

MCE 58

Reporter's Condenser Microphone

Order # 450.367



FEATURES

- Omnidirectional polar pattern
- High output level
- Rugged construction
- Battery powering

APPLICATIONS

The MCE 58 condenser microphone has been specially developed for interviewing and broadcasting. Its unbalanced output supplies a very high level which allows direct connection to mobile DAT and MD-machines. The elasticated suspension of the transducer element eliminates unwanted handling noise and built-in active filters suppress unwanted low frequency noise such as traffic rumble. The MCE 58 has a frequency response curve which has been optimised for excellent intelligibility of speech. The non-glare coating is scratch-resistant and will withstand the rough use often associated with news gathering events.

OPTIONAL ACCESSORIES

- MKV 8 Microphone clamp with 3/8" internal thread, for shaft diameters of 22 - 32 mm. Order # 407.216
- MVK N(C)-K3 Connecting cable XLR - mini stereo jack, 3.5 mm, 1.5 m Order # 406.813
- MWK N(C)-K3 Coiled cable XLR - mini stereo jack, 3.5 mm Order # 470.570

TECHNICAL SPECIFICATIONS

- Transducer type Condenser (back electret)
- Operating principle Pressure
- Frequency response 40 - 20,000 Hz
- Polar pattern Omnidirectional
- Open circuit voltage at 1 kHz 4 mV/Pa
- Nominal impedance 370 Ω (unbalanced)
- Load impedance 2 k Ω
- Max. SPL at 1 kHz 132 dB
- Signal-to-noise-ratio rel. to 1 Pa 60 dB
- A-weighted equivalent SPL 26 dB
- Supply voltage 1.5 V battery (type AA/LR 6)
- Current consumption 20 mA
- Operating time with battery 80 hours
- Male connector 3-pin XLR; 1 and 3 = ground, 2 = signal +
- Dimensions:
- Length 260 mm
- Shaft diameter 25 mm
- Head diameter 45 mm
- Weight without cable 200 g

SUPPLIED ACCESSORIES

- Battery 1.5 V (type AA/LR 6)
- WS 91 Wind shield, colour: charcoal-grey. Order # 451.029

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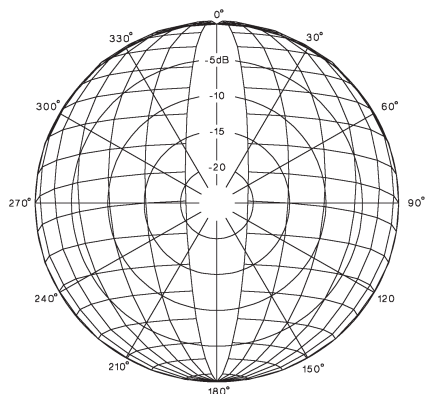
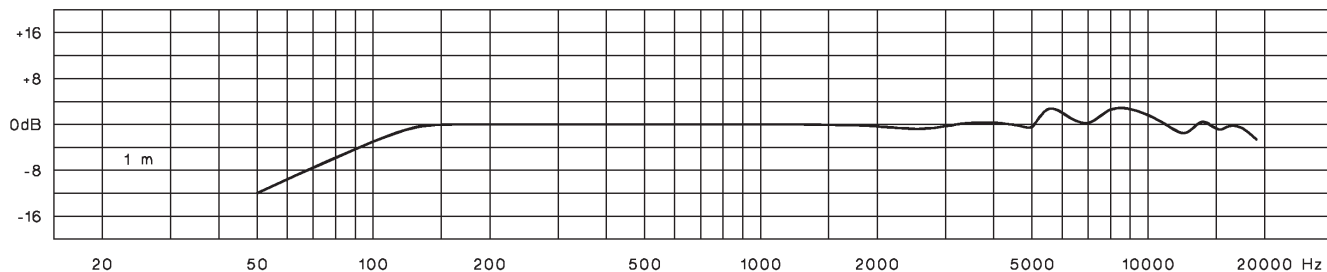
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FREQUENCY RESPONSE & POLAR PATTERN

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

Frequency response ± 2.5 dB 0 dB = 10 mV/Pa MCE 58



WIRING DIAGRAM

