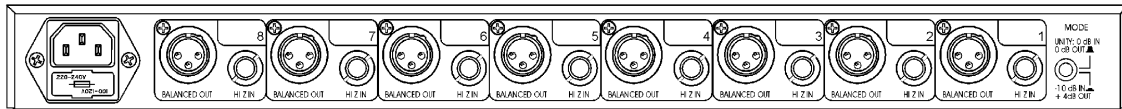
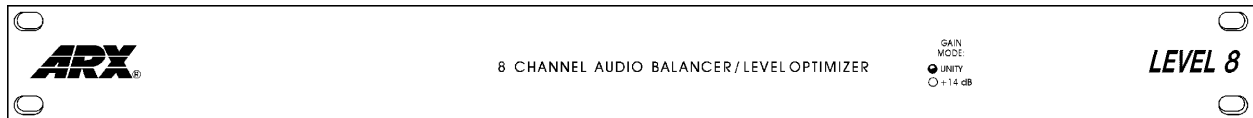


LEVEL 8

8 CHANNEL AUDIO BALANCER AND LEVEL OPTIMIZER



Innovation

Silently interfacing -10dB unbalanced consumer electronics with +4 dB Balanced professional equipment has always been a problem. Hum and noise generated by a mismatch at this point will be amplified throughout the studio, broadcast or live sound system.

But luckily it's a problem of the past, now that ARX introduces the LEVEL 8, an 8 channel audio balancer and level optimizer specifically designed to handle this critical task.

ARX's proprietary balancing circuits take the -10dB levels from CD players, cassette and tape players, DAT recorders, digital 8 track recorders, and effortlessly transform them into the balanced signals that all professional audio systems expect.

Inputs are unbalanced jack connectors, and outputs are industry standard balanced 3 pin XLR type.

A Gain Mode switch on the rear panel lets you select unity gain through the LEVEL 8, using it as a balancer only, or as a level optimizer as well, bringing the -10 dB levels up to +4 dB (14dB overall gain). Status LEDs on the front panel indicate which mode has been selected.

Housed in a rugged all steel chassis with extruded aluminium front panel, the ARX LEVEL 8 is the ideal professional engineer's tool for the critical task of impedance and level converting.

Applications

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

Specifications

- Input Impedance** 100K Unbalanced
- Input Headroom** +21dB
- Input Connector** ¼" Jack
- Output Impedance** 300 Ohms Balanced
- Output Level (max)** +26dB
- Output Connector** Male XLR, wired Pin 1 Gnd, Pin 2 + Hot, Pin 3 – Cold
- Frequency Response** 10Hz- 20KHz ± 0.25 dB
- Signal to Noise Ratio** -94dB unweighted
-100dB A weighted
- Distortion** .0025% THD, 0dB 1KHz
- Dynamic Range** 120dB
- Gain** 0dB Unity, mode switch out, 14dB mode switch in (-10dB to +4dB level matching)
- Power** 100-120/220-240 VAC 50/60Hz 8VA (8 watts) on 3 pin IEC connector with removable cable

Architectural Specifications

The unit shall be an 8 channel device that electronically converts unbalanced audio signals to balanced signals. A switch on the rear panel shall offer the option of unity gain or -10 dB to +4 dB level matching. It shall be mounted into a standard 1 RU all steel chassis with extruded aluminium front panel.

All Inputs shall be unbalanced jack connectors, wired Tip + (Hot), Sleeve Ground.

All Outputs shall be Balanced 3 pin XLR type, wired Pin 2 + (Hot), Pin 3 – (Cold), and Pin 1 Ground.

The Signal to Noise ratio shall be -94dB unweighted, and -100 dB A weighted.

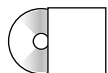
The Input impedance shall be 100 K Ohms, and the Output impedance shall be 300 ohms.

Maximum Input headroom shall be +21 dB, and maximum Output Level shall be +26 dB. THD shall be 0.025%, 0 dB @ 1KHz.

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

The unit shall be the ARX LEVEL 8

Specifications available on CD ROM



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