

Order No. R700 0162



The Radial Q4 is a unique equalizer that combines the warmth and detail of a pure class-A circuit with the character of true 100% discrete state-variable filters. In other words, no integrated circuits are employed whatsoever. Designed to fit in the Radial Workhorse and other 500 series racks, the Q4 features four frequency bands with high and low shelving at 10kHz and 100Hz and two semi-parametric mid sections that let you sweep frequencies from 300Hz to 8kHz. The two mid-bands can be further optimized by selecting either a wide or narrow Q. All frequencies may be cut or boosted by up to 12dB - affording plenty of range. A handy 'bypass' switch lets you compare the dry tone with the EQ's effect and for those equipped with a Workhorse, the Omniport is designated as an unbalanced 1/4" TRS input/output connection that can be inserted into a console channel strip using a single TRS cable. This makes the Q4 a wonderful choice for adding analog character to a voice, instrument or music program.

FEATURES

- Four band semi-parametric class-A EQ
- 100% discrete, hand inserted parts
- Almost no negative feedback for pure tone
- Bypass switch for instant A/B comparison

APPLICATIONS

- Exceptionally smooth tone shaping
- Adding sparkle and character to a vocal
- Fattening a bass guitar or kick drum track
- Carving out space for a rhythm guitar

COOL FACTORS

- Sounds exceptionally warm and natural
- Adds analog EQ with minimal phase shift
- Solid construction you can depend on
- Fits all standard 500 series power racks



DOUBLE LAYER FRONT PANEL - Steel construction adds rigidity to reduce stress on the PC board. Provides the solid feel one expects from Radial.

HIGH - 10kHz shelving control lets you enhance high-frequencies to add sparkle or air or soften the top end to warm up an overly aggressive track.

HI-MID GAIN - Used to adjust the amount of high-midrange boost or cut being applied to the signal. Up to 12dB of boost or cut is available.

HI-MID FREQ - Lets you sweep the upper midrange band between 1kHz to 8kHz to find the optimum center frequency.

Q - Lets you set the width of the high-midrange band. Wider for more musicality or narrower for surgical precision.

LO-MID GAIN - Used to adjust the amount of low-midrange boost or cut being applied to the signal. Up to 12dB of boost or cut is available.

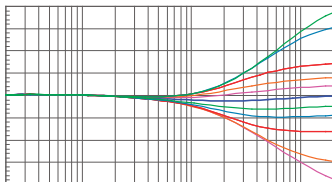
LO-MID FREQ - Lets you sweep the lower midrange band between 300Hz to 2.4kHz to find the optimum center frequency.

Q - Lets you set the width of the low-midrange band. Wider for more musicality or narrower for surgical precision.

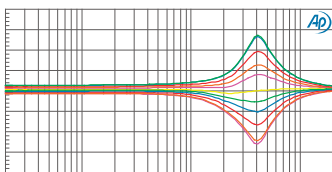
LOW - 100Hz shelving control lets you boost bass to add punch or roll off low frequency rumble.

EQ-IN - Used to bypass the EQ circuit so you may compare the wet post-EQ effect with the dry pre-EQ signal.

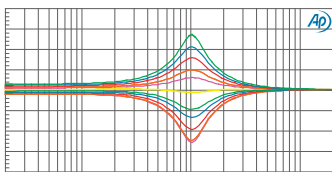
OMNIPORT - Configured as a TRS in-out connection. Lets you patch to and from the insert point of your mixing console using a single 1/4" TRS cable.



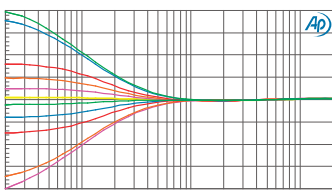
HIGH FREQUENCY BAND



HIGH-MID FREQUENCY BAND

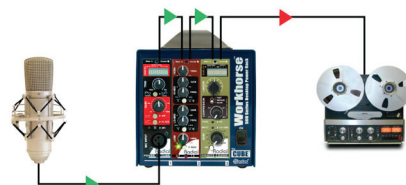
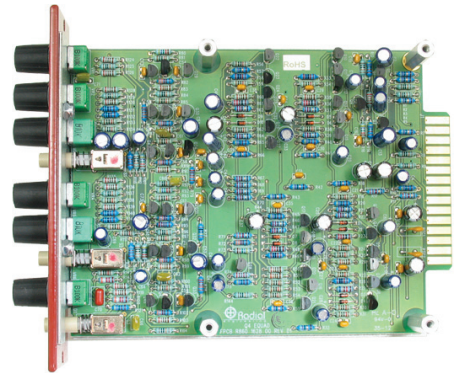


LOW-MID FREQUENCY BAND



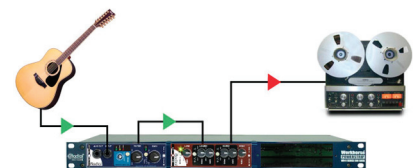
LOW FREQUENCY BAND

The Q4's unique circuit design eliminates the use of high gain chips and the use of excessive negative feedback needed to control them. Instead, each gain stage is optimized with individual parts for almost zero negative feedback to deliver the utmost musicality.



USING THE Q4 ON VOICE

Connect a mic to your favorite preamp and send the signal through the Q4 to add a gentle sparkle in the top end or solidify the fundamentals in the lower mids. The Q4 lets you quickly dial in the frequencies you need without ever sounding harsh.



USING THE Q4 TO ACCENTUATE TRACKS

The Q4's musical sounding circuit can make any track sound its best! Simply send an instrument or pre-recorded track into the Q4 and explore! The Q4 is super easy to use. Add some high end to accentuate the air, some bass to warm up the bottom and pull out some mids to blend tracks together.