

## ECM-88BC

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 *<br>[2]     | 2.5kΩ ± 30%, Unbalanced |
| Dynamic Range                 | 99 dB or more           |
| Signal-to-Noise Ratio<br>*[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 |
|---|------------------|

|                 |  |
|-----------------|--|
| Wind Noise *[6] | 45 dB SPL or less (with supplied windscreen) |
|-----------------|--|

|   |            |
|---|------------|
| Maximum Input Sound Pressure Level *[7] | 125 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 10.0 V |
|--------------------|--------------------|

|                   |                |
|-------------------|----------------|
| Power Consumption | 0.4 mA or less |
|-------------------|----------------|

|                 |  |
|-----------------|--|
| Dimensions *[8] | $\phi 5/32 \times 11/16$ inches (Mic head)<br>$\phi 3.5 \times 16.8$ mm (Mic head) |
|-----------------|--|

|      |                                 |
|------|---------------------------------|
| Mass | Approx. 0.7 oz<br>Approx. 0.5 g |
|------|---------------------------------|

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

Operating instructions (1)  
Ferrite clamp (1)

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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

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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 $\mu$ Pa.
- \*[5] dB SPL/1E-7 T, 0 dB SPL = 20 $\mu$ Pa.
- \*[6] Wind noise at 2m/s (0 dB SPL = 20 $\mu$ Pa.)
- \*[7] 0 dB SPL = 20 $\mu$ Pa.
- \*[8] The values for dimensions are approximate.

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## Gallery

