

MCE 494

Condenser Microphone

Order # 465.577



FEATURES

- Cardioid polar pattern
- Direct powering
- Unobtrusive design
- High-quality voice reproduction
- Excellent noise rejection

APPLICATIONS

The MCE 494 is a condenser microphone intended for direct connection to notebooks, mobile DAT and MD recorders in teleconferencing, speech recognition and interviewing applications. The microphone is powered from the microphone input of the connected device. Due to its cardioid polar pattern, the MCE 494 has high-gain-before feedback (PC loudspeaker) and rejects background sounds such as drive noise. The wide frequency response gives clear and precise voice reproduction with high intelligibility.

OPTIONAL ACCESSORY

WS 20 sw Wind shield for MCE 494, black Order # 439.975

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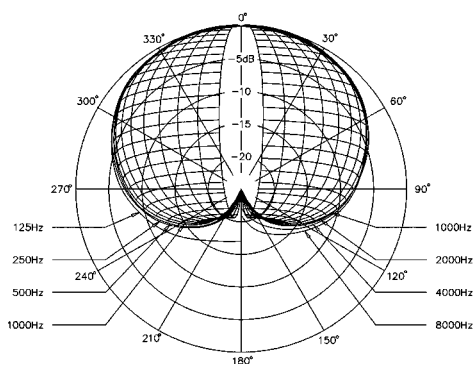
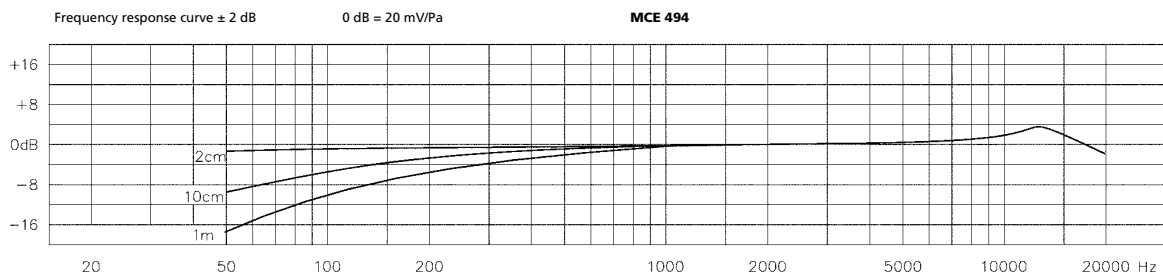
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TECHNICAL SPECIFICATIONS

| | | |
|---|--|---------|
| Transducer type | Condenser (back electret) | |
| Operating principle | Pressure gradient | |
| Polar pattern | Cardioid | |
| Frequency response | 30 - 18,000 Hz (close miking) | |
| Open circuit voltage | approx. 20 mV/Pa | |
| Nominal impedance | approx. 2 k Ω | |
| Load impedance | > 10 k Ω | |
| Max. SPL at f = 1 kHz, k = 1%, R = 1 k | 120 dB | |
| Signal-to-noise ratio at 1 Pa | 60 dB | |
| A-weighted equivalent SPL | 26 dB | |
| Connection | Mini stereo jack plug (3.5 mm) (L and R bridged) | |
| Dimensions | Length: | 45 mm |
| | Diameter: | 13.5 mm |
| Weight without cable | 6.5 g | |

FREQUENCY RESPONSE & POLAR PATTERN

This frequency response curve (measuring tolerance ± 2 dB) and polar pattern correspond to a typical production sample for this microphone.



WIRING DIAGRAM

