

ARX Maximix Line Mixer

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The Solution

Introducing the **MaxiMIX** from ARX: Two independent mixdown groups, each consisting of 4 line inputs with individual level controls and RF filters. Both groups can be linked for a Mono 8 channel mix. Each input has up to +6dB of gain available, and full attenuation to allow matching of any line level signals.

Balanced Inputs and Outputs

In Stereo mode, each of the 4 electronically balanced inputs combine into fully balanced Master outputs, each of which has 2 male XLR sockets. In Mono mode all Eight inputs mix down to a single linked pair of Master outputs

Wide Dynamic Range

Internally, careful attention to the signal path design has resulted in a unit with wide dynamic range, enough headroom to cope with the **hottest** line signal, and **better than digital** noise specifications

Universal AC Power

AC power range is a universal 100 to 120V or 220 to 240V AC, and is connected to the unit via a standard three pin IEC connector, with built-in fuse and voltage change switch.

Applications

A typical MaxiMIX application would be as an Installation Master Mixer, combining Live Band Mix, Disco, KTV and Audio-for-Video signals. In this way they can all run independently of each other through the one speaker system.

Other applications include using it as a line sub-mixer for external effects units, and as a Keyboards, Drum machines or other Electronic Instruments sub-mixer.

Accurate and compact, the MaxiMIX's unique combination of ultra low distortion, low noise and high headroom makes it the **ideal** installation line mixer.

Modes of operation 2 x 4:1 Line Mixer, 1 x 8:1 Line Mixer

Input Impedance 44K Ohms Balanced, 22K Ohms Unbalanced

Input Headroom +21dB

Output Level +26dB

Output Signal/Noise (@ unity gain) -95dB unweighted, 101dB A weighted

Output Impedance 300 Ohms Balanced, 150 Ohms Unbalanced

Dynamic Range 120dB

Frequency Response 20Hz-20 KHz -1dB

Distortion (@ unity gain)

100Hz .0035%

1KHz .0033%

10KHz .0037%

Input Connector Type Female XLR

Output Connector Type

Front Panel Controls

Individual Level controls for all 8 input channels

Mode status LEDs

Marker panel for labelling input channels

Rear Panel

Balanced Inputs and Outputs, on Balanced XLR connectors

Switch for 4 channel stereo mixer mode or 8 channel mono mixer mode

AC input connector, with voltage switch and fuse