

MOON Aurora Multi-Channel Power Amplifier

Specifications

Configuration	5 or 7 channels
Power Supply Transformer	2kVA
Power Supply Capacitance	177,000µF (5-ch) / 183,000µF (7-ch)
Class Of Operation	A/AB
Input Impedance	22,000Ω
Input Sensitivity	1420mV
Output Device Type	Bipolars - 6 per channel
Power Output at 8Ω (any channel)	200 Watts
Power Output at 4Ω (any channel)	400 Watts
Frequency Response	10Hz - 100kHz +0/-3dB
Output Impedance	0.01Ω
Damping Factor (static)	800
Gain	29dB
Dynamic Headroom	6dB
Signal-to-noise Ratio	> 98dB @ full power
Maximum Output Voltage	42 Volts
Slew Rate	75V/µs
Maximum Current – Peak	28 amperes
Maximum Current – Continuous	14 amperes
Crosstalk @ 1kHz	< -96dB
Intermodulation Distortion	Unmeasurable
THD (20Hz - 20kHz @ 1 watt)	< 0.05 %
THD (20Hz - 20kHz @ 200 watts)	< 0.08 %
Power Consumption @ idle	45 Watts
Rack Mount Size.....	5 spaces
AC Power Requirements	120V / 60Hz or 240V / 50Hz
Fuse Replacement - 120V (5-ch / 7-ch)	Long fast blow - 10A / 15A (3AG size)
Fuse Replacement - 230V (5-ch / 7-ch)	Long fast blow - 6A / 8A (3AG size)
Dimensions (W x H x D, inches)	19 x 9-5/8 x 22

Balanced Input Pin Assignment:

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

12 Volt Trigger:

Logic	Direct (0V off, 12V on)
Connector	1/8" mini-jack
Input Impedance	2000Ω
Current Consumption.....	6mA

Shipping weight:

5 channels	106 lbs / 47 kgs
7 channels	112 lbs / 50 kgs