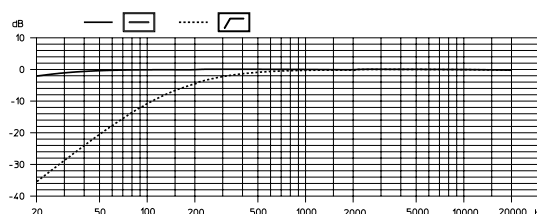


The K6 powering module is the heart of this Sennheiser professional modular microphone system and can be powered either by its internal 'AA' size 1.5 V battery or by 12 - 48 V phantom power. The K6 can be combined with different condenser microphone heads to provide a wide variety of polar patterns. Matt black, anodised scratch-resistant finish.

#### Features

- Switchable bass roll-off filter protects against rumble, handling, pop and wind noise
- On/off switch with battery test
- High output, low noise
- Transformerless balanced output on 3-pin XLR connector
- Delivery includes: 1 K6 powering module  
1 MZQ 200 microphone clamp  
1 AA battery  
1 protective carrying case



Cable pictured is an accessory not supplied with the powering module

#### Technical Data

Frequency response	30 - 20,000 Hz $\pm$ 1 dB
Transmission factor (1 kHz)	0 dB
Nominal impedance	200 $\Omega$
Min. terminating impedance	1 k $\Omega$
Max. output voltage	2 V (at 1 kHz)
Power supply	phantom 12 - 48 V ( $\pm$ 4 V) or 1.5 V AA size battery
Supply current	2.2 mA
Battery life	approx. 150 h
Dimensions in mm	155 x $\varnothing$ 22
Resultant length in mm*	94
Weight	approx. 45 g

\* Resultant length: this is the figure you need to add to the microphone head length to give the overall length of the complete microphone.

#### Recommended Accessories

Microphone head	ME 62, omni-directional	Cat. No. 03281
Microphone head	ME 64, cardioid	Cat. No. 03282
Microphone head	ME 65, super-cardioid	Cat. No. 03283
Microphone head	ME 66, short gun	Cat. No. 03284
Microphone head	ME 67, long gun	Cat. No. 03285
Clip-on microphone	MKE 2-60 Gold-C, omni-directional	Cat. No. 04733
Mini-modular system	ME 102/104 system	
Shock mount	MZS 6	Cat. No. 03287
Quick release clamp	MZQ 6	Cat. No. 03288

#### Profile

Powering module for battery/phantom powering with switchable roll-off filter, battery on/off switch with battery test. Suitable for ME 62 - ME 67 microphone heads and -60 versions of MKE microphones. Transmission factor 0 dB at 1 kHz, nominal impedance 200  $\Omega$ , min. terminating impedance 1 k $\Omega$ , max. output voltage 2 V (at 1 kHz), power supply: phantom powering 12 - 48 V or 1.5 V (AA size) alkaline battery, supply current 2.2 mA, battery life approx. 150 h, dimensions in mm:  $\varnothing$  22 x 155, resultant length 94 mm, weight approx. 45 g.

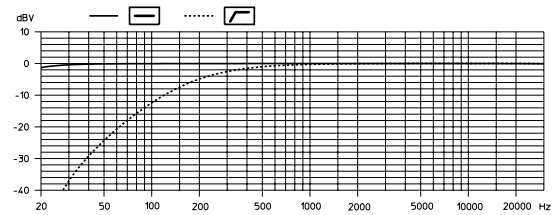
#### Product Variants

K6-C	as K6, but without accessories	Cat. No. 03861
K6-CL	as K6-C, but with lower sensitivity	Cat. No. 04032

The K6P powering module is at the heart of Sennheiser's professional modular condenser microphone system. It is similar to the K6 powering module but is powered by 12 - 48 V phantom power only, for use where battery power is not required (e.g. permanent installations). The K6P can be combined with various microphone heads to produce microphones with a variety of pick-up patterns. Matt black, anodised, scratch-resistant finish.

#### Features

- Switchable bass roll-off filter protects against rumble, handling, pop and wind noise
- On/off switch
- High output, low noise
- Transformerless balanced output on 3-pin XLR connector
- Delivery includes: 1 K6P powering module  
1 MZQ 200 microphone clamp  
1 protective carrying case



Cable pictured is an accessory not supplied with the powering module

#### Technical Data

Frequency response	30 - 20,000 Hz $\pm$ 1 dB
Transmission factor (1 kHz)	0 dB
Nominal impedance	200 $\Omega$
Min. terminating impedance	1 k $\Omega$
Max. output voltage	2 V (at 1 kHz)
Power supply	phantom 12 - 48 V ( $\pm$ 4 V)
Supply current	2.2 mA
Dimensions in mm	118 x $\varnothing$ 22
Resultant length in mm*	52
Weight	approx. 30 g

\* Resultant length: this is the figure you need to add to the microphone head length to give the overall length of the complete microphone.

