

# BALANCED PHONO VK-P10 PREAMPLIFIER



## VK-P10 SPECIFICATIONS

### Inputs:

XLR and RCA phono inputs

### Outputs:

XLR outputs  
(optional XLR-to-RCA adapters available)

### Gain (4-position selectable, @ 1 kHz):

Direct-low position	50 dB
Direct-high position	55 dB
Step-up: 12 dB tap	67 dB
Step-up: 18 dB tap	73 dB

### Signal-to-Noise (A-weighted, referenced to 1 mV):

Direct-low position	71 dB
Direct-high position	73 dB
Step-up: 12 dB tap	79 dB
Step-up: 18 dB tap	83 dB

### Cartridge Loading:

Resistance—selectable from 100  $\Omega$  to 47 k $\Omega$   
Capacitance—selectable from 100 pF to 1000 pF

### Absolute Polarity:

Selectable 0° or 180° via front panel switch

### Power Supply Energy Storage:

200 joules

### Tube Complement:

Eight 6922s and two 6SN7s

### Power consumption:

150 VA maximum

### Dimensions:

19" W x 5.75" H x 15.5" D  
(48 cm W x 15 cm H x 40 cm D)

### Weight:

36 lb. (16 kg) unpackaged

Measurements reflect typical performance in balanced mode.

The Balanced Audio Technology VK-P10 is engineered to be the reference standard in phono stage preamplification. The VK-P10 features an all-tube zero-feedback design that combines the benefits of balanced operation with a unique Flying RIAA™ network. Dual-mono construction, vacuum-tube current regulation and enormous energy reserves are matched by complete flexibility in cartridge loading. The result is a circuit that unlocks hidden performance in virtually any cartridge.

### *Purist design*

The VK-P10 exemplifies Balanced Audio Technology's purist approach to circuit design. Its architecture employs ten tubes in a balanced zero-feedback topology. At the heart of the VK-P10 is an innovative Flying RIAA™ network that brings the benefits of fully differential operation to this critical equalization stage while minimizing circuit complexity. Energy reserves in the VK-P10 exceed those found in competing products by an order of magnitude. By any measure of this specification, the VK-P10 could be a sizable power amplifier.

### *Ultimate flexibility*

Low-output moving coil cartridges are the forte of the VK-P10, and most are handled easily by its direct mode. High-quality built-in step up transformers may be used for cartridges with even lower output or to obtain an even lower noise floor. Internal switches allow you to adjust cartridge loading for capacitance and resistance as well as providing low and high settings for preamplifier gain. Signal polarity is easily changed via a front-panel balanced phase reversal switch.

### *Superb construction*

The VK-P10 is built to the exacting standards that have won Balanced Audio Technology worldwide respect and recognition. Intelligent vibration control begins with a massive resonance control plate that anchors the entire circuit assembly. Custom oil-filled signal capacitors are used throughout. Power supply regulation is handled through vacuum-tube constant current sources. Pure unplated copper is used for all circuit board traces. All these elements work together to enhance the fundamental circuit excellence of the VK-P10.

### *Glorious transcription*

All the effort spent on the VK-P10's design and construction would be for naught if it yielded anything less than a breathtaking transcription of the music on your vinyl treasures. Here the VK-P10 establishes its true pedigree. We invite you to listen to the VK-P10 at your BAT audio specialist—and hear it unlock the glory of analog.

Balanced Audio Technology

26 Beethoven Drive  
Wilmington DE 19807

800.255.4228  
302.999.8855  
302.999.8818 fax

info@balanced.com  
http://www.balanced.com