

Technical Specifications

Microphone Preamp

Type	XLR Female Balanced
Frequency Response (± 3.0 dB)	20 Hz to 20 kHz
Input Impedance (Balanced)	1200 Ω
THD+N (unwtd, 1 kHz @ +4 dBu Output, Unity Gain)	< 0.008%
S/N Ratio (Unity Gain, Ref. = +4 dBu, 20 Hz to 22 kHz)	> 95 dB
Common Mode Rejection Ratio (1 kHz, 55 dB Gain)	> 45 dB
Gain Control Range (± 1 dB)	+10 dB to 55 dB
Max Input Level (Unity Gain, 1 kHz @ 0.5% THD+N)	-3 dBu
Phantom Power (± 2 VDC)	+48 VDC

Instrument Input

Type	1/4" TS Female Unbalanced
Input Impedance	0.5 M Ω
Gain Control Range (± 1 dB)	+5 dB to 50 dB

Line Outputs

Type	1/4" Balanced
Output Impedance	51 Ω

Headphone Output

Type	1/4" TRS Active Stereo
Maximum Output	60 mW/Ch @ 60 Ω Load
Frequency Response (± 1.0 dB)	20 Hz - 30 kHz

MIDI I/O

Type	Dual 5-pin Female DIN
------	-----------------------

Digital Audio

ADC Dynamic Range (A-wtd, 48 kHz Sample Rate)	105 dB
DAC Dynamic Range (A-wtd, 48 kHz Sample Rate)	105 dB
Bit Depth	24
Reference Level for 0 dBFS	+4 dBu
Internal Sample Frequency Selections (kHz)	44.1, 48, 88.2, 96
Power	USB 2.0 bus-powered

Physical

Dimensions	1/3U (steel chassis)
Height	5.5" (139.7 mm)
Depth	1.75" (44.45 mm)
Width	5.5" (139.7 mm)
Weight	1.3 lbs (0.59 kg)