

## MOON EVOLUTION SERIES 600i Dual-Mono Integrated Amplifier



Also available with silver faceplate

### *Redefining the Integrated Amplifier !*

The **MOON 600i** Integrated Amplifier 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 fully differential dual-mono design, rated at 125 watts/channel into 8 ohms, offering authority, finesse and superb control. Using a variety of new technologies developed since the introduction of the Evolution Series, the **MOON 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 MOON P-8 Preamplifier; (ii) New 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 600i embodies both authority and finesse at all levels that suggests a much more powerful amplifier, just like all MOON products before it.

### *Rock-solid reliability, extreme flexibility and a luxurious lifestyle.*

Of course, key features you'd expect in a MOON Evolution Series products are present such as our own "no overall feedback" amplification circuitry, SimLink 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:

- RS-232 port for (i) full unsolicited bidirectional feedback and (ii) firmware updates
- IR input for external control
- Our "No overall feedback" design resulting in genuine real-time amplification, more accurate musical reproduction with respect to tonality, virtually non-existent intermodulation distortion and the elimination of common phase errors resulting from feedback
- Custom proprietary toroidal transformer design with lower magnetic, electrical and thermal loss, yielding an improved power transfer and lower regulation factor. The result is increased current speed and better dynamics
- An oversized dual-mono power supply
- **SimLink** controller port allows for 2-way communications between other compatible MOON Evolution Series 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
- Proprietary MOON Bipolar output transistors with unprecedented gain linearity resulting in improved bass response and even more accurate sonic reproduction
- **M-Lock** for "user selectable" maximum volume setting lock-out for each line input
- "Gain offset" for each individual line input with a  $\pm 10$ dB range
- Each line input is fully configurable to be "home-theater ready", where the gain section of the 600i is bypassed
- 530 individual volume steps in 1dB and 0.1dB increments
- An exceptionally short signal path , yielding a much faster transient response
- 12 Volt trigger output for remote operation
- "Class A" output to 5 watts for greater efficiency
- Four-layer PCB tracings for a dramatically improved signal-to-noise ratio
- 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
- Low operating temperature for a longer than normal life expectancy.