

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

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

Signal-to-Noise Ratio
*[3] 60 dB or more

Inherent Noise *[4] 34 dB SPL or less

Maximum Input
Sound Pressure Level
*[5] 130 dB SPL

General Section

Connector BC type. Supplied with Sony 4-pin (SMC9-4P) connector

Mic Cable 3.9 feet
1.2 m

Power Requirements DC 1.1 V to 10.0V

Power Consumption 0.4 mA or less

Dimensions *[6] ϕ 12.7 X 23.8 mm (Mic head)
 ϕ 1/2 X 15/16 inches (Mic head)

Mass Approx. 28.3 g
Approx. 1 oz

Supplied Accessories Urethane type windscreen (1)
Single/horizontal type tie clip (1)
Operating instructions (1)

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

