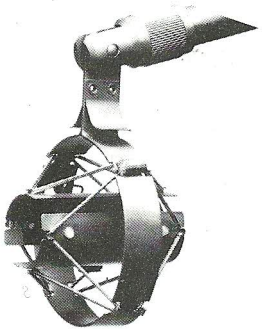
ACCESSORIES FOR CONDENSER MICROPHONES

Elastic suspensions

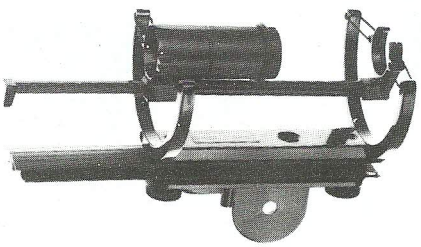
Flexible mounts effectively reduce the transmission of disturbing solid-borne noise to the microphone.

EA 21 ni



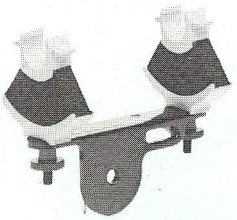
Elastic microphone suspension for microphones with a shaft diameter of 19 to 24 mm, nickel-plated.
EA 21 tv With mat black finish.

EA 713



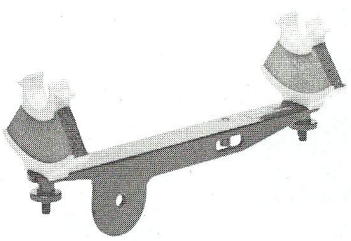
Horseshoe-shaped flexible suspension for the microphones MC 711 - MC 714 and MC 721 - MC 724. Length: 92 mm. To be used with boom adaptor MZG 1 or pistol grip handle MZP 767. Matches the basket-type windscreen KWS 723.

EA 716/EA 736



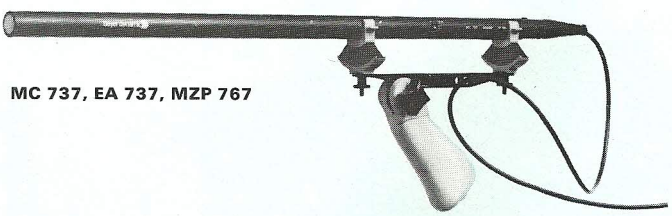
Elastic suspension for the microphones MC 716 and MC 726. To be used with boom adaptor MZG 1 or pistol grip handle MZP 767. Matches the basket-type windscreen KWS 726.
EA 736: Same, but for microphone MC 736.

EA 717/EA 737



Elastic suspension for the microphones MC 717 and MC 727. To be used with boom adaptor MZG 1 or pistol grip handle MZP 767. Matches the basket-type windscreen KWS 727.

EA 737: Same, but for microphone MC 737.



MC 737, EA 737, MZP 767

MC 737, EA 737, MZP 767, KWS 727

EA 740/PS 740

Elastic suspension and popscreen for condenser microphone MC 740.

MZG 1

Boom adaptor for the elastic suspension EA 713, EA 716 and EA 717. Bottom with 3/8" internal thread for screwing to the stand.

MZP 767

Pistol grip handle for shotgun microphones, matches EA 713, EA 716 and EA 717. Fitted with 3/8" internal thread for screwing to the stand.

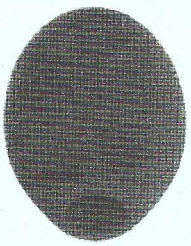
ACCESSORIES FOR CONDENSER MICROPHONES

Windscreens

For outdoor production we recommend the use of a windscreen to prevent disturbing noise caused by air turbulences. Can also be used as a popscreen. Made of high-quality open-cell polyurethane foam.
Certain types are available in different colors (at additional cost). Standard color: anthracite.

WS 740

WS 101



For M 101, M 201, MC 711, MC 713, MC 721 and MC 723.

For MC 740

WS 716

For MC 716 and MC 726. Length 210 mm.

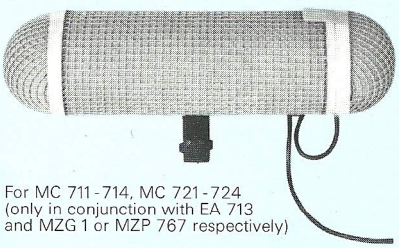
WS 717

For MC 717 and MC 727. Length 520 mm.

Basket-type windscreens

Particularly effective windscreen for outdoor productions. Slotted design for convenient introduction of the microphone with flexible mount.

