

MOON P 5.3 Stereo Preamplifier

Specifications

Configuration	Stereo
Power Supply Transformers	1 x 10VA (for audio); 1 x 10VA (controller circuitry)
Power Supply Capacitance	26,400 μ F
Circuit Topology	Open Loop
Balanced inputs (XLR)	1 pairs
Single-ended inputs (RCA)	4 pairs
Input Impedance	22,000 Ω
Input Sensitivity	200mV – 4.0V RMS
Balanced outputs (XLR)	1 pair
Single-ended outputs (RCA)	2 pairs (fixed and variable)
Output Impedance (RCA / XLR)	50 Ω / 100 Ω
Gain Control	M-eVOL
Gain	9dB
Signal-to-noise Ratio (20Hz-20kHz)	109dB @ full output
Maximum Output Voltage (Balanced)	12 Volts
Maximum Output Voltage (Single-Ended)	6 Volts
Frequency Response	5Hz - 100kHz +0/-0.1dB
Crosstalk @ 1kHz	< -110dB
Intermodulation Distortion	Unmeasurable
THD (20Hz - 20kHz)	< 0.002%
Remote Control	All Aluminum Full-Function (FRM-2)
Power Consumption @ idle	6 Watts
AC Power Requirements	120V / 60Hz or 240V / 50Hz
Shipping Weight	25 lbs / 11 Kgs
Dimensions (W x H x D, inches)	17 x 4 x 15

Balanced Input and Output Pin Assignment:

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

Optional Phono Section:

Input Impedance - Adjustable	100 Ω and 47k Ω
Input Capacitance - Adjustable	0pF and 100pF
Gain – Adjustable	40dB and 60dB
Input overload @ 40dB/60dB gain	58mV RMS / 3mV RMS
Signal-to-noise Ratio (full scale @ 40dB/60dB gain)	107dB / 85dB
Frequency Response	20Hz - 20kHz ($\pm$ 0.5dB)
Intermodulation Distortion	< 0.009%
THD (20Hz - 20kHz)	< 0.001%
Crosstalk @ 1kHz	-97dB



Fuse Replacement:

For the 120V version use a 0.2A slow blow (5 x 20mm size).
For the 230V version use a 0.1A slow blow (5 x 20mm size).