

MX624 Six-Channel Stereo Mixer With Two Zone Outputs



- Six stereo input channels with individual level controls
- Balanced mono microphone XLR inputs available on the first three channels
- Selectable padding on mic inputs
- Full +48V low-noise phantom power independently switchable for each mic input
- First channel provides switchable ducking of other channels with selectable parameters
- Front panel 3.5-mm stereo mini-phone plug for portable music player input
- Two sets of left and right 6.3-mm TS main output jacks with master level, bass and treble controls
- Two bus input 6.3-mm TRS jacks allow units to be chained
- Rugged 1U rack-mount steel chassis with built-in power supply
- Power Requirements: AC 230 V, 50 Hz
- Dimensions: 45 mm x 482 mm x 152 mm
- Weight: 2.2 kg

Specifications

Input Connections	XLR female balanced (Mic, channels 1-3) RCA unbalanced (Line Inputs 1-6, Left & Right) 1/4-inch TRS unbalanced stereo (Bus Inputs, Zone 1 & 2)
Output Connections	1/4-inch TS unbalanced (Zone 1 & 2 Out, Left & Right)
Input Impedance	4k Ω (Mic), 10k Ω (Line), 10k Ω (Bus)
Output Impedance	200 Ω (Zone 1 & 2)
Frequency Response	20 Hz – 20 kHz (+0, -1 dB) (channels 1-6 in, zone out)
Total Harmonic Distortion	<0.01% @ 1 kHz, typical
Phase Response	All connections are phase coherent
Signal to Noise Ratio	>90 dB typical (Ref 0dBu)
CMRR	>43 dB typical
Maximum Input Level	-4 dBu, +16 dBu with 20 dB pad (Mic), >25 dBu (Line)
Maximum Output Level	+20 dBu (unbalanced)
Maximum Gain	57 dB (Mic), 31 dB (Line)
Ducking Threshold	-49.5 dBv (adjustable via rear-panel dipswitches)
Ducking Depth	15 dB
Tone Controls	+/-12 dB @ 100 Hz & 10 kHz
Phantom Power	Switch selectable, +48V DC (regulated and filtered), 7 mA current limiting per leg
Power Requirements	USA: 85-125 VAC, 50-60 Hz, <15W Export units configured for country of destination
Dimensions	1.75"H x 19"W x 6"D (44.5mm x 483mm x 152mm)
Weight	4.9 lbs (2.2 kg)