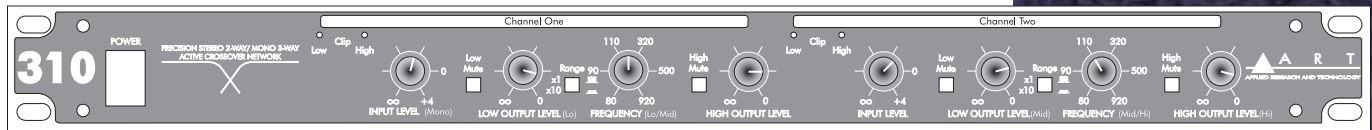


Model 310

Precision Stereo 2-Way/ Mono 3-Way Crossover Network



A R T's 310 Precision Stereo 2-Way/ Mono 3-Way Crossover is a perfect addition to any sound reinforcement system. Designed for PA and fixed-installation applications, the model 310 may be used as a stereo 2-Way crossover network or as a mono 3-Way crossover network. The model 310 employs 24dB/ octave state-variable, fourth-order, Linkwitz-Riley filters. Fourth-order Linkwitz-Riley filters guarantee in-phase outputs at all frequencies which is mandatory for the proper acoustic summing of common signals from adjacent drivers in the crossover region.

Each channel features input level, high and low output level and crossover frequency rotary controls. A frequency "x10" switch is provided for varying the crossover frequency from the standard 80Hz - 920Hz to 800Hz - 9200Hz. Front-panel output mute switches are provided for each individual output to ease system setup. The rear panel features XLR and active balanced 1/4" TRS input and output connectors as well as a 2-Way/ 3-Way mode selector switch. Power for the 310 is internal.

The A R T 310 Precision Stereo 2-Way/ Mono 3-Way Crossover has the features and performance you need for any audio application requiring a crossover. Housed in a rugged all-steel chassis, the model 310 will provide years of reliable and continuous performance. For the latest in crossover technology today, check out the 310 at your favorite A R T dealer.

FEATURES:

STEREO TWO-WAY OR MONO THREE-WAY CONFIGURATIONS

FOURTH-ORDER LINKWITZ-RILEY FILTERS

ACTIVE BALANCED XLR AND 1/4" TRS INPUT AND OUTPUT CONNECTORS

INDIVIDUAL OUTPUT MUTING SWITCHES

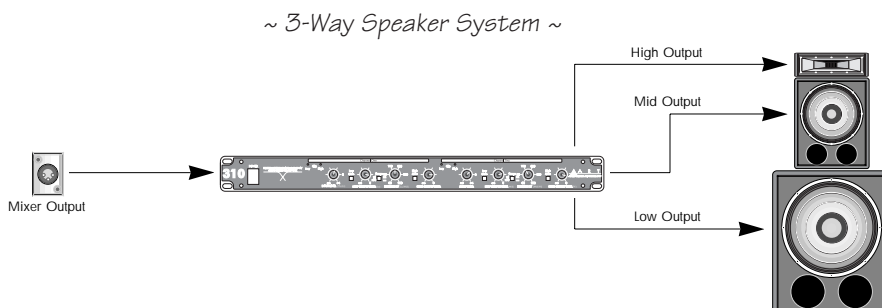
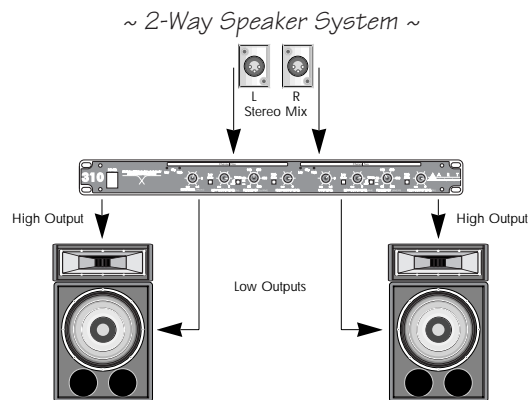
X10 FREQUENCY RANGE ADJUSTING SWITCH

CLIPPING INDICATORS ON ALL OUTPUTS

DESIGNED FOR YEARS OF CONTINUOUS, RELIABLE PERFORMANCE

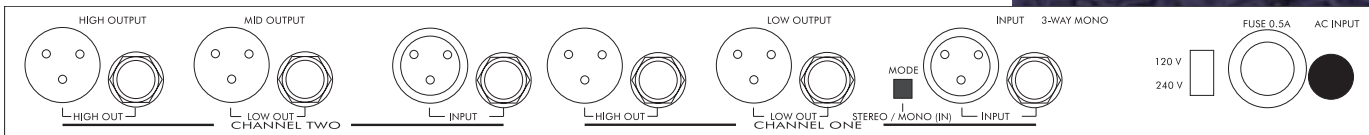
RUGGED ALL-STEEL CONSTRUCTION

ONE YEAR WARRANTY



Model 310

SPECIFICATIONS



SPECIFICATIONS:

| | |
|--|---|
| <i>Dimensions</i> | 6.5"D x 19.0"W x 1.75"H |
| <i>Weight</i> | 5.0 lbs |
| <i>Frequency Response</i> | 10Hz to 20kHz, +0/-1.5 dB |
| <i>Crossover Frequency Ranges</i> | |
| <i>x1</i> | 80Hz to 920Hz |
| <i>x10</i> | 800Hz to 9.2kHz |
| <i>Crossover Filters</i> | fourth-order Linkwitz-Riley |
| <i>Dynamic Range</i> | >85dB |
| <i>Signal to Noise Ratio</i> | 118dB |
| <i>Input Impedance</i> | 20k Ohms |
| <i>Output Impedance</i> | 150 Ohms |
| <i>Maximum Input Level</i> | +13dB |
| <i>Maximum Output Level</i> | +21dBu |
| <i>Total Harmonic Distortion (THD)</i> | <0.05% (20Hz to 20kHz) |
| <i>Maximum Gain</i> | +4dB |
| <i>Power Requirements</i> | 105-120 VAC, 3VA (USA) Export units configured for country of destination |
| <i>Warranty</i> | One Year |

APPLICATIONS:

Live Sound Systems/ PA
Permanent Installations
Church, Club, Practice PA systems
Bi-amped Bass and Keyboard Rigs

Features and specifications subject to change without prior notice.
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