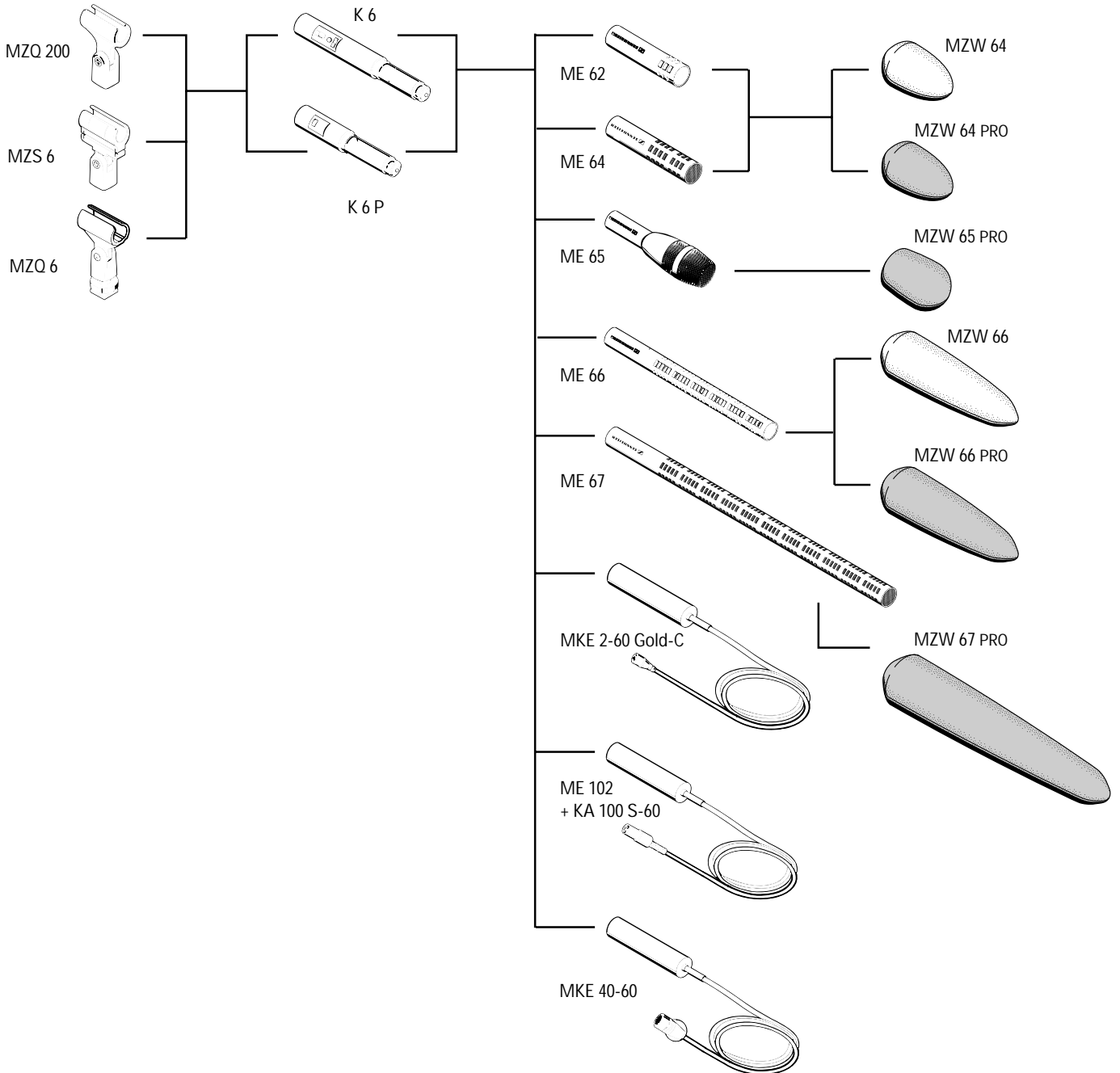
#### Recommended Accessories

Battery power supply unit	MZA 14 P 48 U	Cat. No. 02960
Microphone head	ME 62, omni-directional	Cat. No. 03281
Microphone head	ME 64, cardioid	Cat. No. 03282
Microphone head	ME 65, super-cardioid	Cat. No. 03283
Microphone head	ME 66, short gun	Cat. No. 03284
Microphone head	ME 67, long gun	Cat. No. 03285
Clip-on microphone	MKE 2-60 Gold-C, omni-directional	Cat. No. 04733
Mini-modular system	ME 102/104 System	
Shock mount	MZS 6	Cat. No. 03287
Quick release clamp	MZQ 6	Cat. No. 03288

#### Profile

Powering module for phantom powering with switchable roll-off filter suitable for ME 62 - ME 67 microphone heads and -60 versions of MKE microphones, transmission factor 0 dB at 1 kHz, nominal impedance 200  $\Omega$ , min. terminating impedance 1 k $\Omega$ , max. output voltage 2 V (at 1 kHz), phantom powering 12 V - 48 V, supply current 2.2 mA, dimensions in mm:  $\varnothing$  22 x 118, resultant length 52 mm, weight approx. 30 g.

