

MECHANICS & ACCESSORIES



TABLE OF CONTENTS MECHANICS & ACCESSORIES**BROADCAST / DATA / MULTIMEDIA COMPONENTS**

- Multimedia rack 19" and accessories 313
- Blank panels 318

MULTICORE SYSTEM COMPONENTS

- 19" rack inserts, drawer 318
- MP-adapters 319
- 19" panels 319
- 19" panel casings 320
- Stagebox empty casing Plug Mama MKII, 19" Series, THE BOXX MKII 321
- Cable drums, stackable 323
- Cable drums by **SOMMER CABLE** 323
- Cable drums by Schill 324
- Cover panels, transport devices for cable drums 325

STUDIO & STAGE EQUIPMENT/ACCESSORIES

- Protective bags for multiple plugs, splices, casings 326
- Cable channels 326

INSTALLATION/PREMADE ACCESSORIES

- Insulating tubing, shrink tubing 327
- Shrink tubing 328
- VELCRO tapes 328
- Cable binders, Spiral tubing 329
- Cable cleaner 329
- Cable labels 329
- Gaffa tapes, insulating tapes 330

CABLE WORK AIDS

- Multicore case drum system 331
- Professional winders 331
- Unwinders and rewinders 332
- Floor rollers 332
- Cable cutting scissors 333
- Meter counters 333
- E/H field measuring units 333

TOOLS/MEASURING UNITS

- E/H field measuring units 334
- Cable testers 334
- Generators, analyzers 334
- Assembly tools, stripping pliers 335
- Contact/cold spray, fine cleaner, label remover 335
- Wire end sleeves, silver solder 336
- Crimping pliers 336



Broadcasting / data / multimedia components ► **MULTIMEDIA RACK 600**

19" cabinet, modular, 600 mm wide. This rack was especially designed for the multimedia market and developed in compliance with Guidelines and Standards IEC 60297-2, DIN 41494, Parts 1 and 7, ANSI/EIA-310-D, and UNE 20539-2.

Basic equipment:

- Rack construction made of pre-fabricated aluminum profiles
- 4 steel profiles for individual height adjustment
- Variable height adjustment for the 19" profile rails
- The front door has an aluminum frame with 5 mm thick safety glass with integrated lock, spring-swivel-system
- The rear wall also has a lock and snap on hinges
- Rear cable opening, either top or bottom
- Turning quick release lock for the side walls and the vented upper cover
- Connecting corner pieces in a light blue colour made of ABS
- Feet adjustable in height
- Max. load: statical 500 kg, on rolls 300 kg
- The patented quick release lock MultiLock allows for simple assembly with the MultiTool

Color: Charcoal grey, powder-coated, connecting corner pieces, similar to RAL 5007

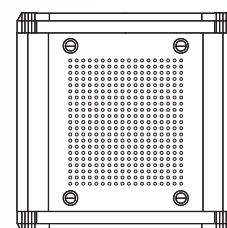
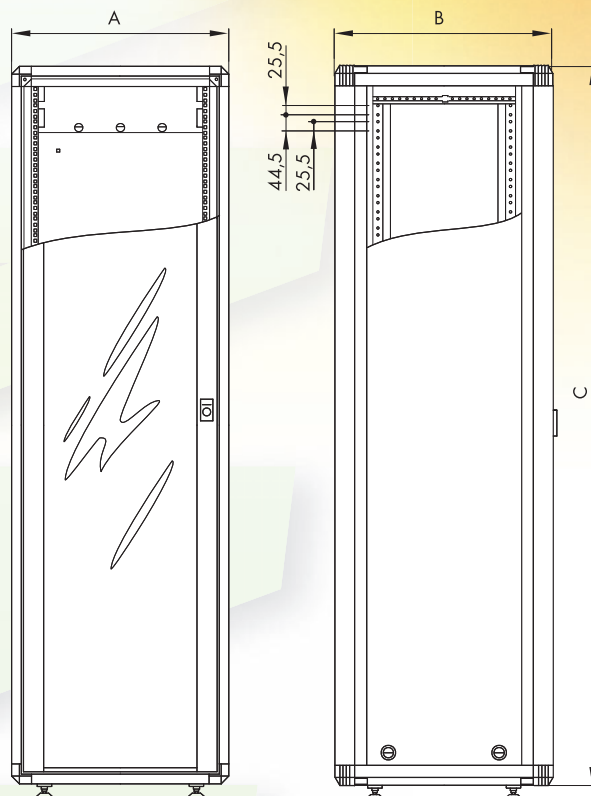
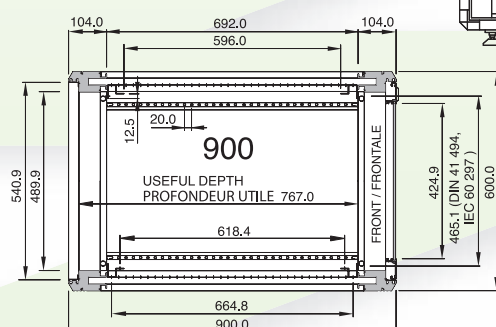
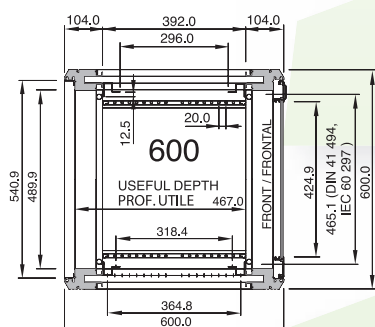
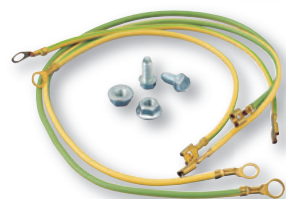
Supplied: Partially assembled in packaging suitable for transport

ORDER-NO.	19"	U	A	B	C
CM-32210312	*	12	600 mm	600 mm	644 mm
CM-32210318	*	18	600 mm	600 mm	911 mm
CM-32210324	*	24	600 mm	600 mm	1178 mm
CM-32210330	*	30	600 mm	600 mm	1445 mm
CM-32210336	*	36	600 mm	600 mm	1711 mm
CM-32210836	*	36	600 mm	900 mm	1711 mm
CM-32210342	*	42	600 mm	600 mm	1978 mm
CM-32210842	*	42	600 mm	900 mm	1978 mm
CM-32210347	*	47	600 mm	600 mm	2200 mm
CM-32210847	*	47	600 mm	900 mm	2200 mm

Included in the supply:

Grounding set

Height-adjustable feet



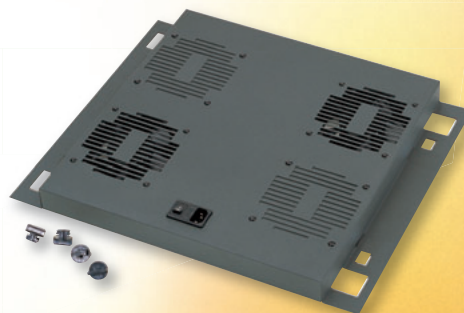
Broadcasting / data / multimedia components ▶ **ACCESSORIES MULTIMEDIA RACK 600****Venting inserts**

Developed for installation on the floor or top of the cabinet, therefore no loss of space. Assembly is possible without the use of tools (manual turning lock). Ready-to-assemble 1 mm thick steel paneling with integrated air vents, incl. safety device, ON/OFF switch, and cooling unit socket (without cable).

Color: charcoal grey, powder-coated
Included: 1 venting insert and mounting material
Accessories: venting insert with analog thermostat, (see page ff.)

Technical data:

Ball bearing ventilator
 Power supply: 220 - 230 V AC / 50-60 Hz
 Power consumption: approx. 15 W
 Air flow: approx. 175 m³/h
 Noise level: up to 41 db/A
 Speed: 2600 - 2900 U/min.
 Operating temperature: -40 °C ... +70 °C



ORDER-NO.	WIDTH	DEPTH	NO. VENTS	THERMOSTAT
CM-32215662	600 mm	600 mm	2	
CM-32215663	600 mm	600 mm	2	*
CM-32215664	600 mm	600 mm	4	
CM-32215665	600 mm	600 mm	4	*
CM-32215682	600 mm	900 mm	2	
CM-32215683	600 mm	900 mm	2	*
CM-32215684	600 mm	900 mm	4	
CM-32215685	600 mm	900 mm	4	*

**Analog thermostat for rack assembly**

Thermostat for climate control inside the rack at a temperature range of +6 °C ... +28 °C. Simple assembly inside the rack possible.

Supply voltage: 230 V AC/ 50 Hz, CE-certified
Included: 1 thermostat, grey-white, similar to RAL 9002

ORDER-NO.

CM-32155108

**Digital thermostat for front assembly**

Fast and simple temperature monitoring during operations.

The temperature can be read from the outside. Ready to assemble into a 19" front panel, 1 U height.

Included: 1 thermostat, 1 U front panel, 1 temperature sensor

Technical data:

Temperature range: -50 °C ... +130 °C
 Supply voltage: 230 V AC/50 Hz
 Alarm and CE-certified

ORDER-NO.

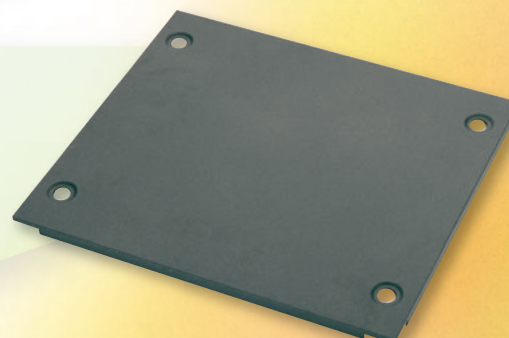
CM-32215810

**Cover without vent**

- 0.8 mm thick steel paneling with 4 quick-release locks
- With grounding flag (6.3 x 0.8 mm)

Color: charcoal grey, powder-coated
Included: 1 cover and 4 quick-release locks

ORDER-NO.	WIDTH	DEPTH
CM-32215366	600 mm	600 mm
CM-32215368	600 mm	900 mm



Connecting hardware for multiple assembly

Fast and simple system to stack several cabinets.

Included: rubber pad (adhesive on one side),
4 threaded nuts, 4 screws

ORDER-NO.**CM-32215710****Floor cover**

Made of 1 mm thick steel paneling, either closed, vented, or with a fine filter insert. The 3-part design ensures simple and fast assembly and has different infeed options for the cable.

Color: charcoal grey

Included: bottom plate in three parts with mounting screws

ORDER-NO.	WIDTH	DEPTH	PLAIN	VENT
CM-32215306	600 mm	600 mm	*	
CM-32215308	600 mm	900 mm	*	
CM-32215326	600 mm	600 mm		*
CM-32215328	600 mm	900 mm		*

Socket paneling

Rails made of steel paneling, 2 mm thick. Simple assembly with pressing rivets to cover the adjusting feet or rollers.

Color: charcoal grey, powder-coated

Included: 4-part socket rail set with pressing rivets

ORDER-NO.	WIDTH	DEPTH
CM-32215466	600 mm	600 mm
CM-32215468	600 mm	900 mm

Pull-out drawer on telescope tracks

Made of 1.5 mm thick steel paneling with venting slots. Simple assembly on sliding tracks, mounted to the profile tracks of the cabinet with 4 brackets. Depending on the drawer depth the brackets are adjustable to 600 or 900 mm. Max. load capacity for the drawer is approx. 45 kg.

Color: charcoal grey, powder-coated

Included: 1 drawer, 1 pair of sliding tracks with assembly hardware

ORDER-NO.	DEPTH
CM-32215660	600 mm
CM-32215680	900 mm

Pull-out drawer on telescope tracks for front assembly

Made of 1.5 mm thick steel paneling with venting slots. Suitable for lighter weights, e.g. keyboards, control panels, etc. Assembly onto front profiles with 4xM6 screws at a distance of 2 U. Standard depth 280 mm, max. load capacity for the drawer is approx. 10 kg.

