



LX-308B 8-CHANNEL, STEREO LINE LEVEL MIXER

The **LX-308B** is a true stereo 8-channel line level mixer (it may also be used as a sixteen channel mono mixing unit). The LX-308B can be used on its own any time stereo line level sources need to be combined together. Some typical applications for the LX-308B would include boardroom sound systems, multimedia sound distribution, broadcast studios, mobile broadcast units, satellite downlink distribution, and live sound reinforcement or studio sessions.

Each input of the LX-308B has a pair of balanced 1/4" TRS line input jacks, with level and pan controls on the front panel. All inputs may be used either balanced or unbalanced. Channels one and two are switchable for mic or line level to allow the use of dynamic microphones directly into those inputs without the need for separate preamplification. An input on/off switch with LED status indicator provides for convenient channel muting when needed. Two, five-segment LED meters indicate Left and Right stereo output. Separate Left and Right clip indicators monitor all important signal points to warn of any possible overload distortion.

The LX-308B has both Left and Right outputs on 1/4" TRS phone jacks (all outputs may be used either balanced or unbalanced). Left and Right level controls, variable panning and stereo mute switch are found on the front panel, as in an independent Mono output. Stereo headphones may be conveniently connected to the front of the mixer, and this output has its own level control.

A 3.5mm stereo line in jack on the front panel offers a convenient input alternative for MP3 players and smartphones via channel 8. Pre-Master sub inputs and outputs may be used for linking the LX-308B to other mixers, such as the Ashly MM-508 eight-input stereo microphone model.

The LX-308B provides precise line-level mixing control in a single space rack-mountable package. Rugged, versatile, and backed by Ashly's exclusive Five Year Worry-Free Warranty, the LX-308B will provide years of reliable performance in applications demanding the very finest in professional audio quality.

LX-308B Features:

- True, stereo 8-channel line level mixer, doubles as a 16-channel mono mixing unit
- Convenient, 3.5mm stereo line in jack on front panel for MP3 players and smartphones
- Use alone or as an expander or sub mixer for larger consoles
- All balanced inputs
- Front panel level, pan controls and individual channel muting switches w/LED status indicators
- Channels 1 and 2 are switchable for either mic or line level input
- Safety/Compliance: eTUV_{us}, CE, FCC, RoHS

Specifications

Note: 0dBu = 0.775 VRMS

Distortion, Hum and Noise 20Hz–20kHz	
THD @ +20 dBu, 20Hz–20kHz	<0.02%
IMD (SMPTE) @ +20dBu	<0.01%
Residual Output Noise (all levels @ min)	<-100dBu
Master Out, Level & 1 Input Level @ nominal	<-90dBu
Voltage Gain (dB±1)	
Inputs or Sub-inputs to Master Outputs (levels @ nominal)	0dB
Input to Master Output (levels @ max)	30dB
Input in Mic Position to Master Outputs (ch1 or ch2)	61dB
Sub-inputs to Master Outputs (master level @ max)	15dB
Crosstalk	
Adjacent Inputs or Input to Output (@ 1kHz)	<-80dB
Adjacent Inputs or Input to Output (@ 20kHz)	<-60dB

Metering	
VU Meters	Two 5-segment LED meters, 0VU = +4dBu
Peak Indicators	Activated when internal signal is 3dB below clipping
Weights, Dimensions & Power	
Unit Weight	7.7lbs (3.5kg)
Shipping Weight	10lbs (5kg)
Dimensions	19" W x 1.75" H x 9.4 D" (483mm x 44mm x 239mm)
Power Requirements	100–240VAC, 50–60Hz, 30W



LX-308B

ARCHITECT & ENGINEERING SPECS

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. A master Left/Right level control, pan, and a master stereo mute switch must be provided on the front panel, as well as a level adjustment for the independent Mono 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 a 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 +28dBu. Hum and Noise shall be less than -100dBu 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, 20Hz-20kHz. Voltage gain of the mixer shall be 30dB ± 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 61dB ± 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 10 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.

The mixer shall be an Ashly model **LX-308B**

