

MM-590 Condenser / Dynamic Microphone

Introduction

The MM-590 is a patented one-of-a-kind condenser / dynamic microphone. Users can select from MIPRO's MU-90, MU-80 condenser or MU-59 dynamic microphone capsule modules to suit their personal preference and these can be directly mounted on the housing as desired.

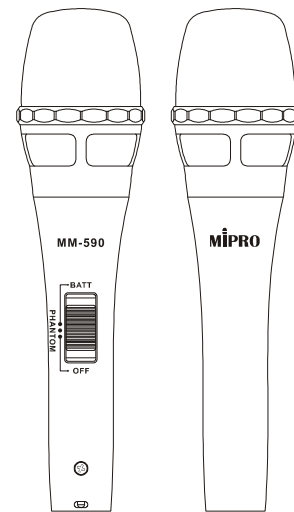
When switching the power switch to the first stage, a built-in AA battery will supply 48 V phantom power for condenser mic capsules, and the MM-590 will exhibit exactly the same features as the most professional condenser microphone.

Key Features

- The built-in battery supplies phantom power.
- Can be fitted with dynamic capsule module and be used like MM-59.
- Superb directionality and feedback suppression.
- Sustains high SPL without distortion.
- The rugged grille protects the capsule against impact.
- Ultra-low handling and impact noise.
- Ideal for vocal, stage, broadcast, studio and music hall applications.

Technical Specifications

Capsule	MU-90, optional MU-80, MU-59
Housing	Die-cast zinc alloy
Polar Pattern	Supercardioid
Sensitivity	-46 ± 1 dBV / Pa (0 dB=1V Open-circuit voltage)
Frequency Response	50 Hz – 20 kHz (94 dB SPL)
Self-Noise	< 17 dB SPL (A-weighted)
S/N Ratio	> 78 dB @ 94 dB SPL (1 Pa)
Max. Input SPL	149 dB (Typical)
Dynamic Range	132 dB
Output Impedance	600 Ω
Power Supply	1 × AA and external phantom power
Current Consumption	2.0 mA
Dimensions (Ø × L)	51 × 200 mm 2 × 7.9 "
Weight	Approx. 233 g 8.2 oz



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