Color: charcoal grey, powder-coated, sliding tracks, black, tin-plated

Included: 1 drawer with polyamide handle, black RAL 9004, 1 pair of sliding tracks with assembly hardware

ORDER-NO.	DEPTH
CM-32215907	280 mm

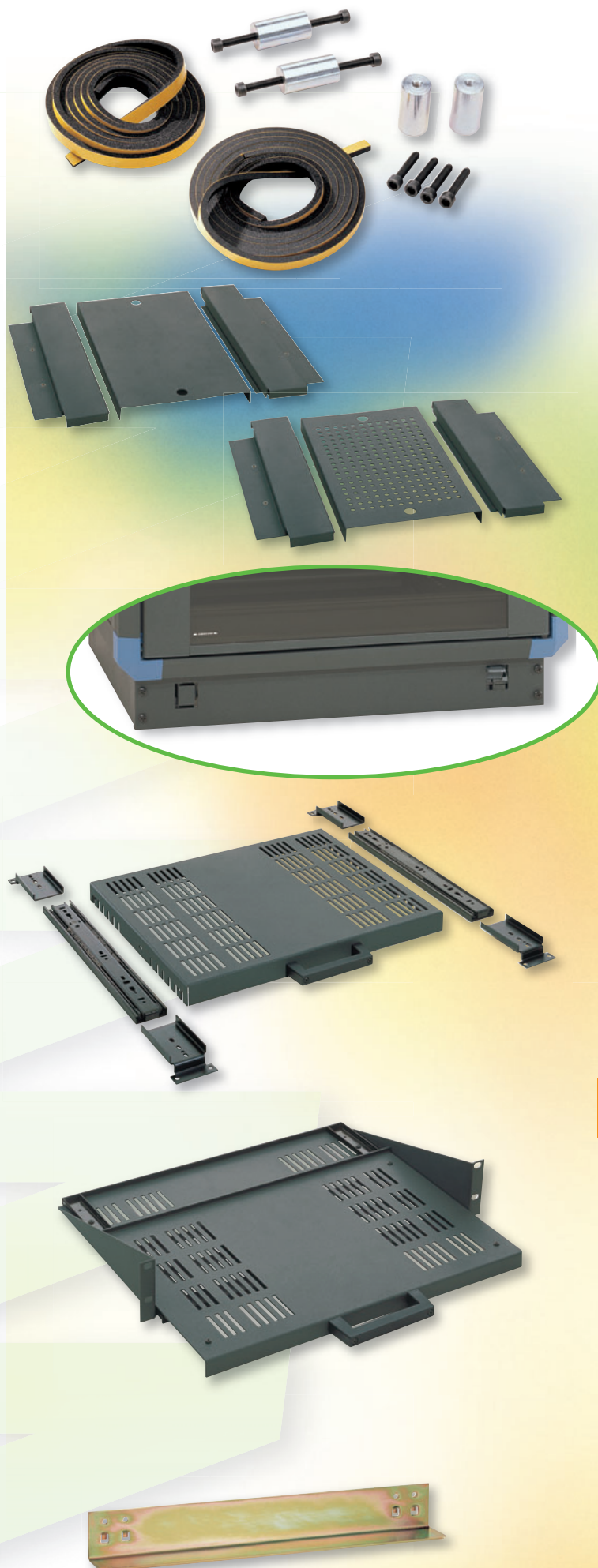
Snapping support tracks

The height-adjustable 2 mm thick support tracks can be installed on hooks in 2 mounting locations. In addition they can be fastened with plastic rivets and are used for the installation of heavy 19" assemblies, secured on the profile rails for added stability.

Color: 2 galvanized, tin-plated steel panels

Included: 1 pair of support tracks with 4 plastic rivets

ORDER-NO.	DEPTH
CM-32215776	600 mm
CM-32215779	900 mm



Cable guide arm

Made of 1.5 mm thick steel paneling, enables clear, structured guiding of cables at full length.

Included: 1 cable guide arm

ORDER-NO.

CM-32215520

Telescope tracks in 1 U design

Telescope tracks in 3 parts, made of steel paneling, in a 1 U design, for installation on profile rails. Supported by two pick-ups each, which can be mounted to the 19" profile rails with M6 screws. This type of installation allows for the depth to be adjusted independent of the respective application. The tracks can only be pulled out 3/4 of the way, but can be separated easily with the unhooking clips (LockOut).

Maximum load: 35 kg/pair

Color: steel paneling, black, tin-plated

Included: 1 pair of tracks, 4 pick-ups, and installation hardware

ORDER-NO.**DEPTH**

CM-32215416

600 mm

CM-32215418

900 mm

Vertical cable channel

A simple construction with the cable guided along the side of the rack. The cables can be packed very tightly with welded cable clamps. Depending on the application, the depth of the side profiles can be adjusted at two mounting points. Material thickness: 1.5 mm thick steel paneling.

Color: charcoal grey, powder-coated

Included: 1 pair of cable guide tracks with installation hardware

ORDER-NO.**WIDTH****DEPTH**

CM-32215600

600 mm

600 mm

CM-32215800

600 mm

900 mm

19" cable channel

Designed for horizontal installation to the front profiles, this module guides and distributes the cables inside of the cabinet. Material thickness: 1.5 mm thick steel paneling with welded chambers and rounded corners.

Color: black, similar to RAL 9004, powder-coated

Included: 1 cable guide plate with installation hardware

ORDER-NO.

CM-32215505

19" cable infeed guide with brushes

Clean cable routing in and out of the rack. The cables are safely guided through the opening using a brush, this keeps dust from getting inside the rack. Material: 1.5 mm thick steel paneling.

Color: black, similar to RAL 9004, powder-coated

Included: 1 cable panel with attached brush

ORDER-NO.

CM-32215510

19" cable infeed panel

Available in 1 U or 2 U, for simple cable infeed. Material: 1.5 mm thick steel paneling

Color: black, similar to RAL 9004, powder-coated

Included: 1 cable panel

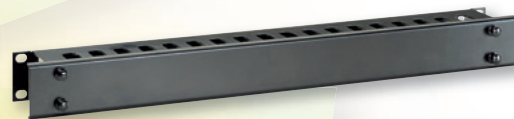
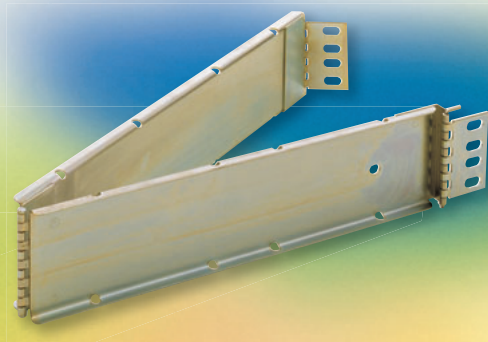
ORDER-NO.**HEIGHT**

CM-32150121

1 U

CM-32215508

2 U



19" DIN top-hat rail

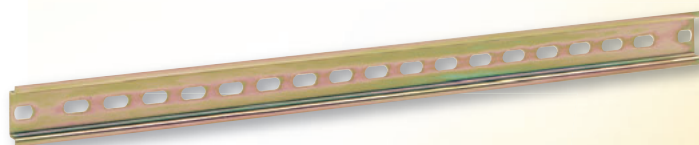
For quick release component mounting that can be installed in the top-hat rail with DIN mounting clamps. Material: 1.5 mm thick steel paneling.

Color: yellow, passivated

Included: 1 x 19" DIN top-hat rail

ORDER-NO.

CM-32155145

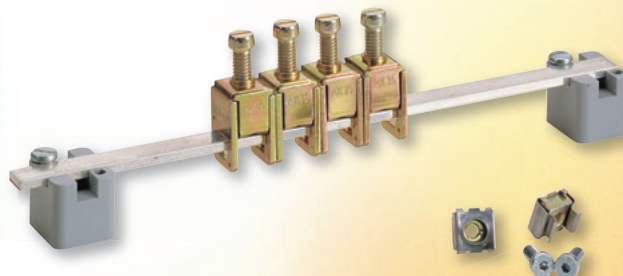
**Grounding track**

For different grounding cables to be kept in one location for common grounding.

Included: 2 plastic spacers, 200 mm long
tin-plated copper track and 4 clamping blocks

ORDER-NO.

CM-32155140

**Set of rollers**

One set of rollers includes 4 fully movable double rubber rollers, two of them with a locking brake. The roller guides are made of hardened steel, with double ball bearings and solid tin-plating.

Maximum dynamic load: 240 kg/4 rollers

Included: 4 rollers, 2 with locking brake,
assembly hardware

ORDER-NO.

CM-32150068

**Document compartment**

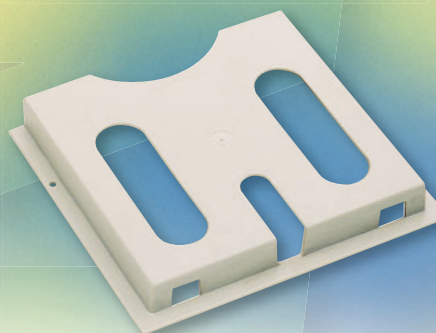
Document compartment made of ABS, self-sticking, DIN A 4 format.

Color: grey-white, similar to RAL 9002

Included: 1 document compartment

ORDER-NO.

CM-32155132

**Connecting corner pieces and quick release closures**

The connecting corner pieces are usually supplied in black. In addition 4 more colors (blue, green, red, and orange) are available, incl. matching quick release closures ideal for individual design concepts (e. g. corporate identity or other applications on multimedia racks).

ORDER-NO.

CM-32215730

COLOR

blue

CM-32215725

black

CM-32215735

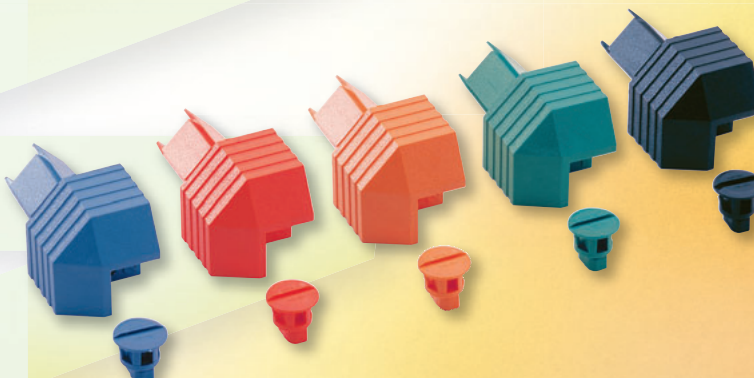
orange

CM-32215740

green

CM-32215745

red



Broadcasting / data / multimedia components ▶ **EMPTY PANELS**

Now you can even buy holes...

shaped like punched empty blanks and made of robust VA steel. We offer four different models with universal D-holes and antenna sockets.

There are many applications for these blanks: They can either be used as wall or table sockets, or for conferences.

The holes are pre-punched and the paneling has an outside curvature of 4 mm.

Dimensions: W x H x D (114 mm x 68 mm x 4 mm).

ORDER-NO. VERSION

LB1D 1 x universal D-hole

LB2D 2 x universal D-hole

LB1D1A 1 x universal D-hole+ antenna hole

LB1A 1 x antenna hole



LB1D



LB2D



LB1D1A



LB1A

Multipair system components ▶ **VARIOS 19" RACK INSERTS/RACK DRAWERS/DRAWERS/SERVICE FLAPS**

There are a lot of great rack inserts available on the market for your DVD player, effect unit, or expander. But there is a well known problem: the units are often so light that they slide back and forth during operation!

Now there is a 19" rack insert made by **SOMMER CABLE** with a track, universally adjustable on the side and also the height, this will keep your unit from sliding. Gives safe storage for units measuring less than 43 cm.

The rack insert **VARIOS REF19**, in a typical **SOMMER CABLE** charcoal grey, is made of twist-proof 1.5 mm thick steel panel and will support units with a weight of more than 15 kg.

As a simpler version we offer a 19" rack drawer.

