



MCE 5

CONDENSER MICROPHONE

beyerdynamic

FEATURES

- Wide frequency range and natural response
- Omnidirectional polar pattern
- Studio quality
- Small and unobtrusive design
- Quickly interfaceable to wireless body-pack transmitters and other devices
- Battery/phantom power

APPLICATIONS

The omnidirectional MCE 5 clip-on microphone has been designed for the miking of speech and instruments, especially in broadcasting, film and stage. The delivery includes a small detachable wire mesh windscreen for outdoor applications.

The MCE 5 is available in many versions for the use with different devices. In addition to the use with amplifiers and recorders, this microphone is well suited for the connection to beyerdynamic's wireless systems.

TECHNICAL SPECIFICATIONS

| | |
|---|---------------------------|
| Type | MCE 5.14 |
| Transducer type | Condenser (back electret) |
| Operating principle | Pressure |
| Frequency response | 35 - 20,000 Hz |
| Polar pattern | Omnidirectional |
| Open circuit voltage at 1 kHz (0 dB = 1 V/Pa) | approx. 18 mV/Pa (+6 dB) |
| Nominal impedance | approx. 200 Ω sym. |
| Load impedance | $\geq 1000 \Omega$ |
| Max. SPL at 1 kHz | 122 dB |
| Signal-to-noise ratio rel. 1 Pa | approx. 60 dB |
| A-weighted equivalent SPL | approx. 26 dB |
| Supply voltage | 12 - 48 V phantom power |
| Current consumption | approx. 3.4 mA |
| Cable length | 1.35 m |

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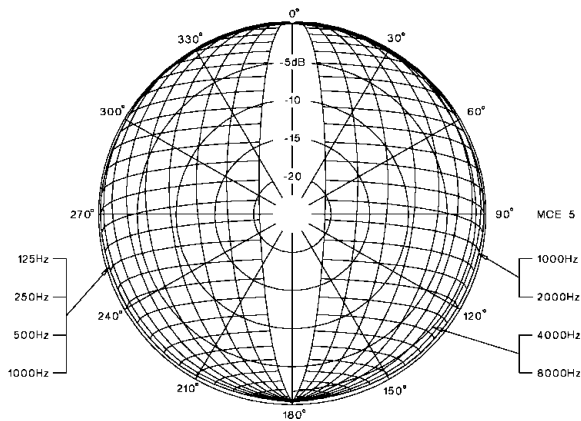
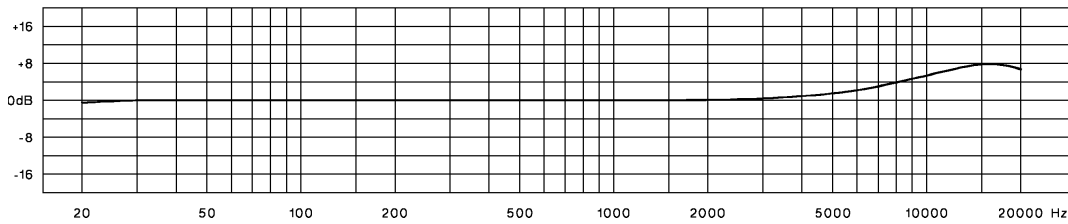
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FREQUENCY RESPONSE & POLAR PATTERN

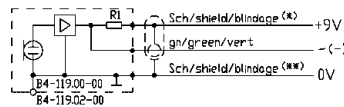
This frequency response curve (measuring tolerance ± 2.5 dB) and polar pattern correspond to a typical production sample for this microphone.

Sollfrequenzkurve +/- 2,5dB 0dB = 18mV/Pa MCE 5

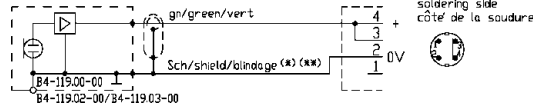


WIRING DIAGRAM

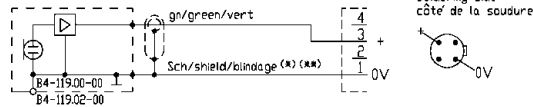
MCE 5.09/MCE 5.16-01
MCE 6.09



MCE 5.14
MCE 6.14/MCE 6.14 RDT



MCE 5.16
MCE 6.16



(*) Schirm innen/shield inside/blindage intérieur
(**) Schirm aussen/shield outside/blindage extérieur

Änderungen vorbehalten
Subject to change without notice
Sous réserve de modifications

VERSIONS

- MCE 5.09 bare-ended cable Order # 248.495
- MCE 5.14 with 4-pin Binder-plug for the connection to beyerdynamic belt-pack transmitters . . Order # 276.812
- MCE 5.14 S same as above, but with ON/OFF-switch Order # 277.592
- MCE 5.16 with 4-pin LEMO-plug for the connection to beyerdynamic belt-pack transmitters . . Order # 420.662

SUPPLIED ACCESSORIES

- Black, padded protective zipper bag
- MKV 5/1 Microphone clip Order # 250.333
- WS 5 Windscreen, black Order # 219.045
- ZWS 5 Polyurethane foam wind shield, charcoal-grey Order # 275.603

OPTIONAL ACCESSORIES

- MAG 5 Mount for guitar Order # 275.301
- MFH 5 Mount for flute Order # 275.298
- MGH 5 Mount for violin Order # 219.037
- MKV 5/1 D Mic clip swivel mount for 1 microphone Order # 275.131
- MKV 5/2 Mic clip for 2 microphones. Order # 250.341
- MMH 5 Magnetic holder for 1 microphone Order # 440.442
- MSV 5/1 Stick-pin mount for 1 microphone. Order # 250.368
- MSV 5/2 Stick-pin mount for 2 microphones Order # 250.376

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