KWS 723



For MC 711-714, MC 721-724 (only in conjunction with EA 713 and MZG 1 or MZP 767 respectively)

KWS 726

For MC 716, MC 726 and MC 736 (only in conjunction with EA 716 or EA 736 and MZG 1 or MZP 767 respectively)

KWS 727

For MC 717, MC 727 and MC 737 (only in conjunction with EA 717 or EA 737 and MZG 1 or MZP 767 respectively)

ZWS

Additional windscreen made of grey fleece, fabric matches the basket-type windscreen of the corresponding size. Suited for particularly unfavorable weather conditions (not illustrated).

ZWS 723 for KWS 723.
ZWS 726 for KWS 726.
ZWS 727 for KWS 727.

Microphone "fishpole" boom

MZA 716 + MZG 2

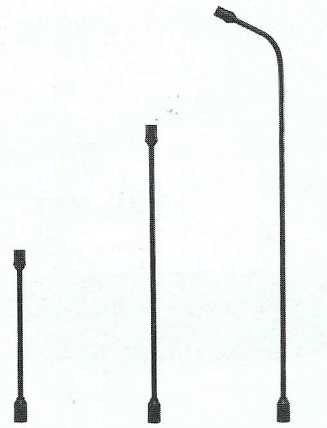
MZA 717

Fiber glass telescoping fishpole boom in mat black color with swivel joint MZG 2 for fixing the microphone in any angle. The pickup direction can be varied within 360° by simply turning the fiber glass tubes. Fitted with 3/8" thread for microphone clamps or flexible mounts (Fig. with EA 21). Working length (extended) 3.3 m, transport length (collapsed) 0.95 m, weight 600 g.

MZA 717: Light microphone fishpole made of lusterless black anodized aluminum. Length adjustable between 0.66 m and 1.70 m (not illustrated).

ACCESSORIES FOR CONDENSER MICROPHONES

Capsule extension tubes



With the capsule extension tubes it is possible to install the condenser microphones of the MCM series even more inconspicuously, e.g. on theater stages. The extensions are screwed between the microphone capsule and the amplifier handle.

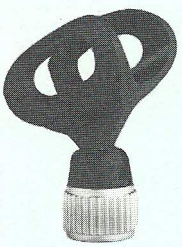
CKV 1: Length 200 mm, straight version.
CKV 2: Length 400 mm, straight version.
CKV 3: Length 600 mm, bent capsule ends.

Stand mounts

MKV 9

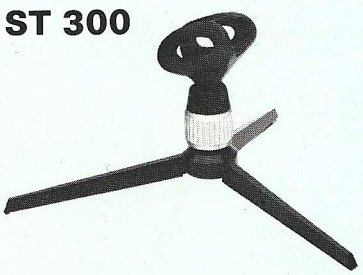
Stand mount for microphones with a shaft diameter of 19 to 21 mm, 3/8" and 5/8" stand thread.

MKV 11



Stand mount for microphones with a shaft diameter of 32 to 42 mm, 3/8" and 5/8" stand thread.

ST 300



Lightweight, collapsible table tripod made of unbreakable plastic. Matches all mounts with 3/8" internal thread (illustrated with MKV 9).

ZMS 2

For mounting two microphones on a single stand. Length: 21 cm.

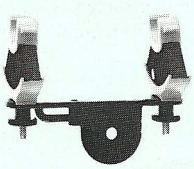
ZMS 236

For mounting up to four microphones on a single stand. Length: 41 cm.

ZKV 4

Stand mount for fastening the capsule extension tubes CKV 1, CKV 2 or CKV 3.

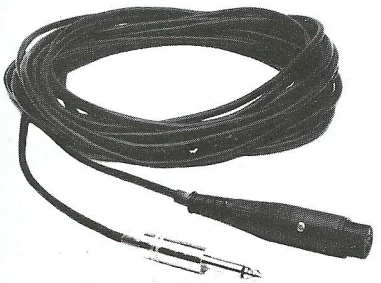
SA 710



Flexible holder for microphone with capsule extension in conjunction with MZG 1.

MICROPHONE ACCESSORIES

Connecting cables

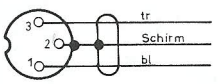


(fig.: MVK N(C)-K/7.5)

beyerdynamic connecting and extension cables are made of highly flexible, screened, two-conductor cable material. The standard length of the connecting cables is 7.5 m. Additional connecting cables with screw- or twist-type connectors on both sides can be used to establish larger connections by inserting extensions between the microphone and the connecting cable. Their standard length is 10 m, in special cases 20 m.