And a high quality rack drawer with various features:

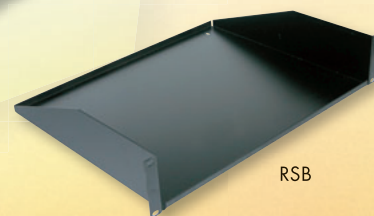
Continuous front grip rail, lock with 2 keys, high quality workmanship.

A 2 U foam block is available as an accessory.

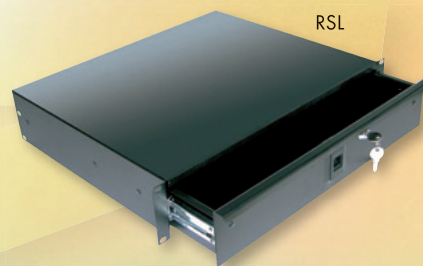
The service flaps are made of solid metal and high quality workmanship.

REF19
(adjustable)

RSB



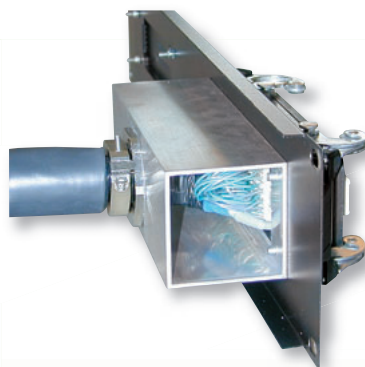
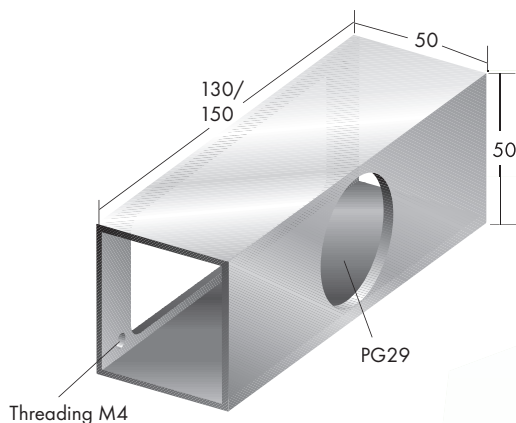
RSL



RSK



ORDER-NO.	DESCRIPTION	DIMENSIONS
REF19-2U	rack insert	2 U, 295 mm deep
REF19-3U	rack insert	3 U, 295 mm deep
REF19-4U	rack insert	4 U, 295 mm deep
RSB19-1U	rack drawer	1 U
RSB19-2U	rack drawer	2 U
RSB19-3U	rack drawer	3 U
RSB19-4U	rack drawer	4 U
RSL19-2U	drawer	2 U, 365 mm deep inside, 368 mm deep outside
RSL19-3U	drawer	3 U, 365 mm deep inside, 368 mm deep outside
RSL19-4U	drawer	4 U, 365 mm deep inside, 368 mm deep outside
RSL19-6U	drawer	6 U, 365 mm deep inside, 368 mm deep outside
RSL-SCH	foam block for drawer	2 U
RSL-6MI	micro-insert for 6 U drawer with 25 microphones	
RSK-U	service flap, metal	160 mm, 19"
RSK-6U	service flap, metal	6 U, 19"

Multicore system components ▶ **MULTIPIN ADAPTER ↔ PG29**

Multipin adapters on PG are often required for rear rack wiring. Here a multipin housing CHI16/CHI24 on 1 x PG29 can be wired very nicely.
Size 50 x 50 x 150 mm

ORDER-NO. **W x H x D [mm]**

MP16-PG29 130 x 50 x 50

MP24-PG29 150 x 50 x 50

Multicore system components ▶ **19" PANELS**

A 19" panel is not just...

a piece of steel paneling with holes, but an important tool for media and stage rack wiring. These panels should not only have a strong wall thickness and an indestructible coating, but should also be constructed to withstand large strains and pressure without collapsing. The front panels are made of black powder-coated steel paneling with a wall thickness of 1.5 mm or 2 – 3 mm (depending on the version). To fulfill the high demands placed on quality each punched hole is precisely calculated for clear and sensible placement, and of course, all our panels have a stabilizing "U-fold".

The panels are not numbered. You can label them yourself or use our writable **magnetic strips (order-no. ZSPB)** or **numbered strips (order-no. NSPB...)**.

Panels with universal, punched holes are usually equipped with an integrated cable strain relief. Of course we also manufacture special versions beginning at a quantity of 50 pieces, precise plans and drawings must be provided. Please send them to us via fax or eMail under **info@sommercable.com**.

Rack panel, empty

Empty panel for covering, filling, or do-it-yourself assembly

ORDER-NO.	VERSION	HEIGHT	WEIGHT [kg]
PA-BL0,5	1.5 mm aluminum	0.5 U	0.250
PA-BL1	1.5 mm aluminum	1 U	0.500
PA-BL1-SO	1.5 mm aluminum + logo	1 U	0.500
PA-BL2	1.5 mm aluminum	2 U	1.500
PA-BL3	1.5 mm aluminum	3 U	2.000
PA-BL4	1.5 mm aluminum	4 U	2.500



PA-BL1



PA-BL1-SO

Rack panel, venting

Venting panel with vent openings, either holes or venting slots

ORDER-NO.	VERSION	HEIGHT	WEIGHT [kg]
PA-LU1	2 mm steel	1 U	0.160
PA-LU2	2 mm steel	2 U	0.260
PA-LU3	2 mm steel	3 U	0.380
PA-LU4	2 mm steel	4 U	0.500

**Rack panel, venting, with venting holes**

Venting panel with vent openings, see picture

ORDER-NO.	VERSION	HEIGHT	WEIGHT [kg]
PA-L1V3	1 vents	3 U	0.660
PA-L2V3	2 vents	3 U	0.540
PA-L3V3	3 vents	3 U	0.420

**Rack panel, universal D-series** for XLR, jack plug, Speakon NL4MP, BNC, etc.

1 U version with integrated cable strain relief in grey

2 U version, strain relief with ZEPB available, color black

ORDER-NO.	VERSION	HEIGHT	WEIGHT [kg]
PB06X	6 holes	1 U	0.320
PB08X	8 holes	1 U	0.300
PB12X	12 holes	1 U	0.140
PB16X	16 holes	1 U	0.130
PB16X2	16 holes	2 U	0.210
PB24X2	24 holes	2 U	0.200
PB32X2	32 holes	2 U	0.240



Rack panel with multipin punched tabs

With punched holes for multipin connectors made by Harting, Ilme, etc. Version PMP2X2 can be equipped with a CHI 16 or a CHI 24 without the use of an adapter plate, version PMP6X3 with a CHI16. The PMP6X4 panels have punched holes for a CHI24.

ORDER-NO.	VERSION	HEIGHT	WEIGHT [kg]
PMP2X2	2 punched holes	2 U	0.600
PMP6X3	6 punched h. (CHI16)	3 U	0.840
PMP6X4	6 punched h. (CHI24)	4 U	0.950

Rack panel, with BNC holes

With 16 or 32 punched holes for screwable standard BNC sockets that can be secured on the back with a counter-nut.

ORDER-NO.	VERSION	HEIGHT	WEIGHT [kg]
PUHF16X	16 holes	1 U	0.300
PUHF32X2	32 holes	2 U	0.600

ORDER-NO.	VERSION	HEIGHT	WEIGHT [kg]
PSUB09-8	8 x SUB-D09/15HD	1 U	0.300
PSUB25-8	8 x SUB-25	1 U	0.300

Magnetic labeling strips

ORDER-NO.
ZSPB

Universal labeling strips with an adhesive surface of 443 mm, for do-it-yourself assembly with paper strips, 9 mm in size. The overall height incl. carrier is 11 mm.

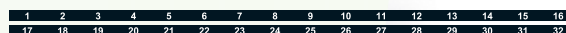
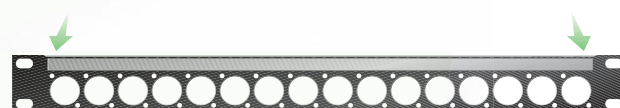
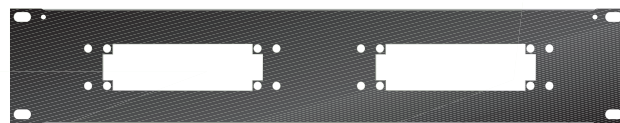
ORDER-NO.	HEIGHT
P19-BS09	9 mm

Numbered strips suitable for the following loaded panels

ORDER-NO.	VERSION
NSPB16	number 1 - 16
NSPB32	number 17 - 32

Lacing bar

ORDER-NO.
ZEPB

**Multicore system components ▶ PANEL CASINGS****PANEL CASING 19"**

for do-it-yourself assembly, 19" panels up to 4 U

ORDER-NO.	VERSION	W x H x D [mm]
G1900	empty/ 4 U output MP, incl. adapter panel on PG29	483 x 180 x 60

19" INSTALLATION SETS

ORDER-NO.	CONTENTS
S-RACKSCREW	4 rack screws with 4 torsion-proof washers
S-RACKNUT-1	4 crown nuts for rack profile with clamping spring
S-RACKNUT-2	4 square tab nuts for simple rack profile
S-RACKNUT-3	4 captive nuts for 1.5 mm steel track of rack (suitable for G1900)
S-RACKNUT-4	4 captive nuts for 3.0 mm aluminum track on rack

Multicore system components ▶ stagebox empty casings ▶ **PLUG MAMA MK II***An extremely robust...*

and compact stagebox in a modern, well thought out panel design. Each box has punched holes for universal XLR connectors (e.g. NEUTRIK D-series), as well as **SOMMER CABLE** universal multipin holes for 16- and 24-pin rectangular and LK37-pin round connectors with the optional adapter plate AP-24-LK37. Many other adapters can be installed on the adapter panels shown on the following pages.

APPLICATION:

- Stage and live stagebox
- Sub-distribution for keyboard or drums
- Fixed installation
- Floor and wall installation

PRODUCT ADVANTAGES:

- Compact and suitable for multiple set-up with a modern and ergonomic panel design
- No tripping over the connecting cable with the outlet located on the side
- Better overview even in bad lighting, because inputs are clearly separated from outputs
- Enormously scratch-resistant with special double lacquered coating
- Large and clear numbering on in- and outputs

PLUG MAMA, empty casing

ORDER-NO.	VERSION	H x W x D [mm]
900-0106	12 in / 4 out	145 x 145 x 308
900-0126	24 in / 8 out	145 x 263 x 308
AP-4D-B	blank cover with 4 punched holes Plug Mama	
PM-LITE	lighting set with 9 V compartment, LED green and switch for PLUG MAMA MK II	

THE 19" SERIES*Go ahead, step on me, I can take it!*

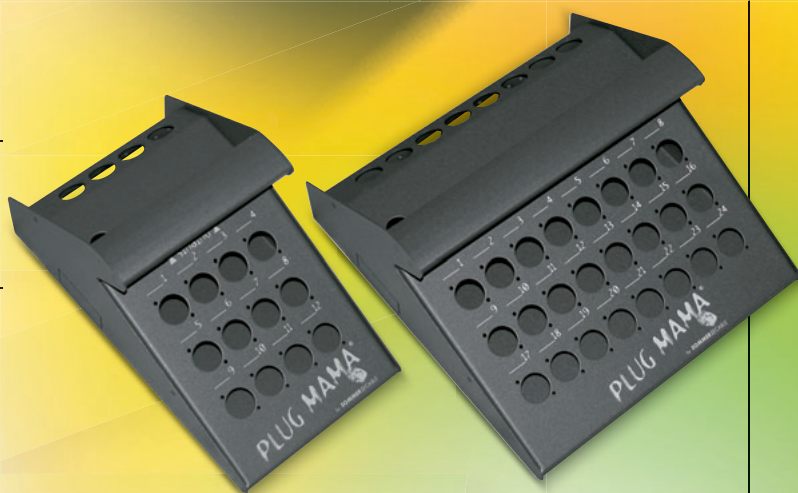
A sophisticated and almost indestructible 19" stagebox for studio and live applications. The punched holes are intended for universal XLR plug connectors (e.g. NEUTRIK D-series) and imprinted with large numbers. The 19" flange on the side is removable for floor and wall installation. The front of the unit has 1 or 2 multipin panel holes for up to 2 adapter panels (BB1948 only). Screws and rubber feet are included in the delivery.



