

ME 102/104/105 System

Microphones | Lavalier Microphones

Cat. No. 005276

General Description

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.



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 \pm 3dB
 ME 104/ME 105 100 – 20,000 Hz \pm 3dB

Sensitivity (free field, no load) (1 kHz)

ME 102 10 mV/Pa \pm 2.5 dB
 ME 104 8 mV/Pa \pm 2.5 dB
 ME 105 1.6 mV/Pa \pm 2.5 dB

Nominal impedance

ME 102/ME 104 1 k Ω
 ME 105 800 Ω

Min. terminating impedance 4.7 k Ω 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) 31 dB
 CCIR-weighted (CCIR 468-3) 41 dB

Max. SPL (1 kHz)

ME 102 127 dB (THD = 1 %)
 ME 104/ME 105 133 dB (THD = 1 %)

Supply current appx. 250 μ A

Dimensions \varnothing 6 x 12 mm (0.24" x 0.47")

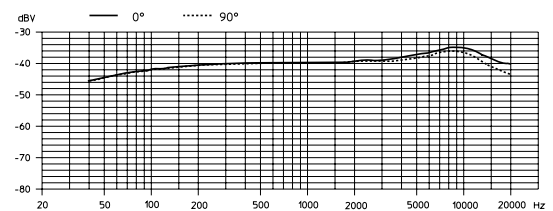
Weight (without cable) 1 g (0.04 oz)

Modules available for the ME 102/104/105 system

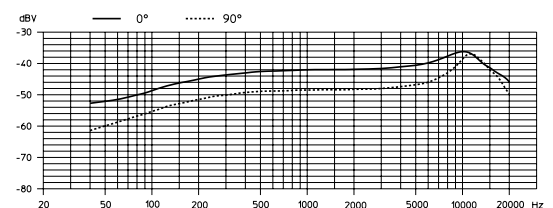
Cat. No.

- Microphone capsules including windshields (available in anthracite / nickel)
 - ME 102 (+ MZW 102) 003876 / 003838
 - ME 104 (+ MZW 104) 004227 / 004228
 - ME 105 (+ MZW 104) 005301 / 005302
- Copper wire cables (available in anthracite / grey)
 - KA 100-4 004233 / 004234
 - KA 100-1083 004399 / 004401
 - KA 100-60 004237 / 004238
 - KA 100-P 004241 / 004242
 - KA 100-5 004245 / 004246
 - KA 100-2R 004229 / 004230
- Steel wire cables (available in anthracite / beige)
 - KA 100 S-4 004235 / 004236
 - KA 100 S-1083 004402 / 004403
 - KA 100 S-60 004239 / 004240
 - KA 100 S-P 004243 / 004244
 - KA 100 S-5 004247 / 004248
 - KA 100 S-2R 004231 / 004232
- MZ 100 accessory set 004226
 - consisting of: 2 MZQ 102 (anthracite and grey)
 - 2 MZQ 02 (anthracite and nickel)
 - 2 ZH 100 (anthracite and beige)
 - 1 carrying case
- MZM 2 / MZM 10 magnetic mount set 001866

