



Revelation 2

Phono Preamplifier

The Constellation Revelation 2 Phono Preamplifier employs an RIAA EQ circuit design tested and refined over decades. Coupled with a fully balanced output stage and a wide selection of loading options, this phono preamplifier assures the absolute best performance from any cartridge. Additionally, an ultra-quiet Switch-Mode Power Supply, housed in a separate chassis, reveals the subtlest nuances in every recording.



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The Phono Circuit

The heart of the Revelation 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 award-winning line stage preamplifiers, 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 Revelation 2 Phono Preamplifier makes it easy to experiment with a wide variety of cartridges in the quest for the best sound. Load settings for the moving-coil inputs are calibrated in ultra-precise 1-ohm steps, from 5 to 1,000 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 MC and MM cartridges.

Masterful Musicianship

A rare combination of elegant, refined analog circuitry and precision control, the Revelation 2 Phono Preamplifier is operated by an LCD touchscreen with intuitive control buttons 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. The Revelation 2 Phono Preamplifier has two inputs and multiple EQ options, delivering pristine, quiet, musical sound quality and all the adjustment flexibility needed to achieve maximum performance from a variety of phono cartridges.

Specifications

Inputs: 2 XLR stereo, 2 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) 5 Ω to 1,000 Ω; (MM input) 10 kΩ to 47 kΩ
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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