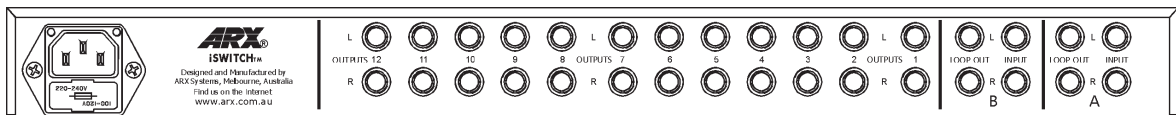
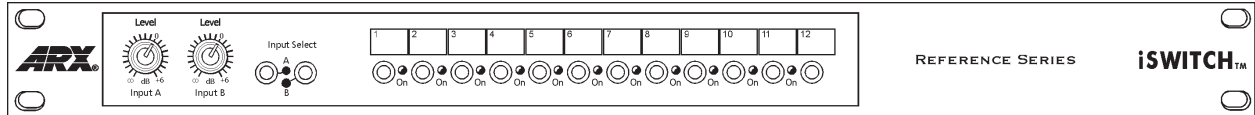




iSWITCH

12 STEREO PAIR LINE SWITCHER



Applications

Individually testing or demonstrating multiple powered speakers or similar devices.

Innovation

The iSwitch is a unique precision piece of test equipment, being able to individually send a choice of two program sources to 12 pairs of powered loudspeakers, making it ideal for batch testing or demonstrating. For example, Channel A could have Pink Noise or a sine wave, and Channel B program material. Interlocking switches prevent more than one Input being selected at a time.

Interlocking switches also prevent more than one Output pair being selected at a time, so that each Output pair can be stepped through by pressing the subsequent switch. A status LED shows which output is currently active.

All Inputs and Outputs are electronically balanced on Tip-Ring-Sleeve jack connectors.

Loop outputs allow the Input signals to be looped to additional iSwitch units, for larger testing arrays to be set up.

Superb Audio Quality

The iSwitch's ultra low noise figures come from extensive use of premium

components, plus care and attention to board design and layout. The result is superb, transparent audio quality and the headroom to accurately reproduce the most demanding input signal.

A and B Input Gains are adjustable from Off through to +6 dB via level controls on the front panel. LED status indicators show which Input is currently active.

The unique ARX iSwitch provides a truly innovative solution to testing multiple powered speaker systems.

Every day, ARX Audio interface products solve audio problems for thousands of people around the world.

Audio is all we do...and we do it well.

Technical Specifications

- Gain**
Off to +6dB
- Input A and B Impedance**
40 KOhm
- Input Headroom**
+21dB
- Outputs 1-16 Impedance**
100 Ohm
- Output Level (Max)**
+26dB

Frequency Response
10Hz – 20KHz ±0.25 dB

Signal to Noise ratio
-96dB Unweighted
-102dB 'A' weighted

Distortion @ Unity Gain
.0025% THD, 0dB @ 1 KHz

Dynamic Range
122 dB

Input Connectors
Balanced Tip-Ring-Sleeve jack, wired Tip +, Ring -, Sleeve Audio Earth/Ground

Output Connectors
Balanced Tip-Ring-Sleeve jack, wired Tip +, Ring -, Sleeve Audio Earth/Ground

Status Indicators
Input A or B LEDs, Outputs 1-16 LEDs

Power Requirements
100-120/220-240 V AC
50/60 Hz 8VA (8 watts)
on 3 pin IEC connector

Weight
5 lbs/2.2 Kg

Dimensions
19"W x 1¾"H x 6"D
482 x 44 x 155mm



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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.

