



MCE 58

REPORTER'S CONDENSER MICROPHONE

Order # 450.367

FEATURES

- Omnidirectional polar pattern
- High output level
- Rugged construction
- Slime line design
- 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.

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 +
Length	260 mm
Shaft diameter	25 mm
Head diameter	45 mm
Weight without cable	200 g

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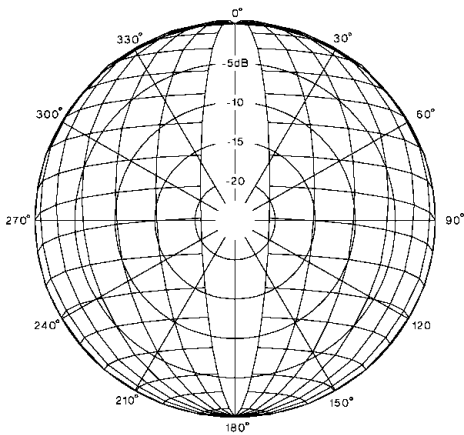
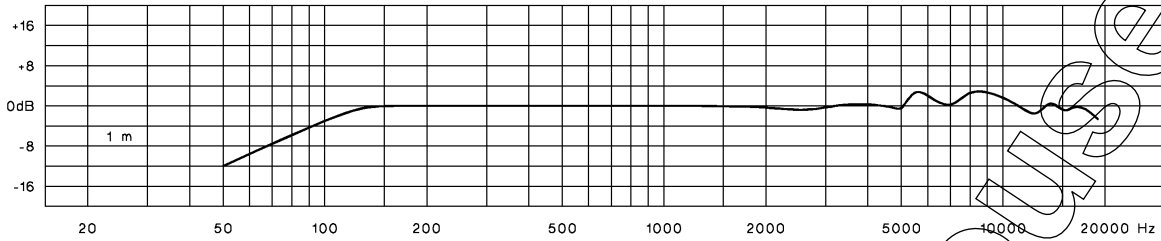
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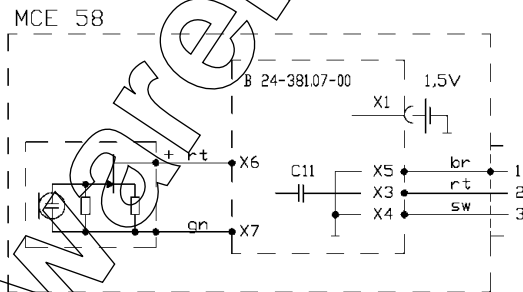
FREQUENCY RESPONSE & POLAR PATTERN

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

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



WIRING DIAGRAM



SUPPLIED ACCESSORIES

- Battery 1.5 V (type AA/LR 6)
- Black, padded protective zipper bag
- MKV 8 Microphone clamp Order # 407.216

OPTIONAL ACCESSORIES

- Highly flexible cables with industry standard Neutrik jack and XLR connectors
- WS 91 Windscreen, charcoal-grey Order # 451.029
- MV 100 Microphone pre-amp, portable, 2-channel,
supply via PSU 18/500 EU or 2 x 9 V alkaline batteries Order # 434.833

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