



# Statement

## *Stereo Amplifier*

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The Constellation Statement Stereo Amplifier marks a breathtaking evolution, joining state-of-the-art design with the legendary musicality for which Constellation is known.



# Statement *Stereo Amplifier*



## Truly Effortless Power

The Constellation Statement Stereo Amplifier delivers 850 watts per channel into 8 ohms, 1,600 watts per channel into 4 ohms, and 3,200 watts per channel into 8 ohms when the amplifier is bridged, with output determined by available AC power, not by the amplifier. Achieving these impressive results is possible only with the Constellation Switch-Mode Power Supply (C-SMPS) and Power Factor Correction (PFC) that provide the amplifier's 96 output transistors (48 per channel) with a stable, quiet supply of DC power, no matter where in the world the amplifier is used.

## The Power Supply

PFC provides perfectly stable, 380-volt power at any AC voltage standard, with the voltage and current always in phase and automatically optimized, no matter what the speaker load. Thanks to ultra-quiet C-SMPS technology, power-supply noise is reduced more than 20 dB.

## Right From the Start

Getting the input stage of an amplifier right is absolutely critical because it affects everything that comes after it. The Statement Stereo Amplifier is engineered with a fully balanced, mirror-imaged input stage with paralleled amplification modules for 5 dB lower noise—fed by a three-stage, fully regulated power supply that further reduces noise.

## The Summit of Stereo

The Statement Stereo Amplifier is the finest stereo amplifier ever created by Constellation. Audiophiles will be equally as delighted by its design. Dramatically illuminated front power meters provide instantaneous visual confirmation of the amplifier's operation, while a titanium top grid allows rapid, effective heat dissipation.

Constellation has always envisioned creating a stereo amplifier that combines not only the best analog audio circuits, but also the latest technologies that eliminate the idiosyncrasies of traditional amplifiers. The Statement Stereo is that amplifier—a component that always delivers more than you thought possible, no matter how your system and your tastes evolve in the future.

## Specifications

**Inputs:** 2 XLR

**Outputs:** Metal binding posts

**Power output @ 8  $\Omega$  (1kHz 0.2% THD):** 850 WPC

**Power output @ 4  $\Omega$  (1kHz 0.2% THD):** 1,600 WPC\*

**Power output @ 2  $\Omega$  (1kHz 0.2% THD):** 2,800 WPC\*

**Power output @ 8  $\Omega$ ; two channels bridged:** 3,200 WPC\*

**Power output @ 4  $\Omega$ ; two channels bridged:** 5,600 WPC\*

**Frequency response:** 0.5 Hz–100 kHz, +0/-0.1 dB

**THD+N (1 kHz @ 90% of rated power):** <0.05%, 10 Hz–20 kHz

**Gain:** 4.5 V/24.4 dB, 9 V/18.7 dB switchable

**Damping factor @ 8  $\Omega$  (20 Hz–1 kHz):** >200

**Signal-to-noise ratio, to 20 kHz ref rated output:** >110 dB

**Input impedance:** 360 k $\Omega$  balanced

**Output impedance:** 0.04  $\Omega$

**Weight:** 250 lbs / 114 kg

**Dimensions:** 18.5 x 12.5 x 32.5 in / 47 x 31.7 x 82.5 cm (WHD)

*\*Limited by available AC power. Specifications subject to change.*



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**C Switch-Mode**  
POWER SUPPLY  
Precise, Consistent Power Delivery