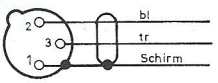
With stripped and tinned ends on equipement side; length 7.5 m:

MVK N/7.5



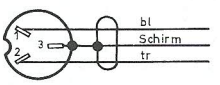
For microphones with small DIN N connector

MVK N (C)/7.5



For microphones with cannon N (C) connector

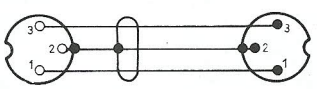
MVK N (T)/7.5



For microphones with DIN N (T) connector

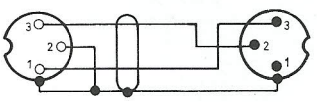
Equipment cable end with plug-in-type (N, L, K), twist-type (N (C)) or screw-type (N (T)) connector, length 7.5 m:

MVK N - N/7,5



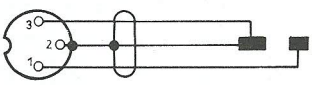
For microphones with small DIN N connector to balanced DIN sockets (1 - 3).

MVK N - L/7.5



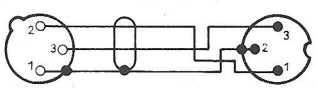
For microphones with small DIN N connector to unbalanced DIN socket (2 -3).

MVK N - K/7.5



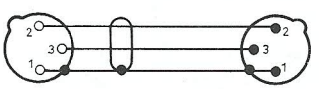
For microphones with small DIN N connector to jack 6.35 mm diam. inputs.

MVK N (C) - N/7.5



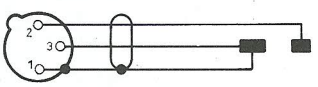
For microphones with cannon N (C) connector to balanced DIN sockets (1 - 3).

MVK N (C) - N (C)/7.5



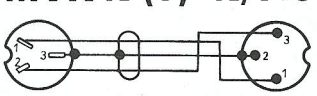
For microphones with cannon N (C) connector to mating XL-type socket contacts N (C).

MVK N (C) - K/7.5



For microphones with XLR-type connector N (C) to jack sockets, 1/4" diameter.

MVK N (T) - N/7.5

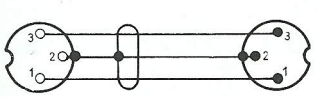


For microphones with large DIN N (T) connector to balanced DIN sockets (1 - 3).

Extension cables

Equipment line end with twist-type (N (C)) or screw-type N, N(T) connector, length as indicated:

MVK N - N/10

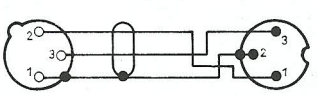


With miniature female DIN connector N and miniature male DIN connector, cable length 10 m.

MVK N (C) - K/10

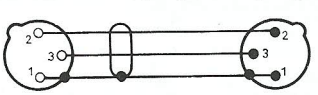
Connection identical to the MVK N (C)-K/7.5

MVK N (C) - N/10



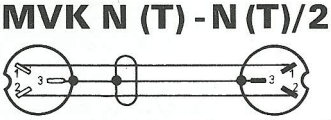
With N (C) Cannon coupling and small DIN N connector, length 10 m.

MVK N (C) - N (C)/10



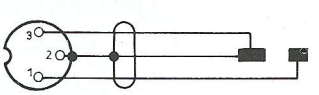
With N (C) Cannon coupling and N (C) Cannon connector, length 10 m.

MVK N (T) - N (T)/5
MVK N (T) - N (T)/10
MVK N (T) - N (T)/15
MVK N (T) - N (T)/20



With large DIN N (T) coupling and large DIN N (T) connector, length: 5, 10, 15 or 20 m.

MVK N - K/10



For microphones with small DIN N connector to jack 6.35 mm diam.

MICROPHONE ACCESSORIES

Transformers

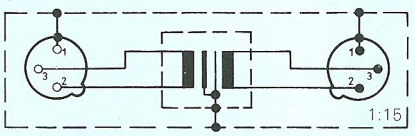
beyerdynamic AF input transformers are made according to a patented special process. Despite their small size they are of high quality. The following plug-in- and cable transformers are without exception intended for microphones with a nominal impedance of 200 Ω. In addition to these beyerdynamic also manufactures a large number of built-in transformers. Detailed information on these can be found in our special publication "AF input transformers".

Plug-in transformers

(fig.: TR 7.41.0.15.257/N-K)

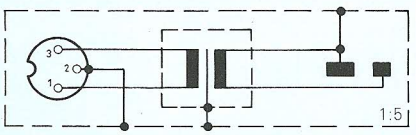
(fig.: TR 7.41.0.15.257/N-H)

TR/BV 3.41.0.15.006/C-C



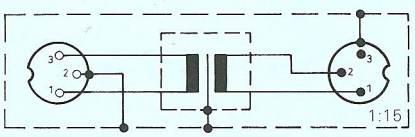
Output impedance: 45 kΩ
Frequency response: 30-15 000 Hz ±1 dB

