~/50 Hz



SKL 12

SALT CRYSTAL LAMP

- wooden base with E14 socket, 1,5 m cord with switch, 15 W bulb (included)
- weight: **1-2 kg**
- power supply: 230 V~/50 Hz



SKM 57

SALT CRYSTAL TEA LIGHT HOLDER

- hollowed tea light holder
- weight: **0,5 - 0,7 kg**



94807

DIGITAL BREATHALYSER

- **fast reaction, warm-up time 10 sec., answer <5 sec.**
- warning with sound
- value range: 0.00-0.19% BAC
- **measurement accuracy: 0,01% BAC**
- LCD display, turns off automatically
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 36 x 95 x 18 mm





DBP 1332 UPPER ARM BLOOD PRESSURE MONITOR

- large LCD display
- systolic pressure: 60 mmHG ~ 260 mmHG
- diastolic pressure: 30 mmHG ~ 200 mmHG
- heart rate: 30-180 beat/minute
- **120 memory slots in two groups**
- automatic power-off
- cuff (arm circumference): 22-36 cm
- power supply: 4 x 1,5V (AA) batteries, included
- adapter not included, recommended mains adapter: MW MB 10
- weight: ~382 g (without batteries)
- dimensions: 148 x 100 x 56 mm



C101A2 PULSOXIMETER

- oxygen saturation (SpO2) and pulse measurement
- can be clipped on finger, compact product
- fast measurement
- easy-to-read color display
- display setting in different directions
- pulse and plethysmographic waveform display
- automatic switch-off after 8 seconds
- accessory neck strap
- measuring rate: SpO2: 70 % - 99 %, heart rate: 30 - 240
- power supply: 2 x 1,5 V (AAA) batteries, included
- dimensions: 60 x 35 x 35 mm



8711 I-MEDICAL INFRARED NON-CONTACT THERMOMETER

- non-contact infrared thermometer
- measurement of body and ambient temperature
- fast, accurate, convenient measurement
- different colored LCD backlight in case of normal body temperature, low fever and fever
- measurement memory, 32 measurements
- switches off after 7 seconds
- measuring range: 0 - 99,9 °C
- power supply: 2x1,5 V (AAA) batteries, included



8810 I-MEDICAL INFRARED NON-CONTACT THERMOMETER

- non-contact infrared thermometer
- measurement of body and ambient temperature
- fast, accurate, convenient measurement
- sound and light alarm in case of fever
- hygienic protective cap
- with support stand
- modern look
- measurement memory, 12 measurements
- switches off after 60 seconds
- measuring range: 0 - 100 °C
- power supply: 2x1,5 V (AAA) batteries, included



SST 01

ULTRA-SLIM SIT-STAND DESK CONVERTER

- quality MDF board: features high impact resistance (TSCA Title VI compliant)
- high-strength steel frame: better durability to weight and wear ultra-slim profile: minimizes bulk for space-saving storage and maximizes comfort at its lowest height setting
- **5 height settings: for optimal viewing height (45/215/265/305/365/405 mm)**
- squeeze handle: adjusts the height in a snap
- EVA foam pads: protect devices from scratches and marring
- table dimensions: 67 x 47 cm



VIDEO



SST 02

DESKTOP SIT-STAND WORKSTATION

- gas spring sit-stand desk converter with keyboard tray (compact surface)
- **counter-balance gas spring: creates smooth and quick transitions (105 - 500 mm)**
- squeeze handle: adjusts the height in a snap
- lower keyboard deck: holds keyboard and mouse side by side and raises in sync with the top surface creating a comfortable work space
- non-skid silicone pads: protect work surface from scratches or scuffs
- eco-friendly particle board: features heavy-duty and moisture resistance (TSCA Title VI compliant)
- table dimensions: 80 x 40 cm
- keyboard tray: 66 x 26 cm



VIDEO



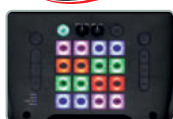
Home hifi and sound equipment

PAR 221DJ

PORTABLE PARTY SOUND BOX

4x16 UNIQUE, CREATIVE, PROFESSIONAL, FUN DJ SOUND-EFFECTS; SIREN, CHORDS, SYNTH, PERCUSSION INSTRUMENTS, AUDIENCE REACTIONS...

- lit Soft Touch DJ control panel
- FULL LED front cover, can be switched off
- selectable light effects following the rhythm of music
- built-in support for tablet or mobile phone
- wireless BT, TWS connection
- audio playback from mobile device, computer
- MP3/WMA/WAV/APE/FLAC playback from USB devices
- KARAOKE and microphone echo control
- FM radio with automatic station search
- 2 x 6.3 mm microphone jack
- 3.5 mm AUX audio input
- built-in battery with automatic charging
- expected charging / operation time: ~6h / ~13h
- designed for use with battery power
- compact, portable design with rollers
- 2-way bass-reflex, 2 x Ø200 mm bass boost, 120 W
- mains charger included
- dimensions: 300 x 760 x 280 mm / 10,4 kg



PAR 2200BT

PORTABLE PARTY SOUND BOX

ILLUMINATED SPEAKERS AND PROJECTION ON THE WALL BEHIND AND THE FLOOR IN FRONT

- 2x woofer + 2x tweeter (120 W)
- wireless BT connection
- MP3 playback from USB/SD device
- MP3 recording to USB/SD device (BT, LINE IN, MIC, FM)
- archiving and digitization of old audio materials (cassette, disc, VHS)
- FM radio with blue LED display, automatic tuning
- treble and bass tone, megabass and EQ sound effects
- microphone echo control
- 2x KARAOKE microphone input (6.3 mm)
- 2x RCA AUX audio input (LINE IN)
- built-in battery
- automatic fast charging with LED indicator
- charge status on the display
- long operating time; up to 14 hours on a single charge
- continuous operation from the network or battery
- remote control power supply: 2 x 1.5 V (AAA) batteries, not included
- accessories: remote control, mains charging cable, audio cable
- size: 310/250 x 640 x 380 mm / 10.6 kg



PAR 219BT

PORTABLE PARTY SOUND BOX

- spectacular, separate LED light effect • wireless BT connection
- listen to music from mobile device, computer • MP3/WMA playback from USB/microSD device • MP3 recording to USB/microSD device (AUX IN, MIC, FM, BT)
- archiving, digitizing old cassettes (cassette, disc, VHS)
- FM radio with blue LED display, automatic tuning • high and deep tones, mega bass and EQ sound effects • enhanced KARAOKE function • filters the singer's voice, so that yours can be heard (BT/USB/microSD)
- microphone echo and volume control • wired audio inputs: MIC, GUITAR, AUX • built-in accumulator with automatic quick charging
- charging status on the display plus charging indicator LED • extremely long operation time; even 13 hours with one charging • designed for network-independent battery operation • compact, massive, portable design
- can be used in both portrait and landscape position • 2-way bass-reflex, 2 x 20 cm subwoofer and tweeter, 80 W • remote control power supply: CR2025 (3 V) button battery, included • remote control, mains charger included • dimensions: 290/250 x 580 x 300 mm / 6,6 kg



PAR 20BT

PORTABLE PARTY SOUND BOX

- LED light effect • wireless BT connection • music playback from mobile phone, computer • MP3 playback from USB device • FM radio with automatic station-search • microphone socket, KARAOKE function • 3,5 mm AUX audio input • built-in Li-ion accumulator • automatic charging with LED indicator • 40 W, expected operation time: 10 hours • digital, red LED display • light, compact, portable design • power supply of remote control: 1 x 3 V (CR2025) button cell, included • remote control, microUSB powerline charger (5 V / 2 A) included • dimensions: 300 x 420 x 220 mm / 2,7 kg



BT 5000

PORTABLE BOOM-BOX

WATER RESISTANT: IPX5 PROTECTION

• **high gain** stereo amplifier • powerful surround sound • double volume and advanced stereo experience: two identical Boom-Boxes with wireless pairing capability • wireless BT TWS connection • MP3/WMA/WAV/APE/FLAC playback from USB devices • **FM radio** with automatic station tuning • easy handling; all buttons located on the carrying handle • **built-in microphone** for easy call answering • Google Assistant and Siri voice control • **RGB LED** side by side subwoofers, switchable LED • exclusive textile coating • **2.0 Stereo + Dual-Bass speakers, 2 x 25 W** • 3.5 mm AUX audio input • built-in battery with automatic charging • expected charging / operating time: ~6.5 h / ~30 h • USB-C charging cable, 3.5 mm audio cable included • recommended chargers: SA 2000UC, SA 24USB, SA 50USB • dimensions: 354 x 187 x 144 mm / 2,5 kg



VIDEO



BT 3000

PORTABLE BOOM-BOX

WATER RESISTANT: IPX4 PROTECTION

• high gain stereo amplifier • powerful surround sound • double volume and advanced stereo experience: two identical Boom-Boxes with wireless pairing capability • wireless BT TWS connection • MP3 playback from USB devices • **built-in microphone** for easy call answering • RGB LED light effects, switchable LED • two-sided, dynamic subwoofers • exclusive **textile coating** • removable carrying handle • **2.0 Stereo + Dual-Bass speakers, 2 x 16 W** • 3.5 mm AUX audio input • built-in battery with automatic charging • expected charging / operating time: ~4.5 h / ~10 h • USB-C charging cable, 3.5 mm audio cable included • recommended chargers: SA 24USB, SA 50USB • dimensions: 301 x 130 x 125 mm / 1,2 kg



VIDEO



BT 1000

PORTABLE BOOM-BOX

• **powerful bass sound** • double volume and extended stereo experience: two of the same Boom-Boxes can be paired wirelessly • wireless BT TWS connection • **FM radio** with automatic tuning • **MP3 playback** from USB and microSD devices • built-in microphone for easy call reception • switchable RGB LED light effects • exclusive, textile coating • with passive subwoofer, 5 W • built-in battery with automatic charging • expected charging / operating time: ~4 h / ~15 h • accessory: USB-C charging cable • recommended chargers: SA 24USB, SA 50USB • dimensions / weight: 110 x 131 x 110 mm / 0.52 kg



BT DOG

PORTABLE MULTIMEDIA SPEAKER

• custom design with swivel head • wireless **BT connection** • **FM radio** with automatic station tuning • USB/microSD **MP3/WAV music player** • control of a mobile phone's music player • output power: **5W** • built-in 18650 battery • expected charging/operating time: ~3 h / **5 h** • **USB-microUSB charging cable** included • power supply from a computer or adapter (optional) • recommended mains USB adapter: SA 24USB, SA 50USB • dimensions: 115 x 200 x 200 mm



PCS 2100

MULTIMEDIA SPEAKER PAIR

• **GAMER RGB LED light effect: optional customisation** • active stereo speaker pair, **bass reflex, 2x10W** • simultaneous **wired and wireless connection** • e.g., wired connection to a computer, and BT connection to a mobile phone • **touch button** to switch between light effects and AUX/BT mode • wireless BT connection • 3.5mm jack for AUX audio input • 3.5mm **headphone socket** • built-in **power cord with USB plug** • power supply from a computer or adapter (optional) • recommended mains USB adapter: SA 24USB, SA 50USB • dimensions: 90 x 190 x 100 mm (x2)



COLOR CHANGING



PCS 230

MULTIMEDIA SPEAKER PAIR

• alternating **RGB LED light effect** • active stereo speaker pair, **2x3W** • simultaneous **wired and wireless connection** • e.g., wired connection to a computer, and BT connection to a mobile phone • wireless BT connection • 3.5mm jack for AUX audio input • **built-in power cord with USB plug** • power supply from a computer or adapter (optional) • recommended mains USB adapter: SA 24USB, SA 50USB • dimensions: 65 x 100 x 75 mm (x2)



COLOR CHANGING



SAL 250BT**MULTIMEDIA SPEAKER PAIR**

• dynamic stereo sound • **traditional, transistor Hi-Fi amplifier** • **3-way, bass-reflex design, 2 x 120 W** • wireless BT connection • listening to music from a mobile device, computer • music playback from a USB/SD device • FM radio with automatic and manual tuning and storage • wired stereo audio input (2 x RCA) • **ideal for improving TV sound** (option: DTA AUDIO) • two microphone inputs (2 x 6.3 mm) • **KARAOKE function controls with an impressive echo** • **operation with touch buttons** • high and low tone control, EQ • the brightness of the LED display can be adjusted • **timed, automatic switch-off** • classic, solid MDF wood construction • accessories: **remote control**, audio connection cable, decorative feet • remote control power supply: 2 x 1.5 V (AAA) batteries, not included • dimensions: 140 x 900 x 350 mm (2 pcs)

**SAL 200BT****MULTIMEDIA SPEAKER PAIR**

• dynamic stereo sound • **traditional, transistor Hi-Fi amplifier** • **3-way, bass-reflex design, 2 x 80 W** • wireless BT connection • listening to music from a mobile device, computer • music playback from a USB/SD device • FM radio with automatic and manual tuning and storage • wired stereo audio input (2 x RCA) • **ideal for improving TV sound** (option: DTA AUDIO) • two microphone inputs (2 x 6.3 mm) • **KARAOKE function adjustable with echo** • operation with touch buttons • high and low tone control, EQ • the brightness of the LED display can be adjusted • **timed, automatic switch-off** • classic, solid MDF wood construction • accessories: **remote control**, audio connection cable, decorative feet • remote control power supply: 2 x 1.5 V (AAA) batteries, not included • dimensions: 140 x 600 x 350 mm (2 pcs)

**BT 201****2.1 MULTIMEDIA SOUND SYSTEM**

• 2.1 stereo + subwoofer sound system • 2 x 15 W stereo + 50 W bass • adjustable, dynamic bass sound • **ideal for correcting the TV's sound** • **wireless BT connection** • listening to music from mobile phone, computer • **MP3 playback** from USB device • EQ settings, 5+1 type • **FM radio** with automatic and manual fine tuning • wire AUX stereo audio input (3,5 mm) • **LED display with adjustable brightness in 5 stages** • material: MDF wood and plastic • remote control (2 x 1,5 V AAA without battery), 3,5 mm-3,5 mm AUX cable (~1.2 m), antenna wire (~1.5 m), speaker wire (2 x ~1,2 m) included • dimensions of the subwoofer/sound boxes: 160 x 225 x 250 mm - 2,5 kg / 90 x 130 x 90 mm - 0,3 kg

**SAL 150****HI-FI SPEAKER PAIR**

- **2-way Hi-Fi** compact bookshelf speakers
- mylar dome tweeter (25 mm)
- polypropylene cone bass-mid woofer (150 mm)
- tuned, **sealed design for dynamic bass sound**
- robust MDF construction
- **removable magnetic front panel**
- wall hanger
- screw wire terminal
- **2 x 65 W / 45 W, 8 Ohm**
- dimensions: 165 x 275 x 153 mm / 2 x 2,1 kg



BXB 100/8

2-WAY SPEAKER

• **2in1:** for traditional and professional systems • connectable to products with 4-8 Ohm output • connectable to 70/100/110 V~ sound systems • **adjustable volume:** 10 W-20 W-40 W • **2-Way bass-reflex Hi-Fi speaker** • **silk dome tweeter** • reinforced ABS plastic, metal protective grille • can be used in both standing and lying positions • mountable on the wall and ceiling • tiltable and rotatable • screw-in cable connection • load capacity: **60 W / 8 Ohm, 40 W / 100V~** • dimensions / weight: 200 x 285 x 190 mm / 2,9 kg



BXB 10050P

SPEAKER PAIR

• **3-way bass-reflex Hi-Fi speaker pair** • reinforced ABS plastic, metal protective grille • can be used in both standing and lying positions • mountable or hangable on the wall and ceiling • tiltable and rotatable • **can be placed on the furniture after removing the bracket** • can be used in a vehicle, home, shop... • can also be connected directly to a car radio • recessed, clamped cable connector • connectable to products with 4-8 Ohm output • v: 120 W (**2 x 60 W / 8 Ohm**) • dimensions / weight: 140 x 210 x 120 mm / 960 g x 2



BTA 250

STEREO MULTIMEDIA AMPLIFIER

• mini, HiFi multimedia amplifier • premium brushed aluminum front panel • **ideal for improving the sound quality of LCD/LED TVs** • devices with digital audio output can also be connected • **wireless BT connection** • listening to music from a mobile device, computer • **music playback from a USB device** • **FM radio** with automatic tuning • treble and bass control • **adjustable microphone volume and echo** • 2x KARAOKE microphone input • 2x RCA stereo audio input (AUX) • 2x RCA stereo audio input (CD) • **digital coaxial input (RCA)** • **digital optical input (TOSLINK)** • output for active subwoofer (RCA) • FM antenna connection, with wire antenna • 2 x 50 W max. / 4-8 Ohm • remote control power supply: 2 x 1.5 V (AAA) batteries, not included • power supply: 230 V~ / 50 Hz mains connection cable • 200 x 65 x 150/170 mm • requires two sound boxes (e.g. SAL 150, BXB 10050P, BXB 100/8)



BTA 215

WIRELESS BT AMPLIFIER

- built-in, hidden installation option
- **audio input: BT connection (v4.1)**
- **speaker output:** screw type
- the volume and tone can be adjusted on the BT source
- 20 Hz- 20.000 Hz
- **2 x 15 W / 4 Ohm**
- 2 x 10 W / 8 Ohm
- power supply: 230 V~ / 50 Hz mains connection cable
- dimensions: 155 x 36 x 54 mm



INR 5000/BK INTERNET RADIO, 5IN1

• 5in1 Stereo Internet radio • **Internet world radio** • **DAB+/DAB** digital radio • **FM RDS** analog radio • wireless **BT connection** • **Media Center** network music library • 6,1 cm colorful TFT LCD screen • clock with adjustable brightness • double alarm / sleep timer • radio lists of continents and countries • **more, than 23.000 radio stations** • list of favorite stations • handling from PC or mobile phone browser • headphone connection • AUX input (mobile, PC, multimedia...) • LINE OUT output (active speaker, amplifier...) • IN connection with cable or wirelessly • LAN Ethernet RJ45 • **WiFi connection** 802.11b/g/n • UPnP/DLNA compatible file sharing • 2 x 5W bass-reflex HiFi sounding • EQ styles, 3D and individual EQ setting • accessory remote control, 2xAAA (1,5 V) batteries, not included • mains adapter (9 V DC / 2 A) included • dimensions / weight: 295 x 120 x 160 mm / 1,6 kg

**INR 3000 INTERNET RADIO, 4IN1**

You can listen to programs which are not broadcast by radio stations • Thousands of radio programs from all over the world • You can access your favorite shows anytime, 0-24 • „Endless” broadcast, you can listen to children's programs, fairy tales, Christmas songs, folk music, love songs, cabarets, educational programs, audiobooks, sport and transport themed programs and countless music genres non-stop • If your favorite broadcasts cannot be received where you are, you can listen to them via Internet in premium quality • You can expand your HiFi system with a source of broadcast you cannot get bored with...

• 4in1 portable multi-media • **internet world radio** • **FM RDS analog radio** • **wireless BT connection** • **Media Center network music store** • 6.1 cm colour TFT LCD screen • sleep timer • EQ styles, 3D and individual EQ setting • list of radios of the continents and countries • **23,000+ radio stations** • list of favourite stations • operable from PC or mobile browser • add programmes manually as well • **stereo headset connector** • connectable to active sound box and amplifier • wireless IN connection • WiFi connection 802.11b/g/n (2.4) • UPnP/DLNA compatible file sharing • **2 Watt speaker for musical sounds** • **integrated battery** • expectable charging/operating time: 3.5 h/11 h • USB-C charging cable, ~1.0 m included • dimensions/weight: 160 x 93 x 40 mm/260 g

**RRT 4B RETRO DESKTOP RADIO AND MULTIMEDIA PLAYER**

- **4in1: BT + MP3 + AUX + RADIO**
- **wireless BT connection**
- stereo music playback from mobile device, computer
- controls your mobile phone's music player
- MP3 playing from USB/microSD device
- **4-band AM-FM-SW1-SW2 radio**
- **EQ equalizer**
- wire stereo audio input (AUX IN)
- headphone connector socket (3,5 mm)
- classic wooden sound box with two speakers
- remote control for the multimedia functions (with 1 x 3 V (CR2025) button cell)
- expected charging time / operation time: ~8 h / **16 h**
- various power supply: **power cable for charging included**, built-in accumulator, 6xD/LR20 (1,5 V) batteries (not included), external 9...12 V... adapter or accumulator (not included)
- dimensions: 320 x 210 x 150 mm

**RRT 3B RETRO PORTABLE RADIO AND MULTIMEDIA PLAYER**

- **4in1: BT + MP3 + AUX + RADIO**
- **wireless BT connection**
- **music playback from mobile device or computer**
- playing MP3 files from USB/SD/microSD devices
- wired audio input (AUX IN)
- **3-band AM-FM-SW radio**
- volume indicator 2 x 5 LEDs
- voice announcement by changing operation modes
- classic wooden box with carrying handle
- expected charging time / operation time: ~ 8 h / **12 h**
- various power supply: built-in accumulator, 4 x 1,5 V (D/LR20) battery, (not included), external 6 V... adapter or accumulator (not included), **power cable for charging included**
- dimensions: 270 x 200 x 130 mm



RRT 6B

RETRO RADIO AND MULTIMEDIA PLAYER

• HiFi STEREO music playback, 2x5 Watts • **6in1: BT + RADIO + USB + microSD + AUX + telephone speakerphone** • stereo wireless BT connection • listening to music from a mobile device, computer • **microphone for telephone conversations** • two-band; **AM - FM radio** • stereo music playback from a USB/microSD device • Soft Touch coated cover and retro fabric • **AUX IN** wired audio input: Ø3.5 mm • stereo **headphone socket**: Ø3.5 mm • expected charging time / operating time: ~5 / ~22 hours • **built-in battery** • USB-microUSB cable and 3.5 mm audio cable included • dimensions: 227 x 133 x 102 mm



RRT 2B

PORTABLE RETRO RADIO AND MULTIMEDIA PLAYER

• **4in1: BT + MP3 + AUX + RADIO** • **wireless BT connection** • music playback from mobile device, computer • controls the mobile phone's music player • MP3 playing from USB/microSD device • 3-band AM-FM-SW radio • wired audio input (AUX IN) • **extremely long service life: up to 20 hours with one charge** • expected charging time / operation time: ~10 h / 20 h • continuous operation from the mains or from accumulator • **the operation time can be multiplied** by inserting an additional accumulator (18650) and batteries (LR20) • various power supply: **power cable for charging, built-in accumulator, included**, 3 x D/LR20 (1,5 V) batteries, not included, insertable 18650 type accumulator, not included, external 5 V $\overline{\text{---}}$ miniUSB adapter (optional) • dimensions: 260 x 180 x 120 mm



RRT 11B

RETRO CASSETTE RECORDER RADIO AND MULTIMEDIA PLAYER

- **11 bands world receiver AM-FM-SW radio**
- fine tuning dual knob
- **cassette recording with auto-stop function**
- built-in microphone
- MP3/WMA playing from USB/SD device
- **digitalizing old analogue recordings**
- recording on cassettes or onto USB/SD device from all available signal sources
- voice of microphone or radio can be recorded in both cases
- you can achieve your old cassettes digitalized in MP3 format on USB or SD device
- headphone socket: Ø3.5 mm
- power supply: **power cable is included**, 4 x 1,5 V (D/LR20) battery, not included, external 6V $\overline{\text{---}}$ adapter, not included
- dimensions: 280 x 170 x 100 mm / 1,5 kg



RRT 12B

TURNTABLE WITH MULTIMEDIA FUNCTION

- BT + FM + MP3/WMA + PHONO + AUX
- **wireless BT connection**
- music playing from mobile device, computer
- **MP3/WMA playing from USB/microSD device**
- **FM radio with automatic station search and store**
- archiving and digitizing old analog audio
- **WAV recording to USB/microSD device** (disc, FM, AUX IN: pl. cassette, VHS, DVD)
- wired audio AUX input (Ø 3,5 mm)
- semi-automatic turntable with 33/45/78 rpm
- **lever lift and switchable AUTO-STOP function**
- stereo ceramic voice-pickup, with ruby needle
- EQ equalizer with 6 settings
- **classic wood casing with two speakers and built-in amplifier**
- 2xRCA outputs for external amplifier or active sound box
- **1+2 pcs turntable replacement-needles**, centering ring, included
- power supply: USB adapter with with removable power cable (~1,6 m)
- dimensions: 420 x 120 x 390 mm



RPR 7B**MULTIMEDIA RADIO, AC/DC**

• **4in1: BT + USB + microSD + RADIO** • wireless BT connection • music playback from mobile device, computer • controls the mobile phone's music player • MP3/WAV/WMA playback from USB/microSD device • **4-band** AM-FM-SW1-SW2 radio • headphone connector socket: Ø3.5 mm • **approx. 18 hours of operation with one charge** • expected charging time / operation time: ~8 / ~18 hours • 3-type power supply: operation from the mains, from accumulator and batteries • **power cable** for charging, built-in accumulator (included), 2xD/LR20 (1,5 V) batteries (not included) • dimensions: 225 x 130 x 70 mm / 750 g

**RPR 3LCD****PORTABLE LCD RADIO, AC / DC**

• **AM-FM-SW digital world-wide radio** • increased sensitivity • **60 storable radio stations** • featured quick buttons for your favorites • **stereo sounding with headphones** (option) • with blue backlight LCD clock • **sleep timer** (10 to 90 minutes) • **alarm** with radio or beep-beep sound • alarm-repeat (5 minutes) • lockable keypad • user-friendly handling • headphone connector socket: Ø3.5 mm • power supply: **power cable included**, 3xD/LR20 (1,5 V) batteries (not included) • dimensions: 235 x 120 x 50 mm / 595 g

**RPR 8****PORTABLE RADIO, AC/DC**

• 3-band, AM-FM-SW radio • sensitive radio reception • **high volume**, easy handling • compact, robust, portable design • **can be operated from mains or batteries** • earphones or headphones can be connected (option) • headphone socket: Ø3.5 mm • power supply: mains connection cable (included) or 2 x D/LR20 batteries (not included) or 5 V external power supply (not included) • dimensions / weight: 210 x 115 / 153 x 70 mm / 560 g

**RPC 3****POCKET RADIO**

- 2-band AM-FM pocket radio
- **LED indicator which helps to tune** to the exact station
- Easy and comfortable operation thanks to the **ergonomic design**
- Ø3,5 mm headphone connector
- power supply: 2 x 1,5 V (AA) batteries, not included
- dimensions: 133 x 70 x 32 mm

**RPC 4****POCKET RADIO**

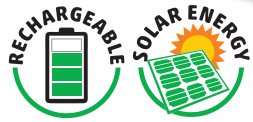
- AM-FM radio with 2 bands
- **LED indicator which helps to tune** to the exact station
- high-sensitivity reception
- Ø3,5 mm headphone connector
- power supply: 2 x 1,5 V (AA) batteries, not included
- dimensions: 69 x 118 x 30 mm



