

i-7 Integrated Amplifier Specifications

Type	Solid State
Configuration	Dual-Mono / Balanced
Class of operation - Amplifier	A/AB
Single Ended Inputs (RCA)	5 pairs
Balanced Inputs (XLR)	1 pair
Input Sensitivity	490mV - 6.0V RMS
Input Impedance	23,700 Ω
Monitor Loop	1
Preamplifier Output	1 pair @ 50 Ω (RCA)
Output Device Types - Amplifier	Bipolars - 6 per channel
Output Binding Posts	Gold-plated WBT
Output Power @ 8 Ω	150 Watts per channel
Output Power @ 4 Ω	250 Watts per channel
Output Impedance	0.02 Ω
Damping Factor	> 400
Volume Steps	1.0 dB from 0-30 and 0.5dB from 30-80
Gain Control	M-eVOL (Resistive Array)
Gain	37dB
Signal-to-noise Ratio - Preamplifier	114dB (20Hz-20kHz)
Signal-to-noise Ratio - Amplifier	100dB @ full power
Maximum Output Voltage	45 Volts
Slew Rate	35V/ μ s
Maximum Current - Peak / Continuous	40 amperes / 20 amperes
Frequency Response	10Hz - 100kHz (+0/-3dB)
Crosstalk @ 1kHz	-100dB
IMD	unmeasurable
THD (20Hz - 20kHz @ 1 watt / 150 watts)	< 0.02% / < 0.05%
12 Volt Trigger Output Operation	Direct Logic (0V = off, 12V=on) using a 3.5mm mono microphone jack with an output impedance of 1000 Ω and current requirement of 12mA
SimLink Port	1 input + 1 output each on 1/8" mini-jack
RS-232 Port	9-pin female DB connector
IR input	1/8" mini-jack
Remote Control	All-Aluminum Full Function
Display Type	8 character dot matrix LED
Power Consumption @ idle	50 Watts
AC Power Requirements	120V / 60Hz 240V / 50Hz
Fuse Replacement - 120V	6.0A long fast blow
Fuse Replacement - 230V	3.0 long fast blow
Shipping weight	58 lbs / 26 kgs
Dimensions (w x h x d)	18.8 x 5.4 x 18.1 in.

Features & specifications are subject to change without notice.