

310LP

Phono Preamplifier



MOON
by SIMAUDIO



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The finest mid-priced phono preamplifier just got even better. The MOON 310LP elevates the performance of its highly acclaimed predecessor to another level. Improving on already great performance is no easy task. When an audio component works so well, why change it? Thanks to various emerging technologies, several design enhancements became available, opening up a window of opportunity to (i) upgrade the sonics of the original 310LP and (ii) reduce the noise floor of its onboard power supply. Consequently, this diminishes the need for an external power supply.

- Large isolated power supply on a separate circuit board using a toroidal transformer with 2 stages of voltage regulation
- Single-ended RCA and Balanced XLR output connectors.
- Can be driven with a compatible external power supply.
- Power supply voltage regulation includes i2DCf (Independent Inductive DC Filtering); 1 inductor for each and every IC in the audio circuit's signal path – 2 stages in all.
- Power supply features custom MOON electrolytic capacitors.
- 4-Layer printed circuit boards with pure copper tracings for a much shorter signal path; This results in greater sonic accuracy and dramatically improved signal-to-noise ratio.
- A symmetrical circuit design with accurate matching of the very finest high quality electronic components.

Specifications

THD @ (20Hz - 20kHz)	0.001 %	Input overload @ 40dB gain	58mV RMS
Intermodulation distortion	0.009 %	Input overload @ 66dB gain	3.0mV RMS
Frequency response	20Hz-20kHz ±0.5 dB	Crosstalk @ 1kHz	-100dB
S/N Ratio (full scale @ 40dB gain)	110dB	Shipping weight	7.0lb/3.1 kg
S/N Ratio (full scale @ 66dB gain)	88 dB	Dimensions (width x height x depth)	7.0 x 3.0 x 11.0 in 17.8 x 7.6 x 28.0 cm

Available Finishes Black

