

# Evolution Series

# 600i

## Integrated Amplifier

### Dual-mono Balanced Design



The **MOON 600i** is designed to continue where the legendary and award winning MOON i-7 left off. Intended to meet the needs of the most demanding music connoisseurs, it is a fully differential dual-mono design, offering authority, finesse and superb control. Using a variety of new technologies developed since the introduction of the Evolution Series, the **600i** provides more sonic transparency and accuracy than ever before.

New technologies include (i) the M-eVOL2 volume control, with a phenomenal 530 steps, allowing for an extremely precise level adjustment just like the 850P Preamplifier; (ii) MOON output transistors, specifically designed for use in our amplifiers, provide tighter and more visceral bass performance, as well as unprecedented linearity throughout the entire frequency spectrum; (iii) An input stage circuit which reduces noise, preserving image focus and integrity like never before. Although rated at “only” 125W per channel, the **MOON 600i** embodies both authority and finesse at all levels that suggests a much more powerful amplifier, just like all MOON products before it.

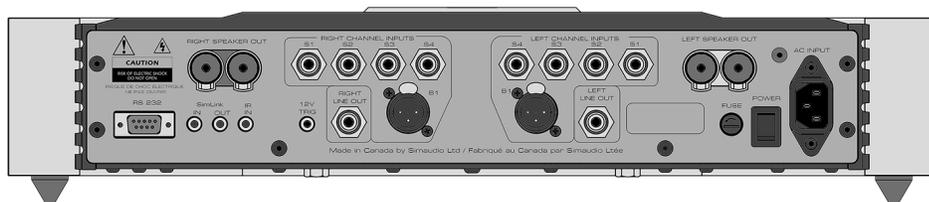
Of course, key features you'd expect in a MOON Evolution Series products are present such as our “no overall feedback” amplification circuitry, SimLink™, a 12V trigger output and M-Lock, just to name a few, as well as RS-232 and IR ports for custom-install environments. Finally, a plethora of user selectable cosmetic options are available at the time of purchase.

### Significant Design Features:

- ▲ Our “no overall feedback” amplifier circuit design which results in: 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.
- ▲ “Class A” power output to 5 watts for greater efficiency.
- ▲ Gain offset adjustment of  $\pm 10$ dB for each line input.
- ▲ Each line input is fully configurable to be “home theater ready”, whereby the 600i’s volume control is bypassed.

### Specifications:

Output Power at 8Ω .....	125 Watts per channel
Output Power at 4Ω .....	250 Watts per channel
Input Sensitivity .....	490mV - 6.0V RMS
Inputs (RCA / XLR) .....	4 Pairs / 1 Pair
Damping Factor .....	> 267
Gain .....	37dB
Maximum current output .....	30 amperes
Frequency response (full range) .....	10Hz - 100kHz +0/-0.1dB
Crosstalk @ 1kHz.....	-100dB
THD (20Hz - 20kHz @ 1 watt).....	< 0.015%
THD (20Hz - 20kHz @ 125 watts).....	< 0.04%
Intermodulation distortion .....	Unmeasurable
Shipping weight.....	48 lbs / 21 Kgs
Dimensions (width x height x depth) .....	18.75 x 4.0 x 18.1 in. 476 x 10.2 x 46.0 cm.




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### Available Finishes



Black



Silver



2-Tone

