

ARCHITECTS SPECIFICATIONS

XR-1001

The unit shall be a stereo two-way, switchable to mono 3-way, 24dB per octave electronic crossover in a one rack space metal chassis. The unit shall have separate front panel input level controls on both 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 two 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 recessed 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. The crossover shall be the Ashly model XR-1001. 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. There shall be a 1/4" TRS connector providing for a summed mono low output. which can be used balanced or unbalanced. The crossover must be made in America and covered under a limited full Five Year warranty. The shipping weight shall be eight pounds, with an overall depth of six inches. The unit must be 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
- Summed Mono Output
- 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

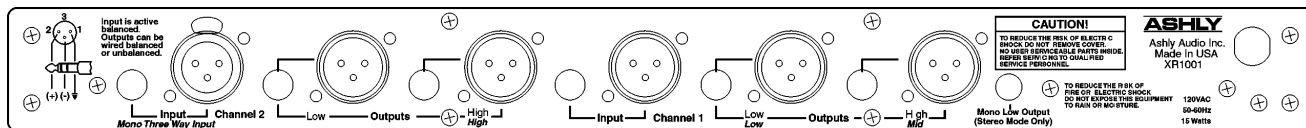
General Specifications XR-1001

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 1.75"H x 6.0"D |
| Shipping Weight: | 8 lbs |

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

Rear Panel XR-1001



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.

Ashly Audio Inc., 847 Holt Road, Webster, NY 14580-9103, Toll Free (800) 828-6308, Telephone (585) 872-0010, FAX (585) 872-0739
Internet: <http://www.ashly.com>, email: info@ashly.com