



CLEANBox Pro Dual Channel Level Converter

Overview

The CLEANBoxPro provides two channels of unbalanced to balanced level conversion and two channels of balanced to unbalanced level conversion in a rugged, compact, and portable unit. Balanced lines offer increased immunity to external electrical noise, such as hum. Since a balanced system minimizes induced noise, it is the preferred method of connecting audio gear, especially when long lengths of cable are used. One section of the CLEANBoxPro converts two channels of consumer-level unbalanced input signals into two channels of pro line-level balanced output signals. It has two RCA jack inputs and a stereo mini-phone jack input connected in parallel. The balanced output feeds two XLR male jacks.

The other section of the CLEANBoxPro converts two channels of line-level balanced input signals into two channels of consumer unbalanced output signals. It has two XLR female input jacks. The unbalanced output feeds two RCA jacks and a stereo mini-phone jack connected in parallel. Each section has stereo level controls to optimize signal levels. An LED indicator lights when power is applied.

CLEANBoxPro Applications:

- Home or professional recording studios
- Live sound, PA, and permanent installs
- DJ, AV, and consumer HiFi
- Podcasting and broadcasting
- The CLEANBoxPro can be used with: mixers, audio processors, laptop computers, computer sound cards, CD/DVD players, video gaming machines, MP3 player/recorders, powered monitors and digital audio workstations



Key Features

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| <ul style="list-style-type: none"> ■ XLR connectors for balanced inputs and outputs ■ Stereo unbalanced output level control ■ Rugged extruded aluminum case ■ Comes with external power supply for operation with AC mains | <ul style="list-style-type: none"> ■ RCA phono jacks and stereo 1/8" mini-phone jacks for unbalanced inputs and outputs ■ Stereo balanced output level control ■ Lighted On/Off switch ■ Low noise, low distortion circuit |
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Specifications

Frequency Response	20Hz to 20kHz, +/-1 dB
Total Harmonic Distortion	<0.1% @ 1 kHz
Signal to Noise Ratio	> 90 dB
Input Impedance	Balanced – 20k Ω Unbalanced – 100 Ω
Maximum Gain	Balanced to Unbalanced: -6 dB Unbalanced to Balanced: +21 dB
Maximum Input Level	+21 dBu
Maximum Output Level	Balanced: +21dBu Unbalanced: +15dBu
Output Impedance	Balanced – 100 Ω Unbalanced – 300 Ω
Power Requirements	7.5-12 V AC/DC, <150 mA
Dimensions	1.85"H x 4.6"W x 4.3"D (47mm x 117mm x 109mm)
Weight	1.10 lbs (0.50 kg)