

Specifications

Input	(3) analog line inputs/(2) AES digital inputs (shared connectors), (1) RTA mic input
Input Connectors	(3) female XLRs (2 selectable between analog/AES digital audio formats), (1) female XLR RTA mic input
Input Type	Electronically balanced/RF filtered
Input Impedance	> 30 kΩ, balanced line to line
Max Input Level (line inputs)	> +28 dBu, balanced, \leq1% THD
CMRR	> 50 dB @ 1 kHz
RTA Mic Preamp Phantom Power	+48 VDC

Output	(6) Line Outputs
Output Connectors	Male XLR
Output Type	Electronically balanced, RF filtered
Output Impedance	120 Ω, balanced line to line
Max Output Level	+22 dBu, balanced, $\leq 1\%$ THD
Alignment Delay	Up to 1000 ms per output channel
A/D Converter	24-bit with dbx Type IV™ Conversion System
A/D Dynamic Range	117 dB A-weighted, 114 dB unweighted, 22 kHz BW

Type IV Dynamic Range	129 dB with transient material, A-weighted, 22 kHz BW; 126 dB with transient material, unweighted, 22 kHz BW; 121 dB typical with program material, A-weighted, 22 kHz BW
D/A Converter	24-bit
D/A Dynamic Range	116 dB A-weighted, 113 dB unweighted, 22 kHz BW
Internal Processing Wordlength	32-bit floating point
Supported Sample Rates	48/96 kHz (32-192 kHz using sample rate conversion)
System Performance Dynamic Range	114 dB A-weighted; 110 dB unweighted
THD+Noise	0.0025% typical at +4 dBu, 1 kHz, 0 dB input gain

Frequency Response	20 Hz – 20 kHz, +0 /- 0.5 dB
Interchannel Crosstalk	< -97 dB, -105 dB typical 20-20 kHz, +4 dBu, all channels measured
Latency	Analog input to output: 2.57 ms (48 kHz), 2.28 ms (96 kHz); Digital AES input to output: 2.31 (48 kHz), 2.15 ms (96 kHz)
Operating Voltage	100-240 VAC 50/60 Hz
Power Consumption	18 W
Unit Weight	5.48 lbs. (2.49 kg)
Shipping Weight	7.10 lbs. (3.22 kg)
Dimensions	1.75" (H) x 8.0" (D) x 19" (W), 4.4cm (H) x 20.32cm (D) x 48.26cm (W)