

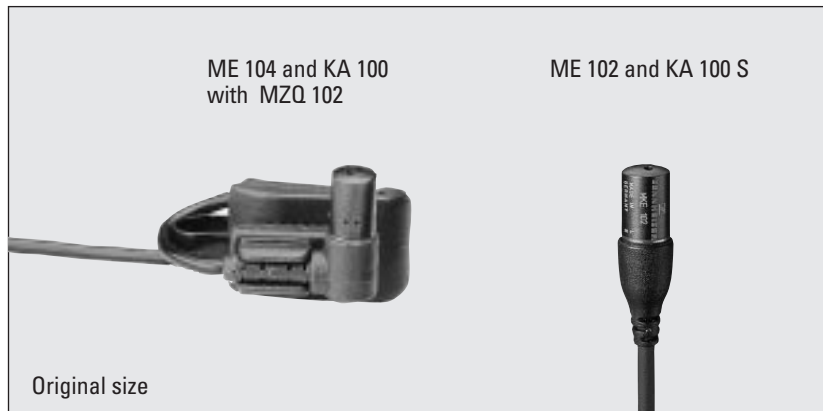
**Condenser Clip-On Microphone
Modular Mini-Microphone System**

ME 102/104/105 System

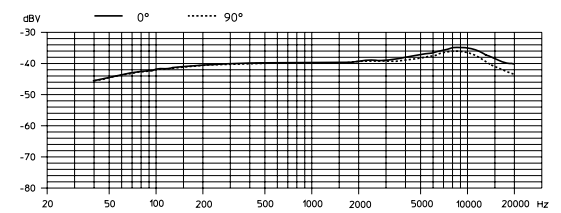
The ME 102/104/105 modular mini-microphone system fulfils professional demands for sound quality and rugged handling, and is suitable for all areas of live work where a small and unobtrusive microphone is needed for vocal and speech applications. Scratch-resistant matt finish: anthracite or nickel.

Features

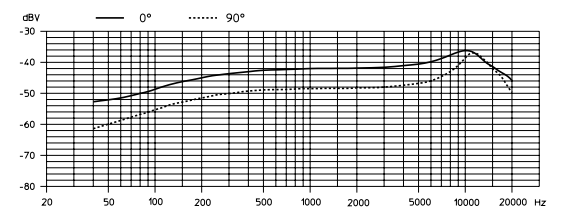
- Excellent speech clarity
- Gently falling frequency response curve at low frequencies ensures good rejection of handling and wind noise
- Minimal inherent self-noise
- Omni-directional, cardioid or super-cardioid microphone capsules, can be quickly interchanged
- Optionally available with right-angled plug (copper wire cable, extremely insensitive to handling noise) or with straight plug (steel wire cable, very resistant to tearing)



Frequency response ME 102



Frequency response ME 104/ME 105



Modules available for the ME 102/104/105 system

Cat. Nos.

| Microphone capsules including windshields | | |
|---|----------------------------------|---------------|
| (available in anthracite / nickel) | ME 102 (+ MZW 102) | 03876 / 03838 |
| | ME 104 (+ MZW 104) | 04227 / 04228 |
| | ME 105 (+ MZW 104) | 05301 / 05302 |
| Copper wire cables | | |
| (available in anthracite / grey) | KA 100-4 | 04233 / 04234 |
| | KA 100-1083 | 04399 / 04401 |
| | KA 100-60 | 04237 / 04238 |
| | KA 100-P | 04241 / 04242 |
| | KA 100-5 | 04245 / 04246 |
| | KA 100-2R | 04229 / 04230 |
| Steel wire cables | | |
| (available in anthracite / beige) | KA 100 S-4 | 04235 / 04236 |
| | KA 100 S-1083 | 04402 / 04403 |
| | KA 100 S-60 | 04239 / 04240 |
| | KA 100 S-P | 04243 / 04244 |
| | KA 100 S-5 | 04247 / 04248 |
| | KA 100 S-2R | 04231 / 04232 |
| Accessory set consisting of | | |
| | MZ 100 | 04226 |
| | 2 MZQ 102 (anthracite and grey) | |
| | 2 MZQ 02 (anthracite and nickel) | |
| | 2 ZH 100 (anthracite and beige) | |
| | 1 carrying case | |
| Magnetic mount set | | |
| | MZM 2 / MZM 10 | 01866 |