Frequency response ME 102



Frequency response ME 104/ME 105



ME 102/104/105 System

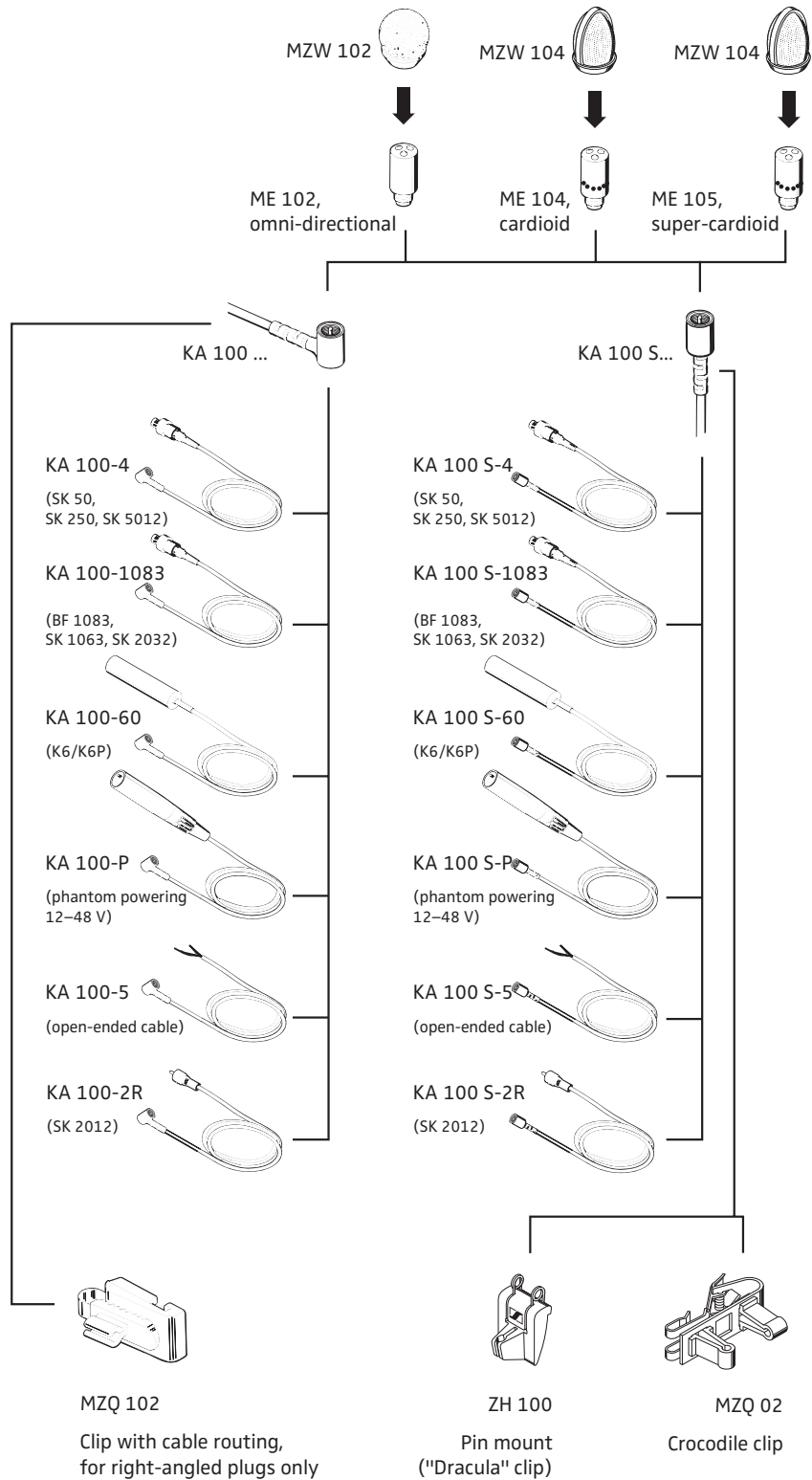
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Metal gauze windshields

Microphone capsules

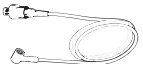

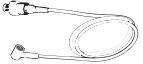

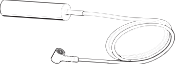
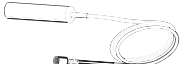

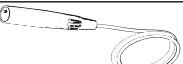
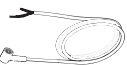

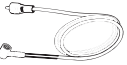
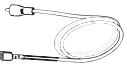
Connecting cables

Accessories



System ME 102/104/105

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Cable	Connector	Cable length	Connection to	Colour	Cat. No.
KA 100-4 	3-pin audio connector	1.6 m (5.25 ft)	SK 50, SK 250, SK 5012, SK 3063	anthracite	004233
				grey	004234
KA 100 S-4 	3-pin audio connector	1.6 m (5.25 ft)	SK 50, SK 250, SK 5012, SK 3063	anthracite	004235
				beige	004236
KA 100-1083 	co-axial connector	1.6 m (5.25 ft)	BF 1083, SK 1063, SK 2032	anthracite	004399
				grey	004401
KA 100 S-1083 	co-axial connector	1.6 m (5.25 ft)	BF 1083, SK 1063, SK 2032	anthracite	004402
				beige	004403
KA 100-60 	K6 system	3.0 m (9.84 ft)	K6/K6P	anthracite	004237
				grey	004238
KA 100 S-60 	K6 system	3.0 m (9.84 ft)	K6/K6P	anthracite	004239
				beige	004240
KA 100-P 	3-pin XLR with integral phantom power adaptor	3.0 m (9.84 ft)	phantom powering 12–48 V (± 4 V)	anthracite	004241
				grey	004242
KA 100 S-P 	3-pin XLR with integral phantom power adaptor	3.0 m (9.84 ft)	phantom powering 12–48 V (± 4 V)	anthracite	004243
				beige	004244
KA 100-5 	without connector, open-ended cable	3.0 m (9.84 ft)		anthracite	004245
				grey	004246
KA 100 S-5 	without connector, open-ended cable	3.0 m (9.84 ft)		anthracite	004247
				beige	004248
KA 100-2R 	co-axial connector	1.6 m (5.25 ft)	SK 2012	anthracite	004229
				grey	004230
KA 100 S-2R 	co-axial connector	1.6 m (5.25 ft)	SK 2012	anthracite	004231
				beige	004232

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