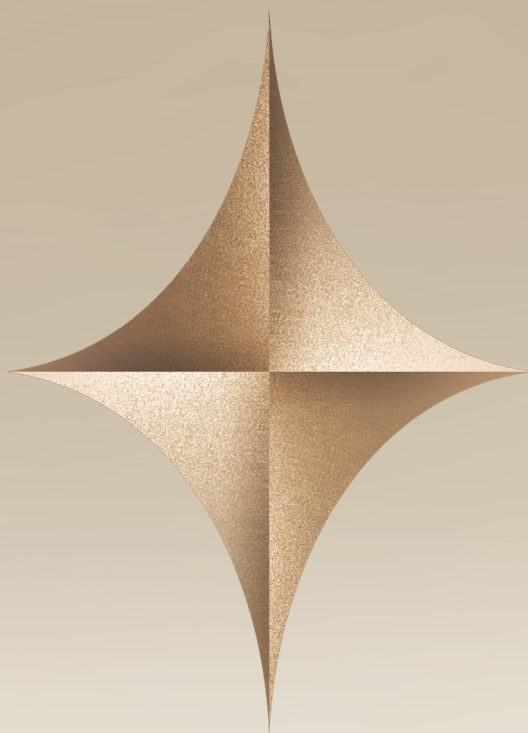
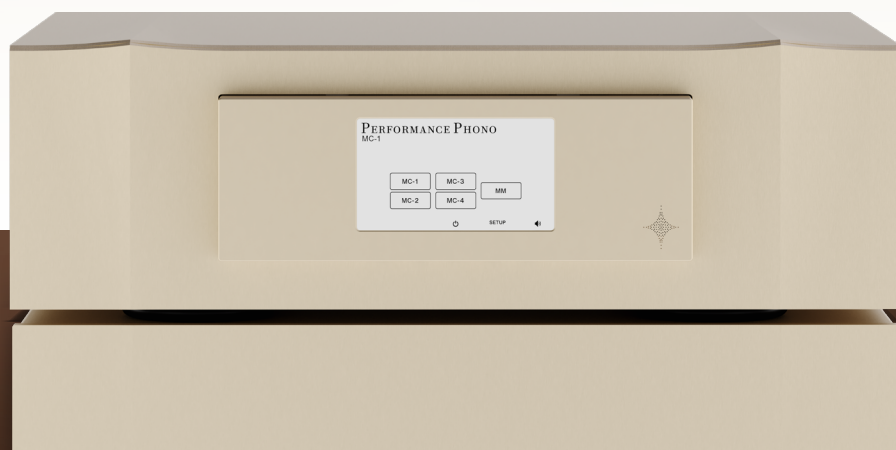




Performance 2

Phono Preamplifier

The Constellation Performance 2 Phono Preamplifier employs our most advanced RIAA EQ circuit design tested and refined over decades. Coupled with a fully balanced output stage and the most flexible selection of loading options, our finest phono preamplifier assures the absolute best performance from any cartridge. Additionally, the ultra-quiet Switch-Mode Power Supply, housed in a separate chassis, allows the subtlest nuances in every recording to be revealed.



Performance 2 *Phono Preamplifier*

The Phono Circuit

The heart of the Performance 2 Phono Preamplifier is a classic RIAA EQ circuit that has won raves from countless audiophiles and reviewers. This musically refined circuit is paired with an output stage based on the fully balanced Line Stage Gain Modules found in Constellation's Performance 2 Preamplifier, using hand-matched transistors selected for their outstanding, ultra-low-noise performance.

The Power Supply

Our Switch-Mode Power Supply (SMPS) is over 20 dB quieter than a typical linear power supply. It delivers consistent, perfect DC power no matter what the supply voltage, ensuring uncompromised retrieval of even the most minute sonic details. Encased in a separate machined-aluminum chassis, the power supply thus cannot interfere with the sensitive phono preamplifier circuits.

Precision and Flexibility

The Performance 2 Phono Preamplifier makes it easy to experiment with a wide variety of cartridges in the quest for the best sound. Load settings of the moving-coil inputs are calibrated in ultra-precise 1-ohm steps, from 0 to 999 ohms. Settings for each channel and each MC input can be stored independently. For moving-magnet cartridges, load impedance may be set to 10,

33, or 47 kilohms, and load capacitance to 0, 100, or 200 picofarads. XLR and RCA inputs are provided for two MC cartridges and one MM cartridge, respectively.

Masterful Musicality

A rare combination of elegant, refined analog circuitry and precision control, the Performance 2 Phono Preamplifier is operated by an LCD touchscreen with intuitive controls and indicators along the bottom. It allows ultra-precise, easy adjustment of all settings, with far better accuracy than even the best analog potentiometers can deliver.

Our most feature-rich phono preamplifier accommodates three cartridges and offers multiple EQ options, including rear-panel controls for high- and low-frequency EQ adjustment in increments of 2 dB steps above 10 kHz and below 50 Hz, respectively. There is no finer phono preamplifier to realize maximum performance from your favorite cartridges.



Specifications

Inputs: 3 XLR stereo, 3 RCA stereo, 1 USB (for control)
Outputs: 1 XLR stereo, 1 RCA stereo, 12-volt trigger
Gain: 65 dB max (balanced and unbalanced)
Output noise: -96 dB re 2 V output, 20 Hz–20 kHz
THD+N: <0.008% 10 Hz–20 kHz
Frequency response: +/-0.10 dB 10 Hz–20 kHz MC input 5 Ω to 1,000 Ω
Load impedance: +/-0.10 dB from 10 Hz–20 kHz (MC input) 0 Ω to 999 Ω ; (MM input) 10 k Ω to 47 k Ω
Output impedance: <5 Ω (balanced and unbalanced)
EQ: RIAA curve
Phono preamplifier weight: 24 lbs / 11 kg
Power supply weight: 11 lbs / 5 kg
Phono preamplifier dimensions: 17 x 5.5 x 15 in / 43.2 x 14 x 38.1 cm (WHD)
Power supply dimensions: 17 x 2.75 x 14.5 in / 43.2 x 7 x 36.8 cm (WHD)

Specifications subject to change.



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Switch-Mode
POWER SUPPLY
Precise, Consistent Power Delivery