

MM-590 Condenser / Dynamic Microphone

Introduction

The MM-590 is a first of its kind condenser/dynamic microphone. Performer can select MIPRO's MU-90, MU-80 condenser or MU-59 dynamic capsule which can be directly mounted on the microphone housing according to their personal preference. It exhibits the same wide dynamic range, ultra-low touching noise characteristics and rugged built quality like MM-90 and MM-59 microphones for professional stages as well as KTV establishments.

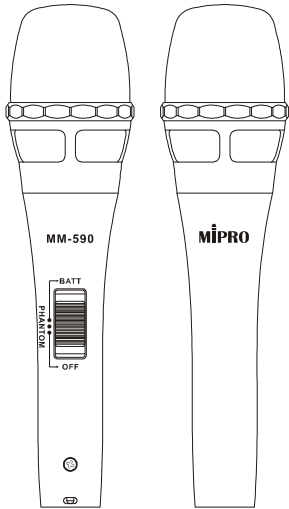
Other brands or MIPRO's older model MM-707 condenser microphone have a built-in single AA battery to provide 1.5V voltage supply which is unable to achieve the professional characteristics of an external phantom power. However, although MM-90B has a built-in single AA battery it offers the same professional characteristics as the external 48V phantom power.

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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