



M O O N

Power

Emotion

Soul



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Simaudio Ltd. proudly introduces the MOON 400M differential mono power amplifier, our latest addition to the MOON Series of audio components. Capable of effortlessly producing 400 watts into 8Ω and 650 Watts into 4Ω, the 400M uses our highly acclaimed Advanced Renaissance amplifier circuit – a zero global feedback, DC-coupled design. The result is an amplifier that produces tight, deep and powerful bass with lightning fast speed; True high-performance in an uncompromising compact package.

For any loudspeaker ...

For any listening environment

Possessing a high damping factor, an incredibly low noise floor, excellent dynamic range and a transparent lifelike soundstage, the MOON 400M will effortlessly drive any loudspeaker. Even difficult loads will not impede its ability to remain exceedingly musical and accurate. Our own unique heat-sink geometry allows for ultra-effective and efficient cooling. The amplifier's oversized power supply contains a large proprietary toroidal transformer and substantial energy storage. Finally, with both balanced (XLR) and single-ended (RCA) inputs, the MOON 400M represents the ultimate choice for performance and affordability.

MOON 400M Significant Design Features:

- 12 Volt Trigger input and output
- 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
- An oversized power supply
- 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
- Fully balanced differential circuitry
- Class A output to 10 watts for greater efficiency
- Proprietary MOON Bipolar output transistors with unprecedented gain linearity resulting in improved bass response and even more accurate sonic reproduction
- A high damping factor yielding superior musical dynamics, improved signal speed and refined timbre accuracy
- RS-232 port for i) full unsolicited bidirectional feedback in custom installation setups and ii) firmware updates
- Extremely rigid chassis construction to minimize the effects of external vibrations
- Accurate matching of the very finest high quality electronic components in a symmetrical circuit design
- Low operating temperature to ensure a longer than normal life expectancy.

The MOON 400M with an MSRP of \$6,500.00 per pair

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CONTACT: Lionel Goodfield, VP Marketing (514) 592-4204 lionel@simaudio.com
Costa Koulisakis, VP Sales (877) 980-2400 costa@simaudio.com

Simaudio Ltd. has been designing and manufacturing innovative, leading-edge audio and video products since 1980. MOON products have been globally recognized for their world-class performance, garnering numerous accolades for this outstanding achievement. Our products are engineered and built in Canada, utilizing advanced, efficient, "green" assembly techniques with strict quality control. Furthermore, our manufacturing processes are part of our philosophy, whereas the high quality and long-life of MOON products are the best way to preserve our environment, avoiding premature obsolescence. MOON products meet or exceed all international requirements for safety, performance and durability. At Simaudio, great music matters. However, great music for a lifetime matters most.

30 Years of Excellence

www.simaudio.com

Simaudio Ltd., 95 Chemin du Tremblay, Unit 3,
Boucherville, Quebec, J4B 7K4 Canada

Simaudio USA, 2002 Ridge Road,
Champlain, NY 12919 USA