

Opus 82

CONDENSER MICROPHONE

Order # 460.311

FEATURES

- Flexible gooseneck
- Cardioid polar pattern ensures high-gain-before feedback
- Rugged construction for on-tour applications

APPLICATIONS

The Opus 82 is an ideal condenser microphone (back electret) for miking brass instruments. Its clip ensures a solid mounting to the instrument. The gooseneck allows optimum positioning. Due to its cardioid polar pattern the Opus 82 ensures a high-gain-before feedback. For connection the microphone has a 3-pin XLR-plug.

TECHNICAL SPECIFICATIONS

(measured at 48 V phantom power)

Transducer type	Condenser (back electret)
Operating principle	Pressure gradient
Frequency response	30 - 20,000 Hz
Polar pattern	Cardioid
Open circuit voltage	6 mV/Pa = -44 dBV
Nominal impedance	200 Ω
Load impedance	> 1 kΩ
Max. SPL at f = 1 kHz	136 dB (at 48 V phantom power) 126 dB (at 12 V phantom power)
S/N ratio	64 dB
A-weighted equivalent SPL	22 dB
Supply voltage	12 - 48 V phantom (recommended phantom power: 48 V)
Current consumption	< 6 mA
Connection	3-pin XLR, male

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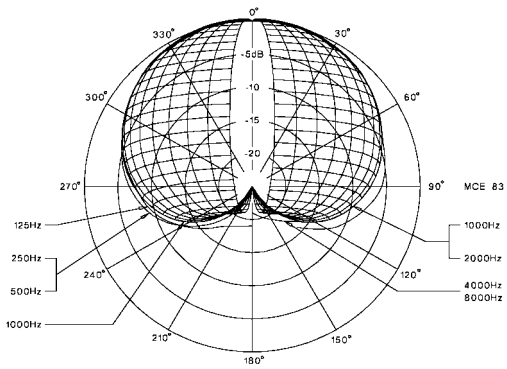
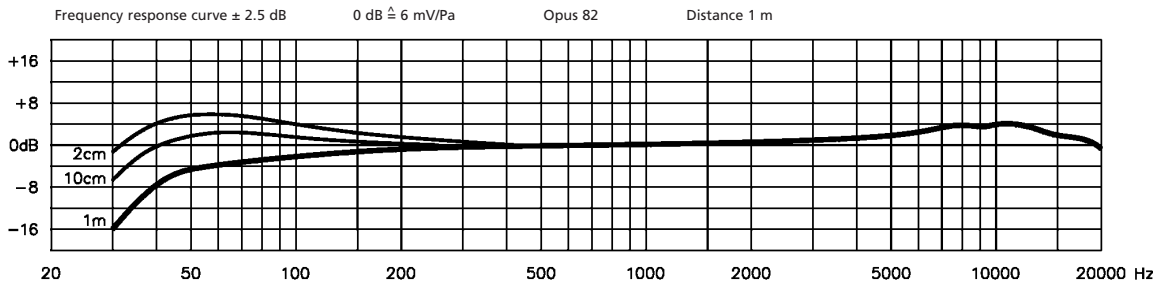
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FREQUENCY RESPONSE & POLAR PATTERN

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



WIRING DIAGRAM

