



Graphic Equalizers

EVT® 2210

The EVT 2210 Stereo One-Octave Equalizer features two separate but identical 10 band channels, each capable of ± 12 dB boost and cut. The cost effective design of this unit did not compromise quality, performance or reliability. Compact and ruggedly built the EVT 2210 offers exceptional value for the dollar.

Delivering features and performance typically found only on expensive equalizers, the EVT 2210 is a low-noise, low-distortion product with "0" calibrated, center detented slide faders; separate output gain control and EQ in/out switch for each channel; overload LED indicators; and a plexiglass security cover that is included with the unit to protect the controls and control settings. Combined with the unique recessed front panel, this flat cover provides needed security.

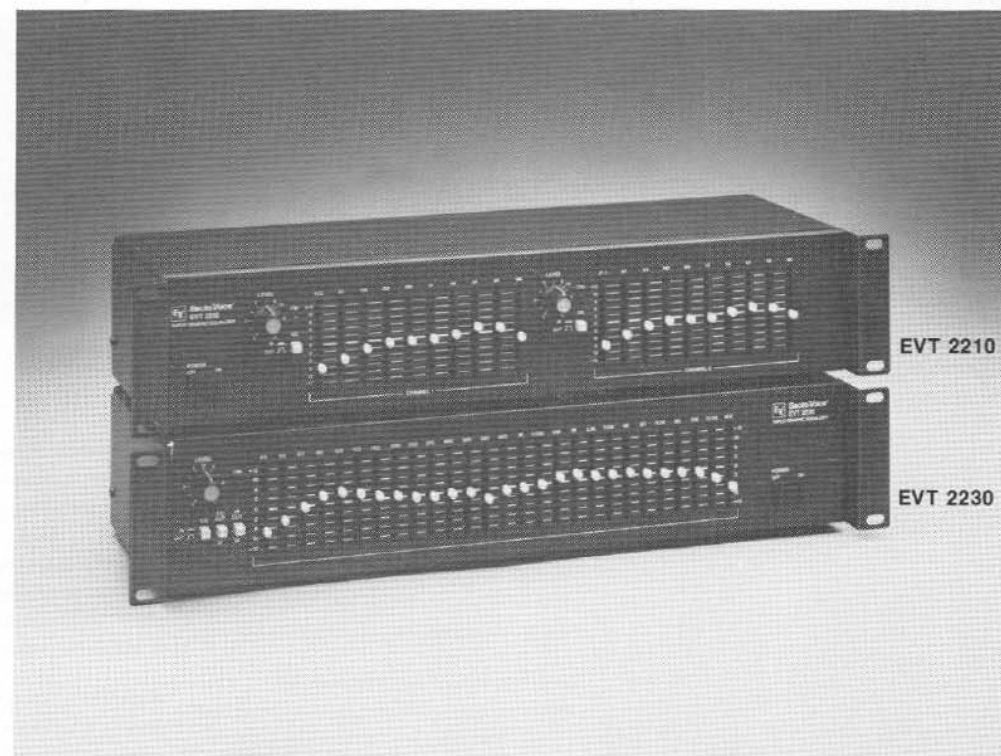
The two independent channels of the EVT 2210 allow for flexibility application. The unit can be used for equalizing in stereo applications for recording, pre-recorded playback, or stereo concert sound reinforcement. Also useful for independent applications, such as one channel for main P.A. output and the other for the monitor output, or for equalizing individual channels via channel insert facilities.

The EVT 2210 offers performance and reliability in a cost effective, flexible equalizer designed for working musicians and sound professionals.

EVT® 2230

The EVT 2230 is a Single Channel, Combining Filter One-Third-Octave Equalizer designed for sound reinforcement, recording and broadcast applications. Its low-noise, low-distortion circuitry and true combining filters deliver the performance and quality of competitive products costing substantially more.

Offering very accurate equalization control, the EVT 2230 has a boost and cut capability of ± 12 dB at each of the ISO standard one-third-octave center frequencies over 27 bands from 40 Hz to 16 kHz. In addition, a high pass (low cut) filter can be switched into the signal path to eliminate unwanted sub-sonic information (like room rumble, stage noise, etc.) from the signal. This feature is also useful in protecting low frequency loudspeakers from damage due to sub-sonic energy. A switchable low pass (high cut) filter is also provided to eliminate excessive high end in bright reverberant rooms.



The true combining filter design of the EVT 2230 results in smoother phase and frequency response, especially between bands. An EQ in/out switch is provided so that the equalizer and filter portions of the unit may be bypassed, allowing for instant comparison of equalized and unequalized settings. Peak responding level detectors are used and the LED's on time is increased by a peak stretching circuit, so that even very short overload transients are visually detected.

The output connections use tip-ring-sleeve 1/4-inch jacks and can accept balanced or unbalanced signals. A unique floating differential line driver allows this compatibility with either balanced or unbalanced loads, with no change in performance or gain.

The EVT 2230 is supplied with a plexiglass security cover. Combined with the unique recessed front panel, it adds complete protection of the controls and control settings.

Specifications:	EVT 2210	EVT 2230
Frequency Response (20 Hz to 20 kHz):	± 1 dB (all sliders centered)	± 1 dB (all sliders centered)
Output Noise:	-86 dBV	Greater than -90 dBV
Total Harmonic Distortion (THD):	.05%	Less than .05%
Intermodulation Distortion (I.M.):	Same	Same
Maximum Input:	+18 dBV	+18 dBV
Maximum Output:	+18 dBV	+18 dBV
Output Load Impedance:	600 ohms, minimum	600 ohms, minimum
Input Impedance (Ohms):	15 k unbalanced —	14 k unbalanced 30 k balanced
Number of Bands of Equalization:	10 per channel	27
High Pass Filter:	—	-3 dB at 32 Hz (18 dB/octave)
Low Pass Filter:	—	-3 dB at 8 kHz (6 dB/octave)
Dimensions — Height:	3.5 inches	3.5 inches
Width:	19 inches	19 inches
Depth:	7 inches	7 inches
Shipping Weight:	13 lbs.	12 lbs.