TR/BV 7.41.0.05.252/N-K



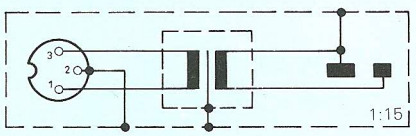
Output impedance: 5 kΩ
Frequency response: 50-15 000 Hz -3/±2 dB

TR/BV 7.41.0.15.257/N-H



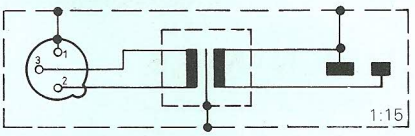
Output impedance: 45 kΩ
Frequency response: 50-15 000 Hz -3/±2 dB

TR/BV 7.41.0.15.257/N-K



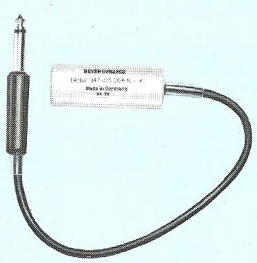
Output impedance: 45 kΩ
Frequency response: 50-15 000 Hz -3/±2 dB

TR/BV 7.41.0.15.257/C-K

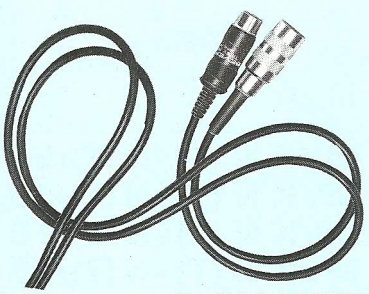


Output impedance: 45 kΩ
Frequency response: 50-15 000 Hz -3/±2 dB

Cable transformers

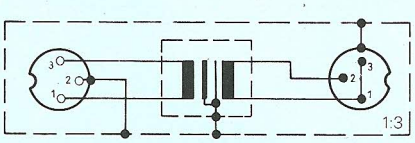


(fig.: TR 3.47.0.15.006/N-K/0.2)



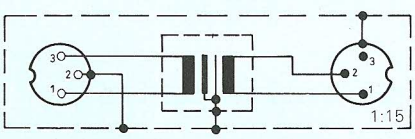
(fig.: TR 7.45.0.15.257/N-H/5)

TR/BV 3.47.0.03.002/N-LM



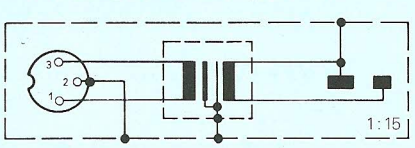
Output impedance: 2 kΩ
Frequency response: 30-15 000 Hz ±1 dB
Cable length: 0.2 m

TR/BV 3.47.0.15.006/N-H



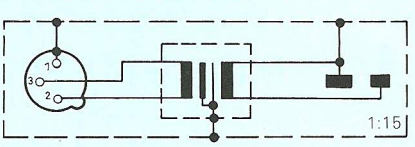
Output impedance: 45 kΩ
Frequency response: 30-15 000 Hz ±1 dB
Cable length: 0.2 m

TR/BV 3.47.0.15.006/N-K



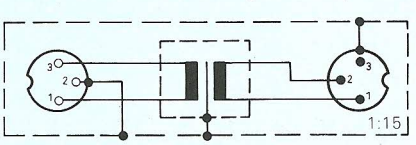
Output impedance: 45 kΩ
Frequency response: 30-15 000 Hz ±1 dB
Cable length: 0.2 m

TR/BV 3.45.0.15.006/C-K/5



Output impedance: 45 kΩ
Frequency response: 30-15 000 Hz ±1 dB
Cable length: 5 m

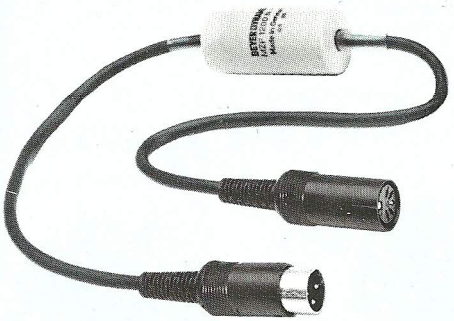
TR/BV 7.45.0.15.257/N-H/5

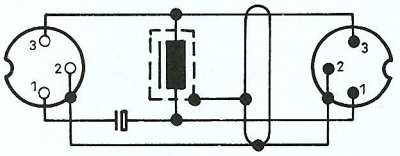


Output impedance: 45 kΩ
Frequency response: 30-15 000 Hz -3/±2 dB
Cable length: 5 m

MICROPHONE ACCESSORIES

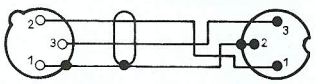
Adapter MZF 12 - 00 N - N





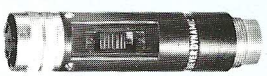
Roll-off-filter to prevent proximity effect of directional microphones and for attenuating unwanted footfall sound in the case of speaker's microphones. Can be simply looped into the microphone line. Suited for all microphones with DIN connector, balanced wiring.

