

ARCHITECTS SPECIFICATIONS

XR-2001

The unit shall be a stereo three-way 24dB per octave electronic crossover in a two rack space metal chassis. This same unit shall also be configurable as a four-channel two-way electronic crossover. 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 sixteen pounds, with an overall depth of eight inches. The crossover shall be the Ashly model XR-2001, 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.

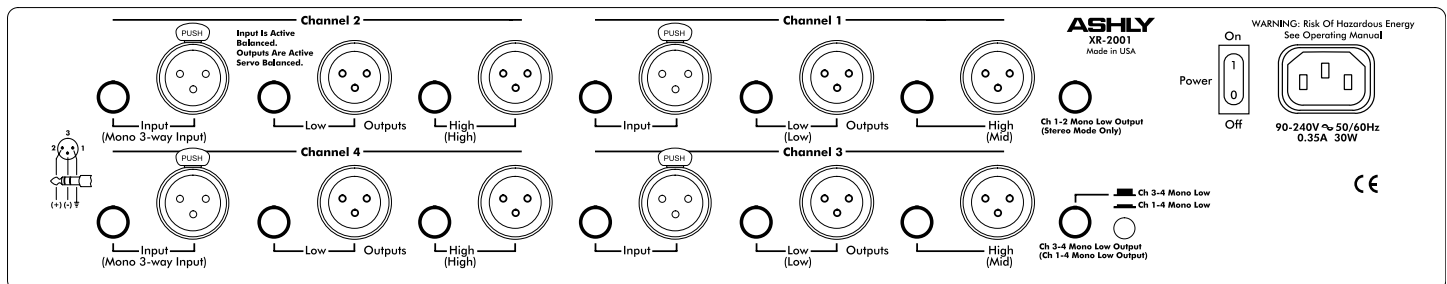
Features

- 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
- Safety/Compliance: cTUVus/CE, RoHS

Specifications XR-2001

Input Level Control:	$-\infty$ to 8.5dB
Response Control:	2dB - 12dB
Output Level:	$-\infty$ to +15dB
Input Impedance:	20K Ω Balanced
Output Impedance:	100 Ω Servo-balanced
Maximum Input Level:	+23dBu
Maximum Output Level:	+23dBu
Frequency Response:	± 0.5 dB, 20Hz - 20KHz
Distortion:	<0.05% THD (+10dBu, 20Hz - 20KHz)
Slew Rate:	6V/ μ S
Hum and Noise:	-95dBu unweighted 20Hz - 20KHz
Power Requirements:	100 - 240VAC, 50-60Hz, 24W
Size:	19.0"L x 3.50"H x 8.0"D
Shipping Weight:	16 lbs
Notes:	1. 0dBu = .775 Vrms.

Rear Panel XR-2001



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 Analog and Digital Signal Processors, Power Amplifiers, 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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