Now with 48 x XLR, 4 x multipin rectangular or 4 x LK punched holes, 85 – 150-pin available
Attention! Adapter panels also have to be ordered!

19" SERIES, empty casing

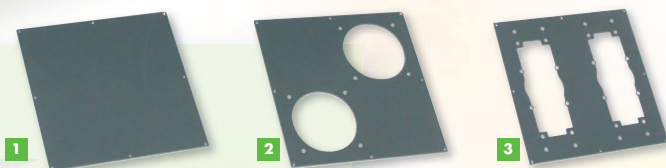
ORDER-NO.	VERSION	W x H x D
BB1924N	24 holes/1 x Multipin panel hole	19" x 4 U x 94 mm
BB1932N	32 holes/1 x Multipin panel hole	19" x 5 U x 94 mm
BB1940N	40 holes/1 x Multipin panel hole	19" x 6 U x 94 mm
BB1948N	48 holes/2 x Multipin panel holes	19" x 8 U x 94 mm



Rainer Blanck

Our new...

...**PLUG MAMA MK II, THE BOXX MKII**, as well as the **SYSEX** have been restyled to reflect the **SOMMER CABLE** design. The new design with punched universal multipin holes allows installation of all common rectangular multipins, as well as 37-pin LK or PG29 outputs.*

**Adapter panel for BB-series – please include in the order**

ORDER-NO.	DESCRIPTION	PICTURE
BB-AP-LB	Blank cover	1
BB-AP-2LK	Adapter panel for 2 x LK85/150	2
BB-AP-2MP	Adapter panel with 2 universal-multipins*	3
S-M3x10SS5-I	Screw set for 25 pcs. for BB-AP	

Multicore system components ▶ stagebox empty casings ▶ **THE BOXX MK II****THE BOXX** BY SOMMER  CABLE*A lot for your money...*

that is what you will get when you buy our well priced floor stagebox

THE BOXX MK II.

It is made of powder-coated steel paneling of the highest quality, has a practical stage design with a handle.

The universal D-holes are suitable for all plug connectors with common D-flange casing. The 2-part casing is solidly assembled with M3 counter-sunk screws (Torx), which also hold the 4 rubber feet in place. At the side of the casing towards the back is a treaded multipin punched hole. It can hold 16- and 24-pin rectangular multipin connectors, or alternately, with optional adapter plate AP-24-LK37, a 37-pin round plug connector.

Many other multipin connectors can be attached to the casing using the adapter panels listed below.

APPLICATION:

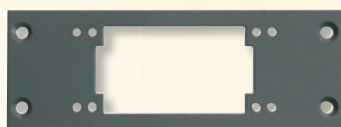
- Stage and live stagebox
- Sub-distributor box
- Fixed installation

PRODUCT ADVANTAGES:

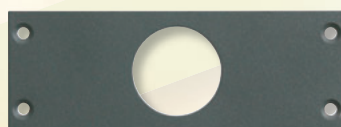
- Excellent quality for the price
- Comfortable and precise casing assembly possible
- Optional connection of various multipin connectors

**THE BOXX MK II Empty casing**

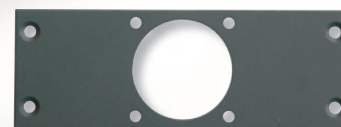
ORDER-NO.	DESCRIPTION	W x H x D [mm]
TBH08	THE BOXX 8 x hole D-type / output multipin 16/24/37 universal	195 x 211 x 80
TBH12	THE BOXX 12 x hole D-type / output multipin 16/24/37 universal	195 x 261 x 80
TBH16	THE BOXX 16 x hole D-type / output multipin 16/24/37 universal	195 x 311 x 80
TBH24	THE BOXX 24 x hole D-type / output multipin 16/24/37 universal	195 x 411 x 80
TBH32	THE BOXX 32 x hole D-type / output multipin 16/24/37 universal	195 x 511 x 80



AP-24-10/06



AP-24-PG29



AP-24-LK37

Universal multipin adapter panel – also suitable for THE BOXX MK II, PLUG MAMA MK II, and the 19"-series

Holes flush, multipin hole with M4 threading, 4 x M4 x 10 counter-sunk screws TORX included in the supply.

ORDER-NO.	DESCRIPTION
AP-24-B	blank cover for MP24
AP-24-10/06	adapter panel MP24 ↔ MP10/6
AP-24-PG29	adapter panel MP24 ↔ PG29 (for PG21 use RZG29-21)
AP-24-LK24	adapter panel MP24 ↔ CIRLK24 and CIRLK25
AP-24-LK37	adapter panel MP24 ↔ CIRLK37
AP-24-SIEM30	adapter panel MP24 ↔ Siemens type male/female, 30-pin
AP-48-LK150	adapter panel MP 2 x 24 ↔ CIRLK85, CIRLK100, and CIRLK150 (only fits 19"-series)



TORX-SET-SBB



TORX-SET-SBS

Torx bit and pin wrench sets for installation of THE BOXX MK II and SYSBOXX

ORDER-NO.	CONTENTS
TORX-SET-SBB	torx set bits: 6, 8, 10, 20
TORX-SET-SBS	torx set pin wrenches: 6, 8, 10, 20

Multicore system components ▶ cable drums + equipment ▶ **CABLE DRUMS, STACKABLE**

The tough rollers...

are gaining popularity, then with this roller despite the length of a cable, it can be transported just about everywhere.

These stackable cable drums are very reasonably priced. They are made of black 20 mm thick steel piping and are mostly used to wind up heavy multipairs (such as

the MBMB). Each drum has a retractable handle and a compartment for cable end pieces and splices. The floor piping on all drums is pre-drilled for installation of all solid rubber rollers commonly available on the market.



Cable intake chart, max. length in meters

Diameter	SD045-350	SD045-440
12 mm	230	320
16 mm	135	180
20 mm	80	120
24 mm	60	80
28 mm	40	60
30 mm	36	52
32 mm	32	45

Weight	16 kg	17.5 kg
Dimensions in mm	530 x 450 x 480	680 x 450 x 480

Multipair system components ▶ **CABLE DRUMS by SOMMER CABLE**

SOMMER CABLE CABLE DRUM, FULLY METAL

Without wheels you will just have to walk...

but moving is easier when the drum is on wheels. This drum can be put to use wherever heavy multipairs with excessive length must be transported fast and safely.

The drum is available with our pre-punched XLR front panel "RUND16 / 32 and 40".

PRODUCT ADVANTAGES:

- Easy to move with a height-adjustable handle and large solid rubber wheels
- Clean and smooth run due to double suspension
- Even unwinding and fixing possible with variable brake
- Extremely long life with steel pipe rack and retractable handle

APPLICATION:

- For transmission vehicles and construction sites
- Convertible for use as a stagebox



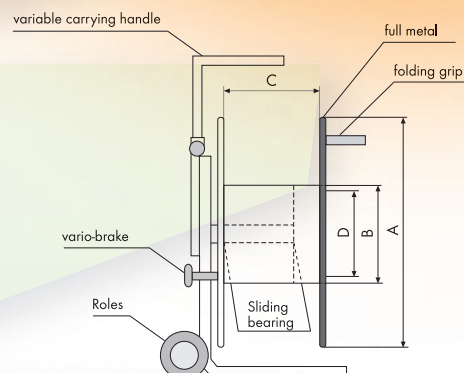
Made in Germany

Cable pick-up chart

Max. length	SD 050	SD 060
Cable-Ø 10 mm	207 m	359 m
Cable-Ø 15 mm	81 m	158 m
Cable-Ø 17 mm	70 m	103 m
Cable-Ø 22 mm	34 m	74 m
Outer dim. [WxHxD]	560 x 500 x 340 mm	680 x 600 x 340 mm

Dimensions

A	500 mm	600 mm
B	315 mm	315 mm
C	220 mm	220 mm
D	302 mm	302 mm



Multicore system components ► CABLE DRUMS by SCHILL

Roll over Beethoven...

or anyone else for that matter. These are the official cable drums for musicians, soundmen, and broadcasting technicians. The handle is so constructed that there is plenty of room between you and the drum, therefore your legs will never get hit. These drums are resistant to chemicals, gasoline, and oil. All drums are equipped with a brake. They have a large winding core, a cable infeed resistant to bending, and an effective strain relief for sensible cable handling. Models GT310 and GT450 have a drum made of almost indestructible black solid rubber (not available in orange). It is especially recommended for everyday use on stage.

You can download dimensioned drawings from our homepage www.sommecable.com. Here you can also find our cable length configurator to help you find out which drum is suitable for your cable length.

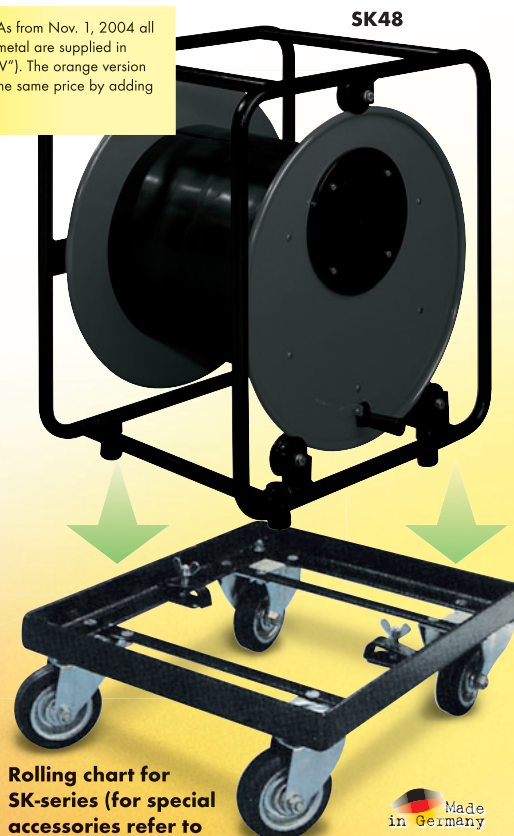
The drums are empty, i.e. they are delivered without cable and cover. We have the complete Schill-assortment in stock – just ask us!



ATTENTION: As from Nov. 1, 2004 all Schill drums in metal are supplied in standard black ("SW"). The orange version can be ordered at the same price by adding OR to the order-no.



