

MOON W-7 Dual-Mono Power Amplifier

Specifications

Configuration	Dual Mono
Power Supply Transformers	2 x 0.5kVA
Power Supply Capacitance	115,520 μ F
Class Of Operation	A/AB
Design	Fully Balanced Differential to output stage
Input Impedance	47,500 Ω
Input Sensitivity	980mV
Output Device Type	Bipolars - 12 per channel
Output Power at 8 Ω	150 Watts per channel
Output Power at 4 Ω	300 Watts per channel
Output Power – Bridged Mono at 8 Ω	600 Watts
Frequency Response	10Hz - 200kHz +0/-3dB
Output Impedance	0.01 Ω
Damping Factor (static)	800
Gain	31dB
Signal-to-noise Ratio	> 106dB @ full power
Maximum Output Voltage	34 Volts
Slew Rate	42V/ μ s
Maximum Current – Peak	42 amperes
Maximum Current – Continuous	18 amperes
Crosstalk @ 1kHz	-105dB
Intermodulation Distortion	Unmeasurable
THD (20Hz - 20kHz @ 1 watt)	< 0.015 %
THD (20Hz - 20kHz @ 150 watts)	< 0.04 %
Power Consumption @ idle	40 Watts
AC Power Requirements	120V / 60Hz or 240V / 50Hz
Shipping Weight	85 lbs / 38 Kgs
Dimensions (W x H x D, inches)	18.75 x 7.5 x 16.5
Balanced Pin Assignment:	
Pin 1.....	Ground
Pin 2.....	Positive
Pin 3	Negative
12 Volt Trigger:	
Logic	Direct (0V off, 12V on)
Jack.....	3.5mm microphone jack
Input Impedance	1k Ω
Current Consumption.....	12mA

NOTE: In the event that you require either the RS-232 codes for your **MOON W-7** or would like to operate this amplifier in a bridged mono configuration, please contact Simaudio Ltd. directly by either email (service@simaudio.com) or toll-free telephone (877-980-2400).



Fuse Replacement: For the 120V version use a 8A fast blow (3AG size).
For the 230V version use a 4A fast blow (3AG size).