# K6/K6P Modular System



## Back-Electret Microphone Head Suitable for K6 and K6P Powering Modules

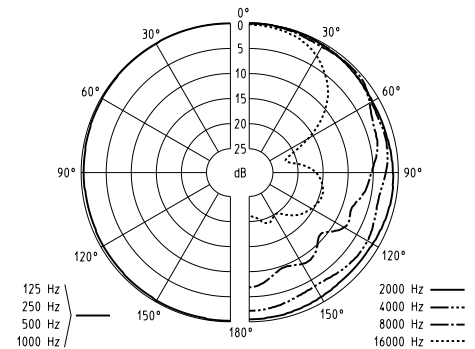
# ME 62

Cat. No. 03281

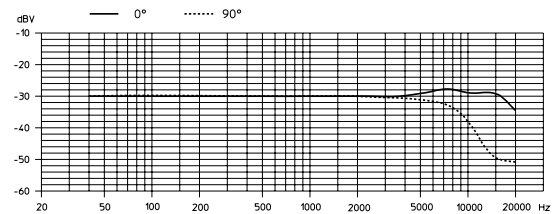
The ME 62 is an omni-directional microphone head suitable for K6 and K6P powering modules. It can be used for reporting, discussions and interviews. The ME 62 is particularly suitable for good reproduction of 'room' ambience and 'spaced omni' stereo recording. Matt black, anodised, scratch-resistant finish.

### Features

- Omni-directional pick-up pattern
- Minimal inherent self-noise
- Excellent rejection of rumble, wind and handling noise
- Wide frequency response
- High maximum sound pressure level
- Integral pop filter
- Delivery includes: 1 ME 62



Pictured with K6 powering module and cable (available separately)



### Technical Data

Pick-up pattern	omni-directional
Frequency response	20 - 20,000 Hz $\pm$ 2.5 dB
Sensitivity (free field, no load) (1 kHz)	31 mV/Pa $\pm$ 2.5 dB
Nominal impedance	200 $\Omega$ (with K6)
Min. terminating impedance	1 k $\Omega$ (with K6)
Equivalent noise level A-weighted (DIN IEC 651)	15 dB
CCIR-weighted (CCIR 468-3)	27 dB
Max. SPL (1 kHz)	130 dB (THD = 1 %)
Dimensions in mm	$\varnothing$ 22.5 x 94
Weight	30 g

### Profile

Omni-directional microphone head suitable for K6 and K6P powering modules. Frequency response 20 Hz - 20,000 Hz  $\pm$  2.5 dB, sensitivity (free field, no load) 31 mV/Pa  $\pm$  2.5 dB at 1 kHz, nominal impedance 200  $\Omega$  (with K6), min. terminating impedance 1 k $\Omega$  (with K6), equivalent noise level A-weighted 15 dB, CCIR-weighted 27 dB, max. SPL 130 dB at 1 kHz (THD = 1 %), dimensions  $\varnothing$  22.5 x 94 mm, weight 30 g.

### Recommended Accessories

Foam windshield	MZW 64	Cat. No. 03703
Foam windshield	MZW 64 pro	Cat. No. 03711

## Back-Electret Microphone Head Suitable for K6 and K6P Powering Modules

# ME 64

Cat. No. 03282

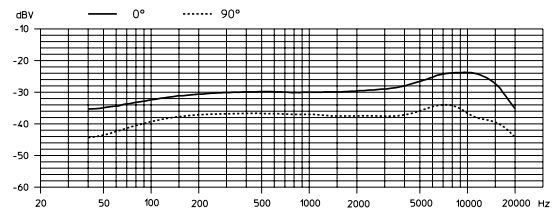
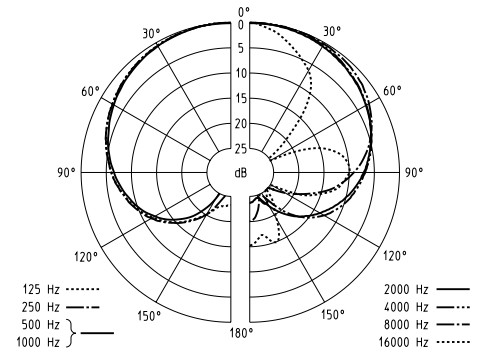
The ME 64 is a cardioid microphone head designed for use with the K6 and K6P powering modules. It has a very wide range of applications including reporting, interviews, dubbing, live sound reinforcement and recording applications. Matt black, anodised, scratch-resistant finish.

