

ECM-88BPT

Electret condenser microphone



Overview

Electret Condenser Mic

Specifications

Audio Section

Capsule Type	Electret Condenser
Frequency Response	20 Hz to 20 kHz
Directivity	Omni-directional
Sensitivity *[1]	-39.0 dB (11.2 mV)
Output Impedance * [2]	2.5kΩ ± 30%, Unbalanced
Dynamic Range	99 dB or more
Signal-to-Noise Ratio *[3]	68 dB or more
Inherent Noise *[4]	26 dB SPL or less

Induction Noise From External Magnetic Field *[5]	5 dB SPL or less
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Wind Noise *[6]	45 dB SPL or less (with supplied windscreen)
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Maximum Input Sound Pressure Level *[7]	125 dB SPL
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General Section

Connector	No connector (pigtail)
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Mic Cable	8.2 feet 2.5 m
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Power Requirements	DC 1.1 V to 10.0 V
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Power Consumption	0.4 mA or less
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Dimensions *[8]	ϕ 5/32 x 11/16 inches (Mic head) ϕ 3.5 x 16.8 mm (Mic head)
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Mass	Approx. 0.7 oz Approx. 0.5 g
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Supplied Accessories	Urethane type windscreen (1) Single/vertical type tie clip (1) Single/horizontal type tie clip (1)
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Operating instructions (1)
Ferrite clamp (1)

Optional Accessories

- Wind screen pack
- Vertical clip pack
- Safety clip pack
- Horizontal clip pack
- Double clip pack
- Color windscreen pack
- Black windscreen pack
- Accessory kit

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] 0dB SPL = 20 Pa.
- *[5] dB SPL/1E-7 T, 0 dB SPL = 20 Pa.
- *[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

