SONY

ECM-778

Shotgun Electret condenser microphone



Specifications

Audio Section	
Capsule Type	Mono Electret Condenser
Frequency Response	40 Hz to 40 kHz
Directivity	Super cardioid
Sensitivity *[1]	-31 dB
Output Impedance *[2]	40 OHM
Dynamic Range	117 dB SPL or more
Signal-to-Noise Ratio *[3]	78 dB SPL or more
Intrinsic Noise *[4]	16 dB SPL or less
Maximum Input Sound Pressure Level *[7]	133 dB SPL* [9] 136 dB SPL *[10]

General Section	
Connector	XLR 3-pin
Power Requirements	External, 44 V to 52 V DC (IEC 61938 P48)
Dimensions *[8]	ϕ20 x 176 mm ϕ13/16 x 7 inches
Mass	Approx. 102 g (3.6 oz) (only main unit)
Supplied Accessories	Foam wind screen (1) Fur wind screen (1) Microphone holder (1) Microphone spacer (molded type) (1) Microphone spacer (sheet type) (1) Microphone cable (1) Storage case (1) Stand adaptor (2)

Notes	
*[1]	0 dB = 1 V/Pa, at 1 kHz
*[2]	Output impedance at 1 kHz
*[3]	A-weighted, 1 kHz, 1 Pa.

*[4]	0 dB SPL = 20 µPa.
*[5]	dB SPL/1E-7 T, 0 dB SPL = 20 µPa.
*[6]	Wind noise at 2m/s (0 dB SPL = 20 µPa.)
*[7]	0 dB SPL = 20 µPa.
*[8]	The values for dimensions are approximate.
*[9]	Equivalent sound pressure level value converted from the input level value that is acquired when 1% waveform distortion is produced by 1 kHz output signals from the microphone.
*[10]	Equivalent sound pressure level value converted from the input level value that is acquired when 10% waveform distortion is produced by 1 kHz output signals from the microphone.

Gallery











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