

### ARCHITECTS SPECIFICATIONS

#### XR-4001

The unit shall be a stereo four-way 24dB per octave electronic crossover in a two rack space metal chassis. The unit shall have separate front panel input level controls on all channels for interfacing with broad range of nominal system levels. Unity gain operation must be achievable by setting these controls at the "U" position. Each of the unit's channels shall have independent, infinitely variable adjustment of crossover frequency with controls located on the front panel. This control shall provide a total range of 200:1 when used in conjunction with the unit's adjacent RANGE switch. There shall be a RESPONSE control calibrated in decibels on each channel to adjust the damping of that filter at the crossover point, thus allowing variable system response adjustment to specific site requirements. The unit shall have separate clip indicators to monitor all internal amplifiers for any possible overload conditions. Each channel of the crossover unit shall have a separate output level control and mute switch located on the front panel. There shall be separate inputs and outputs for each channel on 1/4" TRS phone jacks and XLR connectors, any of which may be used balanced or unbalanced. In addition, there shall also be an independent mono summed output labeled MONO LOW OUT (on a separate 1/4" TRS jack and an XLR jack). The crossover must

be made in America and covered under a limited full Five Year warranty. The shipping weight shall be ten pounds, with an overall depth of six inches. The crossover shall be the Ashly model XR-4001, manufactured by Ashly Audio Inc. of Rochester, New York. No other unit shall be acceptable unless data submitted from an independent test laboratory verifies that the above specifications are fully met or exceeded.

#### Features:

- 5-Year Worry-Free Warranty
- 24dB Per Octave Slopes
- Variable Filter Response Allows Tuning-In Linkwitz-Riley or Other Filter Performances
- Output Mute Switches
- XLR and 1/4" Inputs and Outputs
- 20Hz Third Order Hi-Pass Filter
- Extra Wide Tuning Range
- Peak Overload Warning Lights
- Tamper-Proof Security Covers Optionally Available

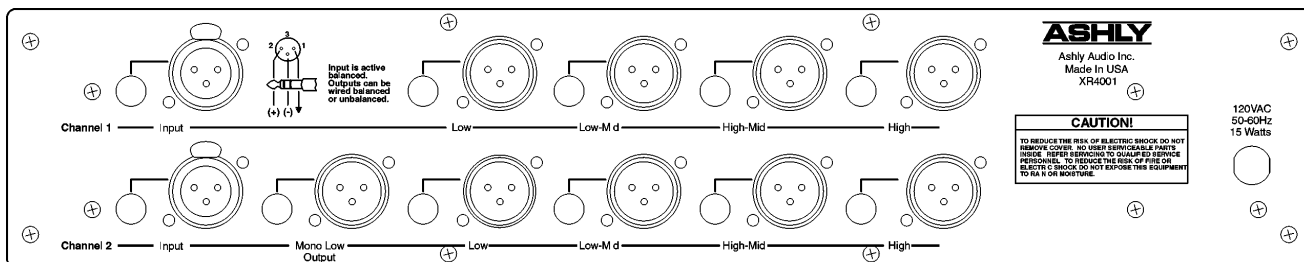
## General Specifications XR-4001

### CONTROLS

Input Level	Infinity - +8dB
Response Control:	1.5dB - 12dB
Output Level:	Infinity - +15dB
Input Impedance:	20K ohm Balanced bridging
Output Impedance:	200 ohm quasi-balanced
Maximum Input Level:	+23dBu
Maximum Output Level:	+23dBu
Frequency Response:	± .5dB, 20Hz - 20KHz
Distortion:	< .05% THD
Slew Rate:	6V/uS
Hum and Noise:	-90dBu
POWER REQUIREMENTS:	120VAC nominal, 92 VAC minimum 240 VAC available, 50-60Hz, 5W
Size:	19.0"L x 3.50"H x 6.0"D
Shipping Weight:	10 lbs

Notes: 1. 0dBu = .775 Vrms. 2. Quasi-balanced output has balanced output impedance with single-ended signal

## Rear Panel XR-4001



## Applications:

Concert Sound, PA Systems, DJ Systems, Dance/Night Clubs, Churches, Auditoriums, Lecture Halls, Sports Stadiums, Outdoor Festivals, Home Theatre.

Ashly manufactures a complete and comprehensive line of Graphic and Parametric Equalizers, Electronic Crossovers, Power Amplifiers, Compressor-Limiters, Mixers, and Amplifier Input Options. Please call, write or visit our web site for information on any of these Ashly Products.

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