RPH 2

MULTIFUNCTIONAL SOLAR RADIO

- no batteries required
- **hybrid charging: with a solar cell with a joystick or USB cable**
- real "end of the world" emergency radio: you can listen to news, light and charge with it
- 3-band, AM-FM-WB **radio** with tuning indicator
- cold light **reflector**
- warm light **reading lamp**
- **USB charging output for mobile devices**
- wireless **BT connection**
- **music playback** from a USB/microSD device
- earphones or headphones can be connected (option)
- headphone socket: Ø3,5 mm
- SOS **alarm siren** in case of panic
- high quality speaker
- charge indicator LED and indication of the charge level
- built-in battery: ~4,000mAh
- expected charging / radio operating time: ~3h USB / ~40h
- included: USB-C charging cable
- mains charger: SA 24USB, option
- dimensions: 160 x 80 x 66 mm / 400 g



RPH 1

SOLAR RADIO AND MULTIMEDIA PLAYER

- no batteries required
- **hybrid charging: with solar cell or with USB cable**
- replaceable 18650 battery
- 3-band, AM-FM-SW **radio**
- wireless **BT TWS connection**
- **music playback from a USB/microSD device**
- earphones or headphones can be connected (option)
- headphone socket: Ø3,5 mm
- charge indicator LED
- expected charging/operating time: ~2.5 h / ~11 h
- accessory: USB charging cable, wrist strap
- mains charger: SA 24USB, option
- dimensions / weight: 140 x 77 x 50 mm / 270 g



BT WORK

WATER RESISTANT, SHOCKPROOF JOBSITE AND PARTY RADIO

- **for outdoor and indoor use**
- ideal multimedia besides work, in the garden, on the beach
- rear, white light **LED lamp** (3 W)
- **wireless BT connection**
- listen to music from your mobile device, computer
- MP3 playback from USB device
- **FM radio**, with telescopic antenna
- microphone input, **KARAOKE** function (6,3mm)
- wired audio **AUX** input (3,5mm)
- built-in battery with automatic charging
- charge status on the display and charging indicator LED
- **extremely long operating time on a single charge**
- expected charging/operating time: 9h / 30h
- continuous, colorful LED light effect
- massive, water resistant and shockproof
- IPX5: can resist water jets, from any direction
- wideband speaker, **25W**
- microUSB charger cable (~1,0m), 3,5/3,5mm audio cable (~1,0m) included
- dimensions: 400 x 290 x 170 mm / 2,2 kg



MPA SERIES

MIXING AMPLIFIER

SIMULTANEOUSLY USEABLE FOR (4-16 Ohm) and 100 VOLT (70-100-110-120 V) SOUND SYSTEMS

• 6-channel mixer-amplifier • built-in multimedia unit • wireless **BT connection** • music playback from mobile device, computer • **FM radio** with memorisable radio systems • **MP3/WMA playback** USB/SD device • track repeat, playback in random order • graphic radio scale, control meter and playlist on LCD display • warning tone at the push of a button • automatic **music playback and mixing** when voice announcement • dual volume control with level limitation • high and low **level equalization** • output for connecting a further amplifier or audio recorder • inputs: USB, SD, 2xMIC (6,3 mm), 3xL+R (2xRCA), FM ANT • outputs: L+R (2xRCA, mono) • it can be connected to 6 independent groups and controllable with 100 V speakers • power supply: 230 V~ / 50 Hz power cable • dimensions: 480 x 355 x 98 mm / 6.8 kg

MPA 240BT

SUITABLE FOR THE SIMULTANEOUS OPERATION OF 25-30 PCS "100 VOLT" SPEAKERS

240 WATT, dimensions: 480 x 95 x 380 mm / 8,7 kg



MPA 120BT

SUITABLE FOR THE SIMULTANEOUS OPERATION OF 12-15 PCS "100 VOLT" SPEAKERS

120 WATT, dimensions: 480 x 98 x 355 mm / 6,8 kg



BXB 100/8

2-WAY SPEAKER

• **2in1**: for traditional and professional systems • connectable to products with 4-8 Ohm output • connectable to 70/100/110 V~ sound systems • **adjustable volume**: 10 W-20 W-40 W • **2-Way bass-reflex Hi-Fi speaker** • **silk dome tweeter** • reinforced ABS plastic, metal protective grille • can be used in both standing and lying positions • mountable on the wall and ceiling • tiltable and rotatable • screw-in cable connection • load capacity: **60 W / 8 Ohm, 40 W / 100V~** • dimensions / weight: 200 x 285 x 190 mm / 2,9 kg



WAS 2

WALL SPEAKER

- with built-in 110 V transformer
- max. loadability: **10 W**
- frequency range: 50 - 18.000 Hz
- speaker: Ø165 mm
- impedance: 8 Ohm
- dimensions: 275 x 200 x 110 mm



CES 165

2-WAY CEILING SPEAKER

- with built-in 110 V transformer
- **2-way system**: with subwoofer and tweeter
- connectable according to 3 volume levels:
2,5 W - 5 W - 10 W
- max. load capacity: **10 W**
- frequency transfer: 80-20.000 Hz
- speakers: Ø165 mm - Ø25 mm
- impedance: 8 Ohm
- installation dimensions:
Ø206 x 70 mm



CES 3

CEILING SPEAKER

- with built-in 110 V transformer
- max. loadability: **10 W**
- frequency range: 50 - 18.000 Hz
- speaker: Ø165 mm
- impedance: 8 Ohm
- installation dimensions:
Ø190 x 85 mm



PAX 42BT

ACTIVE SOUND BOX AND MULTIMEDIA PLAYER FOR BANDS

- dynamic, powerful sound
- **wireless BT TWS connection**
- music playback from USB/SD device
- FM radio with automatic station tuning
- tone adjustment: treble, bass, EQ
- inputs: **USB/SD, BT, FM, MIC, LINE**
- outputs: LINE, Speakon speaker output
- a second sound box can also be connected (option: PAX 42PRO)
- **up to 4 sound boxes can be connected to set up a high-power sound-system**
- over control indicator LED
- stage monitor function (with box laid on its side)
- can be installed on a Ø35mm stand
- massive, impact resistant cover
- rear wheel set
- including: remote-control, batteries (CR2025), power cord included
- dimensions / weight: 45 x 71 x 37 cm / 18,5 kg



PAX 42PRO

SOUND BOX FOR BANDS

- dynamic, powerful sound
- **professional titanium high frequency speaker**
- **large size, 15" low frequency speaker**
- input: Speakon speaker connector
- for connection to an active sound box or amplifier
- ideal pair: PAX 42BT active sound box (optional)
- **stage monitor function** (with box laid on its side)
- can be installed on a Ø35mm stand
- massive, impact resistant cover
- rear wheel set
- dimensions / weight: 45x71x37cm / 16.5kg



MVN 910**WIRELESS MICROPHONE SET**

- professional microphone set
- robust, **metal handheld microphones**
- innovative, **latest technology**
- multifunctional digital display
- frequency/channel/battery status
- RF radio signal strength meter
- AF audiolevel meter
- **digital noise filter circuit**
- **2 x 100 selectable channels**
- scanning for best available channel
- automatic or manual setting
- fast infrared pairing
- noise-free On/Off switching
- 2x symmetrical XLR audio outputs
- Ø6,3 mm mixed audio output
- high-gain BNC antennas
- **operating range in open field: ~140 m**
- operating frequency band: UHF
- can be fitted into rack
- power adapter, 6,3 mm / 6,3 mm audio connection cable, fixtures, colour coding rings included
- microphones: Ø50/35 x 265 mm, 2 x 1,5 V (AA) batteries, not included
- receiver: 420 x 55 x 220 mm

**MVN 600****WIRELESS MICROPHONE SET**

- professional microphone set
- robust, **metal handheld microphones**
- multifunctional digital display
- frequency/channel/battery status
- AF audiolevel meter
- **digital noise filter circuit**
- **2 x 30 selectable channels**
- fast wireless pairing
- noise-free On/Off switching
- 2x symmetrical XLR audio outputs
- Ø6,3 mm mixed audio output
- **operating range in open field: ~80 m**
- operating frequency band: UHF
- power adapter, 6,3 mm/6,3 mm audio connection cable included
- microphones: Ø50/35 x 250 mm, 2 x AA (1,5 V) batteries, not included
- receiver: 210 x 50 x 18 mm

**MVN 300****WIRELESS MICROPHONE SET**

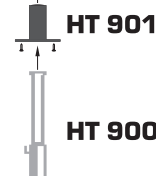
- professional **metal handheld microphone**
- multifunction digital display in the handle
- frequency / channel / battery status display
- **digital noise filter circuit**
- **automatic pairing**
- **20 selectable channels** for interference-free reception
- Ø6,3 mm jack microphone output on the receiver
- **rechargeable receiver which can be directly plugged into the amplifier**
- range in open terrain: **~40 m**
- operating frequency band: 550-565,2 MHz
- microphone: Ø50/33x240 mm, 2 x 1,5 V (AA) batteries, not included
- receiver unit: ~80 x 42 x 17 mm
- receiver with built-in battery (500 mAh Li-Ion)
- expected charging / operating time: ~2,5 h / 6 h
- can be charged continuously for continuous operation
- USB - with microUSB charger cable (~1.0 m) included

**HT 900****STAND FOR ORCHESTRAL SPEAKER CABINET**

- easy, stable construction
- non-slip legs
- **safety latch**
- holder rod diameter: Ø35 mm
- adjustable height: ~110-180 cm
- **loadability: max. 40 kg**
- weight: ~2 kg
- sole diameter: ~130 cm

**HT 901****SEATH FOR SPEAKER BOX STAND**

- sinks into the speaker's bottom
- allows placing the speaker box on a HT 900 stand
- suitable for every stand with Ø35 mm rod
- capacity: max. 40 kg



M 100USB

USB MICROPHONE SET

Youtuber • Gamer • Blogger • Vlogger • Streamer • Influencer • Radio presenter • Studio recording • Synchronization • Podcasting • Network communication • Stage system

- professional USB Microphone Set
- outstanding, Hi-Fi sound quality
- metal microphone, **with rotating desk-top stand**
- shockproof adjustable support head
- **dual-layer, flexible popup filter** (Ø155 mm)
- windscreen foam
- high-sensitivity capacitor microphone
- cardioid directivity, mono
- high output level, low noise, wide dynamic range
- **USB Plug and Play installation without driver**
- requires external supply voltage (USB charging)
- output: integrated USB-B connector
- USB-B connector / USB-A connector cable (~1.5 m) included
- microphone: Ø46 x 155 mm / 210 g



M 12

STUDIO MICROPHONE SET

Youtuber • Gamer • Blogger • Vlogger • Streamer • Influencer • Radio presenter • Studio recording • Synchronization • Podcasting • Network communication • Stage system

- professional studio microphone set
- outstanding, **Hi-Fi sound quality**
- **metal microphone**, with secure desk-top stand
- **shock-proof mounting head**
- **high-sensitivity capacitor microphone**
- cardioid directivity, mono
- high output level, low noise, wide dynamic range
- **requires external supply voltage** (phantom power)
- example: mixer, PA amplifier, computer, notebook
- output: integrated symmetrical XLR 3p plug
- XLR connector / **3p-3.5 mm jack connector cable** (~2.4 m) included
- microphone: Ø46 x 155 mm / 200 g



M 11

DESKTOP MICROPHONE

- **professional electret-condenser microphone**
- usable for devices provided with microphone-in
- **LED indicator on the base**
- LED indicator ring on the shaft
- built-in on/off switch in the base
- removable noise-filter sponge
- **cardioid polar pattern**
- massive, metal XLR connection plug
- extra-long, removable connection cable (5 m)
- Ø6,3 mm-XLR audio connection cable, noise-filter sponge included
- **dual power supply: battery or +48 V phantom power**
- battery type: 1 x 9 V (6LR61) battery, not included
- dimensions: 125 x 150 x 490 mm / 610 g



M 8

HANDHELD MICROPHONE

- **dynamic microphone for professional amplifying purposes**
- handy, entire metallic grip
- **cardioid polar pattern**
- on/off switch on the grip
- extra-long, removable XLR connection cable
- **massive, metal plugs**



M 61

HANDHELD MICROPHONE

- **dynamic microphone for professional amplifying purposes**
- **cardioid polar pattern**
- on/off switch on the grip
- extra-long, removable XLR connection cable



M 41

HANDHELD MICROPHONE

- **dynamic microphone for professional amplifying purposes**
- **cardioid polar pattern**
- on/off switch on the grip
- light weight, flexible connection cable



HT 810

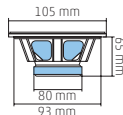
MICROPHONE STAND

- **2in1 with 2 holder rods**
- light weight, stable construction
- **non-slip feet**
- accessory universal microphone holder
- **microphone grip: Ø25...35 mm**
- Ø15/9 mm screw converters included
- **adjustable height: ca.100-160 cm**
- weight: approx. 1,7 kg
- sole diameter: ~ 70 cm



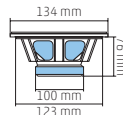
SBX 1010/BK WOOFER **50 W**

- P_m/P_n : 50/35 W
- f: 55 - 8.000 Hz
- SPL_{1W/1m}: 82 dB
- voice coil: 0,75", 2 layers
- voice coil material: aluminium
- magnet weight: 10 Oz



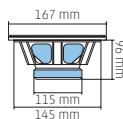
SBX 1320/BK WOOFER **60 W**

- P_m/P_n : 60/40 W
- f: 50 - 7.000 Hz
- SPL_{1W/1m}: 85 dB
- voice coil: 1", 4 layers
- voice coil material: aluminium
- magnet weight: 20 Oz



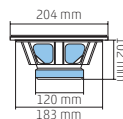
SBX 1620/BK WOOFER **80 W**

- P_m/P_n : 80/50 W
- f: 45 - 7.000 Hz
- SPL_{1W/1m}: 87 dB
- voice coil: 1", 4 layers
- voice coil material: aluminium
- magnet weight: 20 Oz



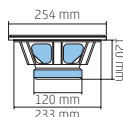
SBX 2030/BK WOOFER **120 W**

- P_m/P_n : 120/80 W
- f: 35 - 3.000 Hz
- SPL_{1W/1m}: 88 dB
- voice coil: 1,5", 4 layers
- voice coil material: aluminium
- magnet weight: 30 Oz



SBX 2530/BK SUBWOOFER **150 W**

- P_m/P_n : 150/100 W
- f: 33 - 2.500 Hz
- SPL_{1W/1m}: 90 dB
- voice coil: 1,5", 4 layers
- voice coil material: aluminium
- magnet weight: 30 Oz



	SBX 1010/BK	SBX 1320/BK	SBX 1620/BK	SBX 2030/BK	SBX 2530/BK
nominal diameter	100 mm	130 mm	165 mm	200 mm	250 mm
cone material	kevlar	kevlar	kevlar	kevlar	kevlar
loadability	50 / 35 W	60 / 40 W	80 / 50 W	120 / 80 W	150 / 100 W
impedance	8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm
frequency range	55 - 8000 Hz	50 - 7000 Hz	45 - 7000 Hz	35 - 3000 Hz	30 - 2500 Hz
SPL	82 dB	85 dB	87 dB	88 dB	90 dB
voice coil	∅0,75", 2 layers	∅1", 4 layers	∅1", 4 layers	∅1,5", 4 layers	∅1,5", 4 layers
coil material	aluminum	aluminum	aluminum	aluminum	aluminum
edge	rubber	rubber	rubber	rubber	rubber
basket	steel plate	steel plate	steel plate	steel plate	steel plate
magnet	10 Oz	20 Oz	20 Oz	30 Oz	30 Oz
mounting size	∅93 mm	∅123 mm	∅145 mm	∅183 mm	∅233 mm
mounting depth	65 mm	76 mm	96 mm	102 mm	120 mm

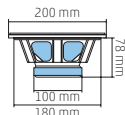
SBV 2020/4

SUBWOOFER

80 W

Suitable for repairing VIDEOTON speaker boxes!

- P_m/P_n: **80/50 W**
- f: 45 - 5.000 Hz
- SPL_{1W/1m}: 86 dB
- voice coil: 1", 2 layers
- voice coil material: aluminium
- magnet weight: 20 Oz



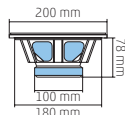
SBV 2020

SUBWOOFER

80 W

Suitable for repairing VIDEOTON speaker boxes!

- P_m/P_n: **80/50 W**
- f: 45 - 5.000 Hz
- SPL_{1W/1m}: 86 dB
- voice coil: 1", 2 layers
- voice coil material: aluminium
- magnet weight: 20 Oz

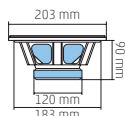


SPA 2030

SUBWOOFER

150 W

- P_m/P_n: **150/100 W**
- f: 50 - 5.000 Hz
- SPL_{1W/1m}: 89 dB
- voice coil: 1,5", 2 layers
- voice coil material: aluminium
- magnet weight: 30 Oz

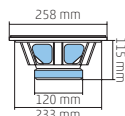


SPA 2530

SUBWOOFER

200 W

- P_m/P_n: **200/140 W**
- f: 45 - 5.000 Hz
- SPL_{1W/1m}: 90 dB
- voice coil: 1,5", 2 layers
- voice coil material: aluminium
- magnet weight: 30 Oz

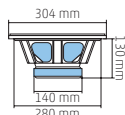


SPA 3040

SUBWOOFER

210 W

- P_m/P_n: **210/150 W**
- f: 40 - 3.500 Hz
- SPL_{1W/1m}: 90 dB
- voice coil: 1,5", 2 layers
- voice coil material: aluminium
- magnet weight: 40 Oz

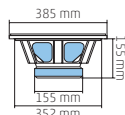


SPA 4050

SUBWOOFER

230 W

- P_m/P_n: **230/160 W**
- f: 30 - 3.000 Hz
- SPL_{1W/1m}: 93 dB
- voice coil: 2", 2 layers
- voice coil material: aluminium
- magnet weight: 50 Oz



	SBV 2020/4 és 2020	SPA 2030	SPA 2530	SPA 3040	SPA 4050
nominal diameter	200 mm	200 mm	250 mm	300 mm	400 mm
cone material	impregnated paper	impregnated paper	impregnated paper	impregnated paper	impregnated paper
power	80 / 50 W	150/100 W	200/140 W	210/150 W	230/160 W
impedance	4 Ohm / 8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm
frequency range	45 - 5000 Hz	50-5000 Hz	45-5000 Hz	40-3500 Hz	30-3000 Hz
SPL	86 dB / 85 dB	89 dB	90dB	90 dB	93 dB
voice coil	1.5", 2 layers	1.5", 2 layers	1.5", 2 layers	1.5", 2 layers	2", 2 layers
coil material	aluminum	aluminum	aluminum	aluminum	aluminum
edge	gumi	textile	textile	textile	textile
basket	steel	steel	steel	steel	steel
magnet	20 Oz	30 Oz	30 Oz	40 Oz	50 Oz
mounting size	Ø180 mm	Ø183 mm	Ø233 mm	Ø280 mm	Ø352 mm
mounting depth	78 mm	90 mm	115 mm	130 mm	155 mm

SKN 10**40 W****MIDRANGE SPEAKER**

- professional, **closed basket**
- It does not require hermetically separated air space from the speaker box
- **stiffed, impregnated cone**
- P_m/P_n : 40/30 W
- f: 500 - 8.500 Hz
- $SPL_{1W/1m}$: 84 dB

**SKN 13****50 W****MIDRANGE SPEAKER**

- professional, **closed basket**
- It does not require hermetically separated air space from the speaker box
- **stiffed, impregnated cone**
- P_m/P_n : 50/40 W
- f: 400 - 7.000 Hz
- $SPL_{1W/1m}$: 86 dB

**SKN 16****60 W****MIDRANGE SPEAKER**

- professional, **closed basket**
- It does not require hermetically separated air space from the speaker box
- **stiffed, impregnated cone**
- P_m/P_n : 60/40 W
- f: 300 - 6.000 Hz
- $SPL_{1W/1m}$: 88 dB

**DPH 1417****STAGE HORN TWEETER**

- durable textile bakelite dome
- sound changer required
- 160 x 142 mm
- Z: 8 Ohm
- P_m/P_n : 150/80 W
- f: 2.000 - 18.000 Hz
- $SPL_{1W/1m}$: 96 dB
- voice coil: 1.5"
- diaphragm: textile bakelite
- magnet weight: 20 Oz

**DP 11****STAGE HORN TWEETER**

- durable textile bakelite dome
- sound changer required
- 86 x 86 mm
- Z: 8 Ohm
- P_m/P_n : 120/60 W
- f: 2.000 - 18.000 Hz
- $SPL_{1W/1m}$: 93 dB
- voice coil: 1.0"
- diaphragm: textile bakelite
- magnet weight: 10 Oz

**DTF 12****HIFI DOME TWEETER**

- Ø103 mm / 8 Ohm
- ferrofluid attenuation
- P_m/P_n : **100/50 W**
- f: 2.000 - 21.000 Hz
- $SPL_{1W/1m}$: 91 dB
- voice coil: 1", 2 layers
- **cone: silk**
- magnet weight: 8 Oz

**DT 21****DOMTWEETER**

- Ø74 mm / 8 Ohm
- P_m/P_n : **40/20 W**
- f: 3.000 - 21.000 Hz
- $SPL_{1W/1m}$: 91 dB
- voice coil: 0,5"
- **cone: mylar**
- magnet weight: 2 x 0,6 Oz



	SKN 10	SKN 13	SKN 16	DPH 1417	DP 11	DTF 12	DT 21
nominal diameter	110 mm	136 mm	170 mm	160 x 142 mm	86 x 86 mm	103 mm	74 mm
cone material	fixed, impregnated paper	fixed, impregnated paper	fixed, impregnated paper	textile bakelite	textile bakelite	silk	mylar
power	40/30 W	50/40 W	60/40 W	150/80 W	120/60 W	100/50 W	40/20 W
impedance	8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm	8 Ohm
frequency range	500 - 8500 Hz	400 - 7000 Hz	300 - 6000 Hz	2000 - 18000 Hz	2000 - 18000 Hz	2000 - 21000 Hz	3000 - 21000 Hz
SPL	84 dB	86 dB	88 dB	96 dB	93 dB	91 dB	91 dB
voice coil	2 layers	2 layers	2 layers	1,5"	1,0"	1", 2 layers	0,5"
coil material	aluminum	aluminum	aluminum	-	-	-	-
edge	foam	foam	foam	-	-	-	-
basket	closed, steel	closed, steel	closed, steel	-	-	-	-
magnet	12 x Ø60 mm	10 x Ø70 mm	15 x Ø80 mm	20 Oz	10 Oz	8 Oz	2 x 0,6 Oz
mounting size	Ø100 mm	Ø136 mm	Ø170 mm	Ø115 mm	Ø70 mm	Ø84 mm	Ø 50 mm
mounting depth	38 mm	40 mm	60 mm	140 mm	80 mm	30 mm	14 mm

KHS 120

PIEZO TWEETER

- 263 x 100 mm • P_m (4 Ω): **300 W** • P_m (8 Ω): **150 W**
- f: 2.000 - 20.000 Hz • $SPL_{1W/1m}$: 92 dB
- impedance: > 1000 Ohm • max. voltage: 35 V~



KHS 110

PIEZO TWEETER

- 187 x 87 mm • P_m (4 Ω): **300 W** • P_m (8 Ω): **150 W**
- f: 2.000 - 20.000 Hz • $SPL_{1W/1m}$: 90 dB
- impedance: > 1000 Ohm • max. voltage: 35 V~



KHS 311M

PIEZO TWEETER

- 110 x 110 mm • P_m (4 Ω): **300 W** • P_m (8 Ω): **150 W**
- f: 2.000 - 20.000 Hz • $SPL_{1W/1m}$: 93 dB
- impedance: > 1000 Ohm • max. voltage: 35 V~



KHS 105A

PIEZO TWEETER

- 85 x 85 mm • P_m (4 Ω): **300 W** • P_m (8 Ω): **150 W**
- f: 2.000 - 20.000 Hz • $SPL_{1W/1m}$: 94 dB
- impedance: > 1000 Ohm • max. voltage: 35 V~



KHS 106

PIEZO TWEETER

- \varnothing 95 mm • P_m (4 Ω): **300 W** • P_m (8 Ω): **150 W**
- f: 2.000 - 20.000 Hz • $SPL_{1W/1m}$: 90 dB
- impedance: > 1000 Ohm • max. voltage: 35 V~



KHS 107

PIEZO TWEETER

- 64 x 64 mm • P_m (4 Ω): **300 W** • P_m (8 Ω): **150 W**
- f: 5.000 - 20.000 Hz • $SPL_{1W/1m}$: 104 dB
- impedance: > 1000 Ohm • max. voltage: 35 V~



HV 328

CROSSOVER

200 W

- loadability: max. **200 W**
- crossover frequency: **500 Hz / 3.000 Hz**
- crossover filter: 12 dB/octave
- switchable output level, high: 0/-3 dB, medium: 0/-2 dB



HV 228

CROSSOVER

200 W

- loadability: max. **200 W**
- crossover frequency: **3.000 Hz**
- crossover filter: 12 dB/octave
- switchable output level, high: 0/-3 dB

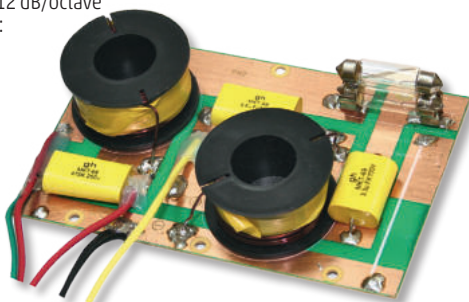


HVP 28

CROSSOVER

600 W

- loadability: max. **600 W**
- crossover frequency: **2.800 Hz**
- frequency filter, bass: 12 dB/octave
- frequency filter, treble: 18 dB/octave
- professional, for amplifier systems
- 150 x 28 x 95 mm



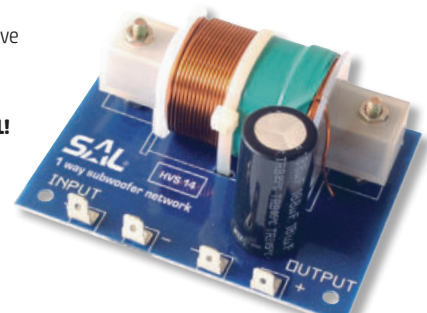
HVS 14

CROSSOVER FOR 4 OHM MÉLYSUGÁRZÓHOZ

300 W

- loadability: max. **300 W**
- crossover frequency: **4 Ω - 120 Hz, 8 Ω - 160 Hz**
- crossover filter: 12 dB/octave
- for subwoofers

SUITABLE FOR USE WITH 4 AND 8 Ω SYSTEMS AS WELL!



