

MOON EVOLUTION SERIES 740P Dual-Mono Preamplifier



Also available with black faceplate

The Evolution of preamplification ...

The **MOON 740P** preamplifier is a dual-mono fully balanced differential design, following in the footsteps of the MOON 850P reference. This "next generation" Evolution series preamp uses various recently in-house developed technologies that help create a level of performance that can be best described as astounding.

Intended for those seeking high-performance in an elegant, stylish yet uncomplicated package, the **MOON 740P** leaves your music uncolored and free of any grain and noise; The purity of the signal remains uncompromised, allowing the music to be heard as was intended from day it was recorded.

Further raising the bar, as is the case with all Evolution series models, the **740P** can be fully integrated into a custom-install environment via an RS-232 port. As well, a plethora of user selectable cosmetic options are available at the time of purchase.

The MOON 740P replaces the MOON P-7

Significant Design Features:

- Full unsolicited RS-232 bidirectional feedback
- A dual-mono oversized power supply using 2 toroidal transformers in conjunction with 5 stages of DC voltage regulation and extensive choke filtering
- 4 stages of our newly developed **M-LoVo** (MOON low voltage) DC regulation circuit; a highly sophisticated circuit made up of a clever combination of IC's and discrete parts that is virtually free of noise, yielding an exceptionally fast, precise, and stable DC voltage. The result is a power supply with a virtually unmeasurable noise floor
- **SimLink** controller port for 2-way communications with other compatible MOON components
- **M-eVOL2** volume control circuit using MDAC's (operating in a current steering R-2R configuration) which alter the audio signal's amplitude yielding no sonic degradation of the signal, regardless of the selected volume setting
- 530 individual volume steps in 1dB and 0.1dB increments
- **M-Lock** for "user selectable" maximum volume setting lock-out for each line input
- Power supply voltage regulation includes **i²DCf** (Independant 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 - 24 stages in all
- "Gain offset" for each individual line input with a ± 10 dB range
- Each line input is fully configurable to be "home-theater ready", where the gain section of the 740P is bypassed
- **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
- 12 Volt trigger outputs for remote operation
- Ultra rigid chassis construction to minimize the effects of external vibrations
- Accurate matching of the very finest quality electronic components in a symmetrical circuit design
- Improved reliability through the elimination of moving parts.
- Includes **FRM-3** all-aluminum back-lit remote control.