

# MM-500

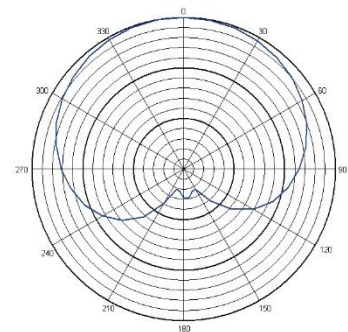
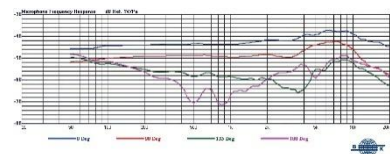
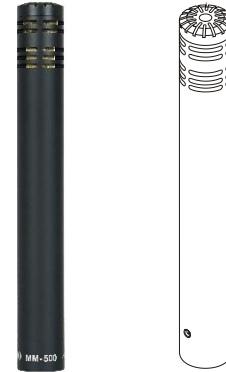
## Cardioid Instrument Microphone

### FEATURES

- Cardioid polar pattern balances focused pickup with natural tone, minimizing ambient interference and feedback.
- Wide frequency response and high dynamic range preserve full sonic detail.
- High-sensitivity capsule ideal for stage vocals, instrument miking, and live music production.
- Rugged metal construction with precision protective design withstands demanding performance environments.

### SPECIFICATIONS

Polar Pattern	Cardioid
Capsule Type	Condenser
Frequency Response	50 Hz – 20 kHz @ 94 dB SPL
Sensitivity	-43 dBV/Pa @ 1 kHz
Residual Noise	< 17 dBA SPL
S/N Ratio	> 78 dB @ 94 dB SPL
Max SPL	149 dB SPL
Dynamic Range	132 dB
Output Impedance	200 $\Omega$
Output Jack	3-Pin XLR
Power Supply	+12 – 48V phantom power, 2 mA
Housing & Construction	Aluminum alloy
Dimensions	23 × 180 mm ( $\varnothing$ × L)
Weight	Approx. 130 g



Minimum Distance: 50 cm  
Test Environment: BOM & Ejan 2012 & 9640