SPK 900

SPEAKON PLUG

- 4 poles
- screw-able
- with strain relief



SPK 850

SPEAKON SOCKET

- 4 poles
- can be built-in
- with terminal
- 30 x 25 mm



S 23

MICROPHONE PLUG

- 3 poles
- swings



S 24

MICROPHONE SOCKET

- 3 poles
- swings



SL 5

SPEAKER PLUG

- 2 pins
- sprung
- screw-able
- with strain relief



SL 6MG

SPEAKER BOX CONNECTOR

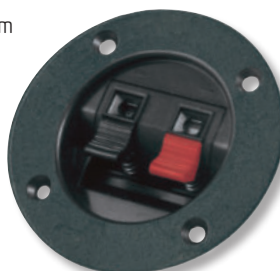
- with 2 gilded metal banana-connectors
- external size: Ø105 mm



SL 5ER

SPEAKER BOX CONNECTOR

- 2 poles
- spring mechanism
- external size: Ø75 mm



SL 2ER

SPEAKER BOX CONNECTOR

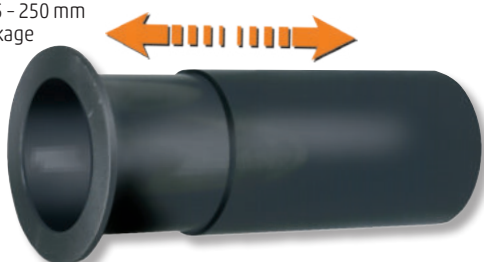
- 2 poles
- spring mechanism
- external size: 52 x 22 mm



KAH 303

REFLEX TUBE

- adjustable length
- Ø66 x 125 - 250 mm
- 2 pcs/package



KAH 202

REFLEX TUBE

- can be cut to proper size
- Ø45 x 100 mm
- 4 pcs/package



HT 203

RECESSED HANDLE FOR SPEAKER CABINET

- metal
- 220 x 163 x 60 mm



HT 200

SPEAKER CABINET CARRYING HANDLE

- metal + rubber
- 250 mm



HT 402

SPEAKER CABINET CORNER

- plastic
- 54 x 54 x 81 mm



HT 401

SPEAKER CABINET CORNER

- plastic
- 37 x 37 x 55 mm



HT 400

SPEAKER CABINET CORNER

- plastic
- 40 x 40 x 40 mm



HT 3123

RUBBER LEG FOR SPEAKER CABINET

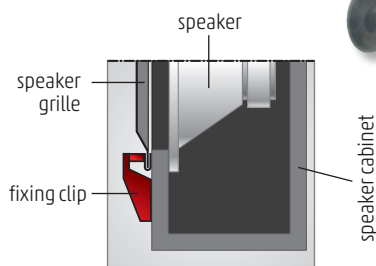
- Ø37 x 16 mm
- can be fastened with Ø5 mm screw
- hard, massive rubber
- built-in metal washer
- 4 pcs/ package



HT 304

FIXING CLIP FOR SPEAKER GRILLE

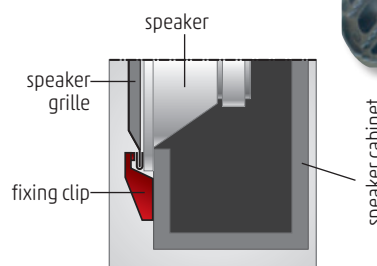
- for G type speaker grills
- 8 pcs/ package



HT 305

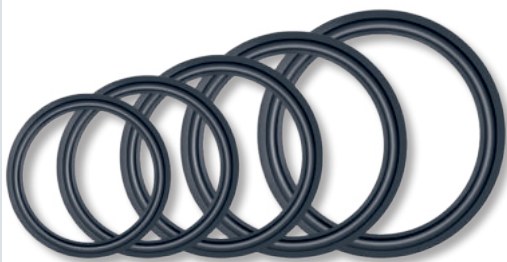
FIXING CLIP FOR SPEAKER GRILLE

- for G type speaker grills
- 8 pcs/ package



SG SERIES

CONE EDGE

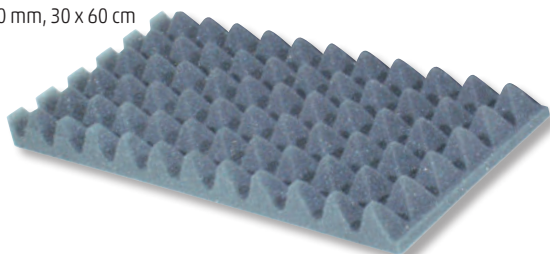


type	external (Ø)	internal (Ø)	speaker (Ø)	features
SG 13	130 mm	85 mm	130 mm	For replacement of old, torn edges. For repairing and renewal of old speakers. Ideal for all types of Ø130, Ø165, Ø200, Ø250, Ø300 mm speakers and VIDEOTON types as well.
SG 16	165 mm	110 mm	165 mm	
SG 20	200 mm	140 mm	200 mm	
SG 25	250 mm	175 mm	250 mm	
SG 30	300 mm	225 mm	300 mm	

HT 2340

SOUND ABSORPTION SPONGE

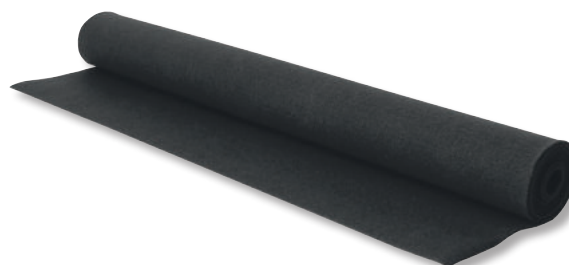
- **ideal for HIGH-END quality speaker cabinets**
- provides clear bass and midrange sound
- **easy to cut to proper size**
- stable structure
- **self-supported**
- dark grey
- thickness 30 mm, 30 x 60 cm



HT 70/BK

SPEAKER COVER FABRIC

- **easy to cut and stick**
- for speaker cabinets exposed to surface damages
- black
- 70 x 140 cm



KL 2,5 SILVER**PREMIUM SPEAKER WIRE**

- High-End HiFi quality
- silver coating for better sounding
- high purity, oxygen-free copper
- better frequency transmission and contact
- stronger midrange and high tones
- corrosion free
- 25 m / coil
- 2 x 2,5 mm²
- 2C x (2 x 51 x 0,25 mm)
- 7,6 x 3,8 mm

**KLS, KL**

KLS series - Ø0,15 mm fiber
copper clad aluminum



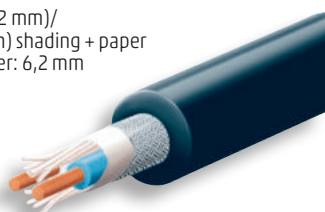
KL series - Ø0,10 mm fiber
oxygen free copper



pict.	type	denomination, features	length
1	KLS 0,15	2 x 0,15 mm ² red-black speaker cable, 2C x (9 x 0,15 mm), width x height: 3,6 x 1,8 mm, from 0,15 mm fiber	100 m/coil
1	KLS 0,35	2 x 0,35 mm ² red-black speaker cable, 2C x (20 x 0,15 mm), width x height: 4,4 x 2,2 mm, from 0,15 mm fiber	100 m/coil
1	KLS 0,5	2 x 0,5 mm ² red-black speaker cable, 2C x (29 x 0,15 mm), width x height: 5,0 x 2,5 mm, from 0,15 mm fiber	100 m/coil
1	KLS 0,75	2 x 0,75 mm ² red-black speaker cable, 2C x (43 x 0,15 mm), width x height: 5,0 x 2,5 mm, from 0,15 mm fiber	100 m/coil
1	KLS 1	2 x 1,0 mm ² red-black speaker cable, 2C x (57 x 0,15 mm), width x height: 6,0 x 3,0 mm, from 0,15 mm fiber	100 m/coil
1	KLS 1,5	2 x 1,5 mm ² red-black speaker cable, 2C x (85 x 0,15 mm), width x height: 7,0 x 3,5 mm, from 0,15 mm fiber	100 m/coil
2	KLS 0,5T	2 x 0,5 mm ² transparent speaker cable, 2C x (29 x 0,15 mm), width x height: 5,0 x 2,5 mm, 0,15 mm fiber	100 m/coil
2	KLS 0,75T	2 x 0,5 mm ² transparent speaker cable, 2C x (29 x 0,15 mm), width x height: 5,0 x 2,5 mm, from 0,15 mm fiber	100 m/coil
2	KLS 1T	2 x 0,75 mm ² transparent speaker cable, 2C x (43 x 0,15 mm), width x height: 6,0 x 3,0 mm, from 0,15 mm fiber	100 m/coil
2	KLS 1,5T	2 x 1,0 mm ² transparent speaker cable, 2C x (57 x 0,15 mm), width x height: 7,0 x 3,5 mm, from 0,15 mm fiber	100 m/coil
2	KLS 2,5T	2 x 1,5 mm ² transparent speaker cable, 2C x (85 x 0,15 mm), width x height: 9,0 x 4,5 mm, from 0,15 mm fiber	50 m/coil
2	KLS 4T	2 x 2,5 mm ² transparent speaker cable, 2C x (7 x 21 x 0,15 mm), width x height: 7,6 x 3,8 mm, from 0,15 mm fiber	50 m/coil
2	KLS 6T	2 x 4,0 mm ² transparent speaker cable, 2C x (7 x 33 x 0,15 mm), width x height: 8,8 x 4,4 mm, from 0,15 mm fiber	25 m/coil
3	KL 0,15	2 x 0,15 mm ² red-black speaker cable, 2C x (19 x 0,10 mm), width x height: 4,0 x 2,0 mm, from 0,1 mm fiber	100 m/coil
3	KL 0,35	2 x 0,35 mm ² red-black speaker cable, 2C x (45 x 0,10 mm), width x height: 4,4 x 2,2 mm, from 0,1 mm fiber	100 m/coil
3	KL 0,5	2 x 0,5 mm ² red-black speaker cable, 2C x (64 x 0,10 mm), width x height: 5,0 x 2,5 mm, from 0,1 mm fiber	100 m/coil
3	KL 0,75	2 x 0,75 mm ² red-black speaker cable, 2C x (96 x 0,10 mm), width x height: 4,6 x 2,3 mm, from 0,1 mm fiber	100 m/coil
3	KL 1	2 x 1,0 mm ² red-black speaker cable, 2C x (127 x 0,10 mm), width x height: 6,0 x 3,0 mm, from 0,1 mm fiber	100 m/coil
3	KL 1,5	2 x 1,5 mm ² red-black speaker cable, 2C x (7 x 27 x 0,10 mm), width x height: 7,0 x 3,5 mm, from 0,1 mm fiber	100 m/coil
4	KL 0,75T	2 x 0,75 mm ² transparent speaker cable, 2C x (96 x 0,10 mm), width x height: 4,6 x 2,3 mm, from 0,1 mm fiber	100 m/coil
4	KL 1T	2 x 1,0 mm ² transparent speaker cable, 2C x (127 x 0,10 mm), width x height: 6,0 x 3,0 mm, from 0,1 mm fiber	100 m/coil
4	KL 1,5T	2 x 1,5 mm ² transparent speaker cable, 2C x (7 x 27 x 0,10 mm), width x height: 7,0 x 3,5 mm, from 0,1 mm fiber	100 m/coil
4	KL 2,5T	2 x 2,5 mm ² transparent speaker cable, 2C x (7 x 45 x 0,10 mm), width x height: 7,6 x 3,8 mm, from 0,1 mm fiber	50 m/coil

MC 625/BK**2-CORE MICROPHONE CABLE**

- 2 x 0,35 mm²
- 2C x (31 x 0,12 mm)/ (28 x 0,12 mm) shading + paper
- outer diameter: 6,2 mm
- round, black
- 50 m/spool

**KN 6****2-CORE SHIELDED CABLE**

- 2 x 0,08 mm²
- 2C x (10 x 0,10 mm)/2 x (28 x 0,12 mm)
- outer diameter: 2,8 x 5,6 mm
- each core is shielded, flat, black
- 100 m/spool

**KN 4****1-CORE SHIELDED CABLE**

- 1 x 0,14 mm²
- 1C x (12 x 0,12 mm)/(28 x 0,12 mm)
- outer diameter: 2,8 mm
- round, black
- 100 m/spool



Car and boat sound technology



VB X1000

CAR RADIO AND MULTIMEDIA PLAYER

4 x 45 W



IOS CARPLAY AND ANDROID AUTO

IOS AND ANDROID SCREEN MIRROR*

- **9.0" (23cm) movable touch screen**
- 1xDIN size device housing
- **radio/music/photo/video playback**
- AM/FM RDS radio with 30 slots
- a USB/microSD device can be connected
- wireless **BT connection**
- calling without touching the phone
- phone book and call list on the screen
- **dash camera**
- **rear camera**
- **USB phone charging**
- built-in and clip-on **external microphone**
- 16-band graphic equalizer
- variable colour button backlight
- rear monitor option for passengers
- can be controlled from the factory remote control
- **menu in 6 languages** (EN/HU/SK/RO/D/SRB)
- 4x45W Hi-Fi speaker output
- 3.5mm AUX stereo audio input
- 2+1xRCA amplifier+active subwoofer output
- 2+1x RCA video input and video output
- accessories included: dash cam and reversing camera, external microphone, ISO connector

*For iPhone 6+ and Android 5+ Mirror Link enabled phones, connected with a USB data cable; For Android, after installing an app



VB 4000

CAR RADIO AND MP3/WMA PLAYER



4 x 45 W



• BT / FM RDS / MP3 / WMA / USB / SD / AUX • **wireless BT connection** • **4 x 45 W output** • music playback from mobile phone • controlling the mobile phone's music player • **2in1: built-in and clip-on external microphone (1,8 m)** • phone calls without touching the phone • hands-free phone calls • ringtone on car speakers • displaying the caller's number on the screen • **when there is an incoming call, the radio turns on and changes into BT mode** • receiving calls / ending / calling back • excellently readable text display • **18 FM memory** • manual or automatic tuning and storing • traffic information service • alternative reception frequencies search • **displaying MP3 „iD3 Tag” text informations** • playback modes: song playback, repeat, random order • handling folders • tone, loudness and EQ sound settings • **4 x 45 W Hi-Fi speaker output** • 3,5 mm AUX input for portable devices • 4 x RCA socket amplifier, to connect active subwoofer • remote control (1 x 3 V (CR2025) button battery, included)

VB 3100

CAR RADIO AND MP3/WMA PLAYER



4 x 45 W



The ANDROID phone is an extended display of the radio with such additional functions that are not available in the radio menu and cannot be displayed on the radio. Besides, the **ANDROID phone also functions as a remote control.**

• expanded functions provided by the app, to be installed separately • the telephone will become an extended display for the radio • the radio is a full-equipped device without a telephone as well • FM / BT / MP3 / WMA / USB / SD / AUX • **wireless BT connection** • listen to music from a mobile telephone or tablet • control the music player of the mobile device • **hands-free telephone calls** • ringtone and calls via the speakers of the car • **caller ID on the display** • recognition of telephone numbers spoken in English • accept / end call, call last number • easy-to-read text display • **18 x FM radio memory** • manual or automatic station scanning and storage • displaying the time even when turned off • various playlist modes • library management • tone, volume and EQ audio settings • **4 x 45 W Hi-Fi speaker output** • 3.5 mm AUX input for portable devices • 4 x RCA ports for connecting amplifiers or subwoofers • remote control (CR2025, 3 V button battery, included) *For telephones with Android 4.0.3 or newer, connected wirelessly, after the installation of an English-language application (the services available depend on the telephone, its settings, and your region)

VB 2300

SMART CAR AUDIO AND MP3/WMA/FLAC/APE/WAV PLAYER



4 x 45 W



• **functions that can be extended with an application to be installed*** • the phone becomes an extended display for the radio • a fully-equipped radio without a smartphone • FM / BT / USB / microSD / AUX • wireless BT connection • listen to music from mobile phone • **phone calls without touching the phone** • ringtone and conversation through the car speakers • **caller number display on the screen** • reject / answer / end call / call last number • excellent readability of the white text display • 18x FM radio memory • manual or automatic station search and storage • different programme number playback modes • directory management, ID3Tag **text information** • tone, loudness and USER EQ sound settings • display of the exact time at the touch of a button • **separate USB socket for charging** • 4 x 45W Hi-Fi speaker output • 3.5 mm AUX input for portable devices • 4 x RCA sockets (amplifier or active subwoofer) • remote control (CR2025, 3V button cell, included)

*Android 4.3 and iOS 8.0 or later, connected without cable after installing an English-language app (available services may vary by phone, settings and region)

VBT 1100/BL, RD CAR RADIO AND MP3/WMA PLAYER



4 x 45 W



VBT 1100/BL

blue LED display and blue button lighting

VBT 1100/RD

red LED display and red button lighting

• **BT / FM / MP3 / WMA / USB / SD / AUX** • wireless **BT connection** • listen to music from your mobile • control your mobile phone's music player • **built-in sensitive microphone** • make calls without touching your phone • ringtone and conversation via the car speakers • **calling number shown on the display** • when you have a call, the radio turns on and switches to BT mode • answer / end / call back • **the current time displays** when the unit is turned off • 18 FM memory, manual and automatic tuning • song info, repeat, random play • control and move between directories • bass/treble, loudness and EQ sound settings • tilting protective cover over the USB socket • **4 x 45 W Hi-Fi speaker out** • 3,5 mm AUX input for portable devices • 4 x RCA socket for connecting an amplifier or active subwoofer • remote control (CR2025, 3 V button cell included)



BS 10/A CAR SUBWOOFER CABINET **200 W**

Built-in amplifier, adjustable crossover

Subwoofer: • Ø250 mm, polypropylene cone • P_m/P_n : 200 / 150 W • Z: 4 Ohm • massive, dynamic-bass construction • smaller-than-usual space requirement • dimensions: 340 x 310 x 280 mm

Built-in amplifier: • 100 W power output • adjustable crossover: 35 - 200 Hz • frequency range: 20 - 35 Hz / 20 - 200 Hz • low level and high level inputs • can be connected to any kind of car radios • remote controlled on/off switching



BS 10 CAR SUBWOOFER CABINET **150 W**

• P_m/P_n : 150/100 Watt • subwoofer: Ø250 mm • Z: 4 Ohm • f: 35-3.500 Hz • PP cone • dynamic-bass construction • clip-on wire connector • **extremely thin design** • resistant to external impact, arced corner • dimensions: 355 x 300 x 180 mm



SA 143 REAR CAMERA

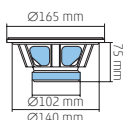
- you can park easier, faster and safer
- it can save life, avoid accidents and damage
- you can see children, animals and small objects behind the vehicle
- **universally mountable on most vehicles**
- suitable for connecting with the car radio or connecting with an independent monitor
- **in case of reversing the camera's image is automatically displayed** on the car radio's screen if it is prepared for it
- **colorful auxiliary figure displayed on the screen to support reversing**
- accessory **approx. 6 m video connecting cable** and power cable
- Ø18 x 21 mm



	BS 10/A	BS 10
speaker size	Ø250 mm	Ø250 mm
cone	polypropylene	polypropylene
loadability	200 / 150 W	150 / 100 W
impedance	4 Ohm	4 Ohm
built-in amplifier	✓	-
power output	100 W	-
adjustable crossover	35 - 200 Hz	-
frequency-range	20-35 Hz / 20-200 Hz	35 - 3500 Hz
2-way speaker mode	-	-
low level input	✓	-
high level input	✓	✓
controllable on/off switch	✓	-
protective grid	-	-
construction	closed speaker box	closed speaker box
dimensions	340 x 310 x 280 mm	355 x 300 x 180 mm

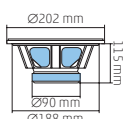
AHX 1620/BK SUBWOOFER **60 W**

- kevlar cone, 4 Ohm
- P_m/P_n : 60/40 W
- f_m/f_n : 50 - 7000 Hz
- SPL_{1W/1m}: 88 dB
- voice coil: 1", 2 layers
- voice coil material: ALU
- magnet weight: 20 Oz



AHX 2030/BK SUBWOOFER **120 W**

- kevlar cone, 4 Ohm
- P_m/P_n : 120/80 W
- f_m/f_n : 40 - 4000 Hz
- SPL_{1W/1m}: 88 dB
- voice coil: 1,5", 4 layers
- voice coil material: ALU
- magnet weight: 30 Oz





CX 404

2-WAY CAR SPEAKER PAIR

110 W

- midrange: Ø100 mm PP cone
- tweeter: Ø30 mm mylar dome
- **loadability: 110 W** (2 x 55 W max.)
- frequency range: 55 - 20000 Hz
- sensitivity: 88 dB
- impedance: 4 Ohm



CX 504

2-WAY CAR SPEAKER PAIR

150 W

- midrange: Ø130 mm PP cone
- tweeter: Ø30 mm mylar dome
- **loadability: 150 W** (2 x 75 W max.)
- frequency range: 50 - 20000 Hz
- sensitivity: 89 dB
- impedance: 4 Ohm



CX 604

2-WAY CAR SPEAKER PAIR

200 W

- midrange: Ø165 mm PP cone
- tweeter: Ø35 mm mylar dome
- **loadability: 200 W** (2 x 100 W max.)
- frequency range: 45 - 20000 Hz
- sensitivity: 90 dB
- impedance: 4 Ohm



WRX 310

CAR SPEAKER PAIR

140 W

- **3 way**, 4 Ohm
- bass: Ø100 mm PEI cone
- midrange: Ø30 mm mylar dome
- tweeter: Ø15 mm piezo
- **loadability: 140 W** (2 x 70 W max.)
- frequency range: 60 - 20000 Hz
- sensitivity: 86 dB
- aluminium casting basket



WRX 313

CAR SPEAKER PAIR

180 W

- **3 way**, 4 Ohm
- bass: Ø130 mm PEI cone
- midrange: Ø30 mm mylar dome
- tweeter: Ø15 mm piezo
- **loadability: 180 W** (2 x 90 W max.)
- frequency range: 50 - 20000 Hz
- sensitivity: 87 dB
- aluminium casting basket



WRX 316

CAR SPEAKER PAIR

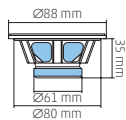
220 W

- **3 way**, 4 Ohm
- bass: Ø165 mm PEI cone
- midrange: Ø30 mm mylar dome
- tweeter: Ø15 mm piezo
- **loadability: 220 W** (2 x 110 W max.)
- frequency range: 45 - 20000 Hz
- sensitivity: 88 dB
- aluminium casting basket



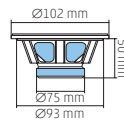
BK 087 CAR SPEAKER PAIR **70 W**

- dual cone, 4 Ohm
- midrange speaker: Ø87 mm cellulose cone
- tweeter: PEI cone
- **loadability: 70 W** (2 x 35 W max.)
- frequency range: 75 - 18500 Hz
- sensitivity: 85 dB



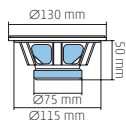
BK 100 CAR SPEAKER PAIR **90 W**

- dual cone, 4 Ohm
- midrange speaker: Ø100 mm cellulose cone
- tweeter: PEI cone
- **loadability: 90 W** (2 x 45 W max.)
- frequency range: 55 - 19000 Hz
- sensitivity: 85 dB



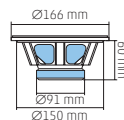
BK 130 CAR SPEAKER PAIR **100 W**

- dual cone, 4 Ohm
- midrange speaker: Ø130 mm cellulose cone
- tweeter: PEI cone
- **loadability: 100 W** (2 x 50 W max.)
- frequency range: 50 - 19000 Hz
- sensitivity: 86 dB



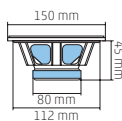
BK 165 CAR SPEAKER PAIR **150 W**

- dual cone, 4 Ohm
- midrange speaker: Ø165 mm cellulose cone
- tweeter: PEI cone
- **loadability: 150 W** (2 x 75 W max.)
- frequency range: 45 - 19000 Hz
- sensitivity: 86 dB



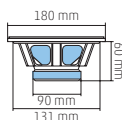
MRPX 2-130 WATERPROOF SPEAKER PAIR **100 W**

- 2 way, coaxial, 4 Ohm
- polypropylene **waterproof cone**
- Ø30 mm dome tweeter
- **loadability: 100 W** (2 x 50 W)
- frequency range: 50 - 20000 Hz
- sensitivity: 86 dB
- ideal for use in damp, humid conditions: infra sauna, swimming pool, bathroom, patio, camping car, ship



MRPX 2-165 WATERPROOF SPEAKER PAIR **150 W**

- 2 way, coaxial, 4 Ohm
- polypropylene **waterproof cone**
- Ø30 mm dome tweeter
- **loadability: 150 W** (2 x 75 W)
- frequency range: 50-20.000 Hz
- sensitivity: 87 dB
- ideal for use in damp, humid conditions: infra sauna, swimming pool, bathroom, patio, camping car, ship



SA 333

CAR HI-FI CABLE SET

- total 42-piece set
- **1000 W / 80 A / 20 mm²**
- OFC Hi-Fi stereo audio cable
- premium quality, extra flexible
- complete solution for secure connection of power supply and head unit
- for connecting active subwoofers, sound cabinets, subtubes, amplifiers



Contents of the package:

Power cable, blue, +12V	4GA / 20 mm ² - 5,2 m / Ø9,6 mm
GND cable, black	4GA / 20 mm ² - 0,9 m / Ø9,6 mm
Speaker wire, blue-black	18GA / 0,75 mm ² - 6,1 m / Ø3,0 mm
Stereo audio cable, blue	2 x RCA - 2 x RCA / 5,2 m / Ø4,0 mm
Remote cable, blue, +12V	5,2 m / Ø2,5 mm
Fuse holder, fuse	80 Amper AGU fuse (10 x 38 mm)
Flexible black tubing	4GA / 1,2 m / Ø13 mm
Ring terminal	2 x Ø8,2 mm / M8

Forked terminal	2 x Ø5,2 mm / M5
Forked terminal	5 x Ø4,2 mm / M4
Flat terminal	4 x 7,5 mm
Insulation for power cable	2x Black + 2x Blue
Insulation for forked terminal	2x Black + 3x Blue
Insulation for flat terminal	2x Black + 2x Blue
Cable tie, black	8 x 150 mm



HV 623

3-WAY CROSSOVER

- **max. 200 W**
- crossover frequency: 700/5000 Hz
- crossover filter: 6 dB/octave
- **gilded terminals blocks**
- dimensions: 65 x 35 x 120 mm