Technical Data ME 102/ME 104/ME 105

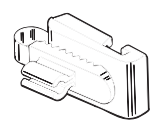
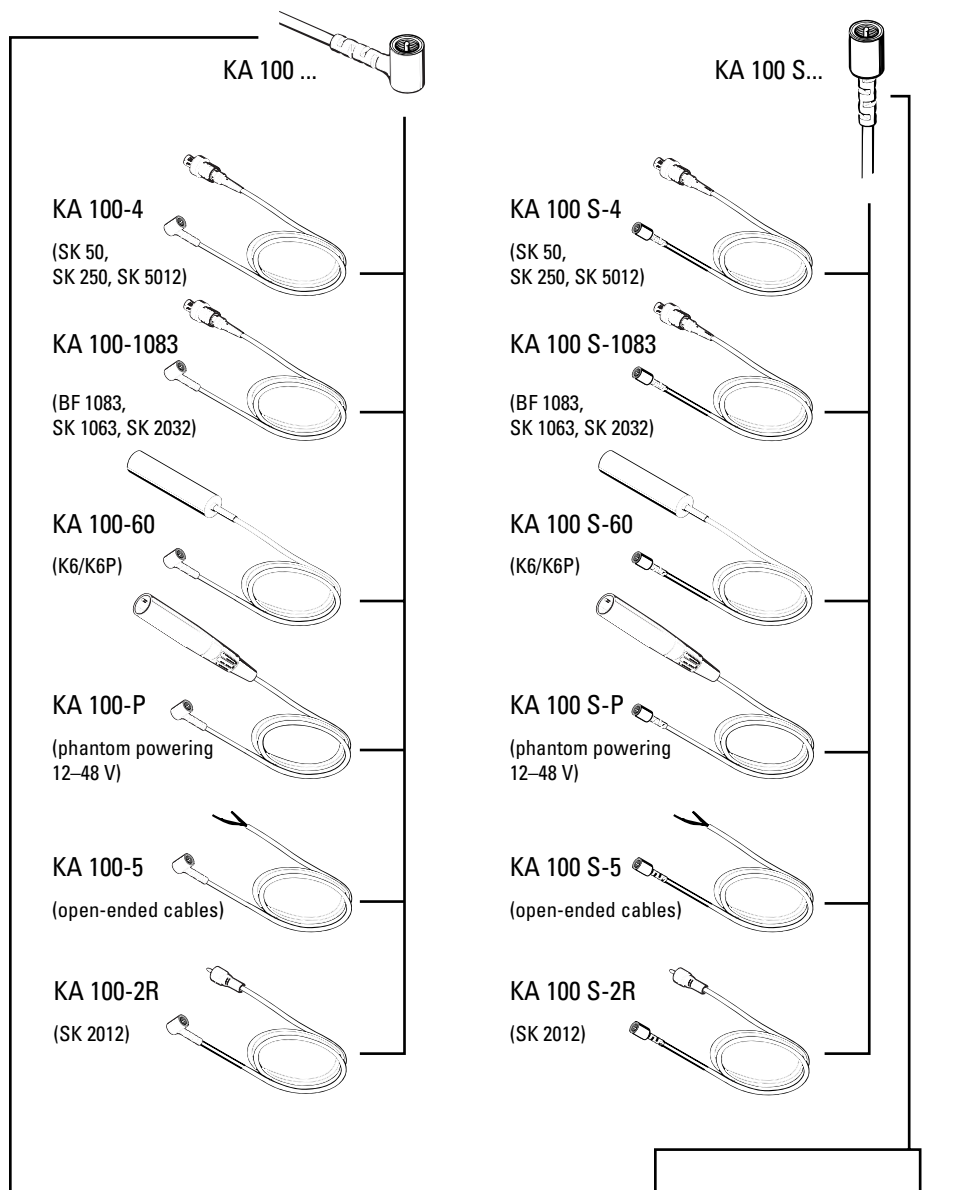
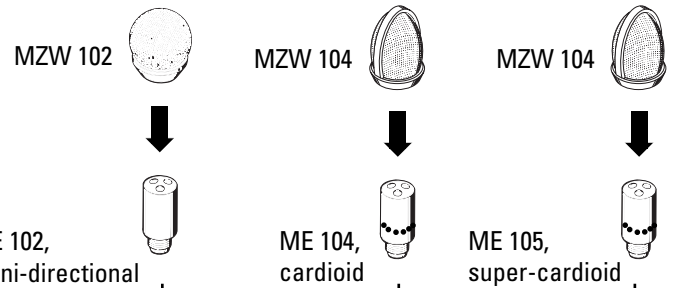
| | |
|--|--------------------|
| Pick-up pattern | |
| ME 102 | omni-directional |
| ME 104 | cardioid |
| ME 105 | super-cardioid |
| Frequency response | |
| ME 102 | 40 – 20,000 Hz |
| ME 104/ME 105 | 100 – 20,000 Hz |
| Sensitivity (free field, no load) (1 kHz) | |
| ME 102 | 10 mV/Pa ± 2.5 dB |
| ME 104 | 8 mV/Pa ± 2.5 dB |
| ME 105 | 1.6 mV/Pa ± 2.5 dB |
| Nominal impedance | |
| ME 102/ME 104 | 1 kΩ |
| ME 105 | 800 Ω |
| Min. terminating impedance | 4.7 kΩ |
| Equivalent noise level ME 102 | |
| A-weighted (DIN IEC 651) | 21 dB |
| CCIR-weighted (CCIR 468-3) | 33 dB |
| Equivalent noise level ME 104 | |
| A-weighted (DIN IEC 651) | 30 dB |
| CCIR-weighted (CCIR 468-3) | 38 dB |
| Equivalent noise level ME 105 | |
| A-weighted (DIN IEC 651) | 32 dB |
| CCIR-weighted (CCIR 468-3) | 40 dB |
| Max. SPL (1 kHz) | |
| ME 102 | 127 dB (THD = 1 %) |
| ME 104/ME 105 | 133 dB (THD = 1 %) |
| Supply current | approx. 250 µA |
| Dimensions in mm | Ø 6 x 12 |
| Weight (without cable) | 1 g |

