



The MOON 600i is designed to continue where the legendary and award winning MOON i-7 left off. Intended to meet the needs of the most demanding music connoisseurs, it is a fully differential dual-mono design, offering authority, finesse and superb control. Using a variety of new technologies developed since the introduction of the Evolution Series, the 600i provides more sonic transparency and accuracy than ever before.

New technologies include (i) the **M-eVOL2** volume control, with a phenomenal 530 steps, allowing for an extremely precise level adjustment just like the 850P Preamplifier; (ii) **MOON output transistors**, specifically designed for use in our amplifiers, provide tighter and more visceral bass performance, as well as unprecedented linearity throughout the entire frequency spectrum; (iii) An input stage circuit which reduces noise, preserving image focus and integrity like never before. Although rated at "only" 125W per channel, the MOON 600i embodies both authority and finesse at all levels that suggests a much more powerful amplifier, just like all MOON products before it.

Of course, key features you'd expect in a MOON Evolution Series product are present such as our "no overall feedback" amplification circuitry, **SimLink™**, a 12V trigger output and **M-Lock**, just to name a few, as well as 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

- Our "no overall feedback" amplifier circuit design which results in the following: Real-time amplification; More accurate musical reproduction with respect to tonality; Non-existent transient intermodulation distortion; The elimination of common phase errors resulting from feedback.
- An oversized dual-mono power supply.
- "Class A" power output to 5 watts for greater efficiency.
- Gain offset adjustment of $\pm 10\text{dB}$ for each line input.
- Each line input is fully configurable to be "home theater ready", whereby the 600i's volume control is bypassed.

Specifications

Output Power at 8 Ω	125 Watts per channel
Output Power at 4 Ω	250 Watts per channel
Input Sensitivity	490mV - 6.0V RMS
Input Impedance	23,700 Ω
Inputs (RCA / XLR)	4 pairs / 1 pair
Gain	37dB
Frequency response (full range)	10Hz - 100kHz +0/-0.1dB
Crosstalk @ 1kHz	-100dB
THD (20Hz - 20kHz @ 1 watt)	0.015%
THD (20Hz - 20kHz @ 125 watts)	0.04%
Intermodulation distortion	0.02%
Shipping weight	48 lbs / 21 Kgs
Dimensions (width x height x depth)	18.75 x 4.0 x 18.1 in. 47.6 x 10.2 x 46.0 cm.

Available Finishes



Rear Panel