HV 621

2-WAY CROSSOVER

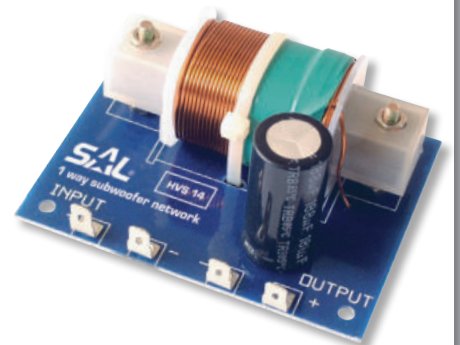
- **max. 200 W**
- crossover frequency: 2500 Hz
- crossover filter: 6 dB/octave
- **gilded terminals blocks**
- dimensions: 65 x 35 x 120 mm



HVS 14

CROSSOVER, SUB

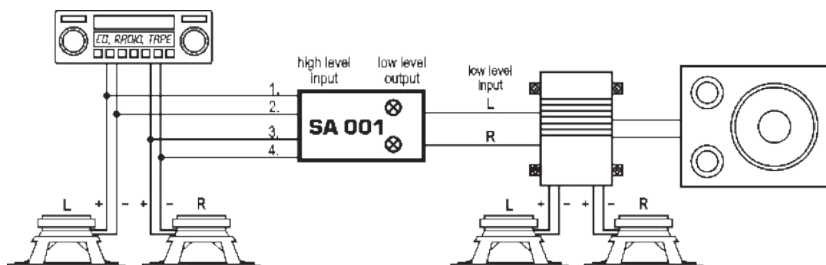
- **max. 300 W**
- cutting frequency: 120 Hz / 4 Ohm
- crossover filter: 12 dB/octave
- **for subwoofers**
- dimensions: 70 x 45 x 90 mm



SA 001

HIGH-LOW LEVEL CONVERTER, STEREO

- makes connection available for amplifiers with such car radios, which are not equipped with connector for that purpose
- **convert speaker output to RCA socket**
- **adjustable volume per channel**
- **max. 2 x 50 W input power**
- frequency range: 20 - 25000 Hz
- max. attenuation: 60 dB
- output impedance: 10 kOhm
- dimensions: 90 x 65 x 27 mm



BTRC 30

WIRELESS BT ADAPTER

- **EXPANDS YOUR DEVICES WITH WIRELESS VOICE TRANSMISSION FUNCTION**
- can be switched between BT transmitter or receiver
- wireless stereo music playback, (BT 5.0, ~10 m)
- audio input and output: Ø3,5 mm stereo socket
- **automatic reconnection**
- accessory 3,5 mm/3,5 mm audio cable, (~1,0 m)
- power supply: USB 5 V
- **application examples:** BT transmitter: TV, computer, multimedia player, HiFi equipment, BT receiver: car radio, headphone, HiFi equipment, amplifier, active soundbox
- dimensions: 20 x 33 x 10 mm



FMBT HIFI

CAR SPEAKERPHONE AND CHARGER



5in1: **BT handsfree + FM modulator + dual USB charger + music player + car voltmeter** • large 1.8" colour display • true 19 band **spectrum analyser** • retro Hi-Tech design, **true HiFi sound** • quality D/A converter and noise filter • built-in "ground loop" noise filter • 7 EQ modes and treble/bass control • music playback and phone calls via the car radio • phone calls without touching the phone • answering or rejecting calls, dialling numbers • control of libraries and programs • **text track information** • clear **multilingual menu** (EN, HU, SK, RO) • announcement and display of calling numbers (English) • microSD and 3.5 mm LINE OUT sockets • **dual USB charger: QC3.0 + 5V/1.0 A (23 W)** • checking the condition of your car battery • suitable for vehicles with 12/24 V battery



FMBT MIC

CAR SPEAKERPHONE AND CHARGER



CAN BE PLACED ON THE DASHBOARD, WITH PROFESSIONAL MICROPHONE • 5in1: **BT handsfree + FM transmitter + double USB fast charger + music player + battery voltmeter** • listen to music and make phone calls on the car radio • can be placed on the dashboard, **professional microphone, with ~60 cm tangle-free cable** and control button • telephone conversation without touching the phone • answer or reject incoming calls, dial call number • scroll to next track, remote control the music player • activate voice assistant (Siri/Google Assistant) • **voice announcement of caller ID** (English) • double USB fast charger: 2,4 A + 1,0 A • **measures the vehicle battery voltage** • you can check the condition of the car battery • can be used in 12/24 V vehicles



FMBT 18RGB

CAR HANDSFREE AND CHARGER



• CAN BE PLACED ON THE DASHBOARD, WITH PROFESSIONAL MICROPHONE • 5in1: **BT handsfree + FM modulator + double USB fast charger + music player + battery Voltmeter** • listening to music and making calls on the car radio • phone conversation without touching the phone • call reception, rejection, dialing a phone number • phone number announcement (in English) • moving program tracks, remote control of music player • **bass boost button** • music playback: BT+USB+microSD (max. 32GB) • activate voice assistant (Siri/Google/Bixby) • **double USB fast charger: 2.4A + QC3.0** • measures the voltage of the vehicle's battery • you can check the condition of the car battery • **RGB lighting effects** (can be turned off) • convenient handling with a rotary knob • suitable for vehicles with 12/24 V battery



FMBT 280

CAR HANDSFREE AND CHARGER



- **BT speakerphone**
- BT music playing
- playing MP3/WMA files from USB/microSD data sources (max. 32 GB)
- **USB telephone quick charger, 5 V/ 1 A max.**
- answering calls, disconnecting calls, cancelling calls, re-calls without touching the phone
- automatic re-connection to the phone
- frequency, track number, elapsed time, volume and BT modes indication on the display
- **built-in microphone**
- EQ sound settings
- direct track selection
- announcement by switching operation modes
- track- and frequency memory
- tiltable control surface
- **accessory: remote controller** (1 x 3 V (CR2025) button cell, included)



FMBT 172

CAR HANDSFREE AND CHARGER



• **BT speakerphone** • BT music playback • playing MP3 files from microSD data sources (max. 32 GB) • **USB telephone quick charger, 5 V/ 2,5 A max.** • **car voltmeter (5-24 V)**; you can see if the power of the car battery is low • stereo audio input, Ø3,5 mm • answering calls, disconnecting and rejecting calls, re-calls without touching the phone • automatic re-connection to the phone • Voltmeter, frequency, track number, volume and BT modes on the display • **built-in microphone** • excellent sound quality (CVC, NR, Full Duplex, DSP) • announcement of mode changing • track- and frequency memory • Ø3,5 mm audio connecting cable included



FMT 104

FM MODULATOR AND CHARGER

- wireless connection with any kind of car radio
- playing MP3/WMA files from USB/microSD data sources
- repeating and random playback programmes
- **handling folders**
- EQ sound settings
- track- and frequency memory
- **mobile phone charger socket (500 mA)**
- tiltable control panel
- remote controller, AUX cable



SABT 31

BT EARPHONE WITH CAR CHARGER



ALWAYS AT HAND, IDEAL FOR PRIVATE CONVERSATION WHEN THERE ARE MORE PASSENGERS. YOU CAN TAKE THE EARPHONE WITH YOU WHILE SHOPPING.
• 3in1: mono **headset + USB fast charger + cigarette lighter socket** • ultra light (4 g), can be worn in the right ear • wireless BT connection • **automatic charging** • automatic reconnection • built-in microphone • **telephone conversation without touching the phone** • answer call, reject, dial a number • scroll track, remote control • voice announcement of Caller ID (English) • expected charging / operating time: ~45 minutes / ~105-140 minutes • **USB quick charger: 3,1 A max.** • cigarette lighter socket: 10 A max. • suitable for vehicles with 12/24 V battery



SA 084

FM MODULATOR

• **ideal for expanding the functions of factory built-in car radios** • you can listen to the telephone conversation on the car speakers using the phone's microphone • **stereo music playback from mobile and other devices (Ø3,5 mm with plug)** • lit LCD display, **built-in accumulator** • expected operation time with one charge: 2-4 hours • it can be operated continuously with continuous power supply • FM frequency band: 88,1 - 107,9 MHz • USB-microUSB charger cable (~ 50 cm) included • power supply / dimensions: 5 V- / 60 x 22 x 11 mm



Car accessories

SAI 1000TS, SAI 500TS PURE SINUSOIDAL VOLTAGE TRANSFORMER

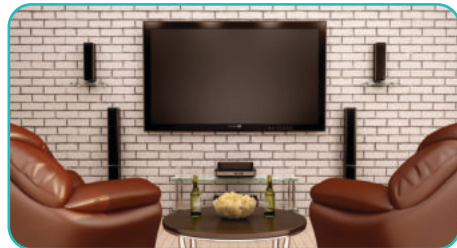
It produces **pure sinusoidal** mains voltage, where 12V— is available

- 12V → 230V~ AC (50 Hz) inverter
- **ideal for both motor driven and sensitive equipment**
- recommended for use with heating circulation pumps
- useful companion on trips, while traveling
- use in vehicles, on boats, at campsites
- **USB quick charger socket** (5V / 2.1A)
- overload protection
- overheating protection
- surge protection
- short circuit protection
- battery discharge protection
- child lock in the mains socket
- intended for connection to and installation next to a battery



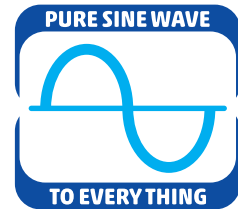
SAI 1000TS

- **1000 W continuous load capacity**
- 2000 W peak load capacity
- DC cable: 2 x 8AWG (8,4 mm²) / ~55 cm
- dimensions: 150 x 77 x 375 mm / 2,4 kg



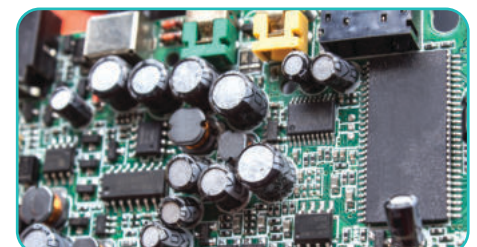
SAI 1000TS

- **500 W continuous load capacity**
- 1000 W peak load capacity
- DC cable: 2 + 2 x 10AWG (5,3 mm²) / ~55 cm
- dimensions: 120 x 57 x 260 mm / 0,95 kg



It is recommended for all devices, especially the sensitive ones:

- LED TV • brushless motors • washing machines • sewing machines • laser printers • copiers • thyristor driven and SCR controlled products • fluorescent light sources with electronic ballast • some digital watches • microprocessor controlled equipment • some chargers for hand tools and laptops • inverter equipment • control electronics



SAI 2000USB VOLTAGE INVERTER

• makes supply voltage, if 12 V^{DC} is available • 12 V^{DC} → 230 V~ AC (50 Hz) inverter • useful friend on trips, during travel • can be used in a vehicle, ship, camping • overload protection • overheat protection • short circuit protection • secondary battery depletion protection • child safety in mains socket • USB charging socket (5 V / 500 mA max.)

- 1000 Watt continuous load capacity
- 2000 Watt peak load capacity



SAI 1000USB VOLTAGE INVERTER

• makes supply voltage, if 12 V^{DC} is available • 12 V^{DC} → 230 V~ AC (50 Hz) inverter • useful friend on trips, during travel • can be used in a vehicle, ship, camping • overload protection • overheat protection • short circuit protection • secondary battery depletion protection • child safety in mains socket • USB charging socket (5 V / 500 mA max.)

- 500 Watt continuous load capacity
- 1000 Watt peak load capacity



SAI 600USB VOLTAGE INVERTER

• makes supply voltage, if 12 V^{DC} is available • 12 V^{DC} → 230 V~ AC (50 Hz) inverter • useful friend on trips, during travel • can be used in a vehicle, ship, camping • overload protection • overheat protection • short circuit protection • secondary battery depletion protection • child safety in mains socket • USB charging socket (5 V / 500 mA max.)

- 300 Watt continuous load capacity
- 600 Watt peak load capacity



SMC 38 SMART CHARGER

WIDELY APPLICABLE AUTOMATIC CHARGER. 6 - 12 Volt / 1,2 - 120 Ah / 0,8 - 3,8 A • for car, motor, ship, machinery accumulator • for traditional lead-acid accumulators and maintenance-free gel or glass fibertypes • 5-stage automatic SMART charging program • multi-level, constant current, gentle charging • automatic, impulsive sulfate-decontamination • may regenerate old accumulators • with changeable charger-plug (tweezers or ring terminal) • LCD display with Voltmeter and blue backlight • protected against reversed polarity • protected against short circuit • overcharge protection • protected against faulty accumulator • power supply: with mains connection cable • dimensions: 185 x 47 x 70 mm



5 SMART PROGRAMS - FULL AUTOMATIC

1 LOW VOLTAGE 6 V/0,8 A max. 7,3 V	2 LOW CURRENT 12 V/0,8 A max. 14,4 V	3 HIGH CURRENT 12 V/3,8 A max. 14,4 V	4 WINTER CHARGING 12 V/3,8 A max. 14,7 V	5 4-STEP CHARGING 0,8/3,8/3,0/0,8 A max. 14,7 V	6 MAINTNANCE CHARGING 0,2 A max. 14,4 V
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SAU 96

**HIGH CAPACITY
CAR USB CHARGER**

- extra fast USB charger
- 4 high performance outputs
- ideal also for the rear seat travellers
- useable in 12-24 V vehicles
- USB: 4 x 2,4 A (5 V / 9,6 A / 48 W max.)
- 180 cm wire



3.100110

USB CAR CHARGER

Triple USB Car Charger Micro USB Connector

- simultaneously useable for 3 appliances
- it has 2 USB sockets and a pull-out micro-USB connector
- useable in 12-24 V vehicles
- input: 12-24 V
- output: 5 V = / 3.1 A (shared)



q2power™
ENERGY WORLDWIDE



3.100130

USB CAR CHARGER

Triple USB Car Charger USB type C Connector

- simultaneously useable for 3 appliances
- it has 2 USB sockets, and a pull-out USB-C connector
- useable in 12-24 V vehicles
- input: 12-24 V
- output: 5 V = / 3.1 A (shared)



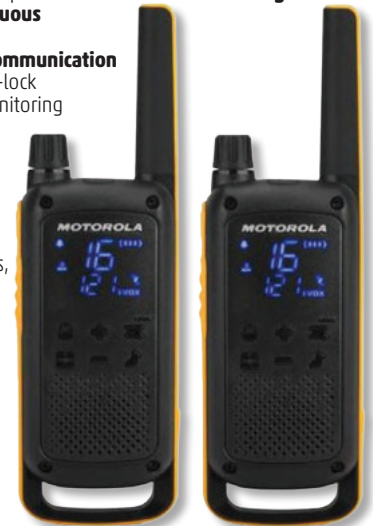
q2power™
ENERGY WORLDWIDE



TLKR T82 EXTREME

WALKIE-TALKIE, 10 KM

- 16 main channels and 121 subchannels • max. 10 km range • can be used without PMR446 transceiver-license • LED lamp • weather-resistant IPX4 design • hidden display • VOX - handsfree use, continuous communication with earpiece
- iVOX- handsfree use, continuous communication without earpiece • automatic noise lock
- alarm button • double channel-monitoring
- 20-type calling voice • vibration
- power: 0,5 W • box content: 2 T82 Extreme transceivers, 2 rechargeable NiMH accumulators, 800 mAh - even 18 hours lifetime, 2 belt clips, 1 Mains charger with 2 micro USB plugs, 2 neckbands, 2 earpieces, instruction manual, 1 black carrying case, personalization stickers (16 pcs)



TLKR T62

WALKIE-TALKIE, 8 KM

- 16 PMR channels, 121 channels
- max. 8 km range
- "Roger" sound
- accu state indication
- channel surveillance
- keypad lock
- 16 hours operation time
- power supply: 2 pcs rechargeable NI-MH accumulators (3,6 V, 800 mA), or 3 x 1,5 V (AA) (LR6) batteries, not included
- color: red
- contents of the set: 2 pcs TLKR T62 appliances, 2 pcs belt clips, AC adapter, 2 pcs rechargeable NI-MH, accumulators (3,6 V, 800 mA), 16 pcs stickers



TLKR T42

WALKIE-TALKIE, 4 KM

- 16 PMR channels
- max. 4 km range
- 1 calling tone
- "Roger" tone
- battery status indicator
- keypad lock
- 16 hours operating time
- power supply: 3 x AA (LR6)
- contents of the set: 2 pcs transceivers, 2 pcs belt clips (blue, red)



SAU 24MU

CAR CHARGER 2IN1

- for charging two devices simultaneously
- **USB socket + microUSB plug on a spiral cord**
- LED indicating operation
- 5 V/2.4 A total capacity
- useable in 12-24 V vehicles



SAU 24C

CAR CHARGER 2IN1

- for charging two devices simultaneously
- **USB socket + USB-C plug on a spiral cord**
- LED indicating operation
- 5 V/2.4 A total capacity
- useable in 12-24 V vehicles



SA 062

CAR MOBILE HOLDER

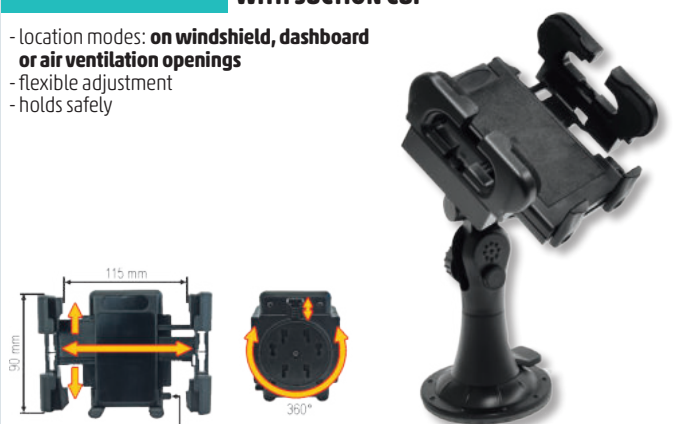
- 2in1: **mobile phone holder and package hanger** • can be attached to the bar of the headrest and rotated • the attached package can be behind or in front of the seat back • ideal for storing bags, umbrellas, drinks and food • **practical phone holder for rear passengers** • children can comfortably watch movies
- adults can see when they receive a message • size of the support bar: 10-16 mm • max. width of the phone: ~ 85 mm
- **load capacity of the hanger: 4-10 kg** (depending on the position of the buckle)



SA 024

UNIVERSAL HOLDER FOR CAR, WITH SUCTION CUP

- location modes: **on windshield, dashboard or air ventilation openings**
- flexible adjustment
- holds safely



SA 023

DISTRIBUTOR FOR CIGARETTE LIGHTER

- **for operation of 4 devices at the same time**
- LED indicator, 70 cm cable
- can be stuck with double-sided adhesive tape
- input: 12 V $\overline{\text{---}}$
- **output: 3 x 12 V $\overline{\text{---}}$ / max. 5 A**
- **USB output: 5 V/max. 1000 mA**



SA 022

DISTRIBUTOR FOR CIGARETTE LIGHTER

- for operation of 2 devices at the same time
- LED indicator
- input: 12 V $\overline{\text{---}}$
- **output: 2 x 12 V $\overline{\text{---}}$ / max. 5 A**



SA 144

CAR CHARGER/EXTENSION CORD, 3,6 M

- **12 V - 10 Amax. / USB 5 V - 2,4 Amax. / ~3,6 m / AWG18-2x0,82 mm² / Ø6 mm**
- 2in1: 12 V extensions cord and **USB fast charger**
- for the rear passengers to charge the telephone or for the refrigerator placed in the trunk
- **screw-on bracket for socket, with quick release**
- blue LED indicator light, rubber dust cover
- fuse in the plug (F15 A / Ø6x30 mm)



94838

EXTENDING CABLE FOR CIGARETTE LIGHTER

- spiral wire
- red LED indicator light
- **12-24 V $\overline{\text{---}}$**
- 10 A fuse
- **length: approx. 4 m**



91998

CIGARETTE LIGHTER PLUG

- with fuse holder and F 8A (Ø5 x 20 mm) fuse
- with built-in lighting toggle switch
- **12-24 V use, to be soldered**
- switches on or off and protect your devices



WS 20

CIGARETTE LIGHTER PLUG

- **with** fuse holder and F 3A (Ø6 x 30 mm) fuse
- 12 V $\overline{=}$



WS 11

CIGARETTE LIGHTER SOCKET

- ideal for extending cables
- suitable for car vacuum-cleaner, cooler-box
- 12 V $\overline{=}$



90762

TRAILER SWIVEL CONNECTOR

- 7 poles, cable strain relief
- Voltage: 12 V $\overline{=}$



90779

TRAILER CONNECTOR SOCKET

- 7 poles, with spring protective lid
- Ø70 mm
- Voltage: 12 V $\overline{=}$



SS 1116/N; SS 1116/P

CAR BATTERY CONNECTOR

- for positive pole (P)
- for negative pole (N)
- output: 2 x 10 mm² + M8 screw with Ø16 mm washer
- titanium, with gold plated screw



ISO 2

ISO CONNECTOR PAIR FOR CAR RADIO

- for connecting speakers and power supply
- with 15 cm long, labelled wire



SA-FISO 028

ISO SPEAKER CONNECTOR PLUG

- only for speakers
- with 15 cm long, labelled wire



SA-FISO 027

ISO POWER SUPPLY PLUG

- only for providing supply
- with 15 cm long, labelled wire



SA-FISO 022

ISO CABLE EXTENSION

- extension
- ISO plug - ISO socket
- power supply / 4 speakers



90304

CAR COMPRESSOR

- air pressure: max. 18 bar, 250 PSI
- motor current consumption: 10 A
- 3 nozzle adapters
- cable length: 2,5 m
- power supply: 12 V---



90717

FOOT PUMP WITH 3 VALVES

- with 1+2 valve adapter
- air pressure measuring up to 7 bar
- application fields: car-, motor-, bicycle tire; rubber boat, air mattress, balls...



91769

AIR PRESSURE MEASURER FOR TIRES

- durable, massive, metal housing
- measuring range: 0,5-7,5 bar



97242

STARTER CABLE

- max. 600 A / 12-24 V
- 4,0 m / 6,00 mm²
- 99% quality copper
- practical carrying case



VST 01

STEERING WHEEL TRAY

- double-sided design: laptop holder and food tray in one
- lightweight and portable design
- mounting without tools
- maximum load: 5 kg
- cup holder size: Ø75 mm
- dimensions: 420 x 280 x 22 mm



90205

HEATED SEAT PROTECTOR

- adjustable heating; 2-stages
- with elastic straps and with accessory hooks can be fixed quickly
- can be connected into a 12 V cigarette lighter
- 440 x 400/440 x 440 mm, quilted



SA-ANTCS 008

CAR ANTENNA ADAPTER

- DIN
- phantom power



SA-ANTCS 004

CAR ANTENNA EXTENSION

- DIN socket - DIN plug
- 1,0 m



SA-ANTCS 001

CAR ANTENNA ADAPTER

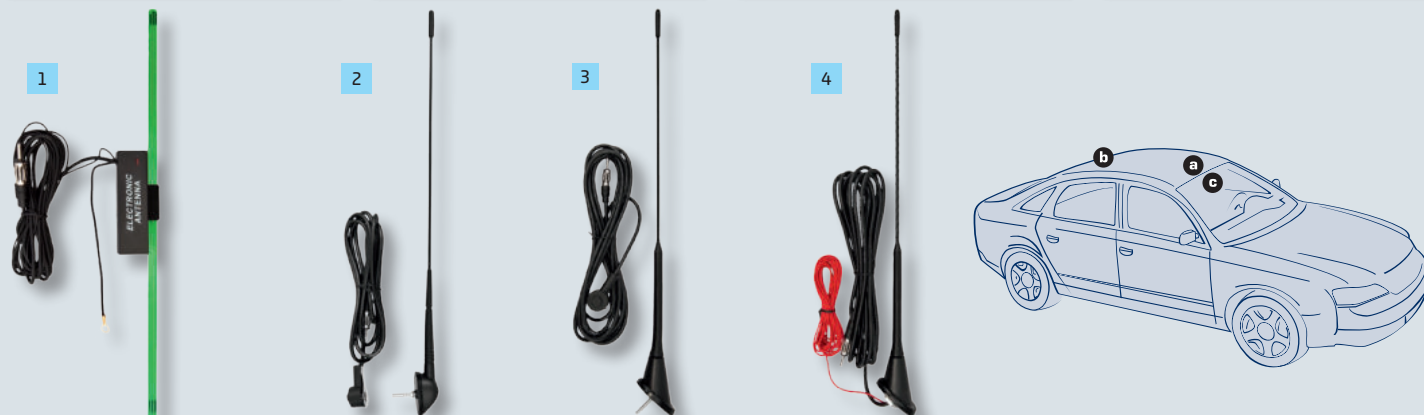
- ISO plug to DIN plug



SA-ANTCS 002

CAR ANTENNA ADAPTER

- DIN plug to ISO plug



pict.	type	denomination	technical parameters	location on the vehicle
1	91110	Car antenna with amplifier	inner antenna, can be stuck to the windshield, with adhesive fixing, with built-in amplifier (12 V), 340 x 9 mm stripe, DIN connector and plug, 1,9 m cable	c
2	90557	Car antenna to the top	drop-shape base, Ø5 mm screw, 440 mm/ tiltable 0 -45°, rubber coated, DIN plug, 2 m cable	a, b
3	90595	Car antenna to the top	oval base (VW Golf), Ø5 mm screw, 400 mm/ 52 ° fixed tilt-angle, rubber coated, DIN plug, 3 m cable	a, b
4	93220	Car antenna with amplifier to the top	oval base (VW Golf), Ø5 mm screw, with built in amplifier (12 V), 400 mm/ 52 ° fixed tilt-angle, rubber coated, DIN plug, 3 m cable	a, b

Measuring technology

SMA 19

PROFESSIONAL MULTIMETER

- automatic measuring limit changing
- **touchless phase search**
- **backlight**
- **accessory measuring cord**



SMA 64

DIGITAL MULTIMETER

- measurement of direct current, alternating current, AC/DC, resistance, temperature
- **accessories: measuring cord, transistor tester socket, temperature measurer probe, 1 x 9 V (6F22) battery**



SMA 92

DIGITAL MULTIMETER

- measurement of direct current, alternating current, AC/DC, resistance, frequency
- **automatic changing in measuring limits**
- **background light**
- **accessories: measuring cord, 1 x 9 V (6F22) battery**



SMA 830

DIGITAL MULTIMETER

- measurement of direct current, alternating current, AC, resistance
- measured value recording
- **accessories: measuring cord, 1 x 9 V (6F22) battery**



