

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 Nextel™ surface is scratch-resistant and will withstand the rough use often associated with news gathering events.

SUPPLIED ACCESSORIES

Battery 1.5 V (type AA/LR 6)

MKV 8 Microphone clamp with 3/8" internal thread,
for shaft diameters of 22 - 32 mm Order # 407.216

OPTIONAL ACCESSORIES

WS 91 Windscreen, charcoal-grey Order # 451.029

MKV N(C)-K2 Coiled cable XLR-Jack, 3.5 mm Order # 415.642

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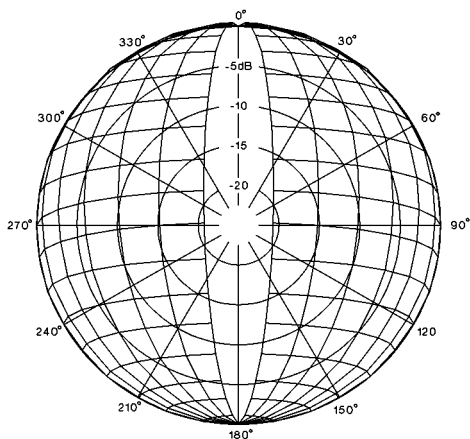
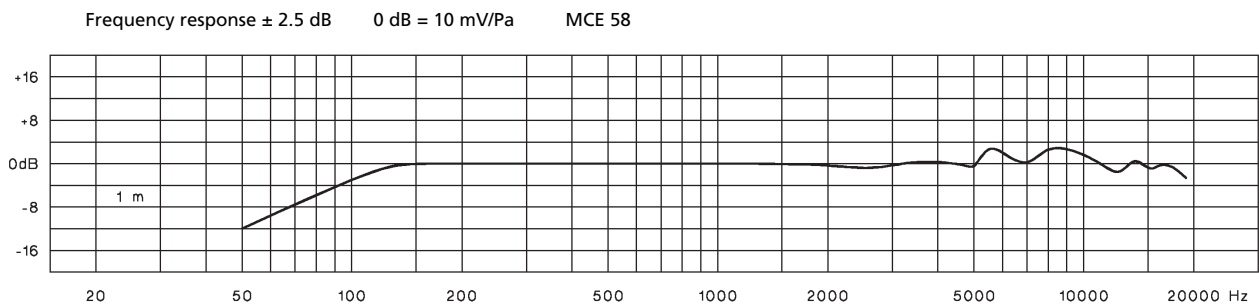
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TECHNICAL SPECIFICATIONS

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

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.



WIRING DIAGRAM

MCE 58