HTS380 with KOMB.RM and shelf for stagebox TBS24



Rolling chart for SK-series (for special accessories refer to the next page)

Made in Germany



HT582 with KOMB.RM (order separately)

Driving rack for HT- and GT-series – refer to next page

HT480 with KOMB.RM (order separately)

HT300K with KOMB.RM (order separately)



SK46

Dimension and cable pick-up chart (cable length configurator – refer to www.sommecable.com)

ORDER-NO.	GT235	GT310	GT380	GT450	HT300K	HT380	HTS380	HT381	HT480	HT481	HT482	HT582	SK4600.RM	SK4601.RM	SK4602.RM	SK4822
Outer-Ø [mm]	235	310	380	445	300	380	380	380	460	460	460	580	460	460	460	460
Core-Ø [mm]	135	170	236	295	178	178	178	240	178	240	320	320	280	280	280	320
Wind. width [mm]	110	112	166	177	142	142	142	170	142	170	170	170	250	350	500	336
Wind. length/max. [m]																
Ø 7.0 mm	60	120	220	290	110	200	200	195	340	350	250	530	450	630	900	500
Ø 8.0 mm	40	90	170	210	85	150	150	140	245	255	180	390	330	460	660	360
Ø 9.0 mm	31	75	150	150	75	115	115	105	180	190	135	300	250	350	500	270
Ø 11.0 mm	23	45	100	110	40	80	80	75	155	155	100	220	180	250	350	190
Ø 12.0 mm	20	35	74	95	36	70	70	65	120	120	85	180	150	210	310	170
Ø 13.0 mm	15	30	65	70	33	60	60	60	100	110	75	160	140	190	260	140
Ø 14.0 mm	11	25	58	60	25	50	50	50	85	85	60	140	110	160	220	125
Ø 15.0 mm	-	21	42	63	-	40	40	40	70	70	50	100	100	140	190	100
Ø 17.0 mm	-	18	34	46	-	-	-	33	-	50	40	80	75	105	145	85
Ø 20.0 mm	-	-	23	27	-	-	-	25	-	40	33	60	45	75	105	55
Ø 23.0 mm	-	-	-	25	-	-	-	15	-	33	25	50	40	60	85	50
Ø 25.0 mm	-	-	-	24	-	-	-	-	-	-	20	40	33	50	70	40
Ø 27.0 mm	-	-	-	-	-	-	-	-	-	-	15	33	30	40	60	30
Ø 30.0 mm	-	-	-	-	-	-	-	-	-	-	10	25	20	30	50	20

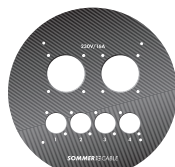
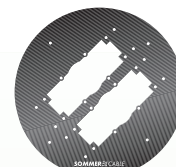
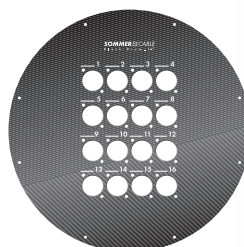
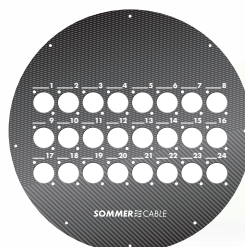
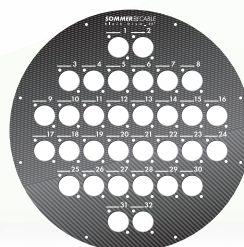
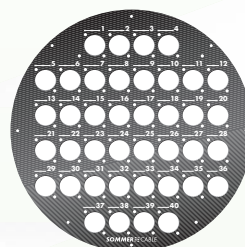
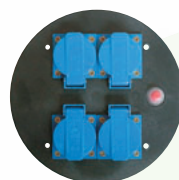
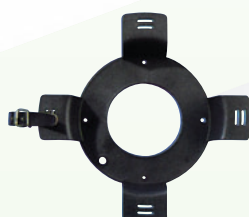
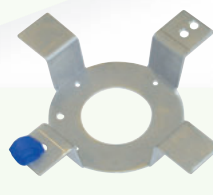
Multipair system components ▶ **CEILING MODULES, TRANSPORT DEVICES***Time to hit the drums...*

for the newly designed cover panels made by **SOMMER CABLE**. They are made of coated 2 mm thick steel paneling in charcoal grey.

Multipins RUND-MP01 and RUND-MP02 are seated in the same multi-functional punched holes as on **THE BOXX MK II** and **PLUG MAMA MK II**. The pre-cut M4 threading makes assembly especially fast and easy.

Suitable adapter panels (e.g. for LK37, Siemens, etc.) can be found a few pages in front under "Adapter panel THE BOXX".

Now the blue 3-pin CEE-socket (Mennekes) can also be installed very easily (pre-cut threading) on panel RUND0202 and RUND0204, next to the Schuko plug socket. The large round panels RUND16 to RUND40 can be directly installed on the drum with the RUND-FL (6 holes in a circular array of 27.5 cm must be applied to the drum).

**RUND01****RUND0204****RUND04****RUND08****RUND12****RUND-MP2****RUND-LK85****RUND16****RUND24****RUND32****RUND40****RUND-FL****KOMB.SO****KOMB.MD4****KOMB.RM****KOMB.RM-ALU****FS450**

ORDER-NO.	DESCRIPTION	
RUND01	front panel with 1 D-hole (XLR, etc.)	suitable for GT310, HT and SK model
RUND0204	front panel with 2 Schuko or CEE3-blue holes + 4 D-holes (XLR, etc.)	suitable for GT310, HT and SK model
RUND04	front panel with 4 D-holes (XLR, etc.)	suitable for GT310, HT with core-Ø 240 and SK model
RUND08	front panel with 8 D-holes (XLR, etc.)	suitable for GT310, HT and SK model
RUND12	front panel with 12 D-holes (XLR, etc.)	suitable for GT310, HT and SK model
RUND-LK85	front panel with 1 LK-hole for LK85, LK150	suitable for GT310, HT and SK model
RUND-MP01	front panel with Sommer universal multipin hole *(not shown)	suitable for GT310, HT and SK model
RUND-MP02	front panel with 2 x Sommer universal multipin hole *	suitable for GT310, HT and SK model
RUND16	front panel with 16 D-holes (XLR, etc.)	suitable for GT450 and SD model
RUND24	front panel with 24 D-holes (XLR, etc.)	suitable for GT450, HT and SK model
RUND32	front panel with 32 D-holes (XLR, etc.)	suitable for GT450 and SD model
RUND40	front panel with 40 D-holes (XLR, etc.)	suitable for GT450 and SD model
RUND-AP	front panel with retention for small round panels RUND0204, RUND-MP etc.	suitable for GT450 and SD model
RUND-FL	separator flange for stagebox drum installation	suitable for Hannay AV1, AV2, SD046 and HT model
KOMB.SO	blank cover, plastic	suitable for GT310, HT and SK model
KOMB.380.SO	blank cover, plastic	suitable for GT380
KOMB.450.SO	blank cover, plastic	suitable for GT450, SD model
KOMB.RM	winding accessory, for cable splice	suitable for GT310, HT and SK model
KOMB.RM-ALU	winding accessory, metal	suitable for GT310, HT and SK model
KOMB.MD4	front panel with 4 Schuko plug sockets	suitable for GT310, HT and SK model
TW4600	transport chart for drum SK4600	solid rubber wheels (picture, see front pages)
TW4601	transport chart for drum SK4601	solid rubber wheels (picture, see front pages)
TW4602	transport chart for drum SK4602	solid rubber wheels (picture, see front pages)
FS450	driving rack for drum GT450	with height-adjustable steel pipe handle
FST480	driving rack for drums HT480, HT481, HT482, HT582	

* for suitable adapter plates for PG29, LK37, Siemens type male – see THE BOXX accessories

Studio- & stage equipment / accessories ► **PROTECTIVE BAGS***It does not matter...*

what shape, the protective bag will keep your multipin connectors safe from impact, splash water, and other inconvenient interferences...

Since January 2005 the bags are available in different sizes – also for installation at a later time – suitable for all common multipin and LK connectors made by ILME, LK, HARTING, VEAM, AMPHENOL, etc.

**ORDER-NO. SUITABLE FOR...**

1 BAG-CAV-O	all MPs, straight output, later assembly
2 BAG-CAV	all MPs, straight output
3 BAG-CAO-O	all MPs, side output, later assembly
4 BAG-CAO	all MPs, side output
5 BAG-CHV	all flat MPs, straight output
6 BAG-LK-O	all LK cable plugs and sockets, later assembly
7 BAG-SIEM-O	30-pin Siemens type male/female + triax connectors, later assembly
8 BAG-SPLICE	splice up to 1.5 m in length, later assembly
9 BAG-BOXX	19" stagebox 2 U, later assembly, ideal protection for stage sub-distributors + 19" components or stageboards

Studio & Stage Equipment / Accessories ► **CABLE CHANNELS***Unmercifully...*

that is how some supply cables are stepped on in crowds or flattened by the tour truck. These compact, low, modular cable channels are the solution and offer optimum protection for your cables.

Also they save you the time-consuming task of checking and sorting out the cables after the event. "So you can do it all again tomorrow!"

The cable channels are made of light-weight, impact-proof plastic, with a yellow cover and comply with the applicable warning and safety norms.

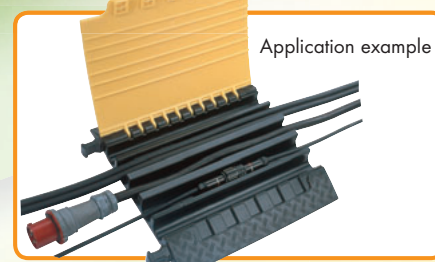
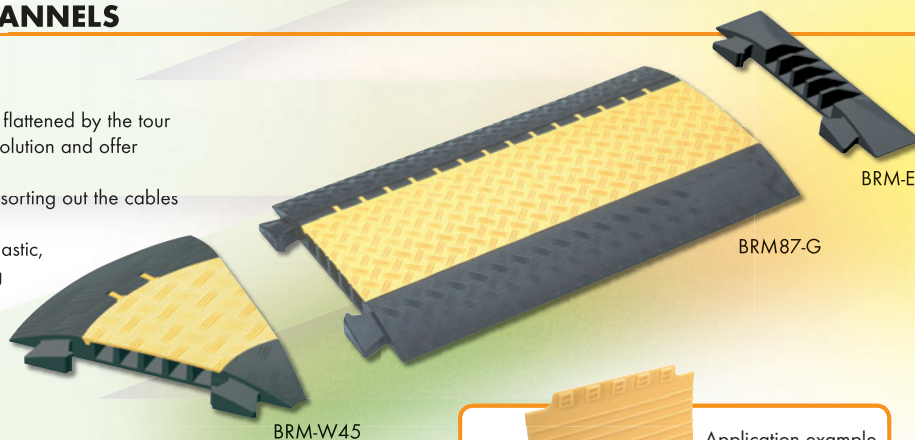
The ideal "security" for all professional VA-technicians.

B x H outside: 535 x 50 mm

B x H inside: 5 channels 35 mm x 35 mm each

Weight: approx. 13 kg per lfd. m

Color: black with yellow cover

**ORDER-NO. DESCRIPTION**

BRM87-G	Cable channel straight, 870 mm
BRM-W45	Cable channel with 45°-angle
BRM-E	End piece for cable channel

Installation / premade accessories ▶ shrink tubing ▶ **INSULATING TUBING PVC***By the running meter!*

This insulating tubing can be used to protect multipair wire pairs. The inside diameter of 3 mm is ideal for almost all common foil-insulated multipairs. The insulating hose is somewhat more robust, attractive, and much more reasonably priced than shrink tubing – and – it is much easier to pull over the wire pairs. New is the transparent insulating tubing with an inside diameter of 4.0 mm. It is ideal for the protection of

numbered wire pairs. And you will save time and money. For fixing you can use shrink tubing BPDW, for coding shrink tubing BP.

The insulating tubing is available in black, green, and transparent.

Insulating tubing made of PVC

ORDER-NO.	INNER-Ø	CONTENTS	COLOR
ABC10030401	3.0	500 m	black
ABC10030409	3.0	500 m	green
ABC10040501	4.0	100 m	transparent

Installation / premade accessories ▶ shrink tubing ▶ **SHRINK TUBING with INSIDE ADHESIVE***Long and thick!*

This shrink tubing made of radial polyolefine has an adhesive coating on the inside. It complies with MIL-I23053/4. The shrinking temperature is > 120 °C. The black shrink tubing is especially suitable for splices, repair work, or strain-resistant connections. The transparent version is perfectly suitable for cable and

plug labeling.

The shrinking rate is 3:1, making it suitable for almost all diameters. This shrink tubing should not be missing in any assortment.

Advantages: Water tight, labels do not slip, attractive optics

Shrink tubing with inside adhesive, length 1.20 m

ORDER-NO.	Ø BEFORE SHRINKING	COLOR
BPDW120-12/04-SW	12.0 mm	black
BPDW120-18/06-SW	18.0 mm	black
BPDW120-24/08-SW	24.0 mm	black
BPDW120-39/13-SW	39.0 mm	black
BPDW120-12/04-TR	12.0 mm	transparent
BPDW120-18/06-TR	18.0 mm	transparent
BPDW120-24/08-TR	24.0 mm	transparent
BPDW120-39/13-TR	39.0 mm	transparent



Universal shrink tubing, incl. adhesive for repairs, length 0.26 m, black, for Ø 10.0 – 40.0 mm.