Metal gauze windshields

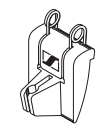
Microphone capsules

Connecting cables

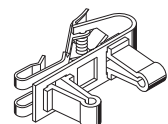
Accessories



MZQ 102
Clip with cable routing, for right-angled plugs only



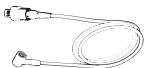

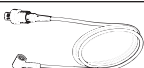
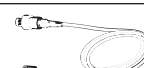
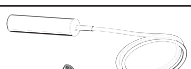


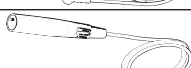
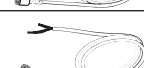

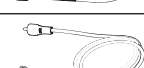

ZH 100
Pin mount ("Dracula" clip)



MZQ 02
Crocodile clip

Connection Cables

ME 102/104/105 System

| Cable | Connector | Cable length | Connection to | Colour | Cat. No. |
|---|--|--------------|--|------------|----------|
| KA 100-4  | 3-pin audio connector | 1.6 m | SK 50, SK 250, SK 5012, SK 3063 | anthracite | 04233 |
| | | | | grey | 04234 |
| KA 100 S-4  | 3-pin audio connector | 1.6 m | SK 50, SK 250, SK 5012, SK 3063 | anthracite | 04235 |
| | | | | beige | 04236 |
| KA 100-1083  | co-axial connector | 1.6 m | BF 1083, SK 1063, SK 2032 | anthracite | 04399 |
| | | | | grey | 04401 |
| KA 100 S-1083  | co-axial connector | 1.6 m | BF 1083, SK 1063, SK 2032 | anthracite | 04402 |
| | | | | beige | 04403 |
| KA 100-60  | K6 system | 3.0 m | K6/K6P | anthracite | 04237 |
| | | | | grey | 04238 |
| KA 100 S-60  | K6 system | 3.0 m | K6/K6P | anthracite | 04239 |
| | | | | beige | 04240 |
| KA 100-P  | 3-pin XLR with integral phantom power adaptor | 3.0 m | phantom powering 12–48 V (\pm 4 V) | anthracite | 04241 |
| | | | | grey | 04242 |
| KA 100 S-P  | 3-pin XLR with integral phantom power adaptor | 3.0 m | phantom powering 12–48 V (\pm 4 V) | anthracite | 04243 |
| | | | | beige | 04244 |
| KA 100-5  | without connector, open-ended cable | 3.0 m | | anthracite | 04245 |
| | | | | grey | 04246 |
| KA 100 S-5  | without connector, open-ended cable | 3.0 m | | anthracite | 04247 |
| | | | | beige | 04248 |
| KA 100-2R  | co-axial connector | 1.6 m | SK 2012 | anthracite | 04229 |
| | | | | grey | 04230 |
| KA 100 S-2R  | co-axial connector | 1.6 m | SK 2012 | anthracite | 04231 |
| | | | | beige | 04232 |

Example of an ME 102/104/105 system for connection to the SK 50 transmitter:

| | |
|------------|--|
| ME 102 | Omni-directional microphone capsule with windshield |
| KA 100 S-4 | Steel wire cable with straight plug |
| MZ 100 | Accessory set, consisting of clips and a carrying case |

Example of an ME 102/104/105 system for connection to the K6 modular system:

| | |
|-----------|--|
| ME 104 | Cardioid microphone capsule with windshield |
| KA 100-60 | Copper wire cable with right-angled plug |
| MZ 100 | Accessory set, consisting of clips and a carrying case |

Example of an ME 102/104/105 system for connection to the SK 50 transmitter:

| | |
|----------|--|
| ME 105 | Super-cardioid microphone capsule with windshield |
| KA 100-4 | Copper wire cable with right-angled plug |
| MZ 100 | Accessory set, consisting of clips and a carrying case |