

# ECM-166BC



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

## Audio Section

Capsule Type	Electret Condenser
Frequency Response	100 Hz to 10 kHz
Directivity	Uni-directional
Sensitivity *[1]	-45 dB (5.6 mV) ±3 dB
Output Impedance *[2]	2.5kΩ±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]	φ12.7 X 23.8 mm (Mic head)

	φ1/2 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	<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] 0 dB SPL = 20? Pa.          *[6] The values for dimensions are approximate.</p>
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