SMA SMART2 SMART MULTIMETER

- large, **illuminated display**
- rear **LED flashlight**
- flat, compact design
- intelligent SMART identification and manual functions
- **TRUE RMS**: true effective measurement for any waveform
- conventional electrical measurements (C/DC V-A-Ω...)
- **non-contact voltage tester**
- **phase detection function**
- **detection of the quantity to be measured**
- **automatic measurement limit switching**
- warning of fuse blowing
- indication that the measuring lead is correctly connected
- recording of the measured value
- automatic switch-off (can be disabled)
- removable protective cover
- power supply: 2 x 3 V (CR2032) batteries, not included
- accessories: measuring leads, protective cover
- dimensions: 67 x 133 x 18 mm / 130 g



VC 830L DIGITAL MULTIMETER

- measurement of direct current, alternating current, AC, resistance
- **background light**
- recording measured values
- accessories: measuring cord, 1 x 9 V (6F22) battery



SMA 2101 AC/DC CLAMP METER

- measurement of direct current, alternating current, AC/DC resistance, frequency
- accessories: measuring cord, protective case, 3 x 1,5 V (AAA) batteries



M 266AC AC CLAMP METER

- measurement of direct current, alternating current, DC, resistance
- accessories: measuring cord, protective case, 1 x 9 V (6F22) batteries

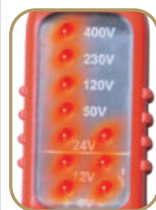


	SMA 19	SMA 64	SMA 92	SMA 830	SMA SMART2	VC 830L	SMA 2101	M 266AC
DC voltage	600 mV / 6 V / 60 V / 600 V / 1000 V	200 mV / 2 V / 20 V / 200 V / 1000 V	200 mV / 2 V / 20 V / 200 V / 600 V	200 mV / 2 V / 20 V / 200 V / 600 V	2V / 20V / 200 V / 600 V	200 mV / 2 V / 20 V / 200 V / 600 V	400 mV / 4 V / 40 V / 400 V / 600 V	1000 V
AC voltage	6 V / 60 V / 600 V / 750 V	2V / 20V / 200V / 750 V	2V / 20V / 200V / 600 V	200V / 600 V	2V / 20V / 200 V / 600 V	200V / 600 V	4V / 40 V / 400 V / 600 V	750 V
DC (direct current)	60 μA / 600 μA / 6 mA / 60 mA / 600 mA / 10 A	2 mA / 20 mA / 200 mA / 10 A	200 μA / 2 mA / 20 mA / 200 mA / 10 A	20 μA / 200 μA / 2 mA / 20 mA / 200 mA / 10 A	20 mA / 200 mA / 600 mA	20 μA / 200 μA / 2 mA / 20 mA / 200 mA / 10 A	40 A / 400 A	-
AC (alternate current)	60 μA / 600 μA / 6 mA / 60 mA / 600 mA / 10 A	20 mA / 200 mA / 10 A	200 μA / 2 mA / 20 mA / 200 mA / 10 A	-	20 mA / 200 mA / 600 mA	-	40 A / 400 A	200 A / 1000 A
resistance	600 Ω / 6 kΩ / 60 kΩ / 600 kΩ / 6 MΩ / 60 MΩ	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ / 20 MΩ / 200 MΩ	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ / 20 MΩ	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ / 20 MΩ	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ	400 Ω / 4 kΩ / 40 kΩ / 400 kΩ / 4 MΩ / 40 MΩ	200 Ω / 20 kΩ
capacity	6 nF / 60 nF / 600 nF / 6 μF / 60 μF / 600 μF / 6 mF / 100 mF	2 nF / 20 nF / 200 nF / 2 μF / 200 μF	-	-	-	-	40 nF / 400 nF / 4 μF / 40 μF / 400 μF / 4000 μF	-
frequency	9,999 Hz / 99,99 Hz / 999,9 Hz / 9,999 kHz / 99,99 kHz / 999,9 kHz / 9,999 MHz	20 KHz	20 KHz	-	-	-	9,999 Hz / 99,99 Hz / 999,9 Hz / 9,999 kHz / 99,99 kHz / 999,9 kHz / 9,999 MHz	-
duty cycle	5 - 95%	-	-	-	-	-	0 - 100 %	-
temperature	-20 °C ~ 1000 °C / -4 °F ~ 1832 °F	-20 °C - 1000 °C	-	-	-	-	-	-
humidity	-	-	-	-	-	-	-	-
SPL	-	-	-	-	-	-	-	-
brightness	-	-	-	-	-	-	-	-
display counter	6000	1999	1999	1999	1999	1999	4000	1999
USB connection	-	-	-	-	-	-	-	-
contactless phase searching	90-1000 V [AC] 50/60 Hz	-	-	-	+	-	-	-
diode test	0-3 V	+	+	+	+	+	+	-
tear test	≤60 Ω	+	+	+	+	+	+	+
transistor measuring	-	+	-	-	-	-	-	-
relative measuring	-	-	-	-	-	-	-	-
automatic changing in measuring limits	+	-	+	+	+	-	+	-
manual change in measuring limits	-	+	-	-	-	+	+	-
recording maximum/minimum values	-	-	+	-	-	-	+	+
recording measured values	+	+	+	+	+	+	+	+
automatic switch off	-	-	+	-	+	+	+	-
backlight	+	-	+	-	+	-	+	+
power supply	4 x 1,5 V (AA)	9 V (6F22)	9 V (6F22)	9 V (6F22)	2 x 3 V (CR2032)	9 V (6F22)	3 x 1,5 V (AAA)	1 x 9 V (6F22)
measuring categories	CAT IV 600 V, CAT III 1000 V	CAT III 600 V, CAT II 1000 V	CAT III 600 V	CAT III 600 V	CAT III 600 V	CAT II 600 V	CAT III 600 V	CAT II 1000 V, CAT III 600 V
dimensions	93 x 204 x 57 mm	93 x 188 x 50 mm	67 x 140 x 30 mm	69 x 138 x 31 mm	67 x 133 x 18 mm	73 x 140 x 30 mm	78 x 208 x 35 mm	235 x 96 x 46 mm



MVT 808ACE BIPOLAR AC/DC VOLTAGE TESTER

- for 6-400 V DC and AC voltage
- 10 LED indicators
- robust housing and cord
- equipped with switch to perform measures under 24 V
- length of connection cable: 0,6 m
- length of housing: 220 mm



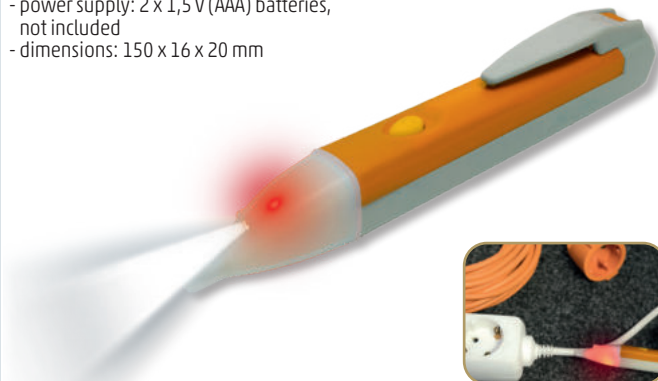
VD 44 NON-CONTACT VOLTAGE TESTER

- detects without touch (~12/48-1000V AC)
- indicates alternating voltage with a sound and a red light
- three levels of signal magnitude indication
- switchable sensitivity
- flashlight function
- automatic power-off
- battery depletion indication
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 158 x 20 x 20 mm



VD 22 NON-CONTACT VOLTAGE TESTER

- checking the presence of alternate voltage
- safe: contactless sensing (90-1000 V~)
- ideal for troubleshooting: for extension cords, power distributors, wall outlets, light strips, lamps, cables inside appliances or switchboards
- warns immediately remarkably and well sensibly
- intermittent beep and a flashing red light
- separately switchable LED lamp
- battery life-span: ca. 1,5 year standby, 6 hours use
- power supply: 2 x 1,5 V (AAA) batteries, not included
- dimensions: 150 x 16 x 20 mm



FC 20 VOLTAGE TESTER

- 200-250 V~
- phase searching with metal connection
- optical signal in case of phase result
- 190 mm total length



FC 10 VOLTAGE TESTER

- 200-250 V~
- phase searching with metal connection
- optical signal in case of phase result
- practical hanging hook
- 140 mm total length



MZ 4

PREMIUM MEASURING CORD

- professional, premium quality measuring cord
- combined touch probe with precision spring contact
- insulated end contact inside the banana plugs
- removable insulated caps
- 2 mm diameter measuring head
- 1000 V CAT III / 600 V CAT IV
- 10 A max. load
- ~135 cm long 18AWG wire



MZ 3S

TEST LEAD WITH SILICONE INSULATION

- flexible, soft, durable, comfortable to use
- combined probe tips with removable insulating caps on the pipe banana plugs (Ø4 mm)
- ~145 mm handle / 2 mm diameter measuring tip
- 1000V CAT II / 1000V CAT III / 600V CAT IV
- 10 A max. load
- ~120 cm long 20AWG wire



MZ 2M

TEST LEAD WITH PVC INSULATION

- combined probe tips with removable insulating caps on the pipe banana plugs (Ø4mm)
- ~120mm handle / 2mm diameter measuring tip
- 600V CAT II / 600V CAT III
- 10 A max. load
- ~90 cm long 22AWG wire



BD 5G/BK

BANANA PLUG

- black
- plastic
- cross-hole type
- screwable
- gold plated



BD 4/BK

BANANA PLUG

- black
- plastic
- cross-hole type
- screwable



BA 2/BK

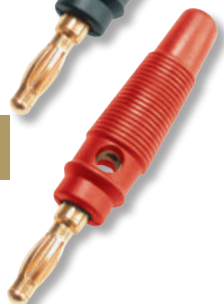
BANANA PLUG

- black
- plastic
- insulated
- solderable



BD 5G/RD

- red



BD 4/RD

- red



BA 2/RD

- red



MTP 5-25

MEASURING TAPE

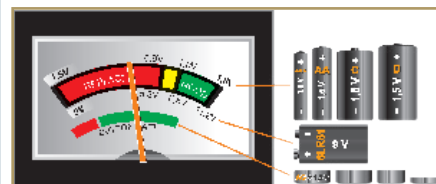
- length: 5 m
- width: 19 mm
- meter/foot scale
- rubber coated housing
- blocking function
- metal tape with hook on the end



ET 3

BATTERY TESTER

- for checking button cells, batteries and 9V accumulators
- 1,5 V/ 9 V max. (AG, AAA, AA, C, D, 6LR61)
- simple, quick handling
- load testing
- dimensions: 110 x 60 x 25 mm



Soldering technology

SMA 051

SOLDERING STATION

- with **LED display**
- 230 V~/ **48 W**
- fast heat up
- adjustable and controllable temperature (150 - 420 °C)
- 3-digit red LED display
- heat resistant silicone cable
- silicone rubber on the grip
- **replaceable soldering iron: SMA 5051T**
- **pin can be replaced without a tool**
- cleaning sponge and tray
- adjustable soldering iron holder



SMA 5051T

REPLACEABLE SOLDERING IRON



SMA 050

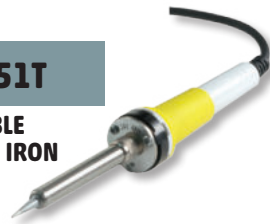
SOLDERING STATION

- 230 V~/ **48 W**
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- heat resistant silicone cable
- silicone rubber on the grip
- **replaceable soldering iron: SMA 5051T**
- **pin can be replaced without a tool**
- cleaning sponge and tray
- adjustable soldering iron holder



SMA 5051T

REPLACEABLE SOLDERING IRON



FPL 80W

TEMPERATURE CONTROLLER SOLDERING IRON

- **LCD digital display** in the handle
- **adjustable temperature (180-480 °C)**
- high power: 230 V~/ **80 W max.**
- **temperature memory**
- durable ceramic heating element
- with 1+5 nickel-plated soldering tips



FPL 80T

SOLDERING IRON TIP SET FOR THE FPL 80W SOLDERING IRON

- **5 types** of different designs for the different areas of use
- nickel-plated for **longer life**
- 5 soldering tips
- 5x ~Ø6x41 mm



PP 75

SOLDERING GUN KIT

- high quality Czech soldering gun
- **75 W** / 230 V~
- built-in LED lighting
- **contents of the case:**
5+1 soldering tips,
16 g soldering resin,
10 g soldering tin



PP 2

SOLDERING GUN

- European quality, Czech made
- **75 W** / 230 V~ / 50 Hz
- built-in LED light
- 1+5 durable,
nickel-plated copper soldering tips



SG 109

SOLDERING GUN

- **100 W** / 230 V~ / 50 Hz
- fast heat up
- **built in bulb**
- pin is replaceable without a tool



FP 80W

SOLDERING IRON

- 230 V~ / **80 W**
- length of soldering iron: 290 mm
- **accessory desk stand, good quality connection cable with strain relief**

FP 60W

- 230 V~ / **60 W**
- length of soldering iron: 270 mm

FP 30W

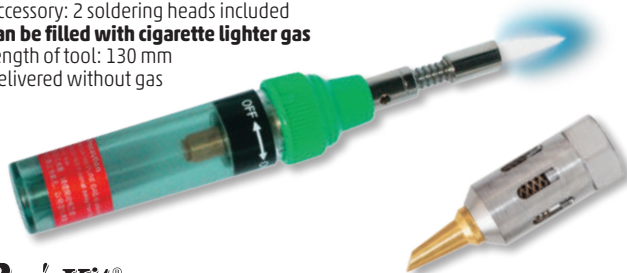
- 230 V~ / **30 W**
- length of soldering iron: 240 mm



8PK-101-2

GAS SOLDERING TOOL

- for soldering, heating, shrinking, tinning cutting
- **adjustable piercing flame**
- accessory: 2 soldering heads included
- **can be filled with cigarette lighter gas**
- length of tool: 130 mm
- delivered without gas



Pro'sKit®

8PK-366N-G

DESOLDERING PUMP

- **large suction capacity**
- **durable heat resistant, stabile Teflon tip, which is built into its slot**
- **double rubber ring**
- removable colored covering
- dimensions: Ø26 x 205 mm



Pro'sKit®

5PK-366N-T

SPARE TIP FOR DESOLDERING PUMP

- for 8PK-366N-G type
- stabile Teflon tip, built into its slot
- black tip, grey house, with sealing ring



SOLDERING GUN ACCESSORIES



pic.	type	denomination, features
1	FPH 4	Straight tip for FP 30 30 W iron, diameter: 4 mm
1	FPH 6	Straight tip for FP 60 60 W iron, diameter: 6 mm
1	FPH 7	Straight tip for FP 80 80 W iron, diameter: 7 mm
2	SMA 056	Soldering tip for SMA 051 and SMA 050 soldering stations, 0,4-0,8 mm, point head
3	SMA 057	Soldering tip for SMA 051 and SMA 050 soldering stations, 3,2 mm, flat head
3	SMA 058	Soldering tip for SMA 051 and SMA 050 soldering stations, 1,2 mm, flat head
2	SMA 059	Soldering tip for SMA 051 and SMA 050 soldering stations, 1,2 mm, point head
4	PP 75T	Soldering tip for PP 75, PP 2, PP 1, 43 mm/1,5 mm² nickel coated copper, 10 pcs/package
5	SG 109T	Spare tip for SG 109 soldering gun

SW SERIES

SOLDERING TIN

High quality soldering tin from European manufacturer!
Composition: SN / PB: 60/40%, resin: 2.0%



type	size	packing unit
SW 0,5/250	Ø0,5 mm	250 g
SW 0,8/100	Ø0,8 mm	100 g
SW 0,8/250	Ø0,8 mm	250 g
SW 0,8/500	Ø0,8 mm	500 g
SW 1/100	Ø1,0 mm	100 g
SW 1/250	Ø1,0 mm	250 g
SW 1/500	Ø1,0 mm	500 g

type	size	packing unit
SW 1,5/250	Ø1,5 mm	250 g
SW 1,5/500	Ø1,5 mm	500 g
SW 2/100	Ø2,0 mm	100 g
SW 2/250	Ø2,0 mm	250 g
SW 2/500	Ø2,0 mm	500 g
SW 3/250	Ø3,0 mm	250 g

SWCU 1/17

SOLDERING TIN-PEN

Soldering tin in pen-looking dispenser house.
Tin can be portioned quickly to the place of soldering.

Features of the tin:

- diameter: 1 mm
- Sn/Cu: 97,3%/0,5%
- resin: 2,2 %
- net weight: 17 g
- dimensions: Ø17 x 91 mm

Lead free!



SWCU 1/100

SOLDERING WIRE, 100 G

- diameter: 1 mm
 - Sn/Cu: 99,3/0,7%
 - resin: 2,5%
 - 230 - 250 °C
 - net weight: 100 g
- Lead free!



TS 500/30

SOLDERING RESIN - 30 G

Fluxing resin containing a softening agent,
for delicate electronics soldering work.
Acid-free, it does not cause corrosion when it stays on the surface.



TS 560

SOLDERING OIL - 20 ML

Slightly activated **chlorine-free** flux
for delicate electronic soldering works.



TS 570/40

SOLDERING CREAM - 40 ML

Acid-free, strong cleaning soft soldering flux.
Useable for soft soldering of copper, tin, steel
and acid-proof steel.



TS 580

THERMALLY CONDUCTIVE PASTE - 25 G

Electrically insulating, heat resistant up to 200 °C,
non-resinous, **conduction ability: 0,24-0,42 W/mK**
heat transferring paste.



GK-380B

GLUE GUN

- **15 (80) W** / 230 V~ / 50 Hz
- fast, punctual sticking
- **tilt able desktop support**
- recommended glue rod: SMA 067T



Pro'sKit®



SMA 007

GLUE GUN

- **25 (100) W** / 230 V~ / 50 Hz
- fast, punctual sticking
- 1 minute drying time
- tiltable desktop support
- 2 glue rods included
- recommended glue rod: SMA 067T



SMA 005

GLUE GUN

- mini
- **10 (30) W** / 230 V~ / 50 Hz
- fast, punctual sticking
- 1 minute drying time
- **tiltable desktop support**
- 2 glue rods included
- recommended glue rod: SMA 005T



SMA 005T

GLUE ROD

- $\varnothing 7$ mm x 100 mm
- **20 pcs x 4,5 g**
- for SMA 005 and SMA 009 glue guns



SMA 067T

GLUE ROD

- $\varnothing 11$ mm x 100 mm
- **10 pcs x 11 g**
- for SMA 008, SMA 007, SMA 006 and GK-380B glue guns



DE 418679 24-PCS TOOL SET

- for general household use
- magnetic **screwdriver**, 155mm
- 20 bit heads, according to 4 types of standards
- **combined pliers**, 165 mm
- claw **hammer**, 160 mm, 8 oz
- adjustable **wrench**, 150 mm / 20 mm
- in a plastic container box
- 280 x 45 x 185 mm / 1.2 kg



— lapos	3, 4, 5, 6, 7
⊕ Phillips	PH0, PH1, PH2, PH2, PH3
⊕ Torx	T10, T15, T20, T30, T40
● hatlapú	H2, H3, H4, H5, H6

SD-081H PRECISION SCREWDRIVER KIT

- **Apple specific** with 2 head standards (Pentalobe and Tri-point)
- iOS and Android phones and tablets
- notebook, camera, camcorder
- repair of Apple and other smartwatches
- 4 head types, **7 screwdrivers**
- plastic storage box
- Chromium-Molybdenum-Vanadium steel
- non-slip, rotating handle top: no need to lift while driving the screw
- flat: 2,0, 2,4
- Phillips: #000, #00, #0
- Tri-Point: TRIY06 (iPhone, iWatch...)
- Pentalobe: TS1 (for Apple products)



— flat	2,0; 2,4
⊕ Phillips	PH000, PH00, PH0
⊕ Tri-Point	TRIY06
● Pentalobe	TS1

Pro'sKit®

VIDEO



CSH 1 SCREWDRIVER SET FOR TECHNICIANS

- 6 pcs
- **metal**
- rotating cap for palm protection



— flat	1,4; 2; 2,4; 3
⊕ Phillips	PH0, PH1

DE 101505 SCREWDRIVER SET

- 101 pcs
- grip: ¼" size, **ratchet mechanism, reversible or fixable, magnetic, rubber coated, 150 mm long**
- 25 mm adapter
- 50 mm adapter
- magnetic extension rod: 60 mm
- „V" type bit, Cr-V bits
- practical container box



— flat	3; 4; 4,5; 5; 5,5; 6; 6,5; 7; 8
⊕ Phillips	PH0, PH1, 5 db PH2, PH3
⊕ Pz	PZ0, PZ1, 5 db PZ2, PZ3
⊕ Torx	T8, T10, T15, T20, T25, T27, T30, T40, T50
⊕ safety Torx	T8H, T10H, T15H, T20H, T25H, T27H, T30H, T35H, T40H
⊕ hexagon	1,5; 2; 2,5; 3; 4; 5; 5,5; 6; 8
⊕ hexagon	1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", ¼"
⊕ safety hexagon	2; 2,5; 3; 4; 5; 6
⊕ safety hexagon	5/64", 3/32", 7/64", 1/8", 9/64", 5/32"
⊕ square head	S0, S1, S2, S3
⊕ four-leg	6; 8; 10
⊕ three-leg	1; 2; 3; 4
⊕ forked	4; 6; 8; 10
⊕ clutch	C1, C2, C3
⊕ ribbed	M5, M6, M8

HW-230BL PROFESSIONAL ALLEN WRENCH SET

- color-coded size range for ease of use
- **extra-long tools with short and long arms**
- extremely high torque when needed
- folding and wall-mounted holder
- **head magnetizing surface** built into the holder
- **spherical head design for hard-to-access locations**
- 9 piece set: 1,5, 2,0, 2,5, 3,0, 4,0, 5,0, 6,0, 8,0, 10
- S2 stainless steel for long service life



Pro'sKit®

VIDEO



HW-229B HEX KEY SET

- 9 pcs
- **with ball point head in one end**
- long arm
- Chrome-Vanadium steel
- Complete with polyethylene holder



Pro'sKit®

⊕ hexagon-ball head:	1,5; 2; 2,5; 3; 4; 5; 6; 8; 10
----------------------	--------------------------------

8PK-8100**INSULATED SCREWDRIVER SET, 1000 V~**

- 7 pcs
- **for max. 1000 V~ voltage**
- chrome-vanadium steel
- **strongly magnetized heads**



- | | |
|------------|------------------|
| ⊖ flat | 2,5; 4; 5,5; 6,5 |
| ⊕ Phillips | PH0, PH1, PH2 |

**KOF 7****COMBINATION PLIERS**

- made from steel
- **rubberized, thickly covered handle**
- 180 mm

**KROF 1000****CROCODILE PLIERS, 1000 V~**

- steel material
- **insulated 2-component grip**
- **insulation: up to 1000 V~**
- length: 200 mm

**KOF 1000****COMBINATION PLIERS, 1000 V~**

- steel material
- **insulated 2-component grip**
- **insulation: up to 1000 V~**
- length: 170 mm

**1PK-067DS****PINCHERS**

- 165 mm - quality steel raw material
- **induction hardened cutting edge**
- finely polished exterior
- **rubberized, thickly covered handle**
- **cuts, bares**



Pro'sKit®

1PK-052DS**COMBINATION PLIERS**

- 162 mm - quality steel raw material
- precise-shaped grip
- **induction hardened cutting edge**
- **rubberized, thickly covered handle**
- **cuts, bares, presses, curves**



Pro'sKit®

1PK-037S

DIAGONAL CUTTING PLIERS

- 110 mm
- made from steel
- **hardened and tempered edges**
- roughened, PVC coating on grip
- **for cutting, stripping**



material	cutting thickness
hard steel	0,8 mm
soft steel	1,3 mm
copper	1,6 mm

Pro'sKit®

1PK-036S

LONG NOSE PLIERS

- 135 mm
- made from steel
- **hardened and tempered edges**
- roughened, PVC coating on grip
- **for cutting, stripping, fastening, bending**



material	cutting thickness
hard steel	0,8 mm
soft steel	1,3 mm
copper	1,6 mm

Pro'sKit®

PA-101

MICRO CUTTING PLIERS

- 130 mm
- hard metal edges: 65 Mn (HRC: 52°)
- **nonslip grip**
- precise cutting



Pro'sKit®

HT 109

CUTTING PLIERS

- 130 mm
- hard metal edges
- **for cutting and stripping**
- with spring mechanism



material	cutting thickness
soft steel	0,8 mm
copper	1,2 mm

CP-080E

WIRE STRIPPING TOOL

- 172 mm
- **cable stripping: 0,2 - 6 mm²**
- for cutting and stripping
- **adjustable stripping length**



Pro'sKit®

KTG 01

HAND STAPLER

For stapling cardboard, leather or fabrics to hardwood, softwood, particle board or other plywood.

