

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 * [2]	2.5kΩ ± 30%, Unbalanced
Dynamic Range	99 dB or more
Signal-to-Noise Ratio *[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 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) $\phi 3.5 \times 16.8$ mm (Mic head)
-----------------	--

Mass	Approx. 0.7 oz Approx. 0.5 g
------	---------------------------------

Supplied Accessories	Urethane type windscreen (1) Single/vertical type tie clip (1) Single/horizontal type tie clip (1)
----------------------	--

Operating instructions (1)
Ferrite clamp (1)

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

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

Gallery

