

ECM-166BC

Uni-directional lavalier Electret condenser microphone



Overview

Black coloured uni-directional electret condenser lavalier microphone supplied with a Sony 4-pin connector (SMC9-4P), for use with the WRT-8B/822B Sony bodypack transmitter.

- Resistant to howling by rejecting indirect sound
- Reasonably priced lavalier microphone ideal for institutional use and sound-contracting applications such as speeches, lectures and conferences

Specifications

Audio Section

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|------------------------|-------------------------------------|
| Capsule Type | Electret Condenser |
| Frequency Response | 100 Hz to 10 kHz |
| Directivity | Uni-directional |
| Sensitivity *[1] | -45 dB (5.6 mV) \pm 3 dB |
| Output Impedance * [2] | 2.5k Ω \pm 30%, Unbalanced |
| Dynamic Range | 96 dB or more |

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| Signal-to-Noise Ratio *[3] | 60 dB or more |
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| Inherent Noise *[4] | 34 dB SPL or less |
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| Maximum Input Sound Pressure Level *[5] | 130 dB SPL |
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General Section

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| Connector | BC type. Supplied with Sony 4-pin (SMC9-4P) connector |
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| Mic Cable | 3.9 feet 1.2 m |
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| Power Requirements | DC 1.1 V to 10.0V |
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| Power Consumption | 0.4 mA or less |
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| Dimensions *[6] | ϕ 12.7 X 23.8 mm (Mic head) ϕ 1/2 X 15/16 inches (Mic head) |
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| Mass | Approx. 28.3 g Approx. 1 oz |
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| Supplied Accessories | Urethane type windscreen (1) Single/horizontal type tie clip (1) Operating instructions (1) |
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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] 0dB SPL = 20? Pa.

*[5] 0 dB SPL = 20? Pa.

*[6] The values for dimensions are approximate.

Gallery

