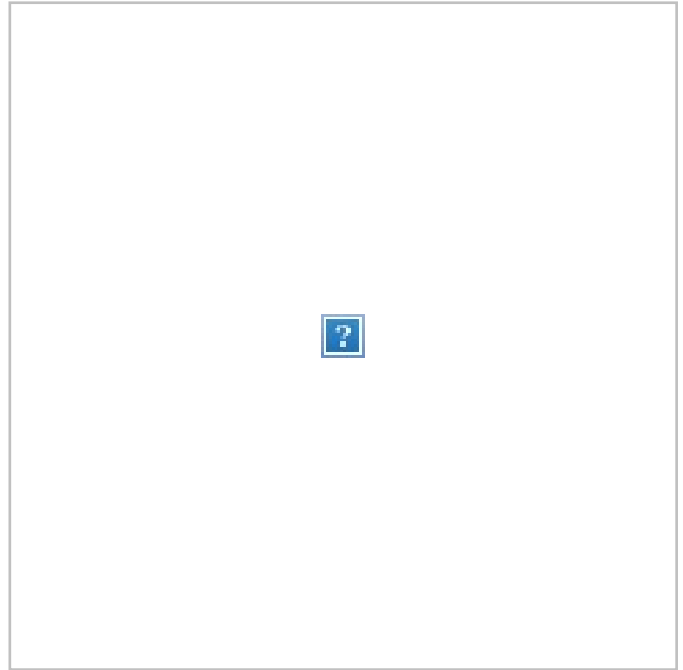


## ECM-166BC

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 $\Omega$ $\pm$ 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<br>1.2 m  |
| Power Requirements | DC 1.1 V to 10.0V  |
| Power Consumption  | 0.4 mA or less   |
| Dimensions *[6]    | $\phi$ 12.7 X 23.8 mm (Mic head)<br>$\phi$ 1/2 X 15/16 inches (Mic head) |
|                    | Approx. 28.3 g   |

|      |              |
|------|--------------|
| Mass | Approx. 1 oz |
|------|--------------|

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|                      |   |
|----------------------|---|
| Supplied Accessories | Urethane type windscreen (1)<br>Single/horizontal type tie clip (1)<br>Operating instructions (1) |
|----------------------|---|

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## Notes

|      |  |
|------|--|
| Note | <p>*[1] 0 dB = 1 V/Pa, at 1 kHz</p> <p>*[2] Output impedance at 1 kHz</p> <p>*[3] A-weighted, 1 kHz, 1 Pa.</p> <p>*[4] 0dB SPL = 20? Pa.</p> <p>*[5] 0 dB SPL = 20? Pa.</p> <p>*[6] The values for dimensions are approximate.</p> |
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## Gallery