### Features

- Cardioid pick-up pattern
- Excellent directivity across whole frequency range
- Very good feedback rejection
- Effective rejection of incidental rear noise
- High speech clarity
- High maximum sound pressure level
- Wide frequency range
- Integrated pop filter
- Delivery includes: ME 64



Pictured with K6 powering module and cable (available separately)



### Technical Data

Pick-up pattern	cardioid
Frequency response	40 - 20,000 Hz $\pm$ 2.5 dB
Sensitivity (free field, no load) (1 kHz)	31 mV/Pa $\pm$ 2.5 dB
Nominal impedance	200 $\Omega$ (with K6)
Min. terminating impedance	1 k $\Omega$ (with K6)
Equivalent noise level A-weighted (DIN IEC 651)	16 dB
CCIR-weighted (CCIR 468-3)	25 dB
Max. SPL (1 kHz)	130 dB (THD = 1 %)
Dimensions in mm	$\varnothing$ 22.5 x 106
Weight	35 g

### Profile

Cardioid microphone head suitable for K6 and K6P powering modules. Frequency response 40 - 20,000 Hz  $\pm$  2.5 dB, sensitivity (free field, no load) 31 mV/Pa  $\pm$  2.5 dB at 1 kHz, nominal impedance 200  $\Omega$  (with K6), min. terminating impedance 1 k $\Omega$  (with K6), equivalent noise level A-weighted 16 dB, CCIR-weighted 25 dB, max. SPL 130 dB at 1 kHz (THD = 1 %), dimensions  $\varnothing$  22.5 x 106 mm, weight 35 g.

### Recommended Accessories

Foam windshield	MZW 64	Cat. No. 03703
Foam windshield	MZW 64 pro	Cat. No. 03711

## Microphones

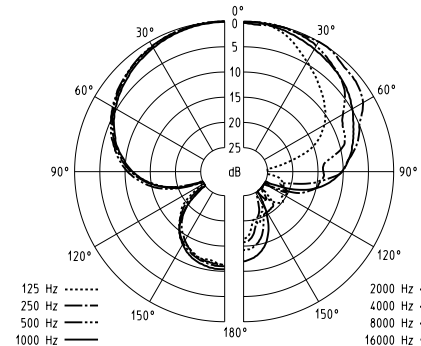
**Back-Electret Microphone Head  
Suitable for K6 and K6P Powering Modules**
**ME 65**

Cat. No. 03283

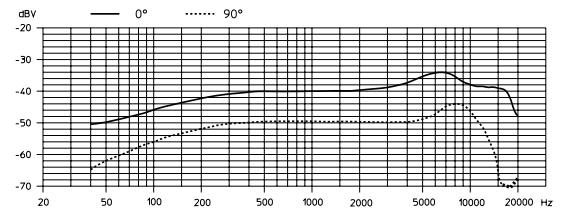
The ME 65 is a super-cardioid microphone head designed for use with the K6 and K6P powering modules. It is especially suited to vocal and speech applications. Matt black, anodised, scratch-resistant finish.

## Features

- Super-cardioid pick-up pattern
- Excellent directivity across whole frequency range
- Frequency-independent directivity ensures excellent feedback rejection
- Extremely high maximum sound pressure level
- High sensitivity
- Wide frequency range
- Integral pop filter
- Delivery includes: 1 ME 65



Pictured with K6 powering module and cable (available separately)



## Technical Data

Pick-up pattern	super-cardioid
Frequency response	40 - 20,000 Hz $\pm$ 2.5 dB
Sensitivity (free field, no load) (1 kHz)	10 mV/Pa $\pm$ 2.5 dB
Nominal impedance	200 $\Omega$ (with K6)
Min. terminating impedance	1 k $\Omega$ (with K6)
Equivalent noise level A-weighted (DIN IEC 651)	20 dB
CCIR-weighted (CCIR 468-3)	30 dB
Max. SPL (1 kHz)	142 dB (THD = 3 %)
Dimensions in mm	$\varnothing$ 44 x 131
Weight	80 g

## Recommended Accessories

Foam windshield	MZW 65 pro	Cat. No. 03757
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## Profile

Super-cardioid microphone head suitable for K6 and K6P powering modules. Frequency response 40 Hz - 20,000 Hz  $\pm$  2.5 dB, sensitivity (free field, no load) 10 mV/Pa  $\pm$  2.5 dB at 1 kHz, nominal impedance 200  $\Omega$  (with K6), min. terminating impedance 1 k $\Omega$  (with K6), equivalent noise level A-weighted 20 dB, CCIR-weighted 30 dB, max. SPL 142 dB at 1 kHz (THD = 3 %), dimensions  $\varnothing$  44 x 131 mm, weight 80 g.

