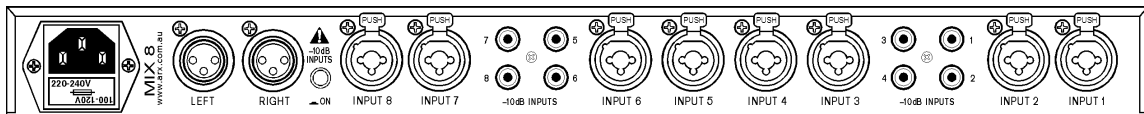
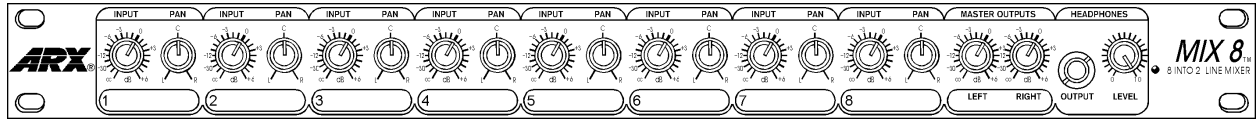


MIX 8

ARX
www.arx.com.au®

8 INTO 2 STEREO LINE MIXER



Introducing the **MIX 8** from ARX: The ideal real-world interface for today's 8 track performance playback requirements, and the solution to all multi channel line mixing needs. An 8 into 2 stereo line mixer with individual level controls, pan controls and RF filters, and a stereo headphone output for monitoring.

Balanced Inputs and Outputs

Total flexibility is provided by the inclusion of Balanced XLR, unbalanced jack and phono (RCA) connectors. Each XLR and jack input has up to +6dB of gain available, while the phono connectors have a nominal input of -10dB with +16dB of gain available to allow matching of any line level signals. Individual Pan controls allow accurate signal placement in the spatial field.

All inputs mix down to fully balanced Left and Right Master XLR 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 excellent 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

The MIX 8 has a wide range of applications: as a backing track mixer for live digital 8 track playback, and as an Installation Master Mixer, combining Live Band Mix, Disco, KaraokeTV 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 MIX 8's unique combination of ultra low distortion, low noise and high headroom makes it the ideal compact line mixer.

Features

- Eight channel stereo line mixer
- XLR, jack and Phono (RCA) Input connectors
- Balanced XLR Output connectors
- Level and Pan controls for each channel
- Headphone Output and Level control
- Master Level controls
- Intuitive 'user-friendly' layout
- Flawless performance in any audio environment
- Security cover available

Specifications

Mode of operation

Stereo 8:2 Line Mixer

Input Impedance

Balanced XLR/Jack
44K Ohms

Unbalanced XLR/jack
22K Ohms

Phono (RCA) connectors
10K Ohms

Input Headroom

+21dB

Output Level (Max)

+27dB

Output Signal/Noise

(@ unity gain)

-84dB unweighted

-89dB A weighted

Output Impedance

300 Ohms Balanced

150 Ohms Unbalanced

Dynamic Range

111dB

Frequency Response

20Hz-20 KHz ± 0.5 dB

Distortion

(@ unity gain)

100Hz .004%

1KHz .0042%

10KHz .006%

Input Connector Types

Female XLR, jack, RCA

Output Connector Type

Male XLR

AC Power

100-120, 220-240VAC, 8
VA

Size

19"W x 6"D x 1¾"H

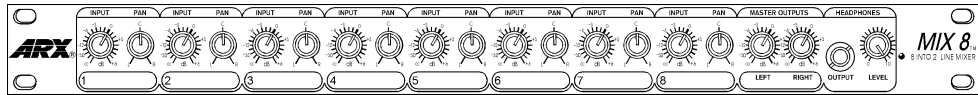
482 x 155 x 44mm

Weight

2.2 Kg (5 lbs)

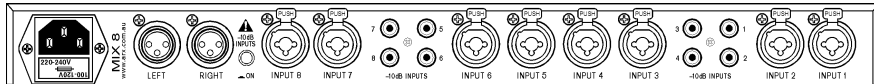


Our policy is one of continuous improvement, and therefore designs may change without notice. However, unless otherwise stated, specifications will always equal or exceed those previously given.



Front Panel

- Level controls Channels 1 - 8
- Pan controls Channels 1 - 8
- Numbered marker panel for labelling channel assigns
- Master Left and Right outputs
- Headphone output
- Headphone Level control
- AC power status LED



Rear Panel

- Balanced XLR Inputs for Channels 1 to 8
- Balanced/Unbalanced Jack Inputs for Channels 1 to 8
- Phono (RCA) Inputs for Channels 1 to 8
- -10dB phono (RCA) inputs switch
- Master XLR Balanced outputs
- AC input connector, with voltage switch and fuse.

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 8 XLR electronically balanced inputs with individual level and pan controls combining to Left and Right mix-down groups. Balanced/Unbalanced jack and Unbalanced phono (RCA type) inputs shall also be available. There shall be a rear panel switch to enable/disable the Unbalanced phono (RCA type) inputs.

Each XLR and jack input shall provide full attenuation through to +6dB of gain for a line level signal. The RCA connectors shall be -10dB nominal input and shall provide +16dB of gain.

Master outputs shall be electronically balanced 3 pin male XLR output connectors.

There shall also be a stereo jack headphone output on the front channel, de-

livering 2w max per channel.

Input Headroom shall be +21dB, and Maximum Output Level shall be +27dB.

Output Signal/Noise @ unity gain shall be -84dB unweighted, -89dB A weighted.

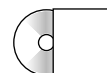
Frequency Response shall be 20Hz-20KHz, ± 0.5 dB.

Distortion @ unity gain, 100Hz shall be .004%, at 1KHz shall be .0042%, and at 10KHz shall be .006%.

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 MIX 8

Specifications available on CD ROM. Latest updates available at: www.arx.com.au



ARX Systems Pty Ltd; PO Box 15, Moorabbin, Victoria 3189, Australia
Phone: 03 9555 7859 Fax: 03 9555 6747 International Fax +61 3 9555 6747
Email: info@arx.com.au Internet: www.arx.com.au