

MOON LP 5.3 Phono Preamplifier

Specifications

Circuit Layout	Mirror-image symmetrical circuit
Power Supply Transformer	10VA
Power Supply Capacitance	14,000 μ F
Single-ended inputs	1 pair (RCA)
Input Impedance - Adjustable	47, 100, 470, 1k, and 47k Ω
Input Capacitance - Adjustable	0, 100, and 470 pF
Single-ended output	1 pair (RCA)
Balanced output	1 pair (XLR)
Gain – Adjustable (for single-ended outputs)	40, 54, 60 and 66dB
Gain – Adjustable (for balanced outputs)	46, 60, 66 and 72dB
Input overload @ 40dB gain	58mV RMS
Input overload @ 54dB gain	11mV RMS
Input overload @ 60dB gain	6mV RMS
Input overload @ 66dB gain	3mV RMS
Signal-to-noise Ratio (full scale @ 40dB gain)	110dB
Signal-to-noise Ratio (full scale @ 66dB gain)	88dB
Maximum Output (1kHz @ 10K Ω)	6.0 Volts
Frequency Response – RIAA & IEC Curve	20Hz - 20kHz ($\pm$ 0.5dB)
IEC Curve Effect	-7dB @ 10Hz
Crosstalk @ 1kHz	-100dB
Intermodulation Distortion	< 0.009%
THD (20Hz - 20kHz)	< 0.001%
Power Consumption	6 Watts
AC Power Requirements	120V or 240V, 60Hz or 50Hz
Shipping Weight	7 lbs / 3 Kgs
Dimensions (W x H x D, inches)	8 x 3.25 x 11

Balanced Input Pin Assignment:

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



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).