

Congratulations and thank you for your purchase of the ADB2 Active Direct Box. The ADB2 is intended for sending unbalanced signals (up to +40 dB) to a mixing console or other professional input device. The unit has no transformer, so stray field pickup is nonexistent. The ADB2 is powered by standard microphone phantom power from 9 - 48 VDC and uses discrete low-noise differential drivers to make it very quiet. The unit has two 1/4" input jacks wired in parallel, a male XLR output jack, a ground lift switch, and a three-position attenuator switch.

DESCRIPTION

INPUTS: Two 1/4" unbalanced jacks - wired together in parallel. For connection to line or instrument level signals.

OUTPUT: One male XLR jack for connection to mixing console or other input device carrying phantom power.

ATTENUATOR SWITCH: Decreases the input signal by the indicated amount. At 0 dB the signal is not attenuated, at the 20 and 40 dB settings, the signal is dropped by that amount.

GROUND LIFT: Removes the ground connection of the 1/4" and XLR jacks from the chassis ground.

ACTIVE LED: Indicates the unit is receiving phantom power.

INSTALLATION

In order for the ADB2 to function it must be connected to a microphone phantom power source with a balanced XLR cord. The input may be anything from a speaker source such as a music amplifier, VCR or projector, to an instrument such as a guitar or High-impedance microphone. Care should be taken not to overdrive the ADB2 or there will be a distorted sound from the unit. Use the lowest attenuator setting that gives distortion free sound. The ground lift switch should be in the position that yields the lowest noise.

WARRANTY

For information on the Rolls One Year Limited Warranty, and to register this product, visit our website at www.rolls.com

ADB2 Active Direct Box

- Uses standard 9 - 48 volt phantom power for supply
- Ground Lift for "hum" reduction
- Attenuator switch for connection to line level or speaker level signals

The ADB2 is an active direct box for converting a high impedance signal such as a direct out from a bass amplifier, to a low impedance signal such as a snake input and a mixer's microphone input. The Ground Lift is provided to reduce possible ground hum or buzz.

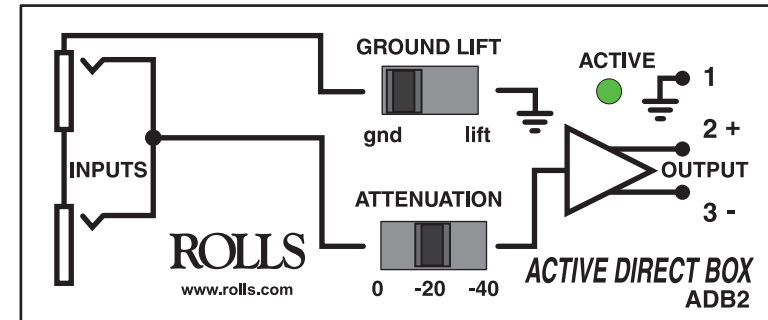
ADB2 Active Direct Box



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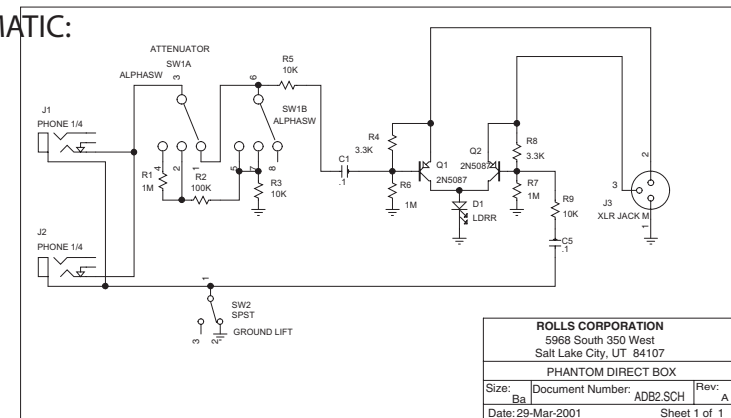
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SPECIFICATIONS

- Input Level:** -10 to +40 dB unbalanced
Output Level: -10 to +2 dB balanced XLR Male (pin 2 +)
Bandwidth: 1 Hz to 50 kHz
S/N Ratio: 100 dB
Jacks: (2) 1/4" phone, (1) XLR male
Controls: Attenuator switch, Ground Lift switch,
Power: 9 - 48 VDC Phantom Powered
Size: 2" x 3.5" x 5"

SCHEMATIC:



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PHANTOM DIRECT BOX		
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Quick Start Guide