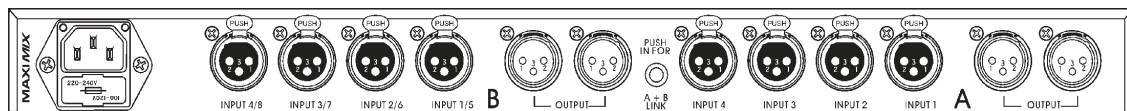
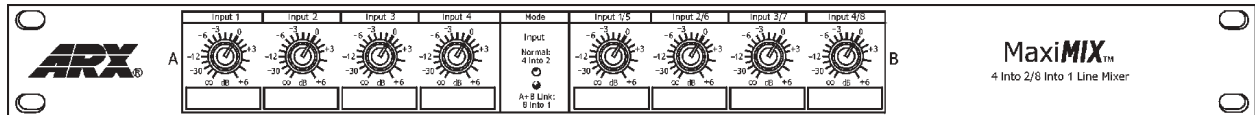


MaxiMIX™



4 INTO 2, 8 INTO 1 LINE MIXER



Hand made in Australia

Innovation

For the Installation Contractor, accurately mixing line level audio signals has never been easy. Using the wrong product can lead to lack of headroom, vastly differing input levels, uneven output levels, RF breakthrough - the problems have been seemingly endless.

Until now, that is!

Introducing the **MaxiMIX** from ARX: Two independent mixdown groups, each consisting of 4 line inputs with individual level controls and RF filters. A switch on the rear panel changes it to a single output with 8 line inputs

Each input has up to +6dB of gain available, and full attenuation to allow matching of any line level signals.

Balanced Inputs and Outputs

Each of the 4 electronically balanced inputs combine into fully balanced Master outputs, each of which has 2 male XLR sockets.

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.

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

Applications

- Studio, Live and Broadcast
- Sound Reinforcement
- AV Systems/CD/VIDEO
- Anywhere unbalanced signals need converting to professional balanced signals

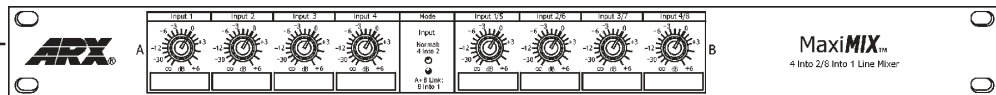
A typical MaxiMix application would be as an Installation Master Mixer, combining Live Band Mix, Disco, KTV and Audio-for-Video signals. In this way they can all run independently of each other through the one speaker system.

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.

Features

- ✓ Switchable 4 into 2 or 8 into 1 Line level mixer
- ✓ Individual Level controls from ∞ through to +6dB
- ✓ Balanced XLR Inputs and Outputs
- ✓ Numbered Marker panel for split assigns
- ✓ Wide dynamic Range
- ✓ Headroom to handle the hottest signals
- ✓ 'Better-than-digital' noise specifications
- ✓ Comprehensive LED status indicators
- ✓ Flawless performance in any audio environment

Specifications



Mode of operation

Stereo 4:2 Line Mixer
Mono 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

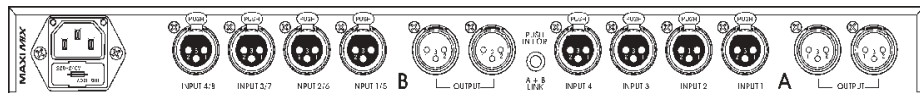
Female XLR

Output Connector Type

Male XLR

Front Panel

- Input level controls for channels A and B
- 4 into 2 / 8 into 1 status LEDs (either one lit also indicates AC power connected)
- Numbered marker panels for labelling input assigns



Rear Panel

- 4 x Balanced XLR Input connectors per channel. Wired Pin 1 Ground, Pin 2 Hot +, Pin 3 Cold -
- 2 x Balanced XLR Output connectors per channel (same wiring as Input)
- 4 into 2 / 8 into 1 mode switch
- IEC 3 pin AC connector and integral fuseholder. Replace fuse with correct value only: 100 - 120 V AC 1 amp, 220-240 V AC 0.5 amp.

ARX Systems are based in Melbourne, Australia, where all ARX Products are assembled and tested in our 'state-of-the-art' manufacturing facility

For over 20 years ARX has designed, manufactured and supported Audio Products for Professional users and applications worldwide

Architectural Specifications

The line mixer shall be mounted into a standard 1 RU steel chassis with extruded aluminium front panel.

It shall have two mixdown groups of four XLR electronically balanced inputs with individual level controls, switchable to a single mixdown group with eight inputs. Indicator LEDs shall show which mode is active.

Each input shall provide full attenuation through to +6dB of gain for a line level signal.

Master outputs shall be electronically balanced 3 pin male XLR output connectors. Input Headroom shall be +21dB, and Maximum Output Level shall be +26dB.

Output Signal/Noise @ unity gain shall be -95dB unweighted, -101dB A weighted.

Frequency Response shall be 20Hz-20KHz -1dB.

Distortion @ unity gain, 100Hz shall be .0035%, at 1KHz shall be .0033%, and at 10KHz shall be .0037%.

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

The unit shall be the ARX MaxiMIX

Specifications available on CD ROM



Latest information updates always available on the comprehensive ARX website: www.arx.com.au



Our policy is one of continuous improvement, and therefore designs may change without notice. However, unless otherwise stated, specifications will always equal or exceed those previously given.



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