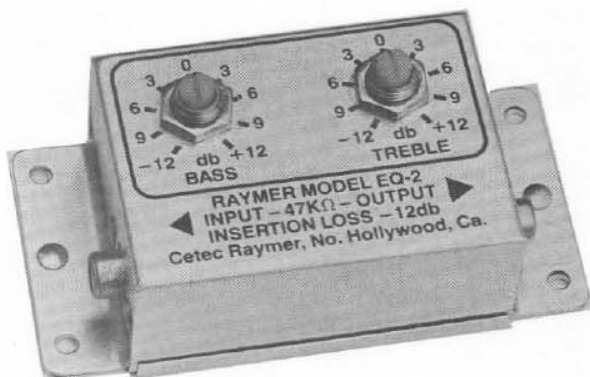


**RAYMER**

OPERATING INSTRUCTIONS



MODEL EQ-2 EQUALIZER

DESCRIPTION

The Raymer Model EQ-2 is a passive audio equalizer designed for installation in series with a high impedance circuit. For optimum performance, the source impedance to the EQ-2 should be 47K ohms or less and the load impedance of the output should be 47K ohms or more. The insertion loss of the equalizer in the "flat" position is -12dB.

Two screwdriver adjustments on the face of the unit provide bass and treble compensation of +12dB to -12dB at 50Hertz and 15KHertz respectively. Turnover frequency is 700Hz.

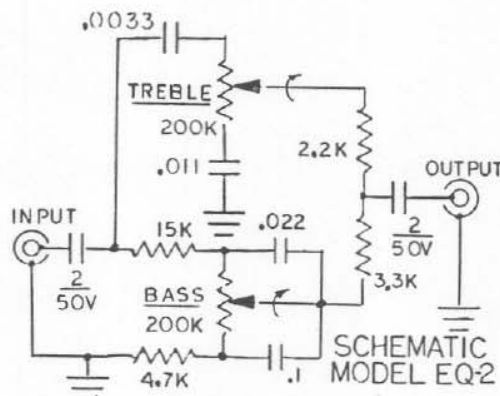
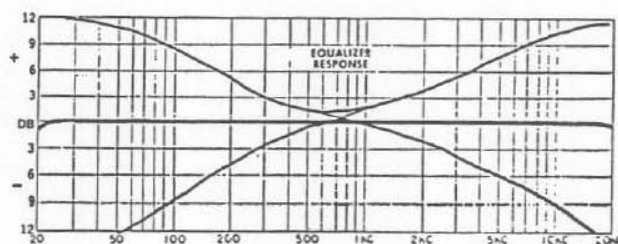
Input and output connections are made by means of RCA jacks on each end of the case. The entire unit is housed in a sturdy cadmium plated steel box 3 $\frac{3}{8}$ " x 2" x 1" which may be secured to most surfaces by means of #6 screws through holes provided in the mounting flanges, or it may be mounted with double-sided tape. Shipping Wt.: 1 lb.

WARRANTY

This unit has been very carefully inspected and is warranted to be free from defects in material and workmanship under normal use and service for a period of one year from date of sale to the original purchaser. This Warranty does not extend to any unit which has been subject to abuse, misuse, neglect, accident, improper installation, or alterations. The obligation of Cetec Raymer under this Warranty is limited to the repair of any defect in material or workmanship and/or the replacement of any defective part, provided the unit is returned to Cetec Raymer transportation paid within the year.

SPECIFICATIONS

Input Impedance: 47 K ohms. **Output Impedance:** 47 K ohms. **Input Level:** 17 V.A.C. max 50 V.D.C. max. **Insertion Loss:** 12 dB. **Turnover Frequency:** 700 Hz. **Bass Equalization:** ± 12 dB @ 50 Hz. **Treble Equalization:** ± 12 dB @ 15 KHz. **Input Connector:** RCA Jack. **Output Connector:** RCA Jack. **Size:** 1" x 2" x 3 $\frac{3}{8}$ ". **Shipping Weight:** 1 lb.



MANUFACTURED IN THE USA BY

 **Cetec Raymer**

Cetec Raymer Commercial Sound Products
Division of Cetec Corporation

7315 Fulton Avenue, North Hollywood, CA 91605 • (213) 875-0423 (818) 764-3434



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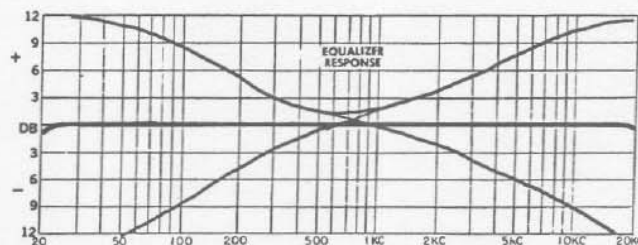
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TYPICAL APPLICATIONS

The Raymer Model EQ-2 is suited for many applications where it is necessary to alter the frequency response of an audio signal. It is easily used at the auxiliary level of such devices as:

- **SCA Tuners**
—To improve sound quality of reception
- **Tape Players**
—For enhancement of bass response
- **Tape Recorders**
—Provides pre-emphasis to recordings
- **Microphone Mixers**
—Controls acoustic feedback
- **Wired Music**
—Compensate for line loss
- **Signal Transmission**
—Provides pre-emphasis
- **Signal Reception**
—Use as post-emphasis to obtain greater signal to noise ratio



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