## Microphones

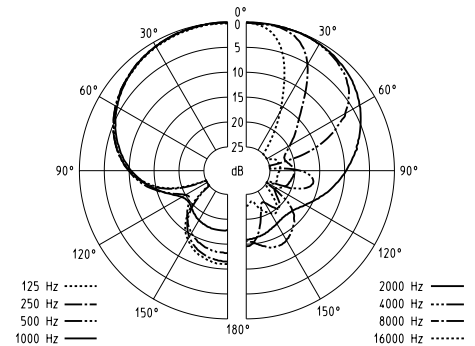
**Back-Electret Microphone Head  
Suitable for K6 and K6P Powering Modules**
**ME 66**

Cat. No. 03284

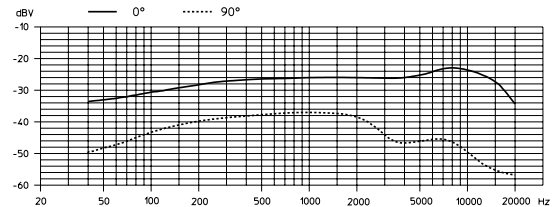
The ME 66 is a short gun microphone head designed for use with the K6 and K6P powering modules. It is especially suitable for reporting, film and broadcast location applications and for picking up quiet signals in noisy or acoustically live environments as it discriminates against sound not emanating from the main pick-up direction. Matt black, anodised, scratch-resistant finish.

**Features**

- Super-cardioid/lobar pick-up pattern
- Highly directional
- Low inherent self-noise
- High sensitivity
- Wide frequency response
- Delivery includes: 1 ME 66



Pictured with K6 powering module and cable (available separately)


**Technical Data**

Pick-up pattern	super-cardioid/lobar
Frequency response	40 - 20,000 Hz $\pm$ 2.5 dB
Sensitivity (free field, no load) (1 kHz)	50 mV/Pa $\pm$ 2.5 dB
Nominal impedance	200 $\Omega$ (with K6)
Min. terminating impedance	1 k $\Omega$ (with K6)
Equivalent noise level A-weighted (DIN IEC 651)	10 dB
CCIR-weighted (CCIR 468-3)	21 dB
Max. SPL (1 kHz)	125 dB (THD = 1 %)
Dimensions in mm	$\varnothing$ 22.5 x 221
Weight	65 g

**Recommended Accessories**

Foam windshield	MZW 66	Cat. No. 03704
Foam windshield	MZW 66 pro	Cat. No. 03712

**Profile**

Super-cardioid/lobar (short gun) microphone head suitable for K6 and K6P powering modules. Frequency response 40 - 20,000 Hz  $\pm$  2.5 dB, sensitivity (free field, no load) 50 mV/Pa  $\pm$  2.5 dB at 1 kHz, nominal impedance 200  $\Omega$  (with K6), min. terminating impedance 1 k $\Omega$  (with K6), equivalent noise level A-weighted 10 dB, CCIR-weighted 21 dB, max. SPL 125 dB at 1 kHz (THD = 1 %), dimensions  $\varnothing$  22.5 x 221 mm, weight 65 g.

## Microphones

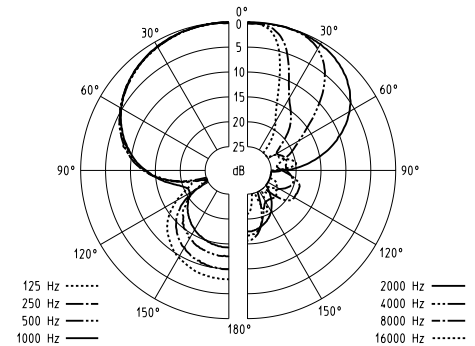
**Back-Electret Microphone Head  
Suitable for K6 and K6P Powering Modules**
**ME 67**

Cat. No. 03285

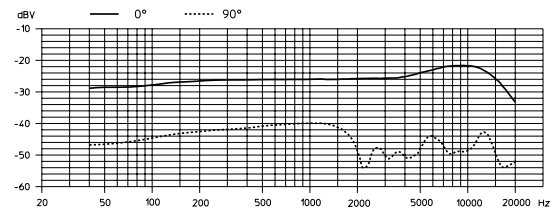
The ME 67 is a long gun microphone head designed for use with the K6 and K6P powering modules. A highly directional microphone, it can be used where the microphone must be placed at a distance from the sound source. Matt black, anodised, scratch-resistant finish.