Rough up the cable jacket... preheat it to approx. 60 °C... place the sleeve around the damaged area... apply the closing track and heat up until adhesive protrudes. Then cut off any protruding material.

ORDER-NO.

BPDW026-SW

Installation / premade accessories ▶ shrink tubing ▶ **SHRINK TUBING in DISPENSER BOXES***The Shrinktube Music Box*

The box holds very high quality, enduring shrink tubing made of polyolefine in a handy shape. The dispenser box is ideal for shop use or mobile applications. The shrink tubing complies with the international specifications for professional use. The shrinking rate is 2:1. To obtain the final shrinking value you simply have to divide the pre-shrunk diameter by 2.

Available in colors – please add the **color code** to the order-no.: black (**SW**), white (**WS**), red (**RT**), yellow (**GE**), blue (**BL**), green/yellow (**GN**), and transparent (**TR**). Order example: **BT-48/SW**

Shrink tubing in dispenser box

ORDER-NO.	Ø BEFORE SHRINKING	CONTENTS
BT-12/COLOR	1.2 mm	10 m
BT-16/COLOR	1.6 mm	10 m
BT-24/COLOR	2.4 mm	10 m
BT-32/COLOR	3.2 mm	10 m
BT-48/COLOR	4.8 mm	10 m
BT-64/COLOR	6.4 mm	5 m
BT-95/COLOR	9.5 mm	5 m
BT-127/COLOR	12.7 mm	5 m
BT-190/COLOR	19.0 mm	5 m
BT-254/COLOR	25.4 mm	3 m

TECHNICAL DATA

Shrinking rate:	2:1
Application temperature:	-55 °C / +135 °C
Flammability:	Fire-resistant and self-contaminating
Shrinking temperature:	> 100 °C
Disruptive strength:	> 20 kV/mm according to IEC 243
Specifications:	UL224 125 °C, except transparent
Insulating material class:	B, according to VDE 0530



Installation / premade accessories ► **SHRINK TUBING****SHRINK TUBING SET, NUMBERED***These short...*

pieces of shrink tubing are used for numbering and coding of multipair splices. The numbers from 0 – 9 can save you a lot of time and you will be able to immediately identify the assignments on your multipair. For 2-digit labeling you can simply slide two pieces of shrink tubing side by side. The shrinking rate is 3:1 with a fixing length of 20 mm.

Shrink tubing, numbered**ORDER-NO. Ø BEFORE SHRINKING CONTENTS****BP105-3,2x20** 3.2 50 pcs. (5 x 0 – 9)**SHRINK TUBING SET, LABELLED***Extremely practical...*

are the shrink tubing sets for multipair splice coding.

The fixing length of the shrink tubing is 90 mm, the shrinking rate 3:1.

For enduring readability in extreme conditions we recommend that a 120 mm long piece of the transparent BT-48/TR, or the BT-95/TR for the somewhat thicker speaker coding, be used to cover the labels.

HellermannTyton
A SPRENT Company

Shrink tubing sets, labelled**ORDER-NO. Ø BEFORE SHRINKING CONTENTS**

BTN-CH01-08	Ø 4.8 mm (black)	Channel 1 – Channel 8
BTN-CH09-16	Ø 4.8 mm (blue)	Channel 9 – Channel 16
BTN-CH17-24	Ø 4.8 mm (black)	Channel 17 – Channel 24
BTN-CH25-32	Ø 4.8 mm (blue)	Channel 25 – Channel 32
BTN-CH33-40	Ø 4.8 mm (black)	Channel 33 – Channel 40
BTN-CH41-48	Ø 4.8 mm (blue)	Channel 41 – Channel 48
BTN-RT01-12	Ø 4.8 mm (red)	Return 1 – Return 12
BTN-SP01-04	Ø 9.5 mm (black)	Speaker 1 – Speaker 4

Installation/ premade accessories ► **VELCRO TAPE***Like glue...*

these tapes will hold wound cables and other things together. We offer two qualities, one for occasional use and one for frequent professional use.

The cable binders with treatable PA-plastic (KLETT..P) or a metal loop (KLETT..M) are incredibly robust and intended for **stage and live sound**. The cable binders with metal loop and KLETT13-200.. are available with adhesive flaps in colors black (**SW**), blue (**BL**), red (**RT**), green (**GN**), or yellow (**GE**). Please add the color code to the order-no. Also available is VELCRO by the meter (hooks in front – fleece on the back) for **control cabinet installation** (Fig. A) and the elimination of annoying cable salad (Fig. B + C), as well as self-adhesive black edge protection tape (KLETT..F) or adhesive dots (Ø 47 mm with hooks or fleece) – ideal for **stage and event construction** and scratch-resistant underlayment for **casings and HiFi-components** (Fig. D).

ORDER-NO.	W x L (mm)	COLOR	PACKAGING
KLETT13-200-..	7 x 200	please state	10 pcs.
KLETT25-300-SW	17 x 300	black	10 pcs.
KLETT25P-360-SW	25 x 360	black	10 pcs.
KLETT50P-810-SW	50 x 810	black	10 pcs.
KLETT25M-300-..	25 x 300	please state	10 pcs.
KLETT50M-500-GE	50 x 500	yellow	10 pcs.
KLETT50M-800-GE	50 x 800	yellow	10 pcs.
KLETT10-GN	10 x infinite	green	25 m
KLETT20-SW	20 x infinite	black	25 m
KLETT19F-SW	19 x infinite	black	25 m roll
KLETT47-SW	Ø 47 - dots	black	10 pair

**KLETT20-SW****KLETT25-300-SW****KLETT19F-SW****KLETT47-SW****KLETT25P-360-SW****KLETT25M-300-..****KLETT50M-500-GE**

Sample applications:

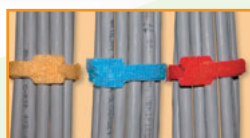


Fig. A



Fig. B



Fig. C



Fig. D

Installation / premade accessories ► **CABLE BINDERS***Who would have thought...*

that there are differences in quality among cable binders. Here we have compiled a small, suitable program with uncompromising elasticity and closing safety. The MK20 processing tool tightens and cuts cable binders up to a width of 4.8 mm without excess. Ideal for on-site installations.

Cable binders, black – packaging 100 pcs.

ORDER-NO.	SIZE	PACKAGING
KABI3,5-150-SW	3.5 x 150 mm	100 pcs.
KABI4,6-200-SW	4.6 x 200 mm	100 pcs.
KABI7,8-540-SW	7.8 x 540 mm	100 pcs.
KABI7,8-750-SW	7.8 x 750 mm	100 pcs.
MK20	Tool for up to 4.8 mm	1



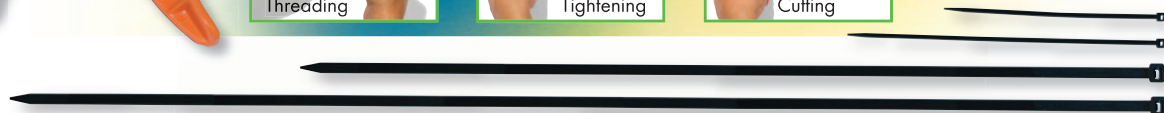
Threading



Tightening



Cutting

Installations / premade accessories ► **SPIRAL TUBING***An entire bundle...*

HellermannTyton
A SPIRINT Company

of cables can be wound up simply and efficiently, giving a clear overview and optimum protection. Installation is easy with the applying tool enclosed. Ideal for control cabinet and line installations, or for installation in the office. The material is PP. Temperature range: -60 °C... +110 °C, halogen-free, oil-resistant, self-extinguishing accord. to UL94HB, available in grey (**GR**) or black (**SW**). Please add the color code to the order-no.

ORDER-NO.	Nom. size	Wall thick.	Length
SPS15-2000-..	16 mm	0.95 mm	2.0 m
SPS25-2000-..	25 mm	1.05 mm	2.0 m



Large gaps in the slotted area make simple and clean branching possible.

Studio & stage equipment / accessories ► **CABLE CLEANER***"What a drag..."*

it is to wind up or clean a messy, dirty cable. From now on no more cumbersome cleaning will be necessary! You will really be surprised how this magic rag will remove all dirt. Even sticky, dried up dirt can be removed very easily. The cable will look like new and the **Cable Cleaner** does not harm the cable in any way. The combination of the cloth fibres and the special chemical cleaner make the **Cable Cleaner** an outstanding product and a great help for quick and easy cable cleaning. The tissues also last a long time. Make your life easier by using these small, helpful things. You will save a lot of time. Simply try them out!

ORDER-NO.	CONTENTS
CABLECLEAN	70 cleaning tissues in a dispenser box

Installation / premade accessories ► **CABLE LABELS***He who writes...*

HellermannTyton
A SPIRINT Company

stays informed about where each cable leads to. The patented labeling system **RiteOn** from **HellermannTyton** can be applied fast and uncomplicated to all installations and repairs – even later on. The label with vinyl protection foil can be written on with a special marking pen and is available in the colors white (**WS**), blue (**BL**), red (**RT**), green (**GN**), orange (**OR**), or yellow (**GE**). Please add the color code to the order-no. The size of the writeable surface is 12.7 x 12.7 mm.

ORDER-NO.	W x H	Color	Contents
RITEON-..	12.7 x 38.1 mm	please state	200 pcs.
RITEPEN-SW	marking pen	black	2 pcs.



Installation / premade accessories

GAFFA TAPES, INSULATING TAPES

Stick that...

cable to your floor or light traverse.

ADVANCE supplies a series of high quality tapes with excellent tearability and gluing properties, free of remnants, but with great adhesion.

- We offer Gaffa Tapes in three qualities, the **AT0165**, a standard adhesive tape with good adhesive properties, and the **AT0202**, free of residues for professional stage technologies and live sound. Practical is the **AT0202** in a 10 m pocket format – ideal for all trapeze artists with little room to work in.
- The original Gaffa Tape **AT0200** is also suitable for professional video technologies, because the mat black is absolutely non-reflective.
- The warning band **AT0008H** is yellow and black for identification of obstacles (stairways, tripods, etc.).
- The anti-slipping tape **AT2000** can be used as an anti-slipping base for e.g. stairsteps, ladders, etc.
- The dance floor adhesive tape **AT0209-TR** is transparent and suitable for unobtrusive connection of dance floor elements, as well as electrical repairs.
- The **AT0840-CR** is a double-sided adhesive tape with a different adhesive power on each side. This makes it suitable for short term adhesion and removal without residue, e.g. for floor covering on stage and at exhibitions.
- For labeling, e.g. of mixing panels, you can use the **AT211-WS**. It is heat-resistant up to 80°C and can be removed free of residue.
- The **AT0201-SET** is ideal for labeling of film reels with different colors.
- The electrical insulating tape **AT0007** is available in black, red, and grey, and as a rainbow pack with 10 different color rolls – see photograph.
- The **AT4000** is suitable for the identification of phases in electrical installation.

The following tapes are available in packs of 10 rolls:

3 x L1, 2 x L2, 1 x L3, 3 x N, 1 x green/yellow

APPLICATION:

Electrical, live sound, outdoors, safety, churches, theatres, sets, film, video, construction, sanitary installation.



BEST QUALITY TAPES!

