

Evolution Series

760A Power Amplifier Dual-mono Balanced Design



The **760A** is the first amplifier to be housed in the slim Evolution series chassis, making it unusually compact, yet very heavy. A dual-mono, class A/B design with balanced differential circuitry, it exhibits all the sonic hallmarks which MOON products are globally known for: an airy, detailed and open top end, transparent and 3-dimensional in the midrange, robust, powerful and authoritative in the bass. In a nutshell, the **760A** will amplify music with all the harmonic accuracy, richness and dimensionality of a live musical performance.

A DC-coupled amplifier with our own “zero global feedback” circuit, the **760A** has both balanced (XLR) and single-ended (RCA) inputs, but will sound best when driven via its XLR inputs. The heatsinks are crafted from custom made aircraft-grade aluminum extrusions and covered with our thermally transparent paint which will not fade or discolor over time.

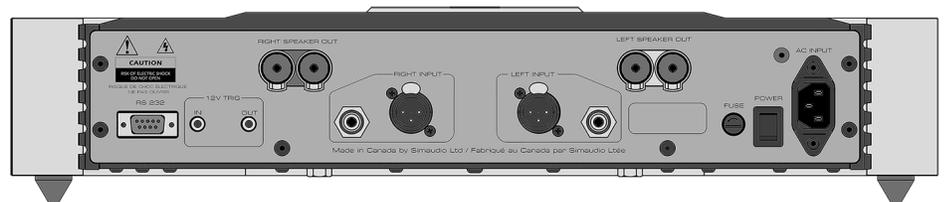
This amplifier was created as a result of “market driven” demand; the **760A** closes the large pricing gap between the Nêo and Evolution series for a single-chassis 2-channel amplifier. It is the perfect entry into the Evolution range of MOON products, and when mated with the MOON 740P Preamplifier, becomes a formidable, ultra-high performance amplification package for its price.

Significant Design Features:

- ▲ Our “no overall feedback” amplifier design resulting in real-time amplification, a more accurate musical reproduction with respect to tonality, virtually non-existent transient intermodulation distortion and the elimination of common phase errors resulting from feedback.
- ▲ Precision matched proprietary MOON Bipolar output transistors for improved bass response and accurate sonic reproduction.
- ▲ An oversized power supply using a custom proprietary toroidal transformer design.
- ▲ Full unsolicited RS-232 bidirectional feedback and 12 Volt trigger input/output for remote operation.
- ▲ Self-diagnostic system that detects both over-heating and the presence of DC in the input signal.

Specifications:

Output Power at 8Ω / 4Ω	130W/ch / 260W/ch
Output Power - Bridged Mono	500 Watts
Input Sensitivity	900mV RMS
Input Impedance	47500Ω
Maximum current output	32 amperes
Signal-to-noise Ratio	104dB @ full power
Frequency response (full range)	10Hz - 200kHz (+0/-3dB)
THD (20Hz - 20kHz @ 130 watts).....	< 0.04%
Intermodulation distortion	Unmeasurable
Shipping weight	45 lbs / 20 Kgs
Dimensions (width x height x depth)	18.75 x 4.0 x 18.1 in. 476 x 10.2 x 46.0 cm.



Available Finishes



Black



Silver



2-Tone



M O O N

MUSICAL ECSTASY

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