## Features

- Lobar pick-up pattern
- Highly directional
- Very low inherent self-noise
- High sensitivity factor
- Wide frequency response
- Delivery includes: 1 ME 67



Pictured with K6 powering module and cable (available separately)



## Technical Data

Pick-up pattern	lobar (long gun)
Frequency response	40 - 20,000 Hz $\pm$ 2.5 dB
Sensitivity (free field, no load) (1 kHz)	50 mV/Pa $\pm$ 2.5 dB
Nominal impedance	200 $\Omega$ (with K6)
Min. terminating impedance	1 k $\Omega$ (with K6)
Equivalent noise level A-weighted (DIN IEC 651)	10 dB
CCIR-weighted (CCIR 468-3)	21 dB
Max. SPL (1 kHz)	125 dB (THD = 1 %)
Dimensions in mm	$\varnothing$ 22.5 x 343
Weight	100 g

## Recommended Accessories

Foam windshield	MZW 67 pro	Cat. No. 03832
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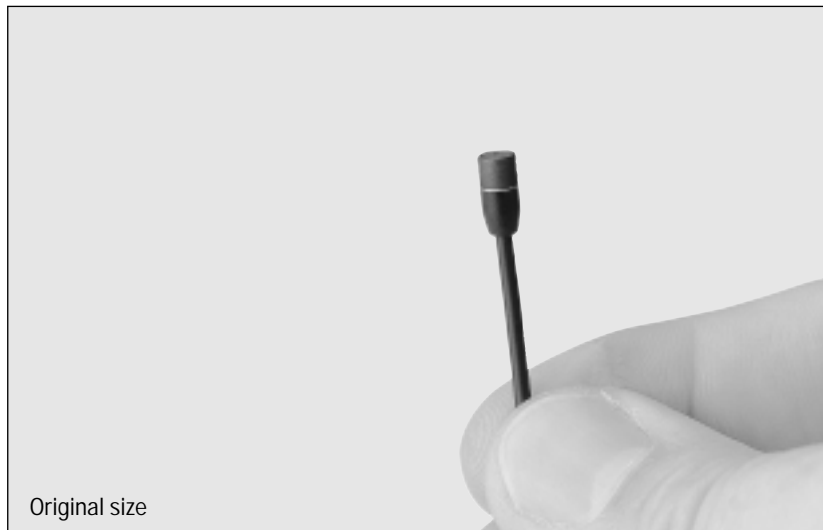
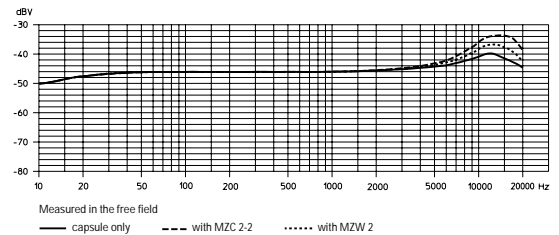
## Profile

Lobar (long gun) microphone head suitable for K6 and K6P powering modules. Frequency response 50 Hz - 20,000 Hz  $\pm$  2.5 dB, sensitivity (free field, no load) 50 mV/Pa  $\pm$  2.5 dB at 1 kHz, nominal impedance 200  $\Omega$  (with K6), min. terminating impedance 1 k $\Omega$  (with K6), equivalent noise level A-weighted 10 dB, CCIR-weighted 21 dB, max. SPL 125 dB at 1 kHz (THD = 1 %), dimensions  $\varnothing$  22.5 x 343 mm, weight 100 g.

The MKE 2-4 Gold-C is a high-quality, sub-miniature clip-on lavalier microphone which is suitable for both speech and instrument miking applications in all areas of live work. It fulfils the most stringent demands on sound quality and is extremely rugged. A special Umbrella Diaphragm™ and a welded housing protect the MKE 2 Gold against sweat and moisture, making it an ideal choice for theatrical productions. Colour: matt black.

**Features**


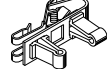


- New Umbrella Diaphragm™ protects the mic against sweat
- Very high sound pressure handling capability
- Versatile attachment due to an extensive range of accessories
- Delivery includes: 1 MKE 2-4 Gold-C clip-on microphone
  - 1 MZC 2-1 cap (short)
  - 1 MZC 2-2 cap (long)






**Technical Data**

Pick-up pattern	omni-directional
Frequency response	20 - 20,000 Hz ± 3 dB
Sensitivity (free field, no load) (1 kHz)	5 mV/Pa ± 2.5 dB
Nominal impedance	1 kΩ
Min. terminating impedance	4.7 kΩ
Equivalent noise level	
A-weighted (DIN IEC 651)	26 dB
CCIR-weighted (CCIR 468-3)	39 dB
Max. SPL (1 kHz)	142 dB (THD = 1 %)
Power supply	18 kΩ/7.5 V
Supply current	approx. 250 μA
Connector	3-pin LEMO for SK 50/SK 250
Cable length	1.6 m
Dimensions in mm	Ø 4.8
Weight	1 g

