

ECM-55B

Omni-directional lavalier Electret condenser microphone



Overview

ECM-55B Omni-directional Electret Condenser Lavalier Microphone.

- Supplied power unit with internal battery and male 12 – 48 V phantom supply operation
- Black mic body and cable

Specifications

Audio Section

Capsule Type	Electret Condenser
Frequency Response	30 Hz to 18 kHz
Directivity	Omni-directional
Sensitivity *[1]	-52.0 dB \pm 2 dB
Output Impedance * [2]	100 Ω \pm 20%, Balanced
Dynamic Range	98 dB or more
Signal-to-Noise Ratio	

*[3]	66 dB or more
Inherent Noise *[4]	28 dB SPL or less
Induction Noise From External Magnetic Field *[5]	5 dB SPL or less
Wind Noise *[6]	40 dB SPL or less (with windscreen)
Maximum Input Sound Pressure Level *[7]	126 dB SPL

General Section

Connector	B type. Supplied with XLR-3-12C (male) connector in power supply unit (single AA size battery)
Mic Cable	9.8 feet 3 m
Power Requirements	DC 1.5 V (AA size battery) or +48 V phantom power
Battery Operating Time	Approx. 6000 h (LR6)
Power Consumption	Internal battery: 0.3 mA or less External battery: 2 mA or less

Dimensions * ^[8]	<p>φ7/16 X 27/32 inches (Mic head) φ20.0 X 133 mm (Power unit XLR type) φ13/16 X 5 1/4 inches (Power unit XLR type) φ10.6 X 21 mm (Mic head)</p>
Mass	<p>Approx. 4.5 oz (with power supply unit) Approx. 126.5 g (with power supply unit)</p>
Supplied Accessories	<p>Single/vertical type tie clip (1) Single/horizontal type tie clip (1) Operating instructions (1) Mic case (1) Metak-mesh type windscreen (1) Double/horizontal type tie clip (1)</p>
Optional Accessories	<p>Wind screen pack Horizontal single-clip pack</p>

Notes

Note	<p>*^[1] 0 dB = 1 V/Pa, at 1 kHz *^[2] Output impedance at 1 kHz *^[3] A-weighted, 1 kHz, 1 Pa. *^[4] 0dB SPL = 20? Pa. *^[5] dB SPL/1E-7 T, 0 dB SPL = 20? Pa.</p>
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*[6] Wind noise at 2m/s (0 dB SPL = 20 Pa.)

*[7] 0 dB SPL = 20 Pa.

*[8] The values for dimensions are approximate.

Gallery

