



ARCHITECTS SPECIFICATIONS

LX-308B

The unit shall be an eight channel stereo line-level mixer in a one rack space metal chassis. Each channel shall have a pair of balanced 1/4" input jacks with level and pan controls on the front panel. Channels 1 and 2 shall be switchable to accommodate either microphone or line level sources. An input on/off switch with a LED status indicator shall be provided for independent channel muting.

The unit shall have separate Left and Right clip indicators to monitor all internal amplifiers for any possible overload conditions. There shall be Left and Right outputs on 1/4" TRS phone jacks which can be used as balanced or unbalanced. In addition, there shall also be an independent Mono summed output on a separate 1/4" TRS jack. Left/Right level control, variable panning, and a master stereo mute switch must be provided on the front panel, as well as an overall adjustment for the independent Mono summed output.

There shall be a stereo headphone jack with separate level control located on the front panel of the unit. Pre-Master sub inputs and outputs for linking with other mixers must be located on the rear panel. The unit shall have the ability to operate as an eight input stereo or a sixteen input mono mixer by patching cables accordingly.

The mixer shall provide an unity gain signal path when all level controls are set at twelve o'clock.

Distortion shall be less than 0.02% Total Harmonic Distortion at +20dBu (20Hz to 20kHz) and less than 0.01% Intermodulation Distortion (SMPTE) at +100dBu (20Hz to 20kHz.) Hum and Noise shall be less than -98 dBu residual output noise when all levels are set at minimum, and less than -90dBu at nominal (unity) gain. Frequency Response shall be ± 0.2 dB, 20 Hz-20 kHz. Voltage gain of the mixer shall be 25dB ± 1 dB when measured from channel input to master output when levels are set at maximum. Voltage gain when channel one or two are in mic position shall measure 56dB ± 1 dB at the master outputs. Crosstalk of the unit shall be less than -80 dB when measuring adjacent inputs or input to output at 1kHz. Dimensions of the model shall be 19" wide x 1.75" high x 8.0" deep. The shipping weight shall be 13 pounds. The mixer must be made in America and covered under a full Five Year warranty. The mixer shall be the model LX-308B, manufactured by Ashly Audio, Inc. of Webster, 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

- Balanced Inputs and Outputs
- Eight Stereo or Sixteen Mono Inputs
- Individual Left, Right and Mono Outputs
- Channel 1 & 2 Selectable Mic or Line Inputs
- Unity Gain Signal Path Throughout When all Level Controls are Set at Twelve O' Clock
- L & R Level Meters w/Clip Indicators Monitor all Internal Amplifiers
- Pre-Master Sub Inputs & Outputs for Linking Multiple Mixers
- Front Panel 3.5mm Stereo Line In Jack
- Individual Channel Mute Switches
- Stereo Output Mute Switch
- Stereo Headphone Output with Level Control
- Safety/Compliance: cTUVus/CE, RoHS, FCC