- 3in1, for use with:
 - U type staple: 4 - 11 mm
 - narrow U type staple: 10-12 mm
 - T type nail: 8 - 14 mm
 - T type nail
- **accessories: 300 pcs 8 mm U type staples included**
- dimensions: 159 x 24 x 109 mm



KTG 01/T

STAPLER SET

- 200 pcs 8 mm staples
- 200 pcs 10 mm T type staples
- 200 pcs 12 mm U type staples

8PK-371D**CABLE STRIPPER AND PRESSING PLIERS**

- 210 mm
- for insulated terminals: 0,5 - 6 mm²
- for non-insulated terminals: 0,5 - 6 mm²
- **cutting wires**
- quick cable stripping: 0,2 mm² - 6 mm²
- **fixable stripping length**
- **rotary and removable stopper block**



Pro'sKit®

**6PK-230PA****PRESSING PLIERS**

- 230 mm
- hexagonal crimping for coaxial connectors
- **for 5 size of cables: 1,73/ 2,49/ 5,41/ 6,48/ 8, 15 mm**
- coaxial cables: RG 55/ 58/ 59/ 5/ 6
- with ratchet gear, automatic locking
- soluble locking in case of wrong crimping
- cutting wires
- quick cable stripping: 0,2 mm² - 6 mm²
- **fixable stripping length**
- **rotary and removable stopper block**
- **6 kinds of selectable torques**



Pro'sKit®

**6PK-230C****PRESSING PLIERS**

- 220 mm
- for crimping non-insulated terminals 0,5 - 6 mm²
- **fixable stripping length**
- **rotary and removable stopper block**
- **6 kinds of selectable torques**



Pro'sKit®

**6PK-301H****PRESSING PLIERS**

- 220 mm
- for crimping insulated terminals
- red: 0,5 - 1,0 mm²
- blue: 1,5 - 2,5 mm²
- yellow: 4 - 6 mm²
- **fixable stripping length**
- **rotary and removable stopper block**
- **6 kinds of selectable torques**



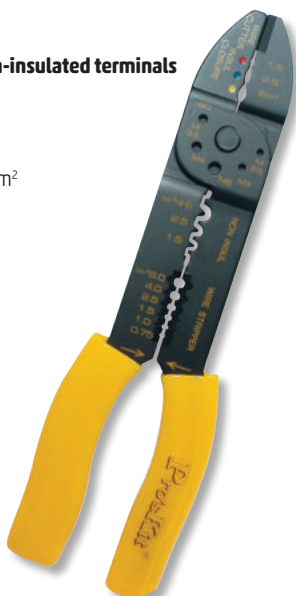
Pro'sKit®

**8PK-313B****CABLE STRIPPER AND PRESSING PLIERS**

- 230 mm
- **for crimping insulated and non-insulated terminals**
- insulated:
 - red: for 1,5 mm²
 - blue: for 2,5 mm²
 - yellow: for 6 mm²
- non-insulated: for 1,5/2,5/- 6 mm²
- **wire cutting**
- stripping wires: for 0,75 - 6 mm²
- shortening screws: M2,6/ M3/ M3,5/ M4/ M5



Pro'sKit®

**CP-342****UTP-RJ45-8P8C QUICK CRIMPING PLIERS**

- designed for through, **open-ended plugs** (TS 51PRO)
- **strips, crimps and cuts at the same time**
- faster work, less errors, better contact
- safety lock for easy storage
- precision, reinforced moving head structure
- **can also be used with traditional plugs**

TS 51PRO



Pro'sKit®



TW 4-6

CRIMPING PLIERS FOR TELEPHONE PLUGS

- 210 mm
- metal
- for 4/4, 6/6, 8/8 connectors
- two kinds of stripping length (6/12 mm)
- cutting, stripping, crimping
- releasable, automatic latching



TW 3-6

CRIMPING PLIERS FOR TELEPHONE PLUGS

- 210 mm
- ABS plastic
- for 4/4, 6/6, 8/8 connectors
- two kinds of stripping length (6/12 mm)
- wide edges
- cutting, stripping, crimping



6PK-501

PROFESSIONAL CABLE STRIPPER

- quick and safe stripping and cutting
- rotating around the cable
- for cable diameters from 3,2 to 9 mm
- coax and phone cable, single-core, multi-core, flat, round, UTP/FTP/STP
- diameter setting screw
- U and V shaped cable guards
- length: 112 mm



Pro'sKit®

PD-992

PROFESSIONAL CABLE STRIPPING KNIFE

- cutting, stripping and plunging knife
- folding, comfortable blade guard with safety lock
- positioning V-groove to prevent the cable from moving
- the blade guard holds the wire in place while worked on
- extremely strong, thick, durable blade
- ergonomic, handy design
- wide range of applications:
- suitable for cable diameters from 3 to 30 mm
- hang-hole in the handle
- full length: 200 mm



Pro'sKit®

BLF 6

PUNCH PLIERS

- to punch leather, textile, thin cardboard, and soft plastic materials
- steel material, rubber coated casing
- surface-hardened steel punch pipes
- punch sizes: Ø2; 2,5; 3; 3,5; 4; 4,5 mm
- with opening spring
- with closing latch
- length: 220 mm



SZKR 9

SAFETY SPRING SCALPEL

- blade width: 9 mm
- rubberized grip
- metal blade guide
- safe, self-retracting blade
- easy-to-replace blade



SZKB 9

10 PCS SPARE BLADES FOR SZKR 9 SCALPEL

SZK 21

CUTTER

- plastic housing
- metal blade lead
- accessory:
- 1 pc 18 mm slot



SZK 20

CUTTER

- plastic housing
- accessory:
- 1 pc 18 mm blade



SZKB 21

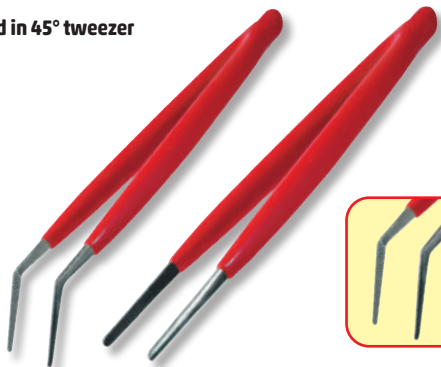
SPARE BLADE

- for SZK 20, SZK 21, SZK 30, SZK 31 cutters
- 18 mm
- 10 pcs/package



908-T301**TWEEZERS SET FOR TECHNICIAN**

- 150 mm long
- **straight and bended in 45° tweezer**
- knurled surface
- **insulated coating**



Pro'sKit®

MA-019**HANDHELD LED LIGHT MAGNIFIER**

- lighting: **8 LED lights**
- **banknote: 1 UV LED**
- **high quality lens**
- lens diameter: $\varnothing 56$ mm
- **magnifying: 3x (8 dioptres)**
- electronic switch
- power supply: 3 x AAA (1,5 V) batteries, not included



Pro'sKit®

8PK-MA006**ILLUMINATED MAGNIFIER**

- **high quality lens**
- lens diameter: $\varnothing 62$ mm
- **magnifying: 4x**
- power supply: 2 x AA (1,5 V) batteries, not included
- bulb: 2,2 V/0,25 A/E 10



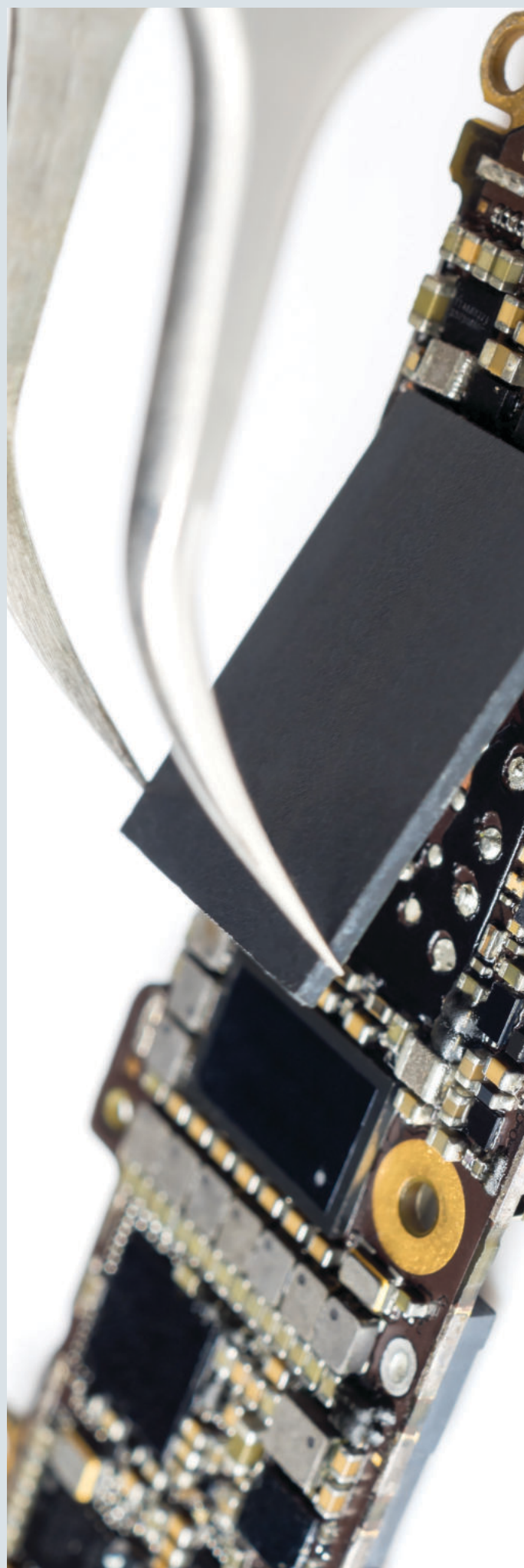
Pro'sKit®

MA-022**HANDHELD LED LIGHT MAGNIFIER**

- **1 LED light**
- **1 UV LED for banknote detection**
- high quality lens
- lens diameter: $\varnothing 27$ mm
- **magnifying: 7,5x (26 dioptres)**
- with push-button to switch on
- with slide switch to change function
- power supply: 2 x CR2016 (3V) batteries, not included



Pro'sKit®



TU181

TRUE UTILITY HANDYONE

- ultimate 18in1 handy tool
- **spring loaded stainless steel pincers**, wire cutter, flat screwdriver, file, Phillips screwdriver, **saw**, **bottle opener**, knife with 7 cm blade length and serrated section, **magnetic bit holder and 9 bit types included:** #1, #2, and #3 Phillips, 1/8", 3/16" and 1/4" flat, and H3, H4 and H5 hexagonal
- **stainless steel frame**
- **ergonomic handle made of anodised aluminium**
- handy bit holder case
- dimensions (folded): 10,8 x 3,8 x 2,5 cm



TRU-MTL-0004-G

TRUE UTILITY TI POCKET MULTI TOOL

- all in one titanium tool set
- 7 functions
- **knife with 7cm blade**, spring loaded stainless steel pincers, wire cutter, screwdriver, **saw**, **puncher and bottle opener**
- anodised aluminium casing
- **titanium nitride coated knife and tools**
- dimensions (folded): 24,4 x 15,2 x 3,4 cm



TU182

TRUE UTILITY FIRERANGER

- a multi-tool for real survivors
- one-handed knife with locking 7 cm blade, **flint**, **emergency whistle**, spring-loaded stainless steel **pliers**, wire cutter, Phillips screwdriver, file and **saw**
- carrying case
- dimensions (folded): 10,8 x 4 x 2,6 cm



TU180K

TRUE UTILITY SEVEN

- **top quality, super compact multi-tool**
- **9in1 basic tool: spring loaded, stainless steel pincers**, wire cutter, **Phillips screwdriver**, **bottle opener**, knife, **saw**, flat screwdriver, carabiner clip, file
- stainless steel frame
- ergonomic aircraft grade aluminium handles
- quick release carabiner clip
- dimensions (folded): 8,5 x 3 x 1,5 cm



TRU-MTL-0002-G

TRUE UTILITY DUAL CUTTER

- 2in1 cutting tool
- **7 cm tanto knife**
- one-handed locking blade
- **spring loaded scissors with 4 cm edges**
- **anodised aluminium casing**
- stainless steel blade
- dimensions (folded): 10 x 3 x 2 cm



TU195K

TRUE UTILITY MINIMULTI

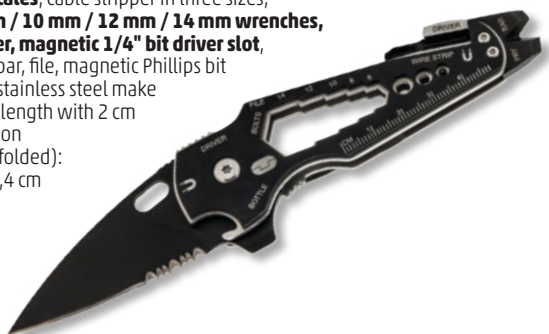
- all essential tools in one place
- **10 functions**
- Phillips screwdriver, **scissors**, **bottle opener**, medium flat screwdriver, **saw**, **spring**, **stainless steel pincers**, **wire cutter**, large flat screwdriver, file, knife
- dimensions (folded): 7,6 x 3,8 x 1,6 cm



TU6869

TRUE UTILITY SMARTKNIFE+

- **knife with 15 essential tools**
- **small/medium/large flat screwdriver**, ruler with English and Metric scales, cable stripper in three sizes, **6 mm / 8 mm / 10 mm / 12 mm / 14 mm wrenches**, **bottle opener**, **magnetic 1/4" bit driver slot**, belt clip, pry bar, file, magnetic Phillips bit
- sandblasted stainless steel make
- 5,5 cm blade length with 2 cm serrated section
- dimensions (folded): 11,2 x 4,2 x 1,4 cm



TU6871

TRUE UTILITY TRUEBLADE

- light and robust kit knife
- one-handed locking blade
- **oxidised stainless steel blade**
- **7 cm blade length with 2 cm serrated section**
- **anodised aluminium casing**
- belt clip
- dimensions (folded): 10,7 x 3 x 1,7 cm



TU7060N

**TRUE UTILITY
MODERN KEY CHAIN KNIFE**

- Modern KeyChain, compact knife with stylish modern design
- non-locking blade
- stainless steel blade
- 4 cm blade length
- carabiner clip, bottle opener, pry bar, large flat screwdriver, anodised aluminium handle
- dimensions: 7,6 x 1,7 x 0,8 cm



TU576K

TRUE UTILITY JACKKNIFE

- small, robust and tough knife
- one-handed locking blade
- stainless steel blade
- 5 cm blade length
- anodised black aluminium frame
- comfortable grip for both right- and left-handers
- mahogany hardwood handle
- clip holder
- dimensions (folded): 7,5 x 3,3 x 1,7 cm



TU590

TRUE UTILITY CRAFTY

- compact, folding knife
- easy to attach to your backpack or clothes
- black titanium coated handle
- easy to replace blade
- 2 spare blades included
- dimensions: 11 x 2,6 x 0,9 cm



TU208K

TRUE UTILITY MINIMALIST

- designer knife and pocket tool
- carabiner clip, small/large flat screwdriver, file, line cutter, black titanium coating, stainless steel knife
- lightweight and slimline design
- dimensions (folded): 8,6 x 2 x 1,2 cm



TU571K

TRUE UTILITY SKELETONKNIFE

- locking blade
- stainless steel blade
- 4 cm blade length
- anodised aluminium casing
- comfortable grip for both right- and left-handers
- anchorage for a carabiner clip
- dimensions (folded): 6,3 x 2,4 x 0,65 cm



TU251K

TRUE UTILITY CASHSTASH+

- emergency banknote holder
- highly engineered cash capsule for one banknote
- aircraft grade aluminium
- attaches to your keychain
- fully waterproof
- dimensions: 4,6 x 1,6 x 1,6 cm



TU214K

TRUE UTILITY SHARKEY

- all the tools you need in the size of a bite
- carabiner clip, small/medium/large flat screwdriver, small/medium/large Phillips screwdriver, file, fingernail cleaner, line cutter, 1/4" wrench, bottle opener
- 12in1
- ultra compact design
- dimensions: 2,5 x 0,8 x 6,8 cm



TU206K

TRUE UTILITY FISHFACE

- 18 tools - all in one
- carabiner clip, small/medium/large flat screwdriver, pry bar, bicycle spoke spanner, safety blade, 4 mm / 6 mm / 1/4" / 8 mm / 10 mm wrenches, bottle opener, fingernail cleaner, small/medium/large Phillips screwdriver, file
- black titanium coated 420 grade stainless steel
- very light and takes up little space
- lightweight and slimline design
- dimensions: 7 x 2,9 x 0,9 cm



TU921

TRUE UTILITY KEYSHACKLE

- genuine leather keychain and multi-tool with carabiner clip
- 7 functions
- small/medium/large flat screwdriver, cable stripper and cutter, fingernail cleaner, bottle opener, file
- accommodate from 2 to 4 keys
- genuine leather strap
- black titanium coated carabiner clip
- dimensions: 10 x 2,6 x 2,2 cm



TU215K

TRUE UTILITY NAILCLIP KIT

- compact nail care kit
- 5in1 compact nail care kit
- nail clippers, knife, nail file, nail cleaner, nail scissors
- stainless steel make
- dimensions: 5,6 x 1,5 x 0,9 cm



TU246K

TRUE UTILITY TELEPEN

- special telescopic design
- brushed stainless steel telescopic body
- aluminium casing
- 3 pen refills included
- magnetic top
- dimensions folded, with cap, but without keyring: only Ø0,7 x 6 cm



TU289K

TRUE UTILITY LASERLITE

- powerful led torch and red laser beam
- aluminium make
- 10 lm LED, Class II laser
- power supply: 3 x 1.5V (LR44) batteries, included
- dimensions: 7,5 x 1,6 x 1,6 cm



TU918

TRUE UTILITY CLIPLITE

- keyring clip and rechargeable light
- 4 functions: high brightness static white / low brightness static white / static red / flashing red light
- stainless steel frame
- 47 lm COB LED
- up to 20 hours operation
- built-in Li-ion battery
- micro USB charging cable included, and built-in micro USB socket
- genuine cowhide strap
- dimensions: 13 x 3,4 x 1,6 cm



TU919K

TRUE UTILITY BUTTONLITE

- personal hands-free rechargeable light
- 4 functions: high brightness static white / low brightness static white / static red / flashing red light
- 47 lm COB LED
- up to 20 hours operation
- built-in Li-ion battery
- micro USB charging cable included, and built-in micro USB socket
- stainless steel frame
- dimensions: 4,3 x 3,3 x 1,6 cm



TU407K

TRUE UTILITY TURBOJET® FIREWIRE

- powerful and windproof turbojet lighter
- efficient and compact windproof lighter
- refillable with standard lighter gas
- one-handed operation
- adjustable flame
- alloy metal body
- dimensions: 7 x 2,5 x 3,5 cm



TU262K

TRUE UTILITY FIRESTASH

- small, waterproof lighter and keychain
- chromium plated zinc make
- works with standard lighter fluid
- dimensions: 4,5 x 1,5 x 1,5 cm



8HKKR

TRUE UTILITY DISPLAY WITH 8 HANGERS

- freestanding display with 8x standard eurohooks
- Picture for illustration purpose only, rack is supplied empty.



Connectors for mobile devices

SA 2000Qi

WIRELESS CHARGER

- **3in1: charge a phone, watch and earphones at the same time**
- convenient, single-wire connection
- the phone can be placed both in horizontal and vertical position
- manufacturer-independent phone compatibility if the phone supports

Qi standard wireless charging

- the watch charger is also wireless (e.g. iWatch)
- the earphone charger has built-in Lightning plug (e.g. AirPods)
- multi-colored charge indicator LED
- accessory USB / USB-C charger cable
- dimensions: 200 x 100 x 85 mm

Check the compatibility of your products before purchase!

It requires a 2A adapter (e.g. SA 24USB).



SA 20QCPD

2IN1 USB QC, PD QUICK CHARGER, 20 W

- USB-A: **QUICK CHARGE** compatible quick charger
- USB-C: **POWER DELIVERY** compatible quick charger
- also works as a traditional quick charger
- for charging two devices at the same time
- PRI: 100-240 V~ / 50-60 Hz / 0,5 Amax.
- SEC USB-A: (**QC**) 5 V / 3 A, 9 V / 2 A, 12 V / 1,5 A
- SEC USB-C: (**PD**) 5 V / 3 A, 9 V / 2,22 A, 12 V / 1,67 A
- SEC USB-A+USB-C: (**QC+PD**) 5 V / 3 A
- QC: 18 Wmax, **PD: 20 Wmax.**, QC+PD: 15 Wmax.



NBC 65W

UNIVERSAL USB-C CPD QUICK CHARGER, 65 W

- ideal for portable devices: **notebooks, mobile phone, tablet, earphones and headphones, sound box**
- compatible with both traditional and "PD" devices
- **GaN technology**: smaller, lighter, more efficient
- **maximum load capacity: 65 Watt**
- approx. 1.7 m connection cable
- PRI: 100-240 V~ / 50-60 Hz / 1,5 Amax.
- SEC USB-C (PD65W): 5 V / 3 A, 9 V / 3 A, 12 V / 3 A, 15 V / 3 A, 20 V / 3,25 A



SA 50USB

USB CHARGER WITH 4 SOCKETS

- **high current charge: 3,1 A max. / socket**
- input: 100-240 V~ / 50-60 Hz
- **4 pcs 5 V / 3,1 A SUM 5 A shared USB output**
- 4 devices can be charged simultaneously



SA 24USB

USB CHARGER WITH 2 SOCKETS

- input: 100-240 V~ / 50-60 Hz
- **2 pcs 5 V / 2,4 A SUM 2, 4 A shared USB output**
- 2 devices can be charged simultaneously



USB BOX

USB CHARGER CABLE SERVING TRAY

- 2-type connector cables in 4 colors
- altogether (4 x 5 pcs) 20 pcs charger cables
- **10 pcs USB-C / USB-A (gray and yellow)**
- **10 pcs microUSB / USB-A (white and turquoise)**
- massive, metal connector plugs
- resistant, woven nylon cover
- the charger cable usually functions as data cable
- length approx. 1 meter
- load: max. 2,1 A
- tray size opened: approx. 250 x 250 x 210 mm



USB BOX

- MOBILE CHARGER CABLE
- 10x USB-C / USB-A
- 10x microUSB / USB-A



USB MULTI

4IN1 USB CHARGER CABLE

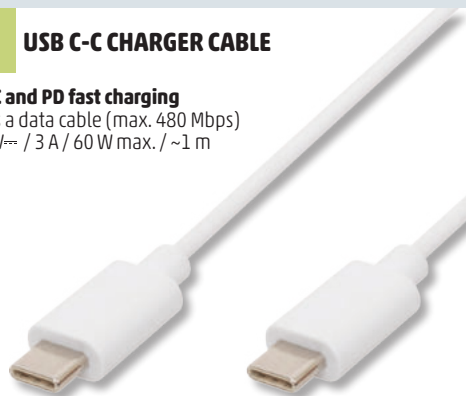
- **4in1: replaces 4 separate cables**
- C-C / C-microUSB / C-USB A / USB A-microUSB
- for telephones, notebooks and other products
- **suitable for normal, QC and PD fast charging**
- exclusive design and quality
- nice, **flexible, woven cable** and **metal plugs**
- physical impact **resistant sheaths**
- less chance of tangling
- usually also functions as a data cable (max. 480 Mbps)
- ~1.5 m cable
- USB 2.0 / 20 V \pm / 3 A / 60 Wmax.



USBC 60

USB C-C CHARGER CABLE

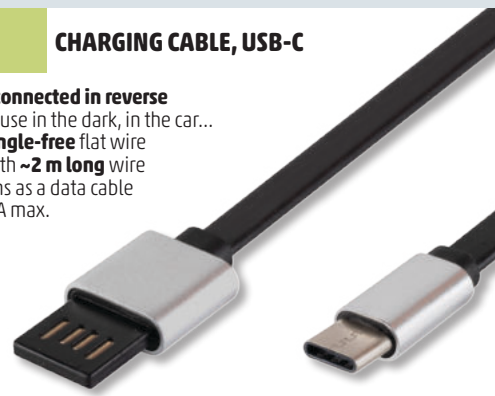
- **suitable for normal, QC and PD fast charging**
- usually also functions as a data cable (max. 480 Mbps)
- USB2.0 / 480 Mbps / 20 V \pm / 3 A / 60 W max. / ~1 m



USBF C2

CHARGING CABLE, USB-C

- **both plugs can be connected in reverse**
- convenient and fast use in the dark, in the car...
- flexible, durable, **tangle-free** flat wire
- premium quality, with **~2 m long** wire
- usually also functions as a data cable
- USB 2.0 / 5 V \pm / 2,1 A max.



USBC 1

CHARGING CABLE, USB-C

- flexible, comfortable to use
- usually works as data cable as well
- **length: ~1 m**
- USB 2.0 / 5 V \pm / 2,1 A max.



USB A/C-1

CHARGING CABLE, USB-C

- flexible, comfortable to use
- usually works as data cable as well
- **length: 1 m**
- USB 2.0 / 5 V \pm / 1 A max.



USBM 1

microUSB CHARGER CABLE

- **flexible**, easy to use
- usually also functions as a data cable
- **~1 m long cable**
- USB 2.0 / 5 V \pm / 2,1 A max.

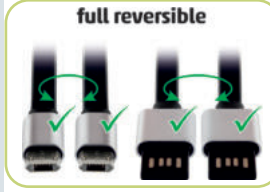




USB F 3

microUSB CHARGER CABLE

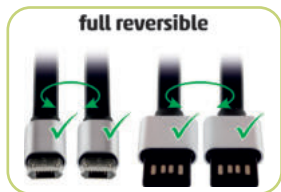
- **USB-A plug - microUSB-B plug**
- **both plugs can be connected inversely**
- easy and fast use even in poor visibility conditions, in car
- flexible, durable, **entanglement free** flat cable
- premium quality, gilded connections
- usually works as data cable as well
- USB 2.0 / 5 V[±] / 2,1 A max.
- **length: 3 m**



USB F 2

microUSB CHARGER CABLE

- **USB-A plug - microUSB-B plug**
- **both plugs can be connected in reverse**
- convenient and fast use in the dark, in the car
- flexible, durable, **tangle-free** flat wire
- premium quality, with **~2 m long** wire
- usually also functions as a data cable
- USB 2.0 / 5 V[±] / 2,1 A max.



USB A/MICRO-1

microUSB CHARGER CABLE

- ideal to charge accumulators of portable devices with microUSB-B socket
- usually works as data cable as well
- **length: ~1 m**
- USB 2.0 / 5 V[±] / 1 A max.



USBC A1

USB-C/MICROUSB-B CONVERTER

Use your old microUSB charger for your new appliances, made on new standards!

- **plug: USB-C**
- **socket: microUSB**
- usually it is suitable for data transmission as well
- USB 2.0 / 240 Mbps / 5 V[±] / 2,1 A



USBC A2

USB-A / USB-C CONVERTER

Connect your old and new devices together!

- **plug: USB-A**
- **socket: USB-C**
- generally also suitable for data transmission
- USB 2.0 / 240 Mbps / 5 V[±] / 2,1 A



SA 044

MICRO USB OTG CABLE

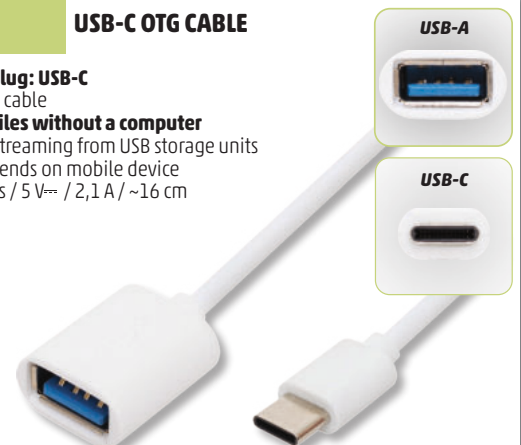
- **USB-A socket - microUSB-B plug**
- two-way data cable
- **copy of files without computer**
- playback of video and music from USB storage devices
- compatibility depends on mobile device
- USB 2.0 / 480 Mbps / 5 V[±] / 2,1 A / ~16 cm



USBC OTG

USB-C OTG CABLE

- **socket: USB-A - plug: USB-C**
- bidirectional data cable
- **for transferring files without a computer**
- video and music streaming from USB storage units
- compatibility depends on mobile device
- USB 2.0 / 480 Mbps / 5 V[±] / 2,1 A / ~16 cm



Audio and video connector, accessory

ATD VIDEO ANALOG-DIGITAL VIDEO CONVERTER

CONNECTING OLD DEVICES WITH NO DIGITAL OUTPUT TOGETHER WITH NEW DEVICES WITH DIGITAL OUTPUT.

