

## MOON EVOLUTION SERIES 880M Reference Mono Power Amplifier



Also available with black faceplate

### *The most powerful Evolution series Amplifier yet !*

The **MOON 880M** Power Amplifier is a fully balanced differential mono design that effortlessly outputs 800 watts into 8 ohms and 1600 watts into 4 ohms. Transparency and soundstage are as good as it gets, despite this amplifier's astonishingly high power rating. Ultimately, the **880M** will mate seamlessly with any loudspeaker allowing it to reach its full sonic potential, regardless of its load.

Several recent in-house developed advancements allows the **MOON 880M** to perform with the accuracy and grain-free character of our lower powered amplifiers; These include (i) **MOON output transistors**, specifically designed for use in our amplifiers, providing tighter and more visceral bass performance, as well as unprecedented linearity throughout the entire frequency spectrum; and (ii) our advanced "zero global feedback" circuit, commonly referred to as **Lynx**.

Of course, both RS-232 and 12 Volt triggers for custom-install for environments are included as well as a plethora of user selectable cosmetic options that are available at the time of purchase.

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## 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
- Precision matched and fully decoupled proprietary **MOON Bipolar output transistors** with unprecedented gain linearity resulting in improved bass response and even more accurate sonic reproduction
- 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
- A massive **oversized power supply**
- 12 Volt trigger input/output for remote operation
- "Class A" output to 10 watts for greater efficiency
- A **high damping factor** yielding superior musical dynamics, improved signal speed and refined timbre accuracy
- A very short capacitor-free signal path for a faster transient response
- Stable to any known speaker impedance
- **4-Layer PCB's with pure copper tracings** for a much shorter signal path; This results in greater sonic accuracy and 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
- Designed to be powered up at all times for optimal performance
- Low operating temperature for a longer than normal life expectancy.