**Recommended Accessories**

Accessory set consisting of	MZ 2-1 Gold 2 MZW 2 (black and beige) 2 MZQ 02 (black and beige) 2 ZH 102 (anthracite and beige) 1 MZW 102 1 carrying case	Cat. No. 04741
Accessory set consisting of	MZ 2-2 Gold 5 MZC 2-1 (black and beige) 5 MZC 2-2 (black and beige)	Cat. No. 04742
Accessory set consisting of	MZ 2-3 Gold 10 make-up protection caps	Cat. No. 04743
Magnetic mount set	MZM 2/MZM 10	Cat. No. 01866

MZW 2	MZQ 02	ZH 102	MZM 2 MZM 10
			
anthracite nickel	anthracite nickel	anthracite beige	grey

MZW 102	MZC 2-1	MZC 2-2	Make-up Protection Cap
			
	black beige	black beige	red

**Product Variants**

MKE 2-60 Gold-C	suitable for K6/K6P powering modules, cable length 3 m, 5 mV/Pa ± 3 dB, black	Cat. No. 04733
MKE 2-5 Gold-C	with open-ended cable, cable length 4 m, 5 mV/Pa ± 3 dB, black	Cat. No. 04735
MKE 2-5-3 Gold-C	as MKE 2-5 Gold-C, but beige	Cat. No. 04738
MKE 2-4-3 Gold-C	as MKE 2-4 Gold-C, but beige	Cat. No. 04739
MKE 2-2R Gold-C	with co-axial plug for SK 2012, cable length 1.6 m, 5 mV/Pa ± 3 dB, black	Cat. No. 04734
MKE 2-2R3 Gold-C	as MKE 2-2R Gold-C, but beige	Cat. No. 04737

## Microphones

 Condenser Clip-On Microphone  
 Modular Mini-Microphone System

# ME 102/104 System

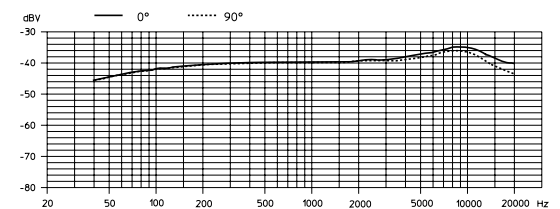
The ME 102/104 modular mini-microphone system fulfils professional demands for sound quality and rugged handling, and is suitable for all areas of live work where a small and unobtrusive microphone is needed for vocal and speech applications. Scratch-resistant matt finish: anthracite or nickel.

## Features

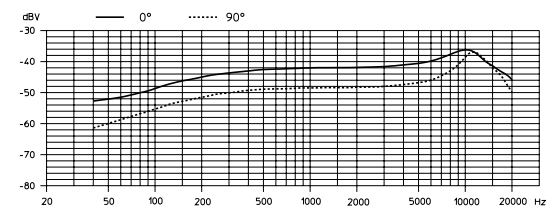
- Excellent speech clarity
- Gently falling frequency response curve at low frequencies ensures good rejection of handling and wind noise
- Minimal inherent self-noise
- Omni-directional or cardioid microphone capsules, can be quickly interchanged
- Optionally available with right-angled plug (copper 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



## Modules available for the ME 102/104 system

## Cat. Nos.

 Microphone capsules  
 including windshields

(available in anthracite / nickel)	ME 102 (+ MZW 102)	03876 / 03838
	ME 104 (+ MZW 104)	04227 / 04228

## 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
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## Technical Data ME 102/ME 104

## Pick-up pattern

ME 102	omni-directional
ME 104	cardioid

## Frequency response

ME 102	40 - 20,000 Hz
ME 104	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

## Nominal impedance

	1 kΩ
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## Min. terminating impedance

	4.7 kΩ
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## 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

## Max. SPL (1 kHz)

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

## Supply current

	approx. 250 μA
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## Dimensions in mm

