

311

STEREO 2-WAY CROSSOVER w/ SUBWOOFER OUT



The Model 311 Crossover may be used as a stereo 2-way crossover network, and has the addition of a subwoofer output for low-end frequency reinforcement. It employs 24dB/octave state-variable, fourth-order, Linkwitz-Riley filters that guarantee properly phased 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 independent high and low output level controls and a crossover frequency rotary control, which covers a wide range (250hz to 6khz). All three outputs have a 30 cycle low cut switch to eliminate low-end rumble. The subwoofer features an independent output level & rotary control for frequencies in the 50hz to 250hz range.



SPECIFICATIONS	Dimensions:	5.5"d x 19.0"w x 1.75"h
	Weight:	4.85 lbs. (2.2 kg)
	Input Connections:	XLR, 1/4" TRS, balanced
	Output Connections:	1/4" TS, unbalanced
	Input Impedance:	100K Ohms
	Output Impedance:	220 Ohms
	Maximum Input Level:	+21dBu
	Maximum Output Level:	+21dBu
	CMRR	>75dB (typical @ 1kHz)
	Frequency Response:	10Hz to 40kHz, +/-5dB
	Signal to Noise Ratio:	>95dB, Ref: 0dBu
		20Hz to 20kHz, unweighted
	Dynamic Range:	>114dB
	Total Harmonic Distortion (THD):	<0.01% (20Hz-20kHz, 0dBu)
	Crossover Filter Type:	Fourth-order Linkwitz-Riley

	24dB/octave, state-variable
Crossover Frequency Range:	250Hz to 6kHz
Subwoofer Filter Type:	Two-pole Butterworth, 12dB/octave
Subwoofer Frequency Range:	50Hz to 250Hz
Power Requirements:	USA: 110 -125V AC / 50-60hz / 15W Export units configured for country of destination

311 FEATURES:

- ✓ Stereo 2-Way Crossover
- ✓ Low-End, Subwoofer Output
- ✓ Linkwitz-Riley filters
- ✓ Independent high and low output level controls
- ✓ Phase Switches
- ✓ XLR and 1/4" Input Connectors
- ✓ 1/4" Output Connections

APPLICATIONS:

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

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