

MOON i-7 Dual-Mono Integrated Amplifier

Specifications

Configuration	Fully balanced, dual-mono
Power Supply Transformers	2 x 0.5kVA
Power Supply Capacitance	68,800 μ F
Circuit Topology	Open Loop
Balanced inputs (XLR)	1 pair
Single-ended inputs (RCA)	4 pairs
Monitor Loop (RCA)	1 pair (inputs & outputs)
Input Impedance	23,700 Ω
Input Sensitivity	490mV – 6.0V RMS
Preamplifier line-level output (RCA)	1 pair @ 50 Ω
Output Device Type - 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	1dB from 0-30 and 0.5dB from 30-80
Gain Control	M-eVOL (resistive array)
Gain	37dB
Signal-to-noise Ratio (Preamplifier / Amplifier)	114dB (20-20kHz) / 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/-0.1dB
Crosstalk @ 1kHz	-100dB
Intermodulation Distortion	Unmeasurable
THD (20Hz - 20kHz @ 1 watt)	< 0.015%
THD (20Hz - 20kHz @ 150 watts)	< 0.04%
Remote Control	All Aluminum Simple (SRM)
Display Type	8 character dot matrix LED
Power Consumption @ idle	50 Watts
AC Power Requirements	120V / 60Hz or 240V / 50Hz
Shipping Weight	58 lbs / 26 Kgs
Dimensions (W x H x D, inches)	18.75 x 5.5 x 16.5

Balanced Input Pin Assignment:

Pin 1.....	Ground
Pin 2.....	Positive
Pin 3	Negative

NOTE: In the event that you require the RS-232 codes for your **MOON i-7**, please contact Simaudio Ltd. directly by either email (service@simaudio.com) or by toll-free telephone (877-980-2400).



Fuse Replacement:

For the 120V version use a 6A fast blow (3AG size).
For the 230V version use a 3A fast blow (3AG size).