

Technical Specs

Mic Input

Input Impedance = $3\text{K}\Omega$ (balanced)
Gain Range = 55dB
Frequency Response = 20Hz – 20KHz +/- 0.25dB
THD + N = .00098% (@12dB Gain)
Dynamic Range = 116dB (A-Weighted)
Crosstalk = < 100dB

Line Input

Input Impedance = $14\text{K}\Omega$ (balanced)
Maximum Input = 20dBu
Gain Range = 55dB
Frequency Response = 20Hz – 20KHz +/- 0.25dB
THD + N = .0022% (Min Gain)
Dynamic Range = 126dB (A-Weighted)
Crosstalk = < 100dB

Line Outputs

Output Impedance = 95Ω (balanced)
Max Output Level = 12dBu
Frequency Response = 20Hz – 20KHz +/- 0.25dB
THD+N = .002% (@ +10dBu)
*Dynamic Range = 106dB***

Instrument Input

Input Impedance = $1\text{M}\Omega$ (unbalanced)
Gain Range = 55dB
Frequency Response = 20Hz – 20KHz +/- 0.25dB
THD + N = .00114% (@ 0dBu)
Dynamic Range = 103dB (A-Weighted)
Crosstalk = < 100dB

Headphone Outputs

Output Impedance = 2.5Ω
Maximum Signal Output = 9.3dBu
Frequency Response = 20Hz – 20KHz +/- 0.5dB

***Dynamic range is affected by our preference to tuning individual stages for tonality. We found that the best sounding parts in the output path weren't necessarily the lowest noise components but they resulted in an optimal tone and signal purity that is instantly apparent to the listener. Electronic design is a game of compromise and we're confident your ears will agree with our choices.*