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.



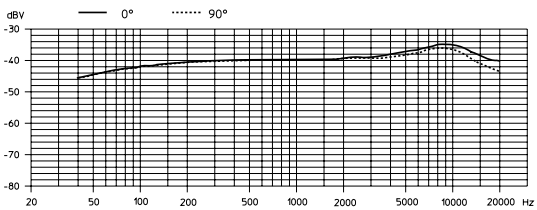
Modules available for the ME 102/104/105 system

	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 consisting of: 2 MZQ 102 (anthracite and grey) 2 MZQ 02 (anthracite and nickel) 2 ZH 100 (anthracite and beige) 1 carrying case	004226
■ MZM 2 / MZM 10 magnetic mount set	001866

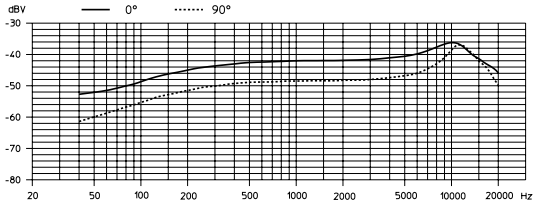
Technical Data ME 102/ME 104/ME 105

Pick-up pattern
ME 102 ..... omni-directional
ME 104 ..... cardioid
ME 105 ..... super-cardioid
Frequency response
ME 102 ..... 40 – 20,000 Hz ± 3dB
ME 104/ME 105 ..... 100 – 20,000 Hz ± 3dB
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) ..... 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 µA
Dimensions ..... Ø 6 x 12 mm (0.24″ x 0.47″)
Weight (without cable) ..... 1 g (0.04 oz)

Frequency response ME 102



Frequency response ME 104/ME 105



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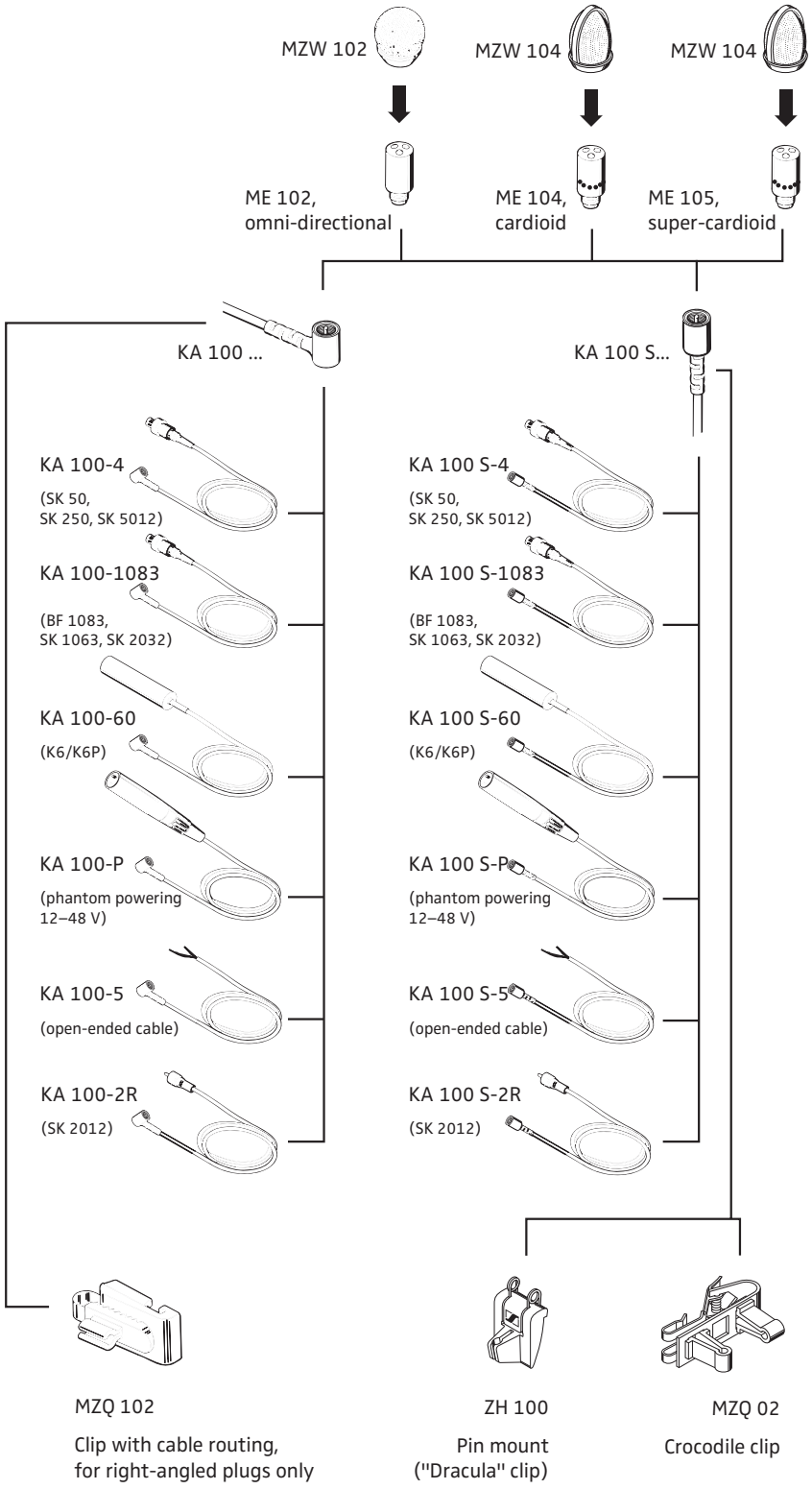
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Metal gauze windshields

Microphone capsules

Connecting cables

Accessories



MZQ 102

Clip with cable routing, for right-angled plugs only

ZH 100

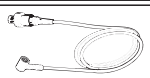
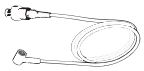
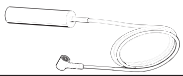
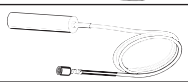
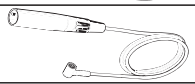
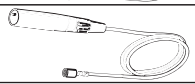
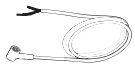
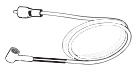
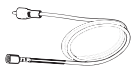
Pin mount ("Dracula" clip)

MZQ 02

Crocodile clip

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