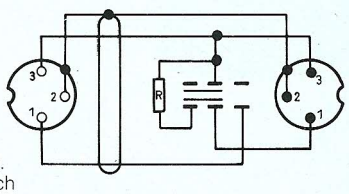
MZS N (C)-N



Adapter for connecting microphones with XLR-connector N (C) to cable with DIN coupling N.

MZS (AE) N-N

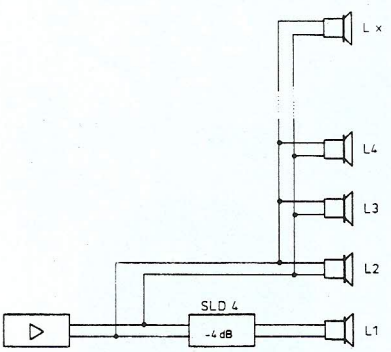




Plug-in adapter with ON/OFF switch. Converts microphones with no switch into switch type (DIN connectors only).

SLD 4

Sound Level Divider SLD 4

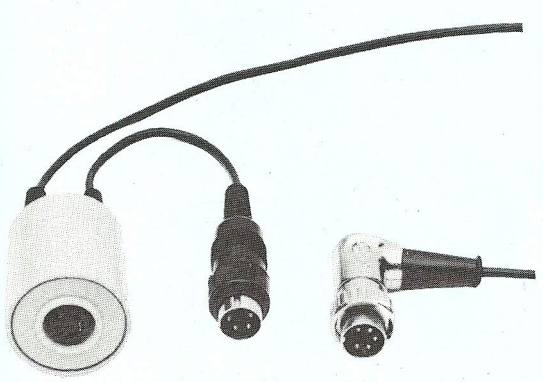


Connecting the Sound Level Divider

Intelligibility - Announcement volume

The feedback in buses is determined by the loudspeaker located nearest to the driver. Feedback occurs whenever the amplified signal radiated by the loudspeaker reaches the microphone with a level similar to that of the original signal. This means that the first loudspeaker determines the attainable announcement volume. However, our investigations have shown that in general the announcement volume in the front section of the bus (entrance zone) does not have to be as high as in the middle or rear passenger section (riding and exit zone). If, for example, the level of the first speaker is attenuated by 4 dB, the basic volume on the amplifier can be increased by the same amount before acoustic feedback reoccurs. In other words the attainable audio level in the middle and rear section of the bus can thus be increased by 4 dB or 60 % which significantly improves the intelligibility of the announcements.

AFSF 1



Audio Frequency Separating Filter AFSF 1

Radio service

Many of today's buses used in urban transport systems are equipped for radio service. In some cases microphones are used with two different systems which can lead to a higher fault rate. By inserting the inductive **A**udio **F**requency **S**eparating **F**ilter AFSF 1, the SHM 415 can also be used for vehicles equipped for radio service, which means that the equipment used in the fleet can be standardized. The inductive audio-frequency separating filter AFSF 1 splits the signal coming from the microphone into two separate paths and thus gives the driver the assurance that he will be simultaneously heard via the radio system as well as the PA equipment of the bus. The ability to equip all buses with the same type of microphone has the additional advantage that no adaptation is required when drivers change to buses with or without radio service.

MICROPHONE ACCESSORIES

Pop protections

Protects the microphone from malfunctions caused by explosive sounds that can occur when the microphone is held very closely. The beyerdynamic popscreen is made of high-quality polyurethane foam. Color: anthracite. The model PS 500 is also available with a mounting ring made of colored plastic.

PS 88

For M 69, M 88.

PS 260

For M 260, M 400.

PS 500

For M 500.

PS 500.0 anthracite ring
PS 500.1 yellow ring
PS 500.2 red ring
PS 500.3 green ring
PS 500.4 blue ring

PS 600

For M 600.

Windscreens

For outdoor production we recommend the use of a windscreen to prevent disturbing noise caused by air turbulences. Can also be used as a popscreen. Made of high-quality polyurethane foam. Certain types are available in different colors (at additional cost). Standard color: anthracite.

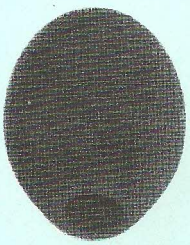
WS 69

For M 69, M 88, M 400, M 600.

WS 81

For M 81, M 200, M 411, M 412.

WS 101



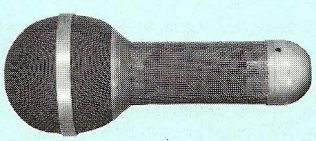
For M 101, M 201

WS 160

For M 130, M 160, M 260.

