

MOON 310LP Phono Preamp



Also available with black faceplate

*Breathtaking analog reproduction
combined with astounding flexibility*

The **MOON 310LP** represents a significant step forward in phono preamplifier design. Like its predecessor, the highly acclaimed MOON LP5.3, particular attention has again been given to noise levels and dynamic range. The result is one of the quietest phono preamplifiers ever, on par and even superior to many models at significantly higher price points. Sonically, it portrays all the Simaudio hallmarks: clean, powerful, fast and extended bass combined with an open midrange and airy extended high frequencies.

A major strength of the **MOON 310LP** is its highly configurable nature. There are numerous end-user adjustments for resistance loading, capacitance loading and gain level. Going one step further, you can even choose from two different equalization curves - either the RIAA curve with a flat frequency response or the IEC curve which, although identical to the RIAA curve beyond 20Hz, acts like a subsonic filter by removing inaudible infrasonic bass below 20Hz.

Balanced outputs are a standard feature, allowing you to take full advantage of connectivity to a balanced preamplifier or integrated for a significant improvement in noise floor, dynamics and midrange transparency. Finally, the **310LP** is housed in a custom-made, rigid chassis with a 3/8" brushed and anodized front panel.

Significant Design Features:

- Large isolated power supply on a separate circuit with 2 stages of voltage regulation
- Adjustable impedance loading (10, 100, 470, 1K and 47k ohms)
- Adjustable capacitance loading (0, 100 and 470pF)
- Adjustable gain settings for MM cartridges (40dB) and MC cartridges (54, 60 and 66dB)
- Selectable equalization curves for both the RIAA and the IEC standards
- Optional **MOON 320S** external power supply upgrade
- Single-ended RCA and Balanced XLR outputs
- 4-Layer PCB's with pure copper tracings for a much shorter signal path; This results in greater sonic accuracy and a dramatically improved signal-to-noise ratio
- Power supply voltage regulation includes Evolution series **I²DCf** (Independent Inductive DC Filtering); There is one inductor dedicated to each integrated circuit type component (DAC, Op-Amp, etc.) in the audio circuit's signal path - 2 stages in all
- Extremely short signal path for a faster transient response
- Accurate matching of the finest high quality electronic components
- Designed to be powered up at all times for optimal performance.