E-232
The dual-channel equalizer shall contain 14 filters on ISO center frequencies from 40 to 16k Hz. Each filter section shall provide 6 dB or 12 dB of cut and boost at the center frequency, with linear slide control operation and a graphic display of the equalization curve. An internal switch shall allow independent selection of both the boost and the cut range for each channel. The filters shall be minimum-phase type. The equalizer shall contain a highpass filter having the following characteristics: -12 dB/octave with -3 dB point continually adjustable from 15 to 300 Hz. The equalizer shall be provided with an EQ bypass switch to remove all equalizer and end-cut filters from the signal chain, with an LED indicator showing status. The input circuit shall be electronically unbalanced, and capable of driving a load of 1k ohm or higher. The unit shall accept optional input transformer which shall be internally installed with a plug-in connector. The unit shall contain a relay circuit which bypasses all internal electronics in the event of power failure. An output muting function shall be provided to suppress turn-on and turn-off transients. Barrier strip connectors and unbalanced 1/4" phone jacks shall be provided for input and output signal wiring. The unit shall be provided with a front panel power switch with an LED indicator showing Power On status. The input amplifier shall include a gain control with a ±12 dB range. An LED indicator shall be supplied to monitor both input and output levels and shall illuminate when either comes within 3 dB of clipping. Dimensions (W x H x D) shall be 19.0" x 1.7" x 12.2" (483 x 44 x 311 mm) with rack-mount brackets attached and shall occupy one standard rack space. A smoked plastic security cover shall be provided.

The 2/3-octave graphic equalizer shall be TOA model E-232.