Evolution Series

610LP

Phono Preamplifier

Dual-mono Balanced Design

Featuring a dual-mono, fully balanced differential circuit layout, the **MOON 610LP** is a purist design heavily based on the reference grade 810LP. Since one of our strengths is "Research & Development", we have the ability to create a reference grade product and then offer a more accessible model which encapsulates most of the technology and performance of the reference.

The **610LP** combines customized parts in an ultra-refined audio circuit which is fed by a unique power supply. Located within the main chassis, this oversized power supply is housed in a satin coated, 14-gauge steel isolated enclosure which eliminates all traces of AC artifacts. Also within this enclosure is a high quality toroidal transformer, a 'pi-type' filter to reduce AC transmission noise and multiple stages of voltage regulation. These factors result in a power supply that exceeds the performance of a battery supply with respect to both audio signal-to-noise ratio and voltage regulation.

A highly configurable phono preamplifier, the **MOON 610LP** offers selectable gain, 2 equalization curves, impedance and capacitance loading; all accomplished using DIP switches found on the bottom panel. These switches are located directly in line with the circuit at optimal locations to yield the shortest possible signal path. These adjustments, in conjunction with an excellent overload margin, allow the **610LP** to work with virtually any available phono cartridge.

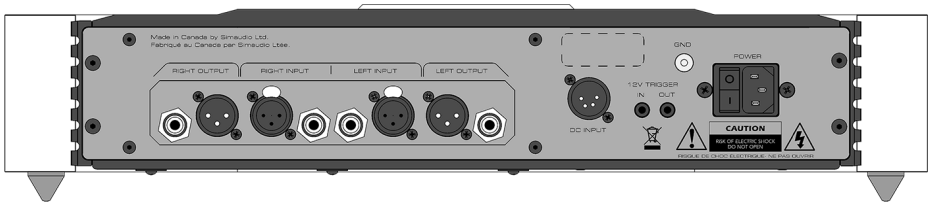
Significant Design Features:

- Power supply voltage regulation includes **i²DCf** (Independent Inductive DC Filtering); 1 inductor for each and every IC in the audio circuit's signal path – 24 stages in all.
- 64 impedance loading settings from 12.1Ω to 47kΩ.
- 16 capacitance loading settings from 0pF to 1120pF.
- 16 gain level settings from 40dB to 70dB.
- Selectable equalization curves for RIAA and IEC standards.
- Optional **820S** external power supply.
- Customized parts include metallized polypropylene film capacitors with very tight tolerances of 1%.

Specifications:

S/N Ratio (full scale @40dB gain)	112dBr
S/N Ratio (full scale @70dB gain)	93dBr
IEC Curve Effect	-7dB @ 10Hz
Frequency response	20Hz - 20kHz ±0.1dB
Crosstalk @ 1kHz	-106dB
Output impedance	50Ω
THD (20Hz-20kHz)	< 0.001%
Intermodulation distortion	< 0.002%

	XLR / RCA
Input overload @40dB gain	200 / 100V RMS
Input overload @70dB gain	5 / 2.5mV RMS
Maximum Output (1kHz @ 10KΩ)	20 / 10 Volts
Shipping weight	40 lbs / 18 Kgs
Dimensions (width x height x depth)	18.75 x 4.0 x 16.8 in.
	47.6 x 10.2 x 42.7 cm.



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Available Finishes

Black Silver 2-Tone