

Specifications

Type

Electret Condenser

Polar Pattern

Supercardioid/Lobar

Recording Format

WAV, 24-bit, 48 kHz Sampling Rate

Frequency Response

50 to 20,000 Hz

Sensitivity

open circuit voltage, @ 1 kHz, typical

0 dB Gain
-35 . 8 dBV/Pa ^[1] (16 . 2 mV)
+30 dB Gain
-5 . 8 dBV/Pa ^[1] (512 . 9 mV)

Maximum SPL

0 dB Gain Setting, 1 kHz at 1% THD ^[2], 1000 Ω load

129.2 dB SPL

Signal-to-Noise Ratio ^[3]

+30 dB Gain Setting

78.4 dB

Self Noise

equivalent SPL, A-weighted, typical, +30 dB Gain Setting

15.6 dB SPL-A

Environmental Conditions

Operating Temperature Range
-18°C (0°F) to 60°C (145°F)
Storage Temperature Range
-29°C (-20°F) to 74°C (165°F)
Operating Relative Humidity
0 to 95 %

Housing

Cast aluminum

Power Requirements

2 AA batteries (Alkaline, NiMH, Rechargeable Li-Ion)

Weight

215 g (7.6 oz.)

^[1] 1 Pa=94 dB SPL ^[2]

THD of microphone preamplifier when applied input signal level is equivalent to cartridge output at specified SPL

^[3]
S/N ratio is the difference between 94 dB SPL and equivalent SPL of self noise, A-weighted

Connector Type

3.5 mm (1/8") dual mono, Unbalanced

Output Impedance

47 Ω

Connector Type

3.5 mm (1/8") dual mono

Output Impedance

5 Ω