ME 102	Ø 6 x 12
ME 104	Ø 6 x 12

## Weight (without cable)

	1 g
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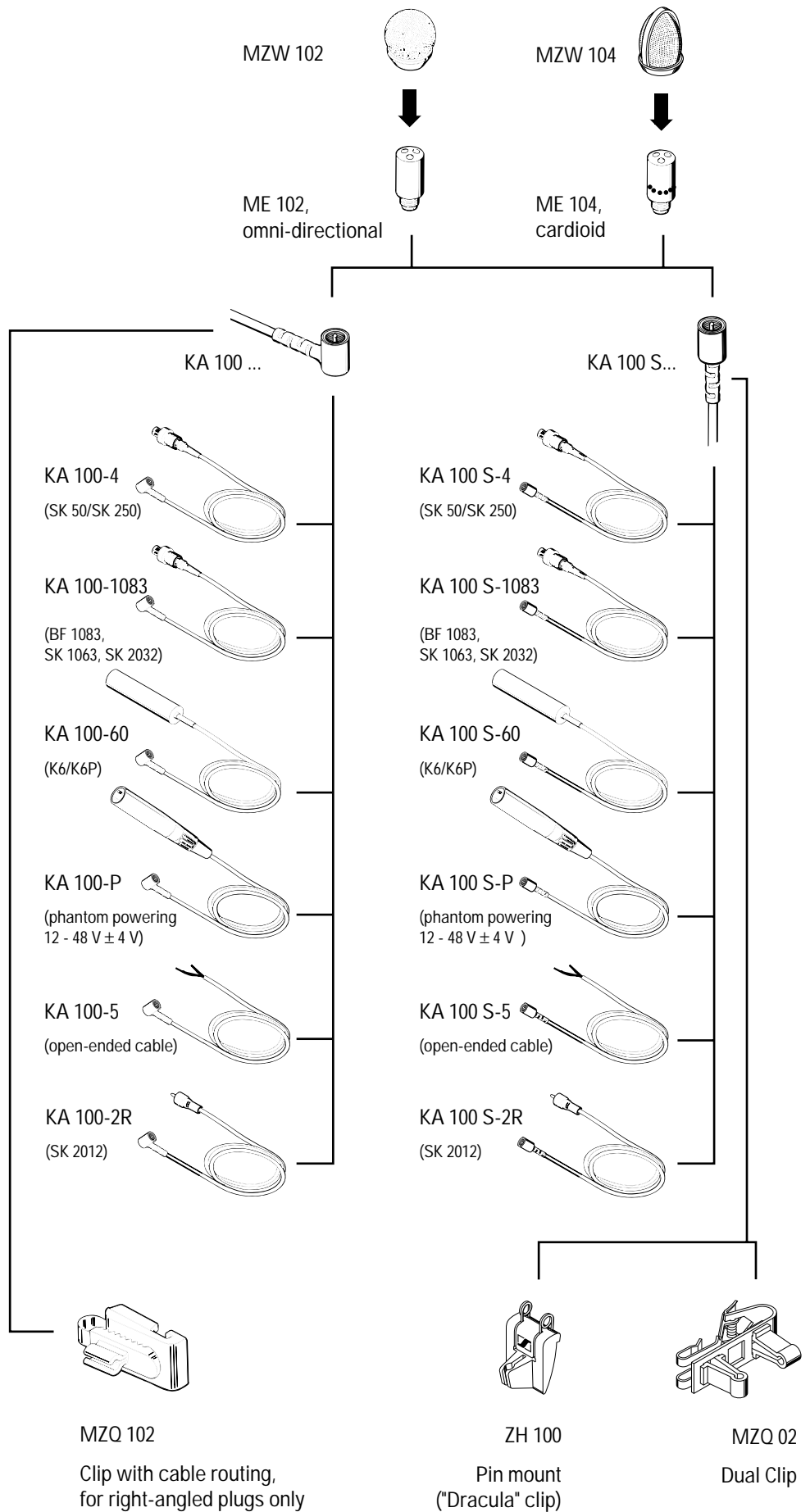
# ME 102/104 System

Metal gauze windshields

Microphone capsules

Connecting cables

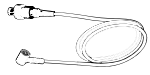
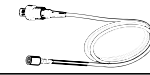
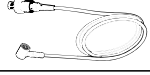
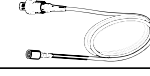
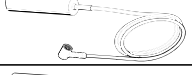
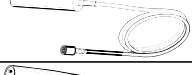
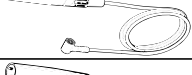
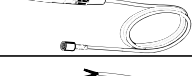
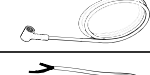
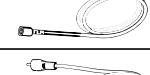


Accessories



## Microphones

 Connection Cables for the  
ME 102 and ME 104 Microphone Capsules

# ME 102/104 System

Cable	Connector	Cable length	Connection to	Colour	Cat. No.
KA 100-4 	LEMO	1.6 m	SK 50/SK 250, SK 3063	anthracite	04233
				grey	04234
KA 100 S-4 	LEMO	1.6 m	SK 50/SK 250 SK 3063	anthracite	04235
				beige	04236
KA 100-1083 	LEMO (co-axial)	1.6 m	BF 1083, SK 1063, SK 2032	anthracite	04399
				grey	04401
KA 100 S-1083 	LEMO (co-axial)	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 (± 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 (± 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 plug	1.6 m	SK 2012	anthracite	04229
				grey	04230
KA 100 S-2R 	co-axial plug	1.6 m	SK 2012	anthracite	04231
				beige	04232

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

ME 102                      Omni-directional 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

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

ME 104                     Cardioid microphone capsule with windshield  
 KA 100 S-60             Steel wire cable with straight plug  
 MZ 100                    Accessory set, consisting of clips and a carrying case