Basket-type windscreen

WS 86

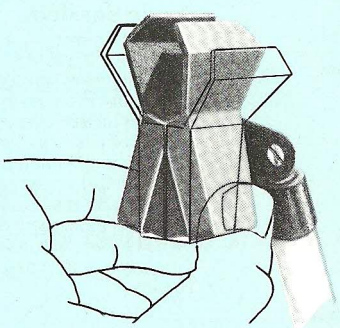


Windscreen with built-in flexible support for M 69, M 88.

Highly effective windscreen for outdoor productions.

Microphone clamping devices

MKV 6



For cylindrical or conical microphone shafts with a diameter of 19 - 32 mm.

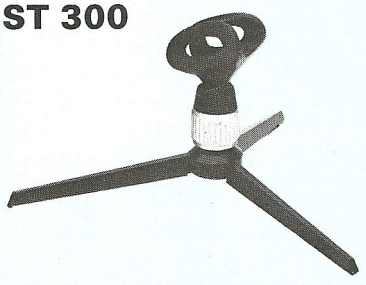
MKV 8

For cylindrical or conical microphone shafts with a diameter of 22 - 32 mm.

MICROPHONE ACCESSORIES

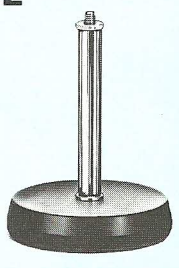
Desk stands

ST 300



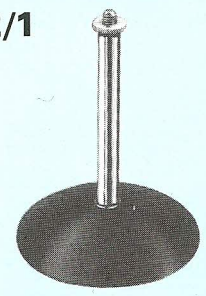
Lightweight, collapsible tripod made of unbreakable plastic. Matches all mounts with 3/8" internal thread (illustrated with MKV 8).

ST 232



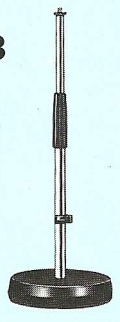
ST 232 Heavy desk stand, diam. 120 mm, installed height approximately 165 mm, weight 0.8 kg.
ST 232 a Same as ST 232 but fitted with stud bolt in place of tube, for goosenecks etc. Weight 0.65 kg.

ST 232/1



ST 232/1 Heavy desk stand, diam. 150 mm. Complete with screw-fastened tube, installed height approximately 170 mm, weight 1.15 kg.

ST 233



ST 233 Same as ST 232, but diam. 180 mm. Tube telescopes once. Installed height 360 - 560 mm, weight 2.3 kg.

Threaded adapters

216 217 218 219

Stand thread adapters
216 5/8" inside – 3/8" outside
217 3/8" inside – 5/8" outside
218 1/2" inside – 3/8" outside
219 3/8" inside – 1/2" outside

Stand and table clamps

ZTK 237

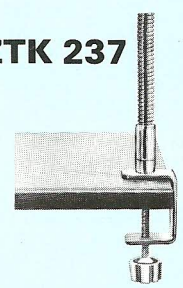
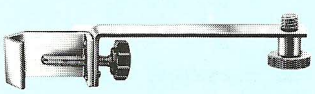


Table clamp for goosenecks.

ZSK 238



Stand clamp for fixing an additional microphone to a floor stand.

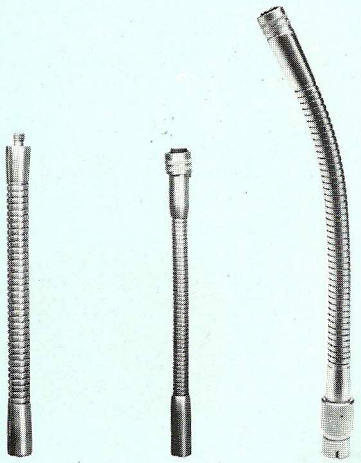
ZMK 5

Microphone case for musicians.
A light-weight, convenient carrying case for up to five microphones. Made of impact- and scratch-resistant plastic. Low-priced alternative to the conventional aluminium flight case. The double-wall design gives excellent protection to the microphones.

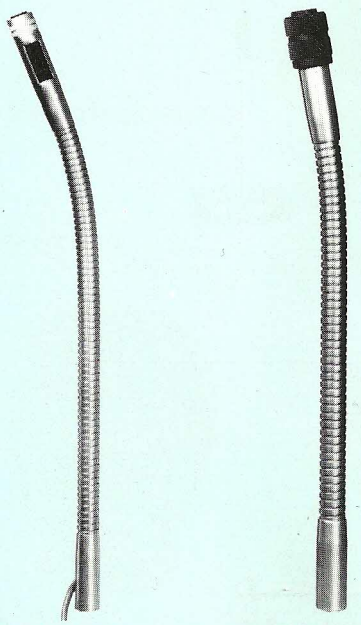
Supplied without contents.

