ADI-2

DUAL-CHANNEL ACTIVE DIRECT BOX

Description

The ADI-2 is a high-performance dual-channel active DI (Direct Injection) box designed for guitars, basses, keyboards, electronic instruments, and stereo audio sources. Equipped with a ultra-low-noise analog amplification circuit, it ensures pristine, transparent impedance matching and signal balancing when feeding signals into mixing consoles, audio interfaces, and professional PA systems.

The ADI-2 features two 1/4" inputs, two 1/4" parallel Thru outputs, and two balanced XLR outputs, making it versatile for both stage and studio applications. It operates entirely on +48V phantom power without the need for batteries. Comprehensive controls include a -15 dB input attenuation switch (PAD), an 80 Hz high-pass filter (HPF), a Ground Lift switch, and a side-mounted 180° polarity reverse switch for the right channel.

Features

- Dual-channel active direct box tailored for instruments, keyboards, and stereo sources
- Discrete low-noise analog circuitry provides exceptional signal integrity and wide dynamic range
- Dual 1/4" inputs, dual 1/4" Thru jacks, and dual balanced XLR outputs
- Powered by standard +48V phantom power (no internal batteries required)
- Equipped with -15 dB PAD, 80 Hz HPF, Ground Lift, and a Right-Channel 180° Polarity Reverse switch



Specifications

Circuit Type	Low-noise active analog circuitry
Channels	2 (Stereo / Dual Mono)
Frequency Response	20 Hz – 20 kHz
Dynamic Range	109 dB
Equivalent Noise Floor	-99 dBu (A-weighted)
Max Input Level	+10 dBu
Phase Deviation	+10° @ 20 Hz; 0° @ 1 kHz; -1° @ 20 kHz
Total Harmonic Distortion (THD)	0.002% @ -5 dBu
Input Impedance	220 kΩ
Output Impedance	150 Ω (Balanced XLR)
Switches & Filters	PAD (0 dB / -15 dB), HPF (-3 dB @ 80 Hz), Ground Lift, 180° Polarity Reverse (Right Ch only)
Input Connectors	2 × 1/4" (6.35 mm) TS jacks
Output Connectors	2 × 1/4" TS Thru, 2 × Male XLR Balanced
Power Requirement	+48V Phantom Power
Dimensions (L × W × H)	126 × 92 × 42 mm (4.96 × 3.62 × 1.65 in.)
Weight	753 g (26.56 oz)