



The MOON 110LP simplifies high quality analog playback. Derived from technologies found in its big brother, the MOON 310LP, and intended as the next generation of the once hugely popular LP3, the 110LP represents another leap forward in affordable phono preamplifier design.

The easiest way to describe its sound in a single word would be dynamic. All of the MOON sonic characteristics are more present than before; fast, tight, extended bass response, a natural open midrange, and airy extended high frequencies. This is achieved through the combination of an improved power supply and an enhanced circuit layout. Another benefit is an increased input overload margin.

Convenience and flexibility are also key aspects to the 110LP's design; In a matter of just a few minutes you can easily configure both the resistance and capacitance loading for virtually any moving coil or moving magnet cartridge. As a result, replacing your cartridge will not render the MOON 110LP obsolete. Unlike most of the competition, which uses mass-manufacturing techniques or a circuit mounted in a basic folded metal box, the 110LP is housed in an ultra compact, rigid, all-aluminum chassis with a brushed and anodized front panel.

Significant Design Features

- ▲ Inductive DC Filtering for a significantly lower noise floor.
- ▲ End-user adjustable impedance loading (100 & 47k Ω).
- ▲ End-user adjustable capacitance loading (0 & 100pF).
- ▲ End-user adjustable gain settings for moving magnet (40dB) and moving coil cartridges (60dB).
- ▲ Accurate matching of military-grade components with ultra-tight tolerances using surface-mount technology for extremely short signal paths.
- ▲ Two-layer PCB tracings using pure copper for lower impedance characteristics. The advantages include better circuit layouts resulting in a much shorter signal path and a vastly improved signal-to-noise ratio.

Specifications

S/N Ratio (full scale @ 40dB gain)	104dB _r
S/N Ratio (full scale @ 60dB gain)	87dB _r
Frequency Response	20Hz - 20kHz \pm 0.5dB
Crosstalk @ 1kHz	-97dB
Output impedance	50 Ω
THD (20Hz - 20kHz)	0.001%
Intermodulation distortion	0.009%
Input overload @ 40dB gain	45mV RMS @ 1kHz
Input overload @ 60dB gain	4.5mV RMS @ 1kHz
Shipping weight	2.5 lbs. / 1.1 Kgs
Dimensions (width x height x depth)	5.0 x 2.9 x 6.5 in. 12.7 x 7.4 x 16.5 cm.

Available Finishes



Rear Panel

