

# MOON EVOLUTION SERIES W-7M Mono Power Amplifier



Also available with black faceplate

The **MOON W-7M** Power Amplifier is a Mono fully balanced differential design, representing the next generation of **MOON** high-performance audio components. Producing 500 watts of uncolored high-current output power into 8 ohms and 1000 watts into 4 ohms, the **W-7M** will drive virtually any loudspeaker to its maximum capabilities with incredible ease. This achievement is due, in part, to our new proprietary "**Lynx**" amplification circuit. Further raising the bar, the **MOON W-7M** can be fully integrated into a custom-install environment via an RS-232 port and 12V trigger. As well, a plethora of user selectable cosmetic options 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
- 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 power supply
- 12 Volt trigger input/output for remote operation
- "Class A" output to 10 watts for greater efficiency
- Precision matched and fully decoupled Bipolar output devices which offer superb linearity throughout the entire audio frequency spectrum
- 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
- 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
- Stable to any known speaker impedance
- 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.