

# 760A

## Power Amplifier



M O O N  
by SIMAUDIO



Available Finishes ☐ Black ☒ 2-Tone ☐ Silver

[simaudio.com](http://simaudio.com)

Available finishes are dependant on location

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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.

- Our “no overall feedback” amplifier circuit design which results in the following: real-time amplification; more accurate musical reproduction with respect to tonality; non-existent transient intermodulation distortion; the elimination of common phase errors resulting from feedback.
- An oversized dual-mono power supply using a custom proprietary toroidal transformer design.
- “Class A” power output to 5 watts for greater efficiency.
- 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 4Ω	260W per channel	Gain	31 dB
Output Power at 8Ω	130W per channel	THD (20Hz - 20kHz @ 1W)	0.015%
Output Power - Bridged mono at 8Ω	500W	THD (20Hz - 20kHz @ 130W)	0.04%
Input Sensitivity	900mV RMS	Intermodulation distortion	0.01 %
Input Impedance	47,500Ω	Crosstalk @ 1kHz	-102dB
Signal-to-noise Ratio	104dB @ full power	Frequency response (full range)	10Hz - 200kHz +0/-3dB
Shipping weight	45lb/20kg	Dimensions (width x height x depth)	18.75 x 4.0 x 18.1 in 47.6 x 10.2 x 46.0 cm