- connecting old devices (video recorders, DVD players, game-consoles, video cameras, set top boxes, etc.) to new televisions, projectors
- converts the traditional analog signal to digital signal
- **input: 3 x RCA socket** (composite video and stereo sound)
- **output: 1 x HDMI socket**
- accessory miniUSB - USB A power cable
- dimensions: 60 x 55 x 20 mm



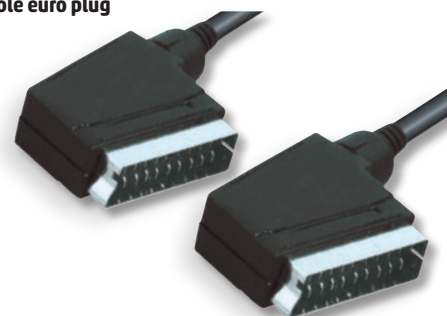
V 50S VIDEO CONVERTER

- **21 pole euro plug - 3 x RCA socket + SVHS socket**
- with stereo converter switch



VC 3D VIDEO CABLE

- **21 pole euro plug - 21 pole euro plug**
- 21 poles connected
- 1,5 m



HD 4K SERIES HDMI CABLE

- **version V 2.0**
- **gilded**
- "A" plug - "A" plug
- resolution: 4K x 2K
- multilayer shielding
- **high data rate: 18 Gbit/s**
- **UltraHD 4K @ 60fps**
- ideal for displaying HDR and 3D



type	length
HD 4K/1,8	1,8 m
HD 4K/3	3 m

HDS SERIES HDMI CABLE

- V 1.4 version
- **gilded**
- "A" plug - "A" plug



type	length
HDS 1	1 m
HDS 2	2 m
HDS 4,5	4,5 m

A 4 SERIES VIDEO CABLE

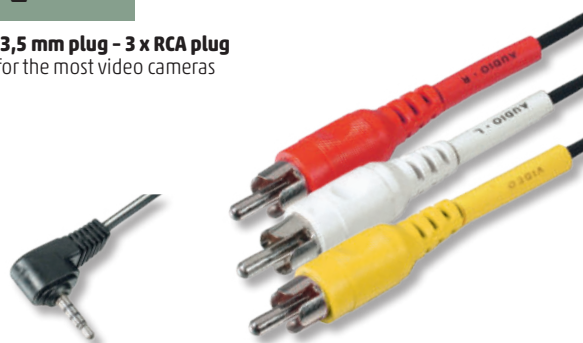
- **3 x RCA plug - 3 x RCA plug**



type	length
A 4	1 m
A 4-3	3 m

VC 20-2 VIDEO CABLE

- **4 pole Ø3,5 mm plug - 3 x RCA plug**
- suitable for the most video cameras
- 2 m



AC 16M

AUDIO CONVERTER

- Ø3,5 mm stereo plug
- 2 x Ø3,5 mm stereo sockets
- 15 cm



A 3

AUDIO CABLE

- 2 x RCA plug- 2 x RCA plug
- 1,5 m



A 3-1M

AUDIO CABLE

- 2 x RCA plugs - 2 x RCA plugs
- 1 m



A 49

AUDIO CABLE

- Ø3,5 mm stereo plug- 2 x RCA plug
- 1,5 m



A 49-5

- 5 m

A 49-1M

AUDIO CABLE

- Ø3,5 mm stereo plug
- 2 x RCA plugs
- 1 m



A 51

AUDIO CABLE

- Ø3,5 mm stereo plug - Ø3,5 mm stereo plug
- 1,5 m



A 49-4M

- 4 m

A 51-5

- 5 m

A 51-1M

AUDIO CABLE

- Ø3,5 mm straight stereo plug
- Ø3,5 mm pipe stereo plug
- 1 m



A 54-5

AUDIO CABLE

- Ø3,5 mm stereo plug - Ø3,5 mm stereo socket
- 5 m



A 54-2.5M

AUDIO CABLE

- Ø3,5 mm stereo plug
- Ø3,5 mm stereo socket
- 2,5 m



OPK 2/1,5

OPTICAL CABLE

- Toslink plug - Toslink plug
- Ø2,2 mm
- with dustproof cap
- 1,5 m



DTA AUDIO**DIGITAL TO ANALOGUE CONVERTER**

ENJOY THE SOUND OF YOUR TV THROUGH YOUR HIFI SYSTEM!

- for connecting devices equipped with digital sound output and stereo devices without such outputs
- for achieving quality sound of LCD TV, Set Top Box, DVB-T receiver, DVD/Blue-ray player on HiFi equipment or active sound boxes
- converts the digital or optical audio signal to analogue stereo signal
- input 2in1: **optical TOSLINK + digital coaxial RCA**
- output: 2 x RCA socket, stereo
- **accessory: 1.5 m optical cable, mains adapter (5 V= / 1 A), included**
- dimensions: 51 x 26 x 41 mm

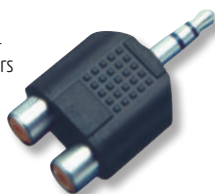
**BTRC 1000****STEREO STREAMING BOX**

WIRELESS SOUND TRANSFER ALSO FOR OLDER DEVICES

- selectable **BT receiver or BT transmitter** • wired "transmission" function (ByPass)
- **digital-analogue audio converter** • **analogue-digital audio converter**
- simultaneous pairing of two BT devices • for wired and wireless headphones
- 1.8" display: no more blind pairing • for the versatile extension of HiFi systems
- audio input: Ø3.5 mm socket, Toslink • audio output: Ø3.5 mm socket, Toslink
- power supply: USB-C socket • accessories: USB-C and 3.5 mm - 3.5 mm cable, optical connecting cable, included • recommended adaptor: SA 24USB, SA 50USB

**AC 17****AUDIO CONVERTER**

- Ø3,5 mm stereo plug -
- 2 x RCA socket converters

**AC 16****AUDIO CONVERTER**

- Ø3,5 mm stereo plug -
- 2 x Ø3,5 mm stereo socket converters

**AC 4****AUDIO CONVERTER**

- Ø6,3 mm mono plug -
- RCA socket converter

**AC 9****AUDIO CONVERTER**

- Ø6,3 mm stereo plug -
- Ø3,5 mm stereo socket converter

**AC 6****AUDIO CONVERTER**

- Ø3,5 mm stereo plug -
- Ø6,3 mm stereo socket converter

**AC 19****RCA EXTENSION**

- RCA socket - RCA socket
- mono

**RCA 11MF**

1 pc with white mark

RCA PLUG PAIR

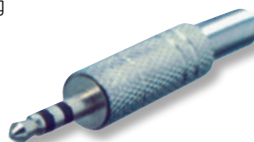
- metal
- gilded
- with strain relief
- only with composite color marks



1 pc with red mark

SK 4M**JACK PLUG**

- Ø3,5 mm stereo plug
- metal
- with strain relief

**SK 4****JACK PLUG**

- Ø3,5 mm stereo plug
- plastic
- with strain relief

**SK 3M****JACK PLUG**

- Ø6,3 mm stereo plug
- metal
- with strain relief

**SK 2M****JACK PLUG**

- Ø6,3 mm mono plug
- metal
- with strain relief

**SK 4K****JACK SOCKET**

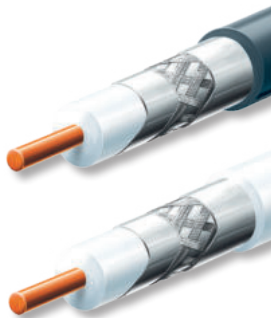
- Ø3,5 mm stereo socket
- plastic
- with strain relief



S 6 SERIES

COAXIAL CABLE

- impedance: 75 Ω
- Ø7,06 mm PVC insulation
- aluminium + PET foil
- Ø0,12 mm x 96 threads, ALU braid
- aluminium + PET foil
- Ø4,6 mm foam PE insulation
- Ø1,02 mm copper coated steel internal thread

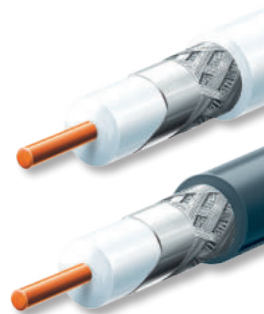


type	color	length
S 6TSV/WH	white	305 m / spool
S 6TSV/BK	black	305 m / spool
S 6TSP/WH	white	100 m / spool

RG 6U SERIES

COAXIAL CABLE

- impedance: 75 Ω
- Ø6,9 mm PVC insulation
- Ø0,12 mm x 48 threads, ALU braid
- aluminium + PET foil
- Ø4,6 mm foam PE insulation
- Ø1,0 mm copper clad steel internal wire



type	color	length
RG 6U/WH	white	100 m / spool
RG 6U/BK	black	100 m / spool
RG 6U-500/WH	white	500 m / spool

KH 3

COAXIAL CABLE

- impedance: 75 Ω
- Ø4,2 mm PVC insulation
- Ø0,12 mm x 48 thread, copper braid
- aluminium foil
- Ø2,6 mm foam PE insulation
- Ø0,5 mm copper clad steel internal wire
- white
- 100 m/spool



RG 6-32 SERIES

COAXIAL CABLE

- impedance: 75 Ω
- Ø6,5 mm PVC insulation
- Ø0,12 mm x 32 thread, copper braid
- aluminium + PET foil
- Ø4,6 mm foam PE insulation
- Ø0,9 mm copper internal wire

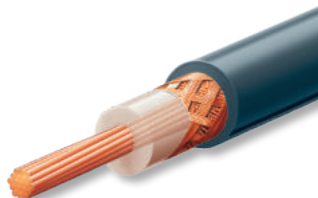


type	color	length
RG 6-32/WH	white	100 m / spool
RG 6-32/BK	black	100 m / spool

RG 58

COAXIAL CABLE

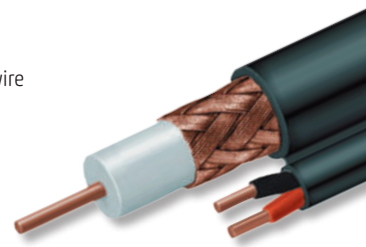
- impedance: 50 Ω
- Ø5,0 mm PVC insulation
- Ø0,12 mm x 96 thread, copper braid
- Ø2,95 mm PE insulation
- Ø0,18 mm x 19 copper internal wire
- black
- 100 m/spool



RG59+NAP

COAXIAL CABLE WITH POWER CABLE

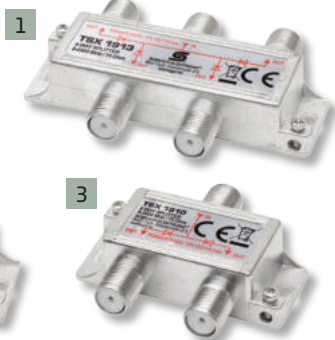
- impedance: 75 Ω
- RG 59 (75 Ω) + 2 x 0,5 mm²
- Ø6,2 mm PVC insulation
- Ø4,2 mm foam PE insulation
- Ø0,57 mm copper clad steel inner wire
- black
- 100 m/spool



type	color	impedance	exterior	shading/other	dielectric	inner thread	length
S 6TSV/WH	white	75 Ω	Ø7,06 mm PVC	aluminium + PET foil / Ø0,12 mm x 96 threads, ALU braid / aluminium + PET foil	Ø4,6 mm foam PE	Ø1,02 mm copper clad steel	305 m
S 6TSV/BK	black	75 Ω	Ø7,06 mm PVC	aluminium + PET foil / Ø0,12 mm x 96 threads, ALU braid / aluminium + PET foil	Ø4,6 mm foam PE	Ø1,02 mm copper clad steel	305 m
S 6TSP/WH	white	75 Ω	Ø7,06 mm PVC	aluminium + PET foil / Ø0,12 mm x 96 threads, ALU braid / aluminium + PET foil	Ø4,6 mm foam PE	Ø1,02 mm copper clad steel	100 m
RG 6U/WH	white	75 Ω	Ø6,9 mm PVC	Ø0,12 mm x 48 threads, ALU braid / aluminium + PET foil	Ø4,6 mm foam PE	Ø1 mm copper clad steel	100 m
RG 6U/BK	black	75 Ω	Ø6,9 mm PVC	Ø0,12 mm x 48 threads, ALU braid / aluminium + PET foil	Ø4,6 mm foam PE	Ø1 mm copper clad steel	100 m
RG 6U-500/WH	white	75 Ω	Ø6,9 mm PVC	Ø0,12 mm x 48 threads, ALU braid / aluminium + PET foil	Ø4,6 mm foam PE	Ø1 mm copper clad steel	500 m
KH 3	white	75 Ω	Ø4,2 mm PVC	Ø0,12 mm x 48 threads, copper braid / aluminium foil	Ø2,6 mm foam PE	Ø0,5 mm copper clad steel	100 m
RG 6-32/WH	white	75 Ω	Ø6,5 mm PVC	Ø0,12 mm x 32 threads, copper braid / aluminium + PET foil	Ø4,6 mm foam PE	Ø0,9 mm copper	100 m
RG 6-32/BK	black	75 Ω	Ø6,5 mm PVC	Ø0,12 mm x 32 threads, copper braid / aluminium + PET foil	Ø4,6 mm foam PE	Ø0,9 mm copper	100 m
RG 58	black	50 Ω	Ø5 mm PVC	Ø0,12 mm x 96 threads, copper braid	Ø2,95 mm PE	Ø0,18 mm x 19 copper	100 m
RG59+NAP	black	75 Ω	Ø6,2 mm PVC	RG59 + 2 x 0,5 mm ² integrated copper cable	Ø4,2 mm foam PE	Ø0,57 mm copper	100 m

TSX SERIES**F DISTRIBUTOR, HQ QUALITY**

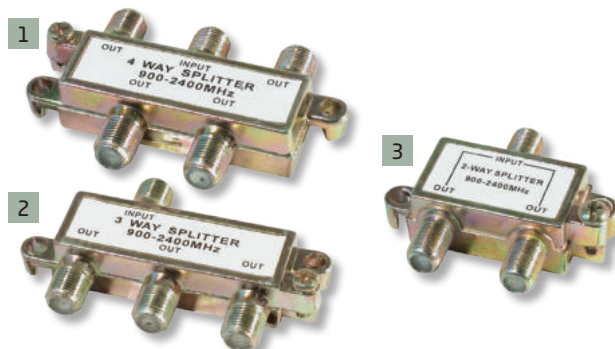
- 75 Ohm impedance
- **broadband signal transmission: 5-2400 MHz**
- voltage input option through the outputs
- **remote power supply option:**
15 V \bar{v} / 1 Amax.
- stable zinc alloy construction
- **water resistant: IP44**
- can be screwed on; with included screws



picture	type	feature	plug
1	TSX 1913	4 channel	1 x input - 4 x output
2	TSX 1911	3 channel	1 x input - 3 x output
3	TSX 1910	2 channel	1 x input - 2 x output

TSP SERIES**F DISTRIBUTOR**

- applicable for cable television and satellite
- **900 - 2400 MHz**



picture	type	feature	plug
1	TSP 1913	4 channel	1 x input - 4 x output
2	TSP 1911	3 channel	1 x input - 3 x output
3	TSP 1910	2 channel	1 x input - 2 x output

RF SERIES**COAXIAL CABLE**

- coaxial plug - coaxial socket
- double shielding

type	color	length
RF 1	white	1,5 m
RF 3	white	2,5 m
RF 5	white	5,0 m
RF 10	white	10 m

**FS 27****COAXIAL DISTRIBUTOR**

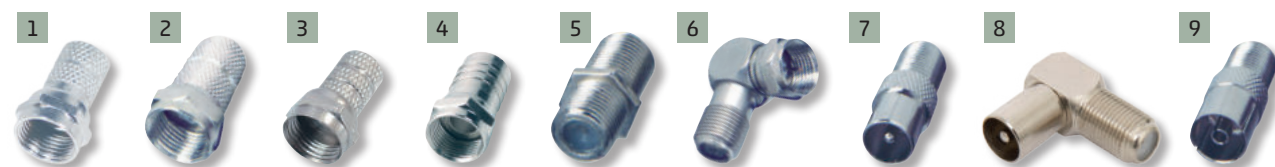
- 1 x socket - 2 x plugs
- „T” - shaped, metal

**FS 28****COAXIAL DISTRIBUTOR**

- 1 x plug - 2 x sockets
- „T” - shaped, metal

**COAX PLUG, COAX SOCKET**

im.	type	connector	fabric	installation mode	design
1	FST 1	plug	metal	can be wound on RG 6 cable	straight
2	FST 2	socket	metal	can be wound on RG 6 cable	straight
3	FS 14	plug	metal	can be screwed	straight
4	FS 15	socket	metal	can be screwed	straight
5	FS 1	plug	metal + plastic	can be screwed	pipe
6	FS 2	socket	metal + plastic	can be screwed	pipe
7	FS 18	plug	metal + plastic, reinforced	can be screwed	straight
8	FS 19	socket	metal + plastic, reinforced	can be screwed	straight

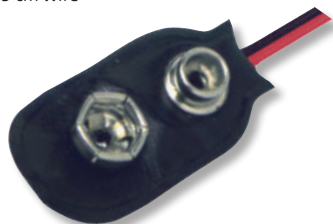
F CONNECTOR, F CONVERTER

im.	type	connector	fabric	installation mode	design
1	FF 1/PRO	plug	metal, reinforced	can be wound on RG 6 cable	straight
2	FF 1	plug	metal	can be wound on RG 6 cable	straight
3	FF 21	plug	metal	can be wound on KH 3 cable	straight
4	F 803C	plug	metal	can be crimped onto S6TSV cable	straight
5	FF 13	socket-socket	metal	can be screwed	straight
6	FF 15	plug-socket	metal	can be screwed	pipe
7	FF 18	coax plug - F socket	metal	can be screwed	straight
8	FF 18P	coax plug - F socket	metal	can be screwed	pipe
9	FF 19	coax plug - F socket	metal	can be screwed	straight

BH 036

BATTERY CONNECTOR

- for 9V battery
- with 15 cm wire



DC 1K

DC INTER-CORD SWITCH

- cca. 2 x 15 cm wire
- max 12V~/3 A / 36 W
- Ø2,1 x Ø5,5 x 10 mm
- can be used for LED strip and hobby purposes



DC 2CS

DC CONNECTION SOCKET WITH TERMINAL BLOCK

- max 12V~/3 A / 36 W / 0,5-1 mm² wire
- Ø2,1 x Ø5,5 x 10 mm



AC 1D

AC PLUG

- 3 pole (250 V~/10 A / 2300 W)
- can be screwed



AC 1A

AC SOCKET

- 3 pole (250 V~/10 A / 2300 W)
- can be screwed



AC 2D

AC BUILT-IN PLUG

- 3 pole (250 V~/10 A / 2300 W)
- solderable



BF 53L

FUSE HOLDER

- 5 x 20 mm
- screw-on attachment



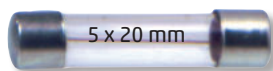
BF 52B

FUSE HOLDER

- 5 x 20 mm
- open by hand
- tool-free opening



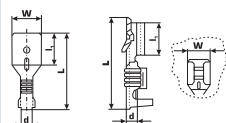
FUSE



type	nature
F100 MA	5 x 20 mm fast
F500 MA	5 x 20 mm fast
F1 A	5 x 20 mm fast
F1,6 A	5 x 20 mm fast
F2 A	5 x 20 mm fast
F2,5 A	5 x 20 mm fast
F3,15 A	5 x 20 mm fast
F4 A	5 x 20 mm fast
F5 A	5 x 20 mm fast
F6,3 A	5 x 20 mm fast
F8 A	5 x 20 mm fast
F10 A	5 x 20 mm fast
F16 A	5 x 20 mm fast

type	nature
T500 MA	5 x 20 mm slow-break
T1 A	5 x 20 mm slow-break
T2 A	5 x 20 mm slow-break
T3,15 A	5 x 20 mm slow-break
T4 A	5 x 20 mm slow-break
T6,3 A	5 x 20 mm slow-break

CABLE TERMINAL

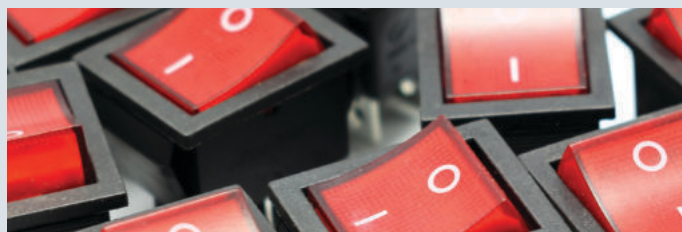


type	size (mm)	d (mm)	L (mm)	I ₁ (mm)	W (mm)	wire (mm ²)	material
KSD 2,8-0,5/Cu	2,8 x 0,5	2,4	15	6,4	2,8	0,5-1	copper
KSD 4,8-0,5/Cu	4,8 x 0,5	3,1	17,5	6,7	4,8	0,5-1	copper
KSD 6,3-0,8/Cu	6,3 x 0,8	3,7	19,7	8,4	6,3	0,5-1	copper
KSH 2,8-0,5/Cu	2,8 x 0,5	3,1	13	6	3,8	0,5-1	copper
KSH 4,8-0,5/Cu	4,8 x 0,5	2,4	15	6,4	5,7	0,5-1	copper
KSH 6,3-0,5/Cu	6,3 x 0,5	3,1	19	7,7	7,6	0,5-1	copper
KSH 2,8-0,5/Sn	2,8 x 0,5	3,1	13	6	3,8	0,5-1	tinned copper
KSH 4,8-0,5/Sn	4,8 x 0,5	2,4	15	6,4	5,7	0,5-1	tinned copper
KSH 6,3-0,5/Sn	6,3 x 0,5	3,1	19	7,7	7,6	0,5-1	tinned copper

STV 15

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250V~/6A



STV 03

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250V~/10A



STV 04

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250V~/10A



STV 07

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250V~/6A



STV 08

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250V~/6A



STV 11

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250V~/6A



STV 12

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 250V~/6A



STV 05

LIGHTING ROCKER SWITCH

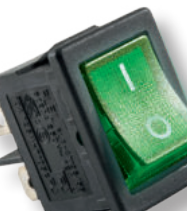
- 2 circuits - 2 positions
- 250V~/6A



STV 06

LIGHTING ROCKER SWITCH

- 2 circuits - 2 positions
- 250V~/5A



STV 01

LIGHTING ROCKER SWITCH

- 2 circuits - 2 positions
- 250V~/10A



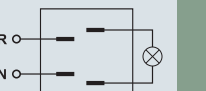
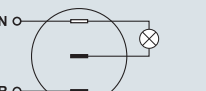
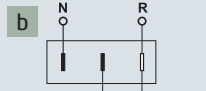
STV 02

LIGHTING ROCKER SWITCH

- 2 circuits - 2 positions
- 250V~/10A



	max.load (V/A)	number of coupled circuits	button/rod/knob positions	size of switch (mm)	mounting size/slot (YxZ or Ø)	mounting depth with terminal (mm)	number of terminals	width of terminals (mm)	type of light source	power supply of light source	switch connection	light source connection
STV 15	250 V~/6 A	1	2 / button	21 x 15	20 x 13	22	3	4,8	glimm	230 V~	1	b
STV 03	250 V~/10 A	1	2 / button	34 x 14	31 x 11	26,6	3	6,3	glimm	230 V~	1	b
STV 04	250 V~/10 A	1	2 / button	34 x 14	31 x 11	26,6	3	6,3	glimm	230 V~	1	b
STV 07	250 V~/6 A	1	2 / button	Ø23	Ø21	24	3	4,8	glimm	230 V~	1	c
STV 08	250 V~/6 A	1	2 / button	Ø23	Ø21	24	3	4,8	glimm	230 V~	1	c
STV 11	250 V~/6 A	1	2 / button	Ø23	Ø21	24	3	4,8	glimm	230 V~	1	c
STV 12	250 V~/6 A	1	2 / button	Ø23	Ø21	24	3	4,8	glimm	230 V~	1	c
STV 05	250 V~/6 A	2	2 / button	21 x 15	20 x 13	22	4	4,8	glimm	230 V~	2	d
STV 06	250 V~/6 A	2	2 / button	21 x 15	20 x 13	22	4	4,8	glimm	230 V~	2	d
STV 01	250 V~/10 A	2	2 / button	32 x 26	31 x 22	27	4	6,3	glimm	230 V~	2	a
STV 02	250 V~/10 A	2	2 / button	32 x 26	31 x 22	27	4	6,3	glimm	230 V~	2	a

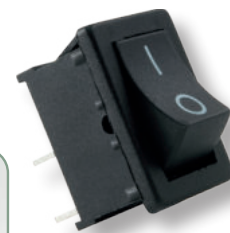




ST 1/BK

MINI ROCKER SWITCH

- 1 circuit - 2 positions
- 250 V~ / 3 A



ST 302

TOGGLE SWITCH

- 1 circuit - 2 positions
- 250 V~ / 3 A



ST 304

TOGGLE SWITCH

- 2 circuits - 2 positions
- 250 V~ / 3 A



ST 303

TOGGLE SWITCH

- 1 circuit - 3 positions
- 250 V~ / 3 A



ST 305

TOGGLE SWITCH

- 2 circuits - 3 positions
- 250 V~ / 3 A



ST 21

TOGGLE SWITCH

- 1 circuit - 2 positions
- 250 V~ / 6 A



ST 22

TOGGLE SWITCH

- 1 circuit - 3 positions
- 250 V~ / 6 A



ST 10/BK

PUSH-BUTTON SWITCH

- 1 circuit - 2 positions
- 250 V~ / 3 A



ST 10/RD

PUSH-BUTTON SWITCH

- 1 circuit - 2 positions
- 250 V~ / 3 A



	max.load (V / A)	number of coupled circuits	button/rod/knob positions	size of switch (mm)	mounting size/slot (YxZ or Ø)	mounting depth with terminal (mm)	number of terminals	width of terminals (mm)	switch connection
ST1/BK	250V~ / 3 A	1	2 / button	21 x 15	20 x 13	18,5	2	4,8	3
ST 302	250V~ / 3 A	1 (switching)	2 / rod	13 x 8	Ø6	15	3	2	4
ST 304	250V~ / 3 A	2 (switching)	2 / rod	13 x 13	Ø6	15	6	2	5
ST 303	250V~ / 3 A	1 (switching)	3 / rod	13 x 8	Ø6	15	3	2	6
ST 305	250V~ / 3 A	2 (switching)	3 / rod	13 x 13	Ø6	15	6	2	7
ST 21	250V~ / 6 A	1 (switching)	2 / rod	29 x 16	Ø11,5	28,2	3	6,3	4
ST 22	250V~ / 6 A	1 (switching)	3 / rod	29 x 16	Ø11,5	28,2	3	6,3	6
ST 10/BK	125V~ / 3 A	1	2 / knob	Ø19	Ø12	28,5	2	2,8	3
ST 10/RD	125V~ / 3 A	1	2 / knob	Ø19	Ø12	28,5	2	2,8	3

