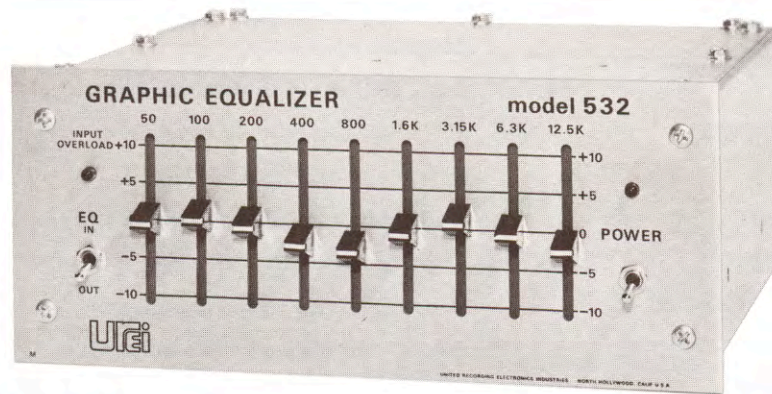


# Universal Audio OCTAVE GRAPHIC EQUALIZER

MODEL  
532



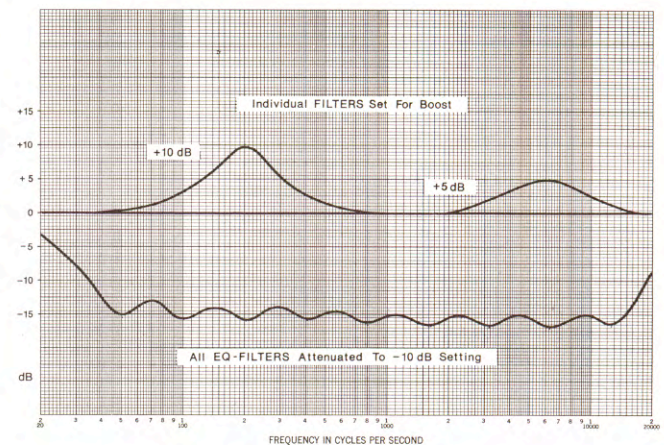
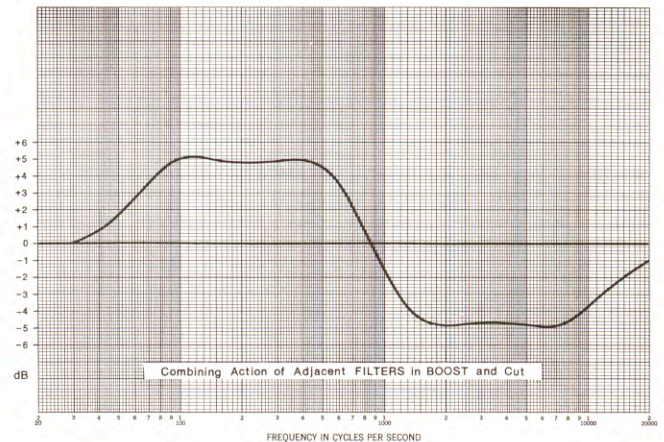
## FEATURES:

- Nine equalizers on octave centers.
- Professional quality throughout.
- Balanced or unbalanced inputs and outputs.
- 115 or 230 VAC operation, 50/60 Hz.
- The 532 Octave Graphic Equalizer is a studio quality product which has wide application in recording, sound reinforcement, radio and TV production, and monophonic music systems.

The Model 532 is identical to one channel of the Model 530 Dual Graphic Equalizer, offering real economy where 2 channels are not required. The circuit begins with a differential input stage, includes nine variable active equalizers centered at each octave from 50 Hz to 12.5 kHz, and ends in an output amplifier capable of delivering +20 dBm into a 600 ohm load. The input may be fed from a balanced or unbalanced source. The output amplifier is transformer isolated, and will accommodate balanced or unbalanced loads. Signal-to-noise ratio at maximum output is an outstanding 110 dB, harmonic distortion below 0.5%.

State-of-the-art design techniques and components assure uncompromised performance at a reasonable price. UREI quality, of course.

## TYPICAL CURVES:



UNITED RECORDING ELECTRONICS INDUSTRIES

8460 SAN FERNANDO RD., SUN VALLEY, CALIFORNIA 91352

(213) 767-1000

TELEX 65-1389

MODEL  
532

# TECHNICAL SPECIFICATIONS

## ELECTRICAL:

<b>GAIN</b>	: Unity $\pm$ 1 dB.
<b>FREQUENCY RESPONSE</b>	: 20 Hz to 20 kHz, $\pm$ 1 dB with EQ out.
<b>OPERATING LEVEL (NOMINAL)</b>	: 1.23 V (+4 dBm) for best signal to noise ratio with adequate headroom.
<b>DISTORTION</b>	: 0.5% THD at +20 dBm, 30 Hz to 15 kHz.
<b>INPUT IMPEDANCE</b>	: 20 kohm, balanced or unbalanced, bridging.
<b>RATED LOAD</b>	: 600 ohms resistive or higher.
<b>RATED OUTPUT</b>	: +20 dBm into 600 ohms (7.75 volts rms.)
<b>OUTPUT CIRCUIT</b>	: Transformer isolated; floating.
<b>MAXIMUM INPUT LEVEL</b>	: +20 dBm (LED overload indicator.)
<b>EQUIVALENT INPUT NOISE</b>	: Below -90 dBm with EQ switched in. (15.7 kHz noise bandwidth, input and output terminated with 600 ohms.)
<b>EQUALIZATION FREQUENCIES</b>	: 50, 100, 200, 400, 800, 1600, 3150, 6300, 12,500 Hz.
<b>FILTER BANDWIDTH</b>	: 1 octave at 8 dB Boost or Cut.
<b>BOOST/CUT RANGE</b>	: $\pm$ 10 dB at center frequencies.
<b>FILTER TYPE</b>	: Synthesized LC.
<b>ENVIRONMENTAL REQUIREMENTS</b>	: Operation from 0°C to +50°C. Storage from -20°C to +60°C
<b>MAINS REQUIREMENTS (SWITCH SELECTABLE)</b>	: 100 -125 VAC 50/60 Hz less than 10 watts or 220 -250 VAC 50/60 Hz less than 10 watts.
<b>FUSES</b>	: 1/4 amp at 115 VAC 1/8 amp at 230 VAC, SLO-BLO.

## CONTROLS:

<b>EQUALIZATION</b>	: 9 vertical controls. (Knobs included.)
<b>EQ IN/OUT</b>	: Front panel toggle switch.
<b>POWER</b>	: Toggle switch.
<b>MAINS VOLTAGE</b>	: Rear panel slide switch.
<b>TERMINATIONS</b>	: Rear panel barrier strips for input and output, 5' (1.5 m) 3-wire power cable.

## PHYSICAL:

<b>DIMENSIONS</b>	: 3½" high x 8½" wide x 8" deep. (89 x 216 x 203 mm).
<b>WEIGHT</b>	: 6½ pounds, 2.95 kg
<b>SHIPPING WEIGHT</b>	: 8 pounds, 3.63 kg
<b>FINISH</b>	: Front panel horizontally brushed, clear anodized aluminum. Chassis cadmium plated steel.
<b>ACCESSORIES</b>	: SR-21 Single Rack Mount Kit. DR-21 Double Rack Mount Kit.