MICROPHONE ACCESSORIES

Goosenecks



SH 15/200 SHK 11/200 N SH 11/300 N-N



SHS 15/400 N SH 18/400 N (T)

Identification code
The code contains information concerning the model, diameter, and length of the gooseneck.
The number **before** the slash indicates the diameter in mm, the number **after** the slash the length in mm.
Goosenecks SH ../... without identification letter are fitted with a 3/8" external thread on top and a 3/8" internal thread on the bottom.
Goosenecks SH ../... with one suffixed identification letter feature a coupling socket on top that corresponds to the letter and which is suited for mounting a microphone with the same identification letter. The bottom is fitted with a 3/8" internal thread. They are not cabled.
Goosenecks SH ../... With two suffixed identification letters are fitted at the bottom with a connector that corresponds to the second identification letter. These goosenecks are cabled.
Goosenecks SHK ../... With suffixed identification letter feature a coupling socket on top that corresponds to the identification letter and which is suited for mounting a microphone with the same identification letter. The bottom is fitted with a 3/8" internal thread. These goosenecks are equipped with a cable, the equipment end of which is blank. Its length is specified in the designation.
Goosenecks SHS ../... with a suffixed identification letter feature a coupling socket on top that corresponds to the identification letter and which is suited for mounting a microphone with the same identification letter. The bottom is fitted with a 3/8" internal thread. These goosenecks have a built-in ON/OFF switch. The equipment side of the cable is blank.

Surface:		**Suffix:**
Ni mt	– nickel plating, mat finish	–
Cr mt	– chromium plating, mat finish	.01
Sw mt	– black, mat finish	.02
Cr hgl	– mirror bright chromium plating	.03

SH 15/250 N(CF).02	SH 15/200 Cr hgl	SH 15/250 N.01	SH 18/700 N(T).02
SH 15/250 N(T).01	SH 15/400 Ni gl	SH 15/250 N.02	SH 18/700 N(T/5).02
SH 15/250 N(CF)-N (CF).02	SH 11/200 N.03	SH 15/400 N.01	SHS 15/300 N(CF).02 6 m
SH 15/300 N(CF).02	SH 11/200 N.02	SH 15/400 N.02	SHS 15/400 N.01 6 m
SH 15/300 N(T).01	SHK 11/200 N.03	SH 15/400 N(CF).02	SHS 15/400 N(CF).02 6 m
SH 15/300 N-N(T).02	SH 11/300 N.01	SHK 15/400 N-N.01 3 m	SHS 15/400 N-N.01 6 m
SH 15/300 N(T)-N(T).01	SH 11/300 N.02	SHK 15/400 N(CF)-N (C) 5 m	SHS 18/400 N(T).01 6 m
SHK 15/300 N(T)-N(T) 5 m	SH 11/300 N-N(CF).02	SH 18/400 N(T).01	

Orders codes for
fastening screw of goosenecks with 3/8" internal thread and bore hole for cable feed-through: BN 21-05/A. Matching toothed lock washer: J 10,5 DIN 6797.

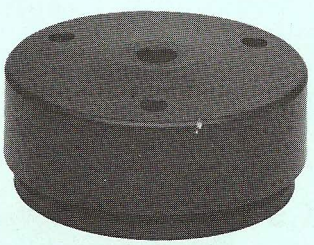
Gooseneck mounts

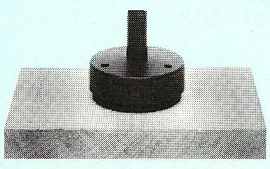
ZSH 30

Base plate, diam. 74 mm, for screwing in goosenecks. Bored 3/8" fixing screw and toothed lock washer for goosenecks are bypacked.

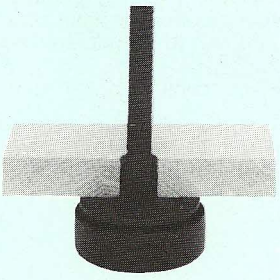
ZSH 40

Base plate for mounting goosenecks on speaker's desk and tables. Protects from footfall sound and other noise.

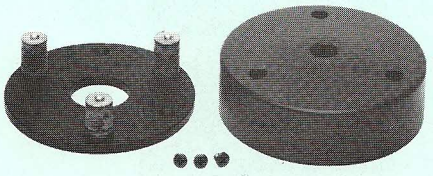




ZSH 40 Mounted from the top.



ZSH 40 Mounted from the bottom.

