

MOON EVOLUTION SERIES 700i Dual-Mono Integrated Amplifier



Also available with black faceplate

Setting a new standard for Integrated Amplifiers !

The **MOON 700i** is the ultimate Integrated Amplifier. Intended to meet the needs of the most demanding music connoisseurs, it is fully differential dual-mono design, rated at 175 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 700i** provides more sonic transparency and accuracy than previously thought possible. In addition, this integrated it is extremely flexible and exemplifies a luxurious lifestyle.

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.

*There is a warmth and naturalness to the soundstage
that must be heard to be believed.*

Of course, key features you'd expect in a MOON Evolution Series products are present such as our revolutionary Lynx 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
- **Lynx** circuitry which is a "no overall feedback" design resulting in genuine real-time amplification, a 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
- The preamplifier section is mounted on its own dedicated circuit board resulting in lower crosstalk
- **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 $\pm 10\text{dB}$ range
- Each line input is fully configurable to be "home-theater ready", where the gain section of the 700i 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.