

# 351 EQ

31-BAND 1/3 OCTAVE GRAPHIC EQUALIZER

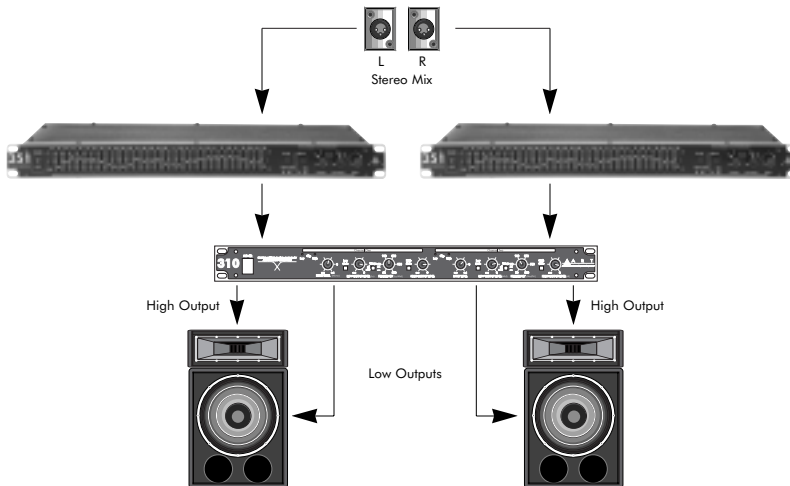


The Model 351 31-Band 1/3 Octave Graphic Equalizer may be used in a variety of applications such as live sound, recording studios, instrument racks, DJ sound systems and fixed equipment installations. Designed to interface into any audio system, the Model 351 is a powerful tool for solving audio problems and creating interesting sound textures.

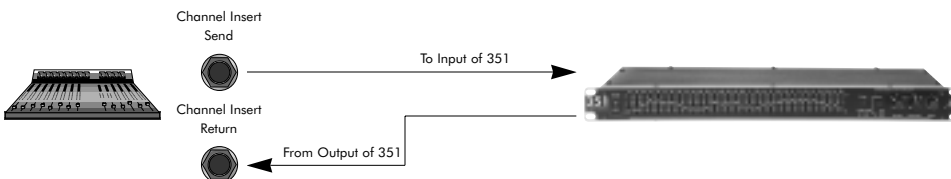
The Model 351 possesses a long list of impressive features including: constant Q circuitry, 20mm center detent sliders (with a selectable boost/cut range of 6dB or 12dB), balanced XLR and 1/4" and unbalanced RCA input and output connections, adjustable high pass and low pass filters, variable input level controls, signal clip level indicators, ground lift switch, internal power supply and selectable line voltage switch. The rugged, all-steel constructed chassis occupies 1U rack spaces and is intended for installation into standard 19" equipment racks.

The 351 31 Band EQ has the features and performance you need for any of your audio applications requiring precise equalization. For the latest in equalizer technology today, check out the 351 at your favorite A R T dealer.

*~ Using in a 2-Way Speaker System ~*



*~ In the Insert of a Mixer ~*



A R T  
APPLIED RESEARCH AND TECHNOLOGY

## FEATURES:

**SINGLE CHANNEL  
31-BAND GRAPHIC  
EQUALIZER**

**CONSTANT-Q FILTERING**

**BALANCED XLR, ACTIVE  
BALANCED 1/4", AND  
UNBALANCED RCA INPUT  
AND OUTPUT  
CONNECTORS**

**VARIABLE HIGH-PASS AND  
LOW-PASS FILTERS**

**+/- 6DB OR +/-12DB  
LEVEL ADJUSTMENTS**

**20MM CENTER DETENTED  
FREQUENCY BAND SLIDERS**

**INDEPENDENT LEVEL AND  
BYPASS CONTROLS PER  
CHANNEL**

**DESIGNED FOR YEARS OF  
CONTINUOUS, RELIABLE  
PERFORMANCE**

**RUGGED ALL STEEL  
CONSTRUCTION**

**ONE YEAR WARRANTY**

# 351 EQ

## SPECIFICATIONS

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<i>Dimensions:</i>	1.75"H x 19" W x 8.5" D
<i>Weight:</i>	4.5lbs. (2.5kg)
<i>Frequency Bands:</i>	31, 1/3 octave, 150 spacing
<i>Filter Type:</i>	Constant Q - 3% center accuracy
<i>Slider Travel:</i>	20mm w/ positive center detent
<i>Range:</i>	+/-6dB or +/-12dB selectable
<i>High Pass Filter</i>	10Hz to 250Hz, 12dB/oct
<i>Low Pass Filter</i>	3kHz to 40kHz, 12dB/oct
<i>Input Connections:</i>	Active balanced XLR and 1/4" TRS {XLR pin 2, 1/4" tip = Hot (+)} Unbalanced RCA
<i>Input Impedance:</i>	20k ohms (bal), 15k ohms (unbal)
<i>Max. Input Level:</i>	+22dBm
<i>Output Connections:</i>	Active balanced XLR and 1/4" TRS {XLR pin 2, 1/4" tip = Hot (+)} Unbalanced RCA
<i>Output Impedance:</i>	<150 ohms (typ)
<i>Max. Output Level:</i>	+18dBm (bal), +22dBm (unbal)
<i>Frequency Response:</i>	20Hz to 20kHz, +0.5dB
<i>THD + Noise:</i>	0.01%
<i>Signal to Noise Ratio:</i>	-94dB
<i>Power: (Switchable)</i>	95-130VAC, 50/60Hz, 22 watts (USA) 190-250VAC, 50Hz (USA)
<i>Warranty</i>	One Year

### APPLICATIONS:

Live Sound Systems/ PA  
Permanent/ Fixed Installations  
Church, Club and Practice PA Systems  
DJ Sound Systems  
Monitor Systems  
Home and Project Recording Studios

Features and specifications subject to change without prior notice.  
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