AT0165-SI



AT0202



AT0008H-GS



AT0200-SW



AT0209



AT0202-10

AT211-WS



AT2000



AT0840



AT4000



AT0007-RAINBOW

**GAFFA adhesive tapes**

ORDER-NO.	W x L [mm x m]	COLOR	Adhes. strength	No residue	Non-reflective	Flame-retardant	Vertical tear	Water-resistant
AT0165-SW	50 x 50	black	++	+	-	+	+	+
AT0165-SI	50 x 50	silver	++	+	-	+	+	+
AT0165-WS	50 x 50	white	++	+	-	+	+	+
AT0202-10SW	50 x 10	black	++	+	-	+	+	+
AT0202-10SI	50 x 10	silver	++	+	-	+	+	+
AT0202-SW	50 x 50	black	++	++	-	+	+	+
AT0202-SI	50 x 50	silver	++	++	-	+	+	+
AT0202-WS	50 x 50	white	++	++	-	+	+	+
AT0200-SW	50 x 50	black	++	++	++	++	+	+
Warning tapes								
AT0008H-GS	50 x 33	ye/bl	++	+	-	-	-	+
Non-slipping tapes								
AT2000-SW	50 x 18	black	++	-	++	-	-	++
AT2000-GS	50 x 18	ye/bl	++	-	++	-	-	++
Dance floor adhesive tapes								
AT0209-TR	50 x 33	transparent	++	+	+	+	-	+
Double-sided adhesive tapes								
AT0840-CR	50 x 25	creme	++	++	-	-	-	+
Labeling tapes								
AT211-WS	19 x 50	white	+	++	+	-	-	-
AT0201-SET	19 x 25	8 colors	++	+	-	+	+	+
Electrical insulating tapes								
AT0007-SW	19 x 33	black	++	+	-	++	-	++
AT0007-RT	19 x 33	red	++	+	-	++	-	++
AT0007-GR	19 x 33	grey	++	+	-	++	-	++
AT0007-RAINBOW	15 x 10	10 colors	++	+	-	++	-	++
AT4000	15 x 10	L1-L3+N+E	++	+	-	++	-	++

Cable working tools ► **MULTICORE CASE DRUM SYSTEM MISTER WHEELER***The magic box...*

It really reminds you of the magicians act when you pull out and rewind the heavy multicore cable. Thick cables are not only heavy, but often they are also very stubborn to handle. For long cable lengths two people may be needed.

No problem for **MISTER-WHEELER**: Like a carousel the plastic ring drum turns inside the case, and the cable can be pulled out across a deflection roller, easy as pie (L x W x H: 75 x 75 x 40 cm). (**Fig. A**)

Finished with the cable, then simply push it back into the drum. (**Fig. B**)

The ring drum will turn and the cable gently slides back into the case.

Close the lid ... that's it.

A channel hole to the inner core makes it possible to insert the multipin or splice here. This allows for accessibility even if the cable is not all unwound. **MISTER-WHEELER** ensures gentle ring winding, for a significantly longer cable life if compared to winding an "eight".

MISTER-WHEELER is the ideal helper for all stage technicians working with audio and video technologies.

Now also available in a compact version with a case measuring 62 x 60 x 60 cm.

ORDER-NO.	L x W x H (cm)
MISTER-WHEELER	75 x 75 x 40
MISTER-WHEELER-K	62 x 60 x 60



MISTER-WHEELER
75 x 75 x 40 cm



MISTER-WHEELER-K
62 x 60 x 60 cm

Cable working tools ► **PROFESS. WINDER MISTER TWISTER***Mostly it is the women...*

who wrap the men around their little finger – but...

Here the cables are "wrapped" around four fingers. One finger is movable for easy removal of the wound cable (gets moved towards the inside!). You can unwind everything, from a 20 mm inside diameter coil opening, even loose cable bundles measuring 300 mm. Cranking is done manually. An angular gear box converts the movement of the rotating disk into a horizontal turning movement.

The advantage: The cable stays put and cannot drop towards the front. This enables simple and fast handling. The drum consists of a solid metal rack with 4 locking rollers, 1 deflection roller,

2 centering mandrels, 1 hand crank, and 1 winding plate.

The cable **meter counter** (order separately – ORDER-NO: MISTER-METER)

measures the unwound length precisely.

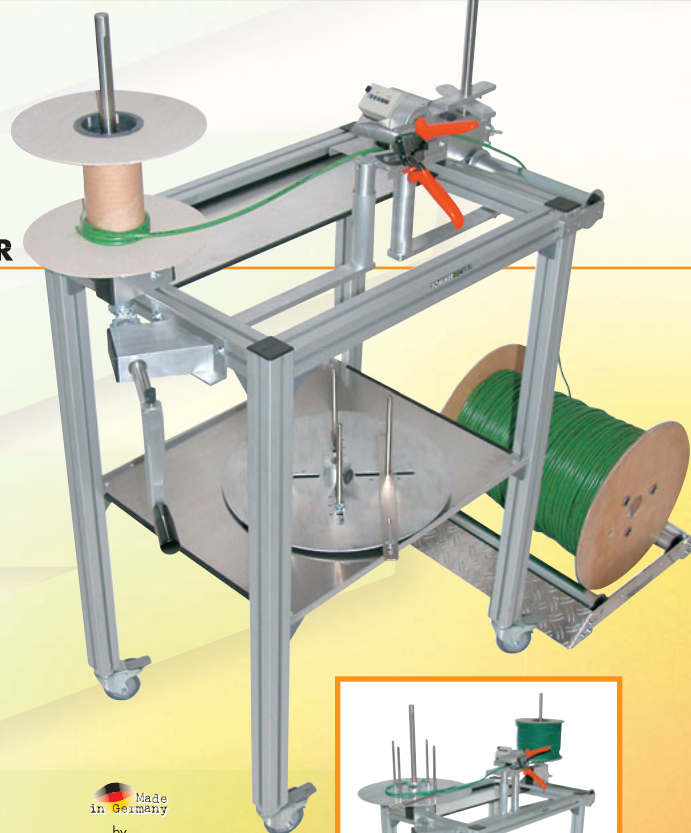
Movably installed **cutting scissors** (order separately – ORDER-NO: PC85) turn the winder into the perfect portable helper. If you work with the **floor roller** then the cable will run across a deflection roller (see picture on right). A second winding plate (MISTER-PLATE) enables winding from ring to ring.

Everything has been thought of to make it universal. It is small and handy, so it can be moved to wherever it is needed. You too can utilize all of these advantages!

Winding-Ø from 150 – 270 mm variably adjustable.

Max. winding width 150 mm; W x H x D: 1110 x 1360 x 500 mm

(patent pending)



Made in Germany
by
**sommer
TECHNIK**



ORDER-NO.	DESCRIPTION
MISTER-TWISTER	professional winder
MISTER-PLATE	replacement winding plate

Cable working tools ▶ winding and unwinding machines ▶ **UNWINDERS and REWINDER MISTER TROLLEY****Unwinding and rewinding, compact and mobile**

Fig. 1: Winding off the drum onto a ring – ideal for cable fabrication, shipping, or in-store sales. The winding-Ø is variably adjustable from 150 to 270 mm. The meter counter* is optionally available.

Fig. 2: Especially for installations often the cable must be laid out directly from the ring. Here the winding plate can simply be removed and then the ring with the spreading mandrel can be installed. During installation the length can be checked using the meter counter*.

Fig. 3: Drums can be unwound as well. Max. drum-Ø: 500 mm.

MISTER-TROLLEY is ideal for use on the construction site, in the company, or for special cable sales. Handy and transportable like a trolley, it can be used in many different areas. As on all SOMMER working tools, the meter counter **MISTER-METER*** for length monitoring can be installed.

**) does not include the lovely lady, the cable, or Mister-Meter.*

ORDER-NO.

MISTER-TROLLEY

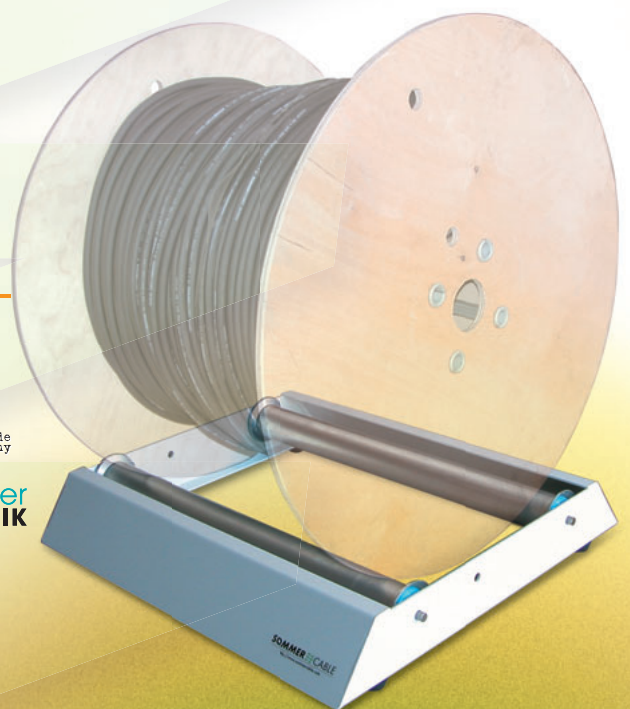


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TECHNIK**

Cable working tools ▶ **FLOOR UNWINDING UNITS**

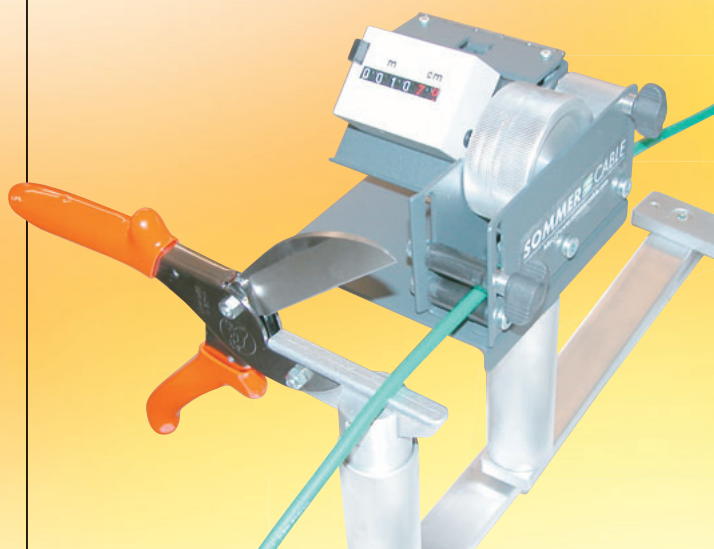
For cable drums with a diameter of 12 to 120 cm and a max. roll width of 50 cm (for larger roll widths two units can simply be set up side by side). A practical tool for construction site and company. The use of beveled aluminum paneling is new. This makes it very well priced.

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TECHNIK**



ORDER-NO.

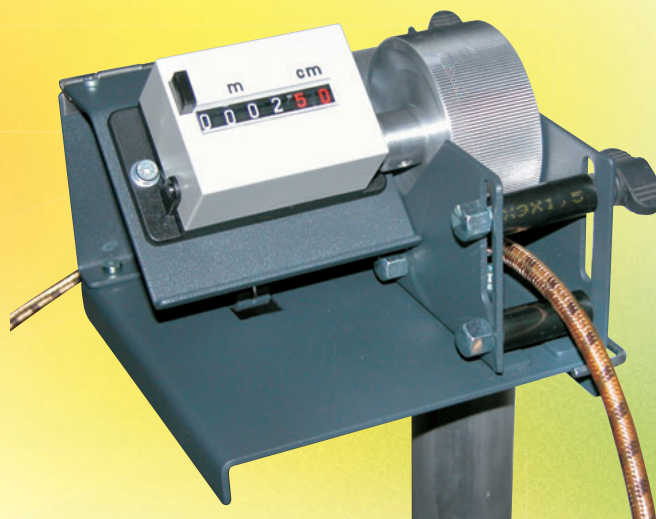
MISTER-ROLLER

Cable working tools ► **CUTTING SCISSORS POWERCUT + METER COUNTER MISTER METER****CABLE CUTTING SCISSORS***Like butter...*

these scissors will cut even multiple multipairs of up to Ø in 28 mm. The **POWERCUT** are the sharpest cable scissors we have ever seen. Thanks to the patented mechanics and the blade system even 48-paired multipairs can be cut easily and cleanly with only one hand. Replacement blades are also available.

POWERCUT – Cutting length 85 mm

ORDER-NO.	DESCRIPTION
PC85	cable scissors
PC85KL	replacement blade

**METER COUNTER***by the running meter...*

For cables of up to 30 mm in diameter our Mister-Meter measures the cable length precisely. Without question – this practical devise is fantastic, there is nothing available that is better. Before starting to measure you just reset the button to zero. The cable is pulled through, all you do is to read the required measurement and stop at the desired length. Also suitable as a hand or table unit. Robust, practical, and dependable. Tolerance: $\pm 1\%$.

