

## MOON P5.3 SE Differential Preamplicifier Specifications

Type	Solid State
Configuration	Dual Mono
Design	Open Loop / Balanced Differential
Single-ended inputs (RCA)	4 pairs
Balanced Inputs (XLR)	1 pair
Input Device Types	J-FET
Input Impedance	22,000 $\Omega$
Input Sensitivity	200mV - 4.0V RMS
Balanced Outputs (XLR)	1 Pair
Single-Ended Outputs (RCA)	2 Pairs (fixed & variable)
Output Impedance - XLR / RCA	100 $\Omega$ / 50 $\Omega$
Gain Control	M-eVOL
Gain	9dB
Signal-to-noise Ratio	109dB @ full output
Maximum Output Voltage - XLR / RCA	12 Volts / 6 Volts
Frequency Response	5Hz - 100kHz (+0 / -0.1dB)
Crosstalk @ 1kHz	< -110dB
IMD	unmeasurable
THD (20Hz - 20kHz)	< 0.002%
<b>12 Volt Trigger Output Operation</b>	Direct Logic (0V = off, 12V=on) using a 3.5mm mono microphone jack with a 1000 $\Omega$ input impedance of and current requirement of 12mA.
<b>IR input</b>	1/8" mini-jack
<b>Available Faceplate Finishes</b>	Black and Silver
<b>Remote Control</b>	All-Aluminum Full Function
<b>AC Power Requirements</b>	120V / 60Hz 240V / 50Hz
<b>Power Consumption idle</b>	6 watts
<b>Fuse Replacement - 120V</b>	0.2A slow blow
<b>Fuse Replacement - 230V</b>	0.1A slow blow
<b>Shipping Weight</b>	25 lbs / 11 kgs
<b>Dimensions (W x H x D)</b>	17.0 x 3.9 x 15.3 in. (43.2 x 10.0 x 38.8 cm.)

# MOON P5.3 SE Differential Preamplifier Specifications cont'd

## Optional Phono Section:

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

Features & specifications are subject to change without notice.