

## ARX UniMix AV Mixer

Šifra: 14817  
Kategorija proizvoda: Pa Rack Ostalo  
Proizvođač: ARX

**Cena: 91.080,00 rsd**

**Problem 1:** Getting the correct recording level is hard, given that the level requirements are different to those of speakers.

**Problem 2:** Maintaining a steady input level to the computer requires continual monitoring to prevent digital overload.

### The Solution

Introducing the new **UniMIX** from ARX: Six Balanced XLR Mic / Line input channels with individual level controls, plus a dedicated stereo RCA jack Line In channel.

Each Mic/Line input has infinity to +6dB of Level available on the front panel, as well as a 10 to 50dB Input Gain control. The stereo Line Input channel has a -10 to +10dB Level Trim control, to allow accurate matching of any line level signals.

On the rear panel, each of the 6 electronically balanced Mic inputs can be switched to Line via individual switches.

### Multiple Masters

For the room system, the **UniMIX** has 2 Balanced XLR outputs, with 3 way EQ and its own Master Level control.

The Recording Output is a single Balanced XLR Output, transformer isolated to prevent ground loops and associated noise.

### Automatic Gain Control

The Recording Master also has its own Automatic Gain Control circuitry. Specially tailored parameters ensure that levels remain constant, irrespective of Mic placement and user technique.

The result is a consistent level for the recording, providing **increased intelligibility**, removing the need for fulltime monitoring and the risk of overloading and distortion.

The final Master control feeds the main signal to a transformer isolated Balanced XLR Auxiliary Output. This can be used for future expansion, remote monitoring or for feeding a wireless transmitter or other device.

Global Phantom Power is available on all Microphone inputs with a rear panel switch with associated front panel status LED.

### Wide Dynamic Range

Internally, careful attention to the signal path design, using precision components found in high-end mixing consoles, has resulted in a unit with very wide dynamic range. The **UniMIX** has 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.

**Input Impedance** Mic: 4K Ohms Balanced, Line 22K Ohms Unbalanced

**Input Gain** Microphone: Variable 10 dB to 50 dB with rear trim control, Mic / Line switch -20dB

**Output Level ( Max)** +21dB

**AGC Threshold** -50 to -20 dB

**AGC Output Gain** -20 to +20 dB

### **Phantom Power:**

+48VDC switchable on all Microphone Inputs

**Output Signal/Noise (@ unity gain)** -90dB A weighted, all inputs @ Unity, Master @ Unity

**Dynamic Range** 115dB

### **Master Output EQ**

Low 100Hz 15dBCut/Boost

Mid 800HZ 15dB Cut/Boost Bell, Broad Q

High 10KHz 15dBCut/Boost

**Master Outputs** Electronically Balanced XLR 300 ohms Line Level Balanced Output Connectors Male XLR:  
Pin 1 Ground, Pin 2 +, Pin 3 -

**Frequency Response** 20Hz-20 KHz  $\pm$  1dB

**Distortion (@ unity gain** Below 0 .0035%, 100 Hz to 10KHz

**Input Connector Type** Mic/Line - Amphenol Female XLR, Hi Z Input - Phono (RCA type)

**Output Connector Type** Amphenol Male XLR

**Recording Output Connector Type** Amphenol Male XLR

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## **Front Panel Controls**

Individual Level controls for each input channel - infinity  
through 0db to +6dB

Individual Gain Controls for each Input channel, 10 to 50  
dB

Stereo Line In Level and Trim control

Master Output 3 way EQ and Level control

System Status LEDs

Recording Master Level control and Automatic Gain  
Control Threshold trim

Auxiliary Master Output control

Marker panel for labelling input channels

## **Rear Panel**

6x Female XLR Balanced Inputs wired Pin 1 Audio  
Ground, Pin 2 +, Pin 3 -

RCA type Stereo Line Inputs

Transformer isolated XLR Balanced Recording Output

Left and Right Male XLR Balanced Outputs, wired Pin 1  
Audio Ground, Pin 2 +, Pin 3 -

Transformer isolated Auxiliary Master XLR Output

Global Mic input Phantom Power switch

Removable IEC type AC input connector, with inbuilt  
fuse