Two adjustable restrainers ensure that the cable is guided evenly and prevent "swerving" or "slipping", which may lead to unsatisfactory measuring precision.

Cable meter counter with removable handle.

ORDER-NO.	W x H x D [mm]
MISTER-METER	142 x 104 x 132

Cable working tools ► **UNWINDER TABLE UNIT MISTER TURNER**

It is not quite as flexible and comfortable as **MISTER-TWISTER**, but it is even more reasonably priced while fulfilling almost the same requirements.

The unit can be screwed to a table with 2 screws (or clamps). Using an assembly bracket you can also install the unwinder on the wall.

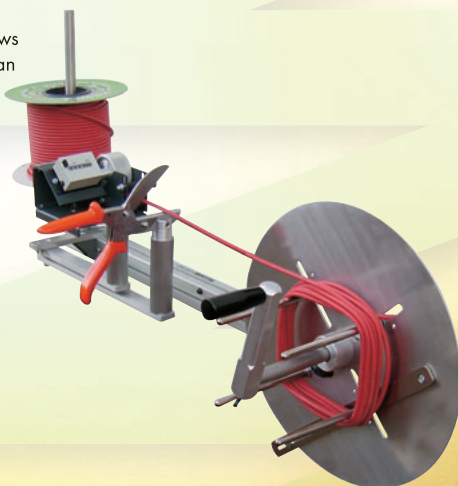
The simple handling will make this unit pay for itself in no time.

The meter counter (optional) for length measurement (order-no. MISTER METER) can be installed with a suitable plug.

Winding-Ø: 150 – 270 mm, variably adjustable.

Max. winding width: 150 mm

W x H x D: 930 x 340 x 340 mm



ORDER-NO.	
MISTER-TURNER	
MISTER-TURNER-SET	to wind from drum to drum

Tools / measuring instruments ► **MEASURING INSTRUMENTS****E/H FIELD MEASURING INSTRUMENT**

For comfortable and precise measuring of magnetic pulsating fields (H-fields), as well as electrical pulsating fields (E-fields) at an extensive frequency range.

It is a fact that electrical and magnetic fields effect the human organism. It is said they cause sleep and concentration disorders, dizziness, headaches, nervousness, etc. But to date science has not been able to explain how exactly electromagnetic fields influence human well being or cause these unhealthy negative effects. It certainly is true that electromagnetic fields should be avoided to prevent health hazards. And because humans cannot detect electromagnetic fields we have to rely on precise measuring instruments.

ORDER-NO.
FMG01

**Electrical field**

Testing range	Resolution
0 - 200 V/m	100 mV/m
0 - 2 kV/m	1 V/m
Frequency range: 50 Hz - 80 kHz	

Magnetic field

Testing range	Resolution
0 - 2 µT	1 nT
0 - 20 µT	10 nT
0 - 200 µT	100 nT
Frequency range: 15 Hz - 15 kHz	
Display: LCD, 3.5-digit, w. bargraph	
Filter: Low: Low pass 500 Hz	
High: High pass 500 Hz	
Power supply: 9 V block battery	
Battery life: Approx. 3 h (cont. operation)	

CABLE TESTER MCT8

Trust is good...

testing is better.

It is good to have a mobile instrument available to test XLRm/f, Speakon, jacks, cinch, DIN, and banana plug connectors. The enclosed test tips enable universal testing on all other, random plug connectors. The display operates with LED and buzzer. Power is supplied by a 9 V block battery (incl. in the shipment), simply replaceable via drawer.



ORDER-NO.
MCT8



ORDER-NO.

MR-PRO



MR2



DR2



Description:	Enh. Analog Audio Generator	Analog Audio Generator	Digital Audio Signal Generator
Features/data:	Frequency range: 10 Hz-20 kHz	Frequency range: 10 Hz-20 kHz	up to 192 kHz / 24 Bit
	Output level -20...+ 18 dBu	Output level -76...+ 8 dBu	AES3, S/PDIF, TOS-Link, ADAT
	Sinus/rectangular signal up to 5 kHz	Sinus/rectangular signal up to 5 kHz	Sync Input: AES3, Word Clock, Video
	White/pink noise	White/pink noise	Channel transparency check
	Polarity signal	Polarity signal	Supports Dolby D, D+, E,
	Sweep with adjustable length	Sweep with adjustable length	Supports PL II, DTS, DTS-HR
	Source impedance 12.5 Ω	Source impedance 200 Ω	Signal runtime measurement
	Runtime test signal	Runtime test signal	Available starting Nov. 2007
	DC + USB-connection	DC + USB-connection	
	THD+D -96 dB	THD+D -90 dB	
	XLR- and cinch output	XLR- and cinch output	
	3 x AA batteries (operating time: 10 h)	3 x AA batteries (operating time: 20 h)	



ORDER-NO.

AL1



ML1



MINISPL



DL1



Description:	Compact Acoustical Analyzer	Analog Audio Analyzer	Measurement	Digital Audio Analyzer
Features/data:	Ext. sound level analysis with LEQ	Level measurement in V, dBu, dBV	Microphone for AL1 & ML1	Virtual processing of all audio formats
	Short term LEQ	Frequency measurement		Incl. ADAT + sampling frequencies up to 96 kHz
	Sound exposition level SEL	THD+N distortion factor		Analog + digital audio monitoring
	Realtime spectrum analysis	Noise measurement		D/A converter function
	1/3 Octaves	1/3 Octaves		Opt. output compatible with ADAT-Lightpipe
	FFT-analysis with max. resol. up to 1 Hz	Control range ppm		Bit-statistic incl. fault detection
	Reverberation time TR60 in octaves	Scope function		Oscilloscope function
	Acoustic runtime measurement	Polarity testing, time sweep		
	Language recognition measurement STI-PA			
	Accord. to IEC60268-13 2003			

Tools / measuring instruments ► **TOOLS***Our strippers...*

drop it all. Based on a large number of requests at the music trade show we have finally taken them into our program.

We offer a series of handy and high quality sleeve and insulation removal tools. They are manufactured of a special, absolutely non-breakable plastic. We have been using these multi-functional tools in our company for years and are thrilled about the dependability and good handling.

ORDER-NO.	DESCRIPTION
WAZ4	stripping pliers to cut and precisely remove cable sleeves and insulation with Ø 0.08 – 6.0 mm ² , variably adjustable, stripping length 3 – 20 mm
WAA	stripping tool for the removal of cable sleeves and insulation with an adjustable stop
WAM150	stripping knife with flat tip, length 150 mm
WAP130	pulling tweezers for fast removal of thin insulation
AIW28	stripping tool for the removal of cable sleeves and insulation sleeves Ø 4.0 – 28.0 mm ² insulation Ø 0.5 – 6.0 mm ²
AIW13	stripping tool for the removal of cable sleeves and insulation sleeves Ø 4.0 – 16.0 mm ² insulation Ø 0.5 – 16.0 mm ²
LSA+	LSA+ insertion tool for RJ45 with cutting function, incl. protective bag

WAZ4

Made in Germany

WAA**WAM150****WAP130****AIW28****AIW13****LSA+***Insiders...*

know how hard it can be to tighten 30 XLR connectors. This often is very cumbersome if it has to be done manually. Here is the suitable tool for efficient and comfortable assembly of XLR connectors made by NEUTRIK!

ORDER-NO.	DESCRIPTION
HTX	assembly tool suitable for Neutrik NC..X and NC..XX
HTXP	assembly tool for Neutrik NC..XX and NP..X
WSW16	assembly tool for sockets with SW16 in HI-DET

Screw driver with 6-bit quick changer

This practical, handy screw driver with a 6-bit magazine should not be missing in any toolbox. Pull forward – turn – push back, you will find your desired bit in no time. Nothing gets lost, the bits are held in place magnetically and can be chosen or replaced individually.

ORDER-NO.	DESCRIPTION
WHS-6	Screw driver with 6-bits

*Spray your problems away...*

with this small assortment of useful spray cans, offered for your daily use.

ORDER-NO.	Application	Contents
SP-D	dust off – to clean, dedust, blow off	400 ml
SP-T71	cold spray for cooling, locating electrical and electronic faults, testing of functions, thermostats, and TN start systems	400 ml
SP-SP	fine cleaner for contacts NF-, HF-, UHF-range	400 ml
SP-T6	contact spray to clean and maintain contacts, switches, relays, pots, transistors, etc.	400 ml
SP-LO	label remover – also suitable for plastics	200 ml



Tools / measuring instruments ► **WIRE END SLEEVES, SWITCHING LITZ, SILVER SOLDER****WIRE END SLEEVES** DIN 46228, Part 4, insulated

Installation adapter made of polyamide, resistant to temperatures up to +110 °C.

ORDER-NO.	Diameter	Color	Qty.
AH1015	1 x 1.5 mm ²	black	100
AH1025	1 x 2.5 mm ²	blue	100
AH1040	1 x 4.0 mm ²	grey	100
AH1060	1 x 6.0 mm ²	yellow	100
AH1160	1 x 16 mm ²	blue	100
AH2015	2 x 1.5 mm ²	black	100
AH2025	2 x 2.5 mm ²	blue	100

**HICON SILVER SOLDER, HIGH PERFORMANCE**

with 4 % silver, lead-free accord. to DIN EN29453, Ø 0.5 mm, halogen-free, corrosion-free in compliance with DIN 8516.

ORDER-NO.	Coil
HI-SILO-250	250 g
HI-SILO-500	500 g

Tools / measuring instruments ► **CRIMPING PLIERS**

Our crimping pliers are suitable for all wire end sleeves, multipin contacts, and RJ45 plug connectors found in this catalogue. Based on customer requests we have compiled a small, sensible assortment of high quality pliers.

For professional multiple use we recommend the WCZ1200, the universal tool for use with several different crimping inserts. The WCZ16-series initially comes with crimping supplies and is a reasonable alternative for infrequent use.



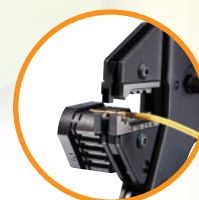
HT-CRIMPSET



WCZ1200



WCZ0886



WECLOC1271



WEC1232



WEC1260



WEC1271



WEC1286

ORDER-NO.	DESCRIPTION	DIAMETER	AWG
HT-CRIMPSET	universal crimping plier set for all coax connectors (BNC), (RG179, SMA, SMB not possible), incl. case		
WCZ0886	crimping pliers for wire end sleeves, chromed, 6-corner crimping	0.08 – 6.0 mm ²	28 – 10
WCZ1200	professional crimping pliers, chromed, incl. case – without inserts		
WEC1232	crimping insert for WCZ1200: cable shoes, not insulated	0.5 – 10.0 mm ²	20 – 7
WEC1260	crimping insert for WCZ1200: cable shoes, insulated	0.5 – 6.0 mm ²	20 – 10
WECLOC1271	crimping insert WEC1271 incl. locator for WCZ1200: twisted contacts, 4-corner crimping	0.14 – 4.0 mm ²	25 – 11
WEC1272	crimping insert for WCZ1200: twisted contacts, 4-corner crimping	1.5 – 6.0 mm ²	15 – 10
WEC1286	crimping insert for WCZ1200: RJ45 plug connectors		
WCZ1632	crimping pliers for cable shoes, not insulated	0.5 – 10.0 mm ²	20 – 7
WCZ1660	crimping pliers for cable shoes, insulated	0.5 – 6.0 mm ²	20 – 10
WCZ1671	crimping pliers for twisted contacts, 4-corner crimping	0.14 – 4.0 mm ²	25 – 11
WCZ1672	crimping pliers for twisted contacts, 4-corner crimping	1.5 – 6.0 mm ²	15 – 10
WCZ1690	crimping pliers for wire end sleeves, 5-corner crimping	0.5 – 6.0 mm ²	20 – 10