

## MOON EVOLUTION SERIES Simaudio MOON MC-8 Multi-Channel Amplifier

*An Amplifier to end all Multi-Channel Amplifiers*

*The State-of-the-art ... Redefined !*

Available in configurations from 2 to 7 channels, the **MOON MC-8** was designed with one overwhelming goal in mind: uncompromising reproduction of both the massive dynamics and awe inspiring sonics that accompany today's uncompressed multi-channel audio recordings (Blu-Ray). To accomplish this feat and the numerous engineering challenges that go with it, a whole new approach to the design of multi-channel amplification was required.



Also available with black faceplate

Relying on many technologies found in our highly-acclaimed Evolution Series power amplifiers, numerous physical and electrical constraints had to be overcome to create a multi-channel amplifier where all 7 channels would be capable of identically staggering performance. The result is the **MC-8** which can produce a maximum continuous power output of 250 watts per channel into 8 ohms, 500 watts per channel into 4 ohms and 1000 watts per channel into 2 ohms, generating a mind-numbing ultra-high-current output signal of 280 amperes spread across 7 channels.

The **MC-8** leaps beyond anything else available, even our own MOON Titan. A quick listen will reveal a level of sound purity, sheer power and limitless dynamics that no other multi-channel power amplifier has ever been able to attain, let alone hint at. The **MOON MC-8** is a genuine masterpiece, a technological tour-de-force, and a colossal achievement that has no equal.

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## Significant Design Features:

- An enormous power supply featuring a proprietary toroidal transformer design that allows for astonishing dynamics from Blu-Ray soundtracks
  - The world's first and only multi-channel amplifier capable of simultaneously handling 7 channels of uncompressed audio without any dynamic compression
  - Class "A" output to 5 watts for greater efficiency and refined sonics at typical listening levels
  - Balanced differential circuitry
  - Extremely fast circuitry for real-time amplification
  - Modular circuit design using plug-in cards for the addition/removal of channels "in the field"
  - Virtually non-existent intermodulation distortion
  - Precision-matched high-current output devices which provide for unlimited current into any known speaker load, as well as superb linearity throughout the entire audio frequency spectrum
  - A very high damping factor yielding extremely tight, accurate and fast reproduction of bass notes.
  - Ultra rigid chassis construction to minimize the effects of external vibrations
  - Accurate matching of the highest quality electronic components
  - RS-232 port for full custom external control
  - 12 Volt trigger for remote operation
  - Very short signal path for a faster transient response
  - Requires a 220-240V AC power outlet
  - Pure copper circuit board tracings with extremely low impedance characteristics
  - Designed to remain powered up at all times for optimal performance
  - Low operating temperature for an exceptionally long life.
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