

ECM-X7BMP

Uni-directional lavalier Electret condenser microphone



Overview

- * Uni-directional, electret condenser microphone
- * Supplied with 3-pole locking mini plug

Specifications

Audio Section

Capsule Type	Electret Condenser
Frequency Response	100 Hz to 15 kHz
Directivity	Uni-directional
Sensitivity *[1]	-44.0 ±3 dB
Output Impedance *[2]	1.2kΩ ±30%, Unbalanced
Dynamic Range	88 dB or more
Signal-to-Noise Ratio *[3]	62 dB or more
Inherent Noise *[4]	32 dB SPL or less 34

Maximum Input Sound Pressure Level *[5]	120 dB SPL
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General Section

Connector	BMP type. Supplied with ø3.5 mm, 3-pole mini plug.
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Mic Cable	3.9 feet 1.2 m
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Power Requirements	DC 5 V
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Power Consumption	0.2 mA or less
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Dimensions *[6]	φ15/32 x 13/16 inches φ11.5 x 20.5 mm
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Mass	Approx. 18.0 g Approx. 0.63 oz
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Supplied Accessories	Urethane type windscreen (1) Single/horizontal type tie clip (1)
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Optional Accessories	UWP wind screens (x6) for use with ECM-X7 BPM UWP lav mic clips (x2) for use with ECM-V1 BPM or ECM-X7BMP
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Notes

Note

*[1] 0 dB = 1 V/Pa, at 1 kHz

*[2] Output impedance at 1 kHz

*[3] A-weighted, 1 kHz, 1 Pa.

*[4] 0 dB SPL = 20 μ Pa.

*[5] 0 dB SPL = 20 μ Pa.

*[6] The values for dimensions are approximate.

Gallery

