

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.

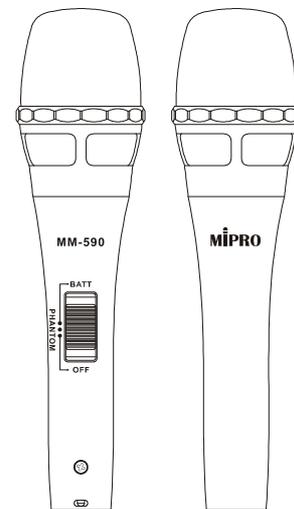
Other brands or MIPRO's older model MM-707 condenser microphone have a built-in single AA battery to provide 1.5V voltage supply which is unable to achieve the professional characteristics of an external phantom power. However, although MM-90B has a built-in single AA battery it offers the same professional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



MIPRO Electronics Co., Ltd

Headquarters: 814 Pei-kang Road, Chiayi, 60096, Taiwan
Tel: +886.5.238.0809 | Fax: +886.5.238.0803
www.mipro.com.tw | mipro@mipro.com.tw