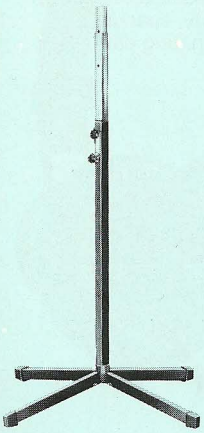


ZSH 40 Disassembled.

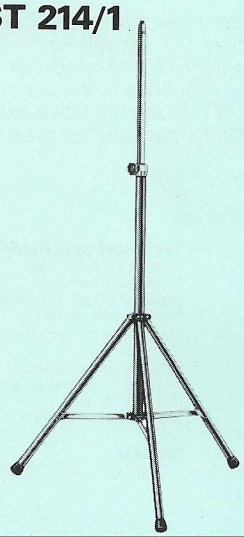
MICROPHONE ACCESSORIES

Floor stands

ST 195

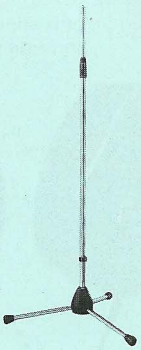


ST 214/1



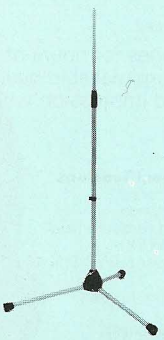
ST 201/1

ST 201 A/1



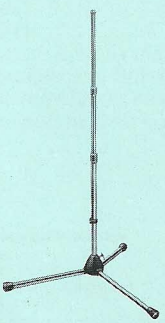
ST 201/2

ST 201 A/2



ST 220

ST 251



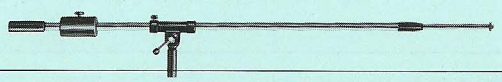
ZST 196

ZST 196/1

SCH 211

SCH 211/1

SCH 212/C



ST 195
High loudspeaker stand with collapsible square-tube bottom section. Stable also for very heavy loudspeakers. Height of telescoping tube adjustable. Adjusted height doubly secured with index bolt and locking screw. Installation height 1.15 - 1.70 m. Internal diameter of tube receiving piece: 40.5 mm.

ST 214/1
Special stand for speaker housings. Adjustable stand column height. Adjusted height doubly secured with index bolt and retaining ring. Installed height 1.25 - 2.0 m. Thread 1/2".

ST 201/1
Standard microphone stand. Noiseless height adjustment by means of telescoping tube. Legs can be unscrewed. Installed height 0.85 - 1.6 m. Thread 3/8".

ST 201 A/1
Same as ST 201/1, but extra wide legs.

ST 201/2
Same as ST 201/1, but with hinged legs.

ST 201 A/2
Same as ST 201 A/1, but with hinged legs.

ST 220
Swivel stand with footfall filter. Noiseless height adjustment by means of telescoping tube. Hinged legs. Installed height 0.85 - 1.6 m. Thread 3/8".

ST 251
Microphone stand with double telescoping column. Hinged legs. Installed height 0.6 - 1.6 m. Particularly suited for low microphone positioning in conjunction with boom arm SCH 211/1.

ZST 196
Flange socket for loudspeaker stand ST 195. To be fastened to the loudspeaker housing. Construction: steel plate 120 x 120 mm with four bore holes diam. 8.5 mm for countersunk-head screws. Tube fitting diam. 40.5 mm, length 100 mm.

ZST 196/1
Mounting plate for special stand ST 214/1. To be screwed to the loudspeaker cabinet. Construction: steel plate 150 x 120 mm with four boreholes diam. 10.5 mm for countersunk-head screws. Internal thread 1/2".

SCH 211
Boom arm, adjustable in three directions, matches all microphone stands with 3/8" thread. Max. boom extension approximately 0.75 m.

SCH 211/1
Same as SCH 211 but telescoping arm. Max. boom extension approximately 0.75 m.

SCH 212/C
Boom arm with large extension, adjustable between 0.9 and 1.8 m and counterweight. Can be used in conjunction with special stand ST 214/1.

ST 210/1
Combination of floor stand ST 201 A/1 and boom arm SCH 211.

ST 210/2
Combination of floor stand ST 201 A/2 and boom arm SCH 211.

ZST 239
Cable clip for fixing the microphone cable to the tube of the stand.

These stands are also available with 5/8" thread when ordered in large quantities. Also in black (surcharge).

Drahtlose Übertragung für alle Instrumente
Wireless Transmission Systems for all Instruments

Drahtloses Sendemikrofon S 85
Wireless Microphone S 85

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United Kingdom: beyerdynamic Ltd., Unit 14, Cliffe Industrial Estate, Lewes, Sussex BN8 6 J
USA: beyerdynamic Inc., 5–05 Burns Avenue, Hicksville, NY 11801 USA

beyerdynamic

Printed in West-Germany 06.87 LA