

MOON EVOLUTION SERIES i-7 Dual-Mono Integrated Amplifier



Also available with black faceplate

The **MOON i-7** integrated amplifier is a dual-mono fully balanced differential design, representing the next generation of **MOON** high-performance audio components. Using our new proprietary "**Lynx**" amplification circuit, the **i-7** produces a high-current rock-solid 150 watts per channel into 8 ohms with absolutely no sonic colorations. A genuine non-compromising solution for those who don't require separate component systems, this integrated provides for astounding ease-of-use as a result of a variety of programmable features. Further raising the bar, the **MOON i-7** 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.

Significant Design Features:

- Full unsolicited RS-232 bidirectional feedback
- **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
- **SimLink** controller port allows for 2-way communications between other compatible MOON Evolution Series components
- **M-eVOL** volume control circuit based on a resistive array configuration with no sonic degradation of the audio signal regardless of the selected volume setting
- **M-Lock** for "user selectable" maximum volume setting lock-out for each line input
- Individual "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 i-7 is bypassed
- 130 individual volume steps in 1dB and 0.5dB 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; Layers 1 and 3 for the audio signals, layer 2 for the ground plane and the bottom layer for power supplies. The advantages include better ground and power supply circuit layouts resulting in a much shorter signal path and 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 reliabilty through the elimination of moving parts
- Low operating temperature for a longer than normal life expectancy.