



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. Also present are **MOON output transistors**, specifically designed for use in our amplifiers that provide tighter and more visceral bass performance, as well as unprecedented linearity throughout the entire frequency spectrum. 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 Néo 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 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

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| Output Power at 8Ω | 130 Watts per channel |
| Output Power at 4Ω | 260 Watts per channel |
| Output Power - Bridged Mono at 8Ω | 500 Watts |
| Input Sensitivity | 900mV RMS |
| Input Impedance | 47,500Ω |
| Gain | 31dB |
| Signal-to-noise Ratio | 104dB @ full power |
| Frequency response (full range) | 10Hz - 200kHz +0/-3.0dB |
| Crosstalk @ 1kHz | -102dB |
| THD (20Hz - 20kHz @ 1 watt) | 0.015% |
| THD (20Hz - 20kHz @ 130 watts) | 0.04% |
| Intermodulation distortion | 0.01% |
| Shipping weight | 45 lbs / 20 Kgs |
| Dimensions (width x height x depth) | 18.75 x 4.0 x 18.1 in. 47.6 x 10.2 x 46.0 cm. |

Available Finishes



Rear Panel

