

740P

Preamplifier

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The 740P is a dual-mono fully balanced differential design, following in the footsteps of the reference 850P preamplifier. This “next generation” Evolution series preamplifier 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 740P leaves your music uncolored and free of any grain or noise; The purity of the signal remains uncompromised, allowing the music to be heard as was intended from day it was recorded. New technologies include the **M-eVOL2** volume control, with a phenomenal 530 steps, allowing for an extremely precise level adjustment.

Of course, key features you’d expect in a MOON Evolution Series products are present such as **SimLink™**, a 12V trigger output and **M-Lock**, just to name a few, as well as both RS-232 and IR ports for custom-install environments. Finally, a plethora of user selectable cosmetic options are available at the time of purchase.

Significant Design Features

- ▲ Power supply voltage regulation includes **i²DCf** (Independent Inductive DC Filtering); 1 inductor for each and every IC in the audio circuit’s signal path – 24 stages in all.
- ▲ 4 stages of our **M-LoVo** (MOON Low Voltage DC regulation); a highly sophisticated circuit virtually free of noise, yielding exceptionally fast, precise, and very stable DC voltage.
- ▲ Gain offset adjustment of ± 10 dB for each line input.
- ▲ Fully compatible with **820S** external power supply.
- ▲ Each line input is fully configurable to be “home theater ready”, whereby the 740P’s volume control is bypassed.

Specifications

Number of inputs - XLR / RCA	2 pairs / 3 pairs
Input Sensitivity	200mV - 4.0V RMS
Input Impedance	22,000 Ω
Gain	9dB
Number of Output - XLR / RCA	1 pair / 2 pairs (fixed + variable)
Signal-to-noise Ratio (20Hz-20kHz)	120dB @ full output
Frequency response (full range)	5Hz - 100kHz ± 0.1 dB
Crosstalk @ 1kHz	-116dB
Output impedance	50 Ω
THD (20Hz - 20kHz)	0.001%
Intermodulation distortion	0.0003%
Shipping weight	35 lbs / 16 Kgs
Dimensions (width x height x depth)	18.75 x 4.0 x 16.5 in. 47.6 x 10.2 x 41.9 cm.

Available Finishes



Rear Panel

