



MODEL 714 EQUALIZER

FEATURES

- * Exclusive linear controls
- * Balanced, transformerless operation
- * Low Noise and distortion
- * Reciprocal peaking equalization at fifteen frequencies in three ranges
- * Continuous boost and attenuate controls
- * Independent high and low-pass filters

DESCRIPTION

The Clover Systems Model 714 is a plug-in fifteen frequency active equalizer incorporating linear motion slide controls and high performance integrated circuitry to provide a new advance in useability and performance.

Low frequencies are 50, 100, 250, 350, and 500 HZ.

Midrange frequencies are 500, 1100, 1700, 2500, and 3500

Hz. High frequencies are 2500, 5000, 7000, 10000, and

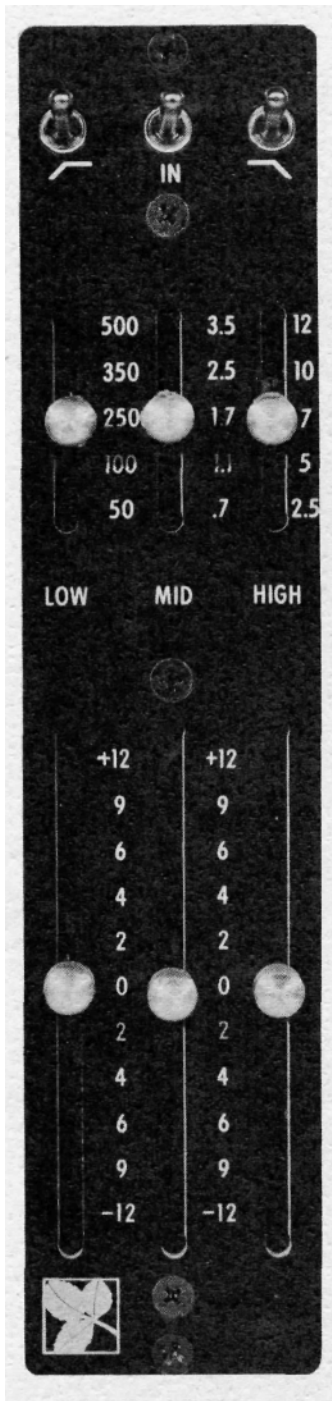
12000 Hz. In addition, there are separate high and low-pass filters with cutoff frequencies of 85 Hz and 11kHz

respectively. An in/out switch is provided to defeat the

equalizer without changing the control settings. The unit has

unity gain, and can be operated either balanced or

unbalanced.



SPECIFICATIONS

- * Frequency response (flat position): - 0.25db 20Hz to 35kHz
- * IM distortion (4:1 60Hz & 7kHz): less than 0.01% at + OdBm
less than 0.02% at +18dBm
- * Output noise (20Hz to 20kHz unweighted): -100dBm
- * Maximum output level (20Hz to 20kHz): +24dBm
- * Gain: Unity
- * Input impedance: 100K ohms - balanced, transformerless
- * Output impedance: 10 ohms - balanced, transformerless
- * Output is short-circuit protected
- * Can be operated single-ended or balanced
- * Power requirements: - 15 volts @ 35mA
- * Circuitry is protected against accidental power supply reversal
- * Dimensions: 7"H x 1.625" W x 5.25"D
- * Controls: Frequency select; 5 position slide switches
Equalization; Infinitely variable linear control with mechanical detents at - 0, 2, 4,
6, 9, 12 dB

specifications subject to change without notice