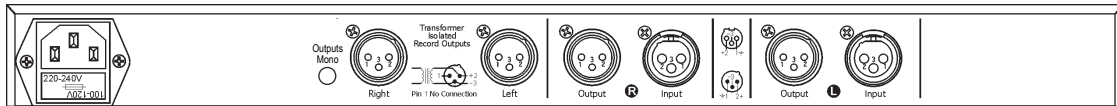
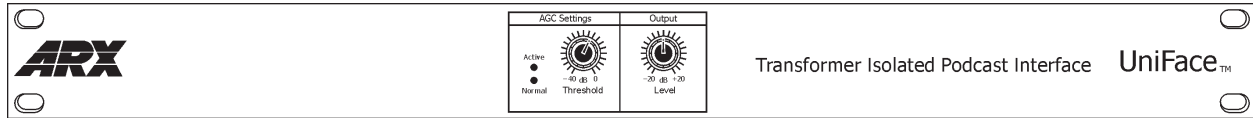


TRANSFORMER ISOLATED PODCAST INTERFACE



Hand made in Australia!

Innovation

These days, more and more educational institutions such as colleges, universities and high schools are expected to provide downloadable recordings - podcasts - of lectures and classes, for students to access at all times on the local area network. These recordings are typically taken from the classroom/lecture theatre sound system and saved to a computer in real time.

Problem 1: Getting the correct 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 **UniFace** from ARX: A user-friendly way of adapting existing systems to be 'podcast-ready' by simply inserting it into the existing signal chain.

Two Balanced XLR Line input channels feeding into the Automatic Gain Control circuitry taken from our unique UniMIX. Specially tailored parameters ensure that levels remain constant, irrespective of Mic placement and user technique.

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

The Recording Outputs are stereo balanced XLR connectors, transformer isolated to prevent ground loops and associated noise.

For the room system, the UniFace has 2 Balanced XLR outputs, looped from the Balanced Inputs. The Input and loop Output XLRs are hardwired so there is no interaction with the existing room system.

Industry standard connections ensure that the UniFace neatly and compatibly interfaces with existing systems with no wiring modifications being required

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 UniFace 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.

Other applications include Boardroom/Annual General Meeting recording, Courtroom, Houses of Worship, and much more.

Specifications

Input Impedance

44K Ohms balanced

Output Level (Max) +21dB

AGC Threshold

-40 to 0 dB

AGC Output Gain

-20 to +20 dB

Output Signal/Noise

(@ unity gain)

-90dB A weighted, all inputs

@ Unity, Master @ Unity

Dynamic Range 115dB

System Master Outputs

Electronically Balanced Male XLR 300 ohms: Pin 1 Ground, Pin 2 +, Pin 3 -

Recording Outputs

Transformer isolated
Balanced Male XLR, wired
Pin 1 N/C, Pin 2 +, Pin 3 -

Frequency Response

20Hz-20 KHz ± 1dB

Distortion (@ unity gain)

Below 0.0035%,
100 Hz to 10KHz

Input Connector Type

Female XLR

(N/C: Not Connected)

Front Panel

- AGC System Status LEDs
- Recording Master Level control and Automatic Gain Control Threshold trim

Rear Panel

- 2 x Female XLR Balanced Inputs wired Pin 1 Audio Ground, Pin 2 +, Pin 3 -
- Male XLR Loop Outputs to speaker system amplifiers
- Transformer isolated Male XLR Balanced Recording Outputs, wired Pin 1 N/C, Pin 2 +, Pin 3 -
- Removable IEC type AC input connector, with inbuilt fuse



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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