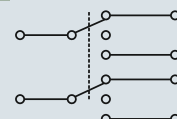
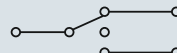
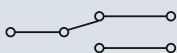
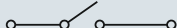
3

4

5

6

7





SP 02/BK

PUSH-BUTTON

- mini closing
- 1 circuit
- black



SP 02/RD

PUSH-BUTTON

- mini closing
- 1 circuit
- red



SP 10/BK

PUSH-BUTTON

- 1 circuit
- closing - OFF - (ON)
- 125 V~ / 3 A



SP 10/RD

PUSH-BUTTON

- 1 circuit
- closing - OFF - (ON)
- 125 V~ / 3 A
- red



SP 12/RD

PUSH-BUTTON

- 1 circuit
- closing - OFF - (ON)
- 250 V~ / 1,5 A
- red



SP 12/GR

PUSH-BUTTON

- 1 circuit
- closing - OFF - (ON)
- 250 V~ / 1,5 A
- green



MSW 13

MICRO SWITCH

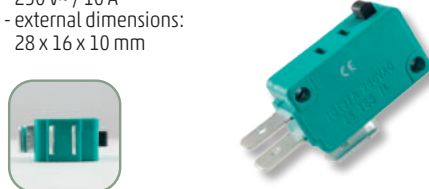
- 1 circuit - alternate - ON - (ON)
- 250 V~ / 5 A - mini, pinch roller
- external dimensions: 20 x 10 x 6 mm



MSW 01

MICRO SWITCH

- 1 circuit - alternate - ON - (ON)
- 250 V~ / 10 A
- external dimensions: 28 x 16 x 10 mm



MSW 03

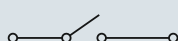
MICRO SWITCH

- 1 circuit - alternate - ON - (ON)
- 250 V~ / 10 A - pinch roller
- external dimensions: 28 x 16 x 10 mm



	max.load (V / A)	number of coupled circuits	button/rod/knob positions	size of switch (mm)	mounting size/slot (YxZ or Ø)	mounting depth with terminal (mm)	number of terminals	width of terminals (mm)	switch connection
SP 02/BK	250 V~ / 1,5 A	1	2 / knob	Ø7	Ø7	15	2	2	3
SP 02/RD	250 V~ / 1,5 A	1	2 / knob	Ø7	Ø7	15	2	2	3
SP 10/BK	125 V~ / 3 A	1	2 / knob	Ø19	Ø12	28,5	2	2,8	3
SP 10/RD	125 V~ / 3 A	1	2 / knob	Ø19	Ø12	28,5	2	2,8	3
SP 12/RD	250 V~ / 1,5 A	1	2 / knob	Ø14	Ø13	21	2	2	3
SP 12/GR	250 V~ / 1,5 A	1	2 / knob	Ø14	Ø13	21	2	2	3
MSW 13	250 V~ / 5 A	1	2 / rod	20 x 11 x 7	20 x 10,7 x 6,5		3	2,8	4
MSW 01	250 V~ / 10 A	1	2 / knob	29 x 16 x 10	29 x 16 x 10,3		3	6,3	4
MSW 03	250 V~ / 10 A	1	2 / rod	29 x 16 x 10	29 x 16 x 10,3		3	6,3	4

3



4





AK 01

LIGHTING TOGGLE SWITCH

- 1 circuit - 2 positions
- 12V



AK 61

ROCKER SWITCH

- 2 circuits - 3 positions
- for window lifter
- (ON) - OFF - (ON)
- 12V



AKV 01

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 12V



AKV 02

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 12V



AKV 11

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 12V



AKV 12

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 12V



AK 11

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 14V



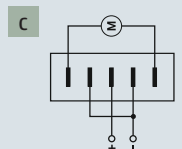
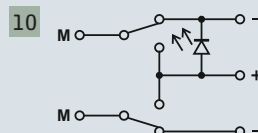
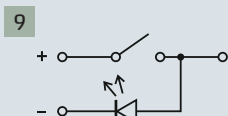
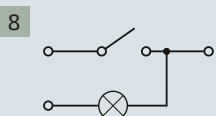
AK 12

LIGHTING ROCKER SWITCH

- 1 circuit - 2 positions
- 14V



	max. load (V / A)	number of coupled circuits	button/rod/knob positions	size of switch (mm)	mounting size/slot (YxZ or Ø)	mounting depth with mechanical lugs (mm)	number of mechanical lugs	width of mechanical lugs (mm)	type of light source	power supply of light source	switch connection	light source connection
AK 01	12V / 20 A	1	2 / rod	25 x 14	Ø12	28	3	6,3	bulb	12V	8	
AK 61	12V / 15 A	2	3 / button	21 x 38	37 x 18	24,5	5	4,8			11	c
AKV 01	12V / 15 A	1	2 / button	21 x 15	19 x 13	22,8	3	4,8	bulb	12V	8	
AKV 02	12V / 15 A	1	2 / button	21 x 15	19 x 13	22,8	3	4,8	bulb	12V	8	
AKV 11	12V / 16 A	1	2 / button	Ø23	Ø20	22,8	3	4,8	bulb	12V	8	
AKV 12	12V / 16 A	1	2 / button	Ø23	Ø20	22,8	3	4,8	bulb	12V	8	
AK 11	14V / 20 A	1	2 / button	Ø23	Ø20	23,5	3	4,8	red LED	12V	9	
AK 12	14V / 20 A	1	2 / button	Ø23	Ø20	23,5	3	4,8	green LED	12V	9	



RINGER**TELEPHONE COMPLEMENT BELL**

- conspicuous sound and light signal
- applicable for all the traditional telephone sets
- adjustable volume
- sound signal can be switched off
- connection cable included (~1,2 m)

**STP 1,5****STP PATCH CABLE**

- CAT 8
- shielded RJ45 connectors
- even up to 40 gigabit speed
- retroactively compatible with CAT6A and CAT5e components
- 1,5 m

**STP 2,5**

- 2,5 m

T 5-5/WH**TELEPHONE CONNECTION CABLE**

- 6P/4C
- plug-plug
- white
- 5 m

**T 5-10/WH**

- 10 m

TK 1/WH**TELEPHONE WIRE**

- 4Cx (7 x 0,12 mm), copper
- 4-wire
- white
- 100 m/spool

**TS 13****TELEPHONE PLUG**

- 6P/4C (RJ 11)
- crimpable type

**TS 51****MODULAR PLUG**

- 8P/8C (RJ 45)
- crimpable type

**TS 51PRO****THROUGH RJ45 PLUG**

- open front side
- faster work, less errors, better contact
- can also be used with traditional press pliers

**TS 52/WH****STRAIN RELIEF FOR RJ-45 PLUG**

- 8P/8C
- protects the plug against damage and contamination
- prevents wire's deflection
- white

**TT 1-1****EXTENDER FOR TELEPHONE WIRE**

- 8P/8C
- socket - socket

**TS 15/WH****EXTENDER FOR TELEPHONE WIRE**

- 6P/4C
- socket - socket
- white

**TS 16-2/WH****DISTRIBUTOR FOR TELEPHONE WIRE**

- 6P/4C
- 1 x plug - 2 x sockets
- white

**TS 17-2****DISTRIBUTOR FOR TELEPHONE WIRE**

- 6P/4C
- 1 x socket - 2 x sockets
- white

**TS 1M/WH****TELEPHONE WALL SOCKET**

- 6P/4C
- self-adhesive
- can be screwed
- white



VBC 200/BK

ACCUMULATOR CLIP 200 A

- insulated
- solderable
- max. 12 V \approx
- length: 150 mm
- black



VBC 200/RD

- red

VBC 100/BK

ACCUMULATOR CLIP 100 A

- insulated
- solderable
- max. 12 V \approx
- length: 110 mm
- black



VBC 100/RD

- red

VBC 7/BK

ACCUMULATOR CLIP 50 A

- insulated
- solderable
- max. 12 V \approx
- length: 100 mm
- black



VBC 7/RD

- red

VBC 30/BK

ACCUMULATOR CLIP 30 A

- insulated
- solderable
- max. 12 V \approx
- length: 75 mm
- black



VBC 30/RD

- red

ALC 4/BK

ALLIGATOR CLIP WITH BANANA TUBE

- insulated
- can be screwed
- length: 65 mm
- black



ALC 4/RD

- red

VCC 3/BK

CROCODILE CLIP

- fully insulated
- solderable
- length: 55 mm
- black



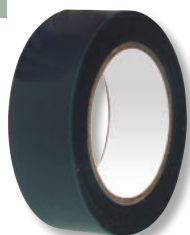
VCC 3/RD

- red

SS SERIES

INSULATION TAPE

1



2



3



4



5



6



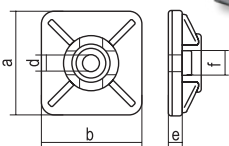
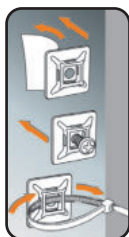
pic.	type	color	length	width	thickness
1	SS 110	black	10 m	19 mm	0,13 mm
5	SS 510	white	10 m	19 mm	0,13 mm
6	SS 910	green/yellow	10 m	19 mm	0,13 mm
1	SS 120	black	20 m	19 mm	0,13 mm
2	SS 220	red	20 m	19 mm	0,13 mm

pic.	type	color	length	width	thickness
3	SS 320	blue	20 m	19 mm	0,13 mm
4	SS 420	green	20 m	19 mm	0,13 mm
5	SS 520	white	20 m	19 mm	0,13 mm
6	SS 920	green/yellow	20 m	19 mm	0,13 mm

CTT 28BK, WH CABLE TIE BASE

WITH THE HELP OF A CABLE TIE PLACED IN THE CABLE TIE BASE, YOU CAN EASILY FIX THE DESIRED OBJECTS TO DIFFERENT SURFACES.

- UV protected, for out- and indoor use
- can be laced from 4 sides
- material: **Nylon66**
- adhesive to surface, self-adhesive
- drillable



	color	a	b	d	e	f
CTT 28BK	black	28 mm	28 mm	6,1 mm	2,3 mm	6 mm
CTT 28WH	white	28 mm	28 mm	6,1 mm	2,3 mm	6 mm

CTS BK, WH CABLE TIE SET

- 4 sizes:
- 30 pcs 3,6 x 250 mm,
- 30 pcs 2,5 x 200 mm,
- 30 pcs 2,0 x 150 mm,
- 30 pcs 1,9 x 100 mm
- recommended for household use
- suitable for marking and fixing
- PA 6.6 nylon material



CTS BK

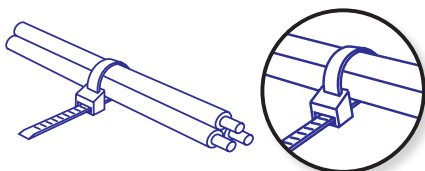
- black

CTS WH

- white

CT CABLE TIES

- transparent and black color
- can't be released
- applicable: **-35 - 85°C**
- resists acids, alkalis, UV radiation
- recommended for outdoor use



type	color	length (mm)	width (mm)	pcs / pack
CT 100/2,5	transparent	100	2,5	50
CT 150/3,5	transparent	150	3,5	50
CT 200/3,5	transparent	200	3,5	50
CT 250/4,8	transparent	250	4,8	25
CT 300/4,8	transparent	300	4,8	25
CT 400/4,8	transparent	400	4,8	25
CT 100/2,5/B	black	100	2,5	50
CT 150/3,5/B	black	150	3,5	50
CT 200/3,5/B	black	200	3,5	50
CT 250/4,8/B	black	250	4,8	25
CT 300/4,8/B	black	300	4,8	25
CT 400/4,8/B	black	400	4,8	25

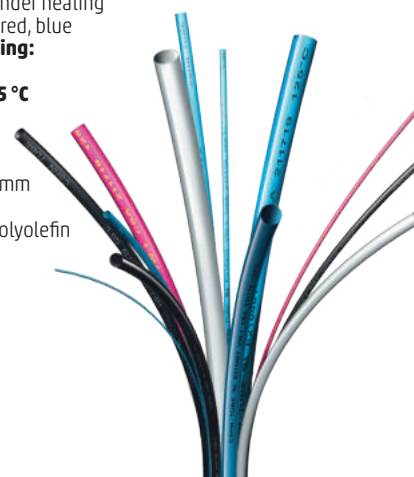
CT SET CABLE TIE SET

- four different colors and sizes
- 25 pcs red 3,6 x 250 mm,
- 25 pcs yellow 2,5 x 200 mm,
- 25 pcs green 2,0 x 150 mm,
- 25 pcs black 1,9 x 100 mm
- recommended for household use
- suitable for marking and fixing
- PA 6.6 nylon material



DRS HEAT SHRINKABLE TUBE

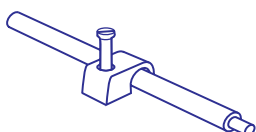
- diameter will reduce by half under heating
- color variations: white, black, red, blue
- temperature range of shrinking: **125°C (90 - 125°C)**
- usability: **between - 55 - 125 °C**
- tension strength: ≥ 12 Mpa
- tensile elongation $\geq 200\%$
- change of length: $\leq 5\%$
- breakdown strength: ≥ 20 kv/mm
- fire resistance: upon VW-1
- material: UV radiation proof polyolefin
- pack: 1 m



type	original diameter	shrunk diameter	color
DRS 2-1/BK	2 mm	1 mm	black
DRS 4-2/BK	4 mm	2 mm	black
DRS 4-2/RD	4 mm	2 mm	red
DRS 4-2/WH	4 mm	2 mm	white
DRS 6-3/BK	6 mm	3 mm	black
DRS 6-3/RD	6 mm	3 mm	red
DRS 6-3/WH	6 mm	3 mm	white
DRS 10-5/BK	10 mm	5 mm	black
DRS 15-7,5/BK	15 mm	7,5 mm	black
DRS 20-10/BK	20 mm	10 mm	black

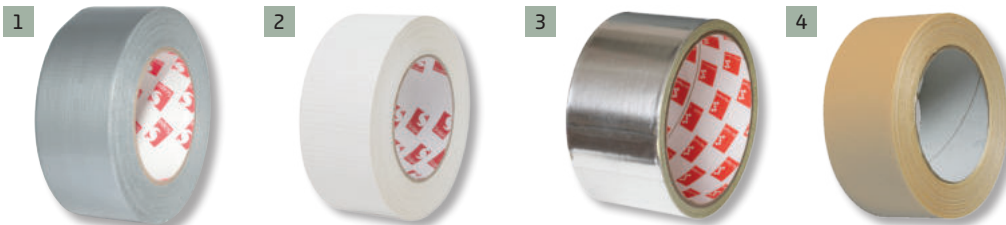
CHR CABLE CLAMP WITH PIN

- for round wire



type	wire diameter	pcs / pack
CHR 5	5 mm	50
CHR 6	6 mm	50
CHR 7	7 mm	50
CHR 8	8 mm	50

ADHESIVE TAPE



pic.	type	designation, characteristics	width	width
1	RS 50	Silver color, textile reinforced adhesive tape for universal application, extremely high breaking strength, very good adhesive properties	50 mm	50 m
1	RS 50/10	Silver color, textile reinforced adhesive tape for universal application, extremely high breaking strength, very good adhesive properties	50 mm	10 m
2	RS 50/WH	White color, textile reinforced adhesive tape for universal application, extremely high breaking strength, very good adhesive properties	50 mm	50 m
3	RSA 50/10	Pure aluminium, 30 microns thick, self-adhesive paper layer at the backside, durable acrylic adhesive layer, UV resistant, excellent adhesion even at high conductivity, reflects heat, ideal to extension mechanical insulation materials without a thermal bridge, duct insulation, shielding, heat dissipation..., masking against mild acids and alkalis, for outdoor and indoor use	50 mm	10 m
4	RS 52/10	Double sided adhesive tape, very strong adhesion	50 mm	10 m

TE01411 (MK T600)

PRECISION CONTACT CLEANER SPRAY, 300 ML

Cleaner for highly sensitive electric components, telecommunication devices, laboratory and industrial devices. It dries without residues.



TE01409 (MK K60)

CONTACT CLEANER SPRAY, 300 ML

For the cleaning of heavily soiled equipment.



TK 460/200

CONTACT CLEANER SPRAY, 200 ML

Chemically active oleaginous agent for the oxide decontamination of electric devices and conductivity restoration.



290505

MOTIP CONTACT CLEANSING SPRAY, 200 ML

For cleaning very sensitive electrical connectors, e.g. cars, connecting relays, dashboards, alarms.



TE01410 (MK K61)

CONTACT CLEANER AND LUBRICATING SPRAY, 300 ML

For the cleaning of heavily soiled equipment. Also provides lubrication.



W 330

MECHANIC GREASE, 300 ML

Food grade lubricating grease, heat resistant up to 160°C. It is excellent against corrosion and for lubrication of bearings, sliding cords, mechanical structures and hinges.



W 340

SILICONE SPRAY, 300 ML

Commonly used in industry and automotive industry for renewal, maintenance and conservation.



TE00318 (MK SZ01)

SILICONE SPRAY, 300 ML

Appropriate for care and preservation and color-refreshing of plastic, leatherettes and rubber surfaces. Surfaces will be bright, less cracked and delays the process of ageing. Suitable for lubricating moving parts.



TE01684 (MK 1684)

AIR SPRAY, 300 ML

Suitable to remove dust from hard-to-reach areas of different electronic equipment, devices, e.g. power supply of computers, keyboards, panels and audio-video devices, also appropriate at cleansing where other tool is not advisable.



290513

MOTIP LABEL REMOVER, 200 ML

Suitable for removing grease, tar, oil, wax, ink, resin, stickers and adhesive remnants on treated and untreated metal, wood, stone and various plastic surfaces.



TE01712

AIR CONDITIONER CLEANSING AEROSOL, 150 ML

Due to special ingredients ideal for odor removal which deposit in the air conditioner's tubes and cause unpleasant smell, providing fresh air in the cabin.



090508

AIR CONDITIONER CLEANSING FOAM, 500 ML

Air conditioner cleaning and anti-bacterial product, ideal for cleaning car and home air conditioners. It provides fresh pleasant scent.



430524

SNOW SPRAY + 6 TEMPLATES, 150ML

Decorative, water-based aerosol. With the help of templates placed in the box, you can create a festive mood on the glass surface. It can be removed with water. Designed for indoor use.



TE01814

ICE SOLVENT, SPRAY GUN, 500 ML

The use of the product is recommended for deicing of vehicles, windows, frozen locks, hand brakes. The melt can be easily removed from the glass surface with a soft cloth or the windshield wiper.



TE00706

LOCK LUBRICANT ICE SOLVENT, 50 ML

Through its special nozzle the active ingredients of the aerosol can easily get into the lock. The lock lubricant ice solvent can also be used in summer for greaseable locks, it gives excellent lubrication and corrosion protection.



TE01431

ICE SOLVENT WITH SCRAPER HEAD, 400 ML

Using the scraper head you can significantly accelerate the melting of the ice sheet. The propellant, due to its special composition, can be used effectively and can be emptied even in extreme cold weather.



A			
AC clamp meter	147		
AC socket and plug	204		
accumulator	66		
accumulator	116		
accumulator clip	210		
adhesive tape	211		
air cleaner	32		
air conditioner cleansing spray	212		
air cooler	24		
air fryer	7		
air fryer	9		
air fryer	10		
air pressure measurer for tires	195		
alarm clock	105, 106		
alligator clip	210		
aroma diffuser	141		
ash cleaner	36		
audio antenna, accessory	195		
audio cable, accessory	200		
audio converter	201		
B			
banana plug and socket	149		
bathroom scale	18		
battery	114, 115		
battery powered table fan	29		
battery tester	149		
blood pressure monitor	144		
bread oven	9		
built-in electric fireplace	33		
C			
cable reel	121, 123, 124		
cable terminal	204		
cable tie	211		
camping lamp	79		
can opener	18		
car compressor	195		
car hifi cable set	188		
car radio	182-184		
car speaker and charger	189		
car speaker pair	186, 187		
car USB charger	192, 193		
carbon monoxide alarm	53, 55		
ceiling lamp	90		
ceiling speaker	171		
ceramic soleplate iron	19		
charger	113		
charger cable	197, 198		
cheese and walnut grater	18		
chopper	14		
cigarette lighter distributor, socket and cable	193, 194		
coffee grinder	16		
coffee maker	8, 15, 16		
coffee pot	16		
contact cleansing spray	212		
contact grill	12		
cooker	17		
crocodile clips	210		
crossover	178, 188		
cutter, spare blade	158		
D			
decorating tube	18		
dehumidifier	31		
desk fan	28, 29		
desk lamp	68		
desktop microphone	174		
digital breathalyser	143		
digital core thermometer	14		
distributor	122, 126-131		
dome tweeter	177		
doorphone	95, 96		
dryer	10		
dry-wet vacuum cleaner	20		
dummy camera	101		
E			
electric grill	11		
electronic insert killer	57, 58		
elektromos kandalló	35, 36, 37		
entry alarm	102		
extension cord	125		
F			
F distributor	203		
fan heater	45, 46, 48		
fitness smartwatch	143		
flashlight	70-77, 83		
floor fan	30		
folding hand trolley	120		
foot pump	195		
fry pan	17		
G			
garage lamp	80		
gas soldering tool	151		
glue gun	153		
glue rod	153		
grounded electric outlet, indoor	138		
grounded electric outlet, outdoor	138		
grounded plug	133		
H			
hair and body hair trimmer set	19		
hair dryer	19		
halogen heater	46		
hand blender	7		
hand blender	15		
hand blender set	15		
hand held fan	29		
hand held magnifier	159		
hand lamp	70, 71		
hand stapler, stapler set	156		
hand tools	160-162		
hand warmer	142		
handheld microphone	174		
head lamp	70, 78, 79, 82		
heat detector	53, 55		
heated seat cushion	142		
heated, electric clothes dryer	49		
heated, electric towel dryer	49		
heater, carbon	51		
heater, ceramic	47, 48		
heater, convector	41, 42		
heater, frost guard	46		
heater, quartz tube	51		
hex key set	154		
hybrid heater	39		
I			
ice solvent spray	212		
indoor antenna	107		
induction hot plate	11		
industrial heater	50		
infrared non-contact thermometer	144		
insulation tape	210		
internet radio	167		
ISO connector and socket	194		
J			
jack plug and socket	201		
jump starter	81		
junction box	138		
K			
kettle	8, 15		
kitchen hood	3, 4, 5		
kitchen robot	7		
kitchen scale	13		
knife	160-162		
koax cable, accessory	202, 203		
L			
lamp for kids	93		
LED floodlight	84-86		
LED furniture lighting	68		
LED lantern	66		
LED light chain	67		
LED light source	91		
LED light strip	92		
LED spotlight	69		
low casserole	17		
M			
magnifying lamp stand	88		
magnifying lamp	88, 89		
mains adapter	67		
mains power adapter	112		
measuring tape	149		
meat grinder	14		
mechanic grease	212		
mechanical timer	137		
MICA convector	43		
micro switch	207		
microphone cable	181		
microphone plug and socket	179		
microphone set	173, 174		
microphone stand	174		

microwave oven7
 microwave oven9
 midrange speaker 177
 milk frother16
 mini oven10
 mist fan25
 mobile air conditioner22, 23
 mosquito net59
 motion sensor lamp69
 multimedia amplifier 166
 multimedia amplifier171
 multimedia speaker pair 164
 multimedia speaker pair 165, 166
 multimeter 146,147

N
 nose hair trimmer19

O
 oil heater44

P
 pan17
 pH tester 143
 plastic foam card18
 pocket radio 169
 portable boom-box 164
 portable electric hotplate11
 portable handheld fabric steamer19
 portable LCD radio 169
 portable multimedia sound box163
 power cable 134
 powerbank81
 powerstation81
 preservation machine10
 pulse oximeter 144
 punch pliers 158
 push-button 207
 push-button switch 206

Q
 quick charger 196

R
 rear camera 185
 remote control 110, 111
 remote control, air conditioner 111
 remote control, universal 111
 remote controllable socket 136, 138
 repellent, animal59, 60
 replacement fluorescent lamp for magnifying lamp89
 retro multimedia player 168
 retro radio 167, 168
 rocker switch 205, 206, 208
 room thermostat55, 56

S
 salt crystal lamp and tea light holder 143
 saucepan17
 screwdriver set 154
 shielded cable 181
 silicone spray 212
 siren 102
 sit-stand workstation 145
 slicer13
 slicer, grinder set14
 smart infrared heater43
 smart consumption meter distributor 135
 smart socket 135
 smoke detector 53, 54, 55
 socket converter adapter92
 solar garden fountain61
 solar garden light 63, 64, 65
 solar garden torch62
 solar panel LED floodlight with motion sensor 86, 87

solar radio 170
 solar wall lamp 62, 66
 soldering gun 151
 soldering gun 151
 soldering iron accessories 151
 soldering iron, accessory 150
 soldering resin 152
 soldering station 150
 soldering tin 152
 sole warming insert 142
 sound box for bands 172
 speaker 171
 speaker box accessories 179, 180
 speaker wire 181
 speakon plug and socket 179
 spectacular fireplace38
 standing fan27
 starter cable 195
 steering wheel tray 195
 subwoofer 185
 switch, indoor 138
 switch, outdoor 138

T
 T distributor 132
 telephone connection cable 209
 telephone connection cable, accessories 209
 telephone plug 209
 temperature and humidity meter 104
 test lead 149
 thermometer 104
 toaster8
 toaster12
 toe warming inserts 142
 tomato masher14
 tool set 154
 tools 155-158
 tower fan26
 trailer connector and socket 194
 travel adapter117-119
 tv wall mount holder 108, 109
 tweeter 177, 178
 tweezers set for technician 159

U
 ultrasonic cold humidifier31
 USB charger 196

V
 vacuum cleaner dust bag21
 vacuum cleaner extension tube21
 vacuum cleaner filter21
 vacuum cleaner head21
 vacuum cleaner mesh storage bag for the accesories21
 vacuum cleaner throat tube21
 video cable, accessories 199
 voltage inverter 190, 191
 voltage stabilizer 112
 voltage tester 148

W
 waffle cup maker12
 waffle maker12
 walkie-talkie 192
 wall fan28
 wall lamp90
 wall-mounted heater40
 water fountain61
 weather station 103
 window insulation for mobile air conditioning23
 wire stripping tool 156, 158
 wireless bell 97-100
 wireless charger 196
 wireless lamp switch 135
 woofer 175
 woofer 175, 176, 185
 worklamp 83, 86



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