

## MOON LP5.3 Phono Preamp



Also available with black faceplate

The **MOON LP5.3** represents a significant step forward in phono preamplifier design. Particular attention has been paid to noise levels and dynamic range, making the **LP5.3** 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. One of the strengths of the **MOON LP5.3** is its extensive flexibility with respect to end-user adjustments for resistance and capacitance loading as well as gain. The balanced outputs allows you to take full advantage of connectivity to a balanced preamplifier for a significant improvement in noise floor, dynamics and midrange transparency. Unlike most of the competition, which either uses mass-manufacturing techniques or a circuit mounted in a basic folded metal box, the **LP5.3** is housed in a custom-made, sturdy chassis with a 3/8" brushed and anodized front panel.

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### Significant Design Features:

- Large isolated power supply on a separate circuit with 2 stages of voltage regulation
- End-user adjustable impedance loading (10, 100, 470, 1K and 47k ohms)
- End-user adjustable capacitance loading (0, 100 and 470pF)
- End-user adjustable gain settings for moving magnet (40dB) and moving coil cartridges (54, 60 and 66dB)
- Selectable equalization curves for both the RIAA and the IEC standards
- Optional PSX5.3 external power supply upgrade
- Single-ended RCA and Balanced XLR outputs
- Four-layer PCB tracings with dedicated ground and power planes using pure copper for low impedance characteristics. The advantages include better circuit layouts resulting in a much shorter signal path and a vastly 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.