

810LP

Phono Preamplifier



M O O N
by SIMAUDIO



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Adual-mono fully balanced differential design, the MOON 810LP is an “all out assault” on phono preamplification. This is the result of a unique combination of customized parts in an ultra-refined audio circuit, mounted on a gel-based floating suspension and fed by a unique power supply. Its highly configurable nature - selectable gain (40 to 70dB), impedance loading (12.1 to 47kΩ), capacitance loading (0 to 1120pF) and equalization curves (RIAA & IEC) - is accomplished using DIP switches located on the bottom panel.

- 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.
- The dedicated audio circuit board is mounted on a 5-point gel-based floating suspension, derived from our M-Octave technology, originally developed for our reference 850P Preamplifier.
- Fully compatible with 820S external power supply.
- Customized parts include metallized polypropylene film capacitors with very tight tolerances of 1%.
- Four-layer PCB tracings with dedicated ground and power planes using pure copper for low impedance characteristics.

Specifications

THD @ (20Hz - 20kHz)	0.0008 %	Output impedance	50Ω
Intermodulation distortion	0.001 %	Inputs (XLR/RCA)	1 pair/1 pair
Frequency response	20Hz-20kHz ±0.1 dB	Crosstalk @ 1kHz	-106 dB
Input overload @ 40 dB gain (XLR/RCA)	200mV RMS/ 100mV RMS	IEC Curve Effect	-7 dB @ 10Hz
Input overload @ 70 dB gain (XLR/RCA)	5mV RMS/ 2.5mV RMS	S/N Ratio (full scale @ 40 dB gain)	115 dB
Shipping weight	40lb/18kg	S/N Ratio (full scale @ 70 dB gain)	95 dB
Dimensions (width x height x depth)	18.75 x 4.0 x 16.8 in 47.6 x 10.2 x 42.7 cm		

Available Finishes

