

# MIPRO PRODUCTS

## MM-89 True Condenser Vocal Microphone



### Features:

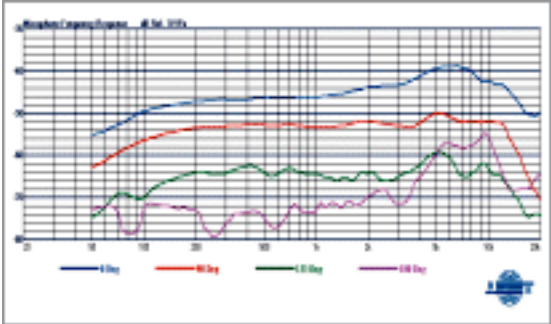
- A premium quality cardioid hand-held true condenser vocal microphone.
- Robust housing construction for demanding conditions of any touring or installation environment.
- Natural sound reproduction via its highly stable sensitivity and fast transient response.
- Crisp, clear, brilliant and sweet mid-range sound quality.
- Highly consistent cardioid directional characteristic offers excellent rear rejection and acoustic isolation.
- Wide frequency response and dynamic range characteristics for a transparent, rich sound reproduction compared with electret condenser microphones.
- Shock-mounted capsule provides excellent suppression of touch & vibration noises.
- Multi-layered grills protect against impact and undesirable "pop" and breath noises.
- The exterior grill can be detached easily for easy maintenance and hygiene practices.
- Maximum SPL 147dB
- External 12~52V phantom power required.
- Available in nickel(pictured), all black and all champagne colors.
- Ideally used for professional sound reinforcement, broadcasting, and studio recording applications.

### Specifications:

Capsule Type	True Condenser
Housing	Die-cast Zinc Alloy Metal Housing
Directional Polar Pattern	Cardioid (see graph)
Sensitivity	-46dB± 1dBV/Pa (0dB=1V Open load)
Frequency Response	50Hz~20KHz (see graph)
Self-Noise	24dB SPL (Typical, A-weighted)
S/N Ratio	At least 70dB, measured at 94dB SPL (1Pa)
Max. Input SPL	147dB (Typical, 1% THD)
Dynamic Range	123dB
Phantom Power	External 12~52VDC
Output Impedance	200Ω
Weight	285g / 10oz
Note	Refer to actual product in the event of product discrepancy

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## Frequency Response



## Polar Pattern

