

MIX-6 STEREO MIXER



The MIX-6 is a broadcast-quality, 1U mixer with 4 reference-quality mic pre-amps, pan controls, 48V phantom power, and low-cut switches.

Its unique input flexibility can solve almost any mixing problem. Inputs 1-4 are capable of any combination of mic or line level, XLR or 1/4", balanced or unbalanced signals.

Aux 1 is a stereo RCA pair, and Aux 2 is a stereo 1/4" TRS pair (balanced or unbalanced). Additionally, Aux 2 is switchable to remove it from the output buss and patch it directly to the headphone out for monitoring a return or cueing a source signal. XLR and 1/4" TRS outputs are provided, with the XLR output switchable for mic or line level operation, and have individual drive circuits for isolation. The MIX-6 features a switchable stereo limiter and the internal power supply can be set for either 115 or 230VAC.

Frequency Response: 20Hz-20KHz ± 0.8 dB, 5Hz-40kHz ± 3 dB

Maximum Input Level: Line: +22dBu, Mic: -14dBu

Input Impedance: 10k Ohms

Low Cut Filter: 24dB per Octave, -3dB at 120Hz

Input Common Mode Rejection: 55dB at 60Hz

Maximum Output Level: +22dBu

Output Impedance: 47 Ohms

Signal To Noise Ratio:

Line Mode: 0dB input, 0dB gain, =92dB

Mic Mode: -40dB input, 46dB gain, =82dB

Rise Time: 8.6 μ S

Total Harmonic Distortion: 0.005% @ 1kHz

Power Requirements: 115/230VAC

Phantom Power: 48VDC

Mic/Line Switch: 36dB

Gain Structure:

Channel Gain: 20dB

Master Gain: 20dB

Total Gain: 76dB

Channel Separation: 60dB

Limiter Attenuation: 20dB

Headphone Impedance: 30 Ohms minimum