

TradeTools CB1 Direct Box Installation Guide

TradeTools CB1 Direct Box

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CONTROLS

INPUT:

1/4" (6.3mm) phone jack accepts unbalanced signals from instrument or other source. Input impedance-greater than 180 kohm. Handles signals of up to +20 dBv at 20 Hz.
NOT RECOMMENDED FOR SPEAKER LEVEL USE.

LO-Z OUTPUT:

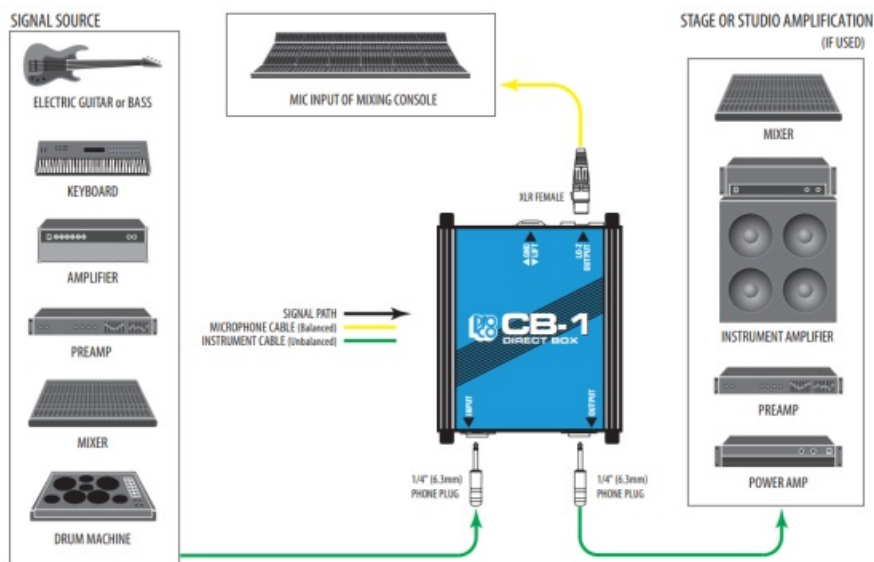
Male 3-pin XLR-type connector provides balanced floating low-impedance output (pin 2 hot). Connect to mixing board microphone channel input. Recommended load impedance: 1.0 kohm.

OUTPUT:

1/4" (6.3mm) phone jack provides "loop-through" (parallel) connection from input jack. Used when inserting CB-1 between instrument and amplifier.

GND/LIFT:

GND position connects INPUT and LO-Z OUTPUT grounds together. LIFT position "floats" LO-Z OUTPUT. Used to reduce hum and buzz by eliminating ground loops and providing proper grounding for various conditions.



TYPICAL CONTROL SETTINGS

TYPE OF INPUT SOURCE	SWITCH SETTINGS	STAGE/STUDIO AMP CONNECTED TO OUTPUT (1)
Electric Guitar/Bass, Some Older Keyboards, Some Effects Pedals	GND(2)	NO
	LIFT	YES
Keyboards, Drum Machines, Drum Synths, Preamp/Line Outputs of Mixers or Amplifiers, Effects Units	LIFT	NO
	LIFT	YES

NOTES ON CONTROL SETTINGS

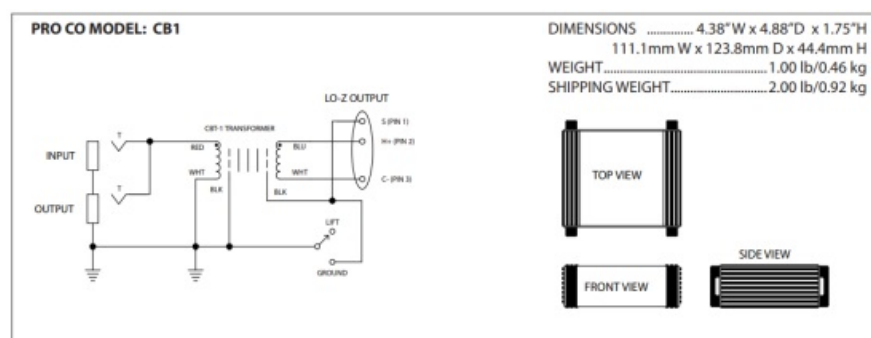
1. LO-Z OUTPUT is connected to microphone input of house P.A. mixer or recording console.
2. GND/LIFT switch settings assume the mixer is also the central ground reference point for the system.

For safety reasons all equipment should be equipped with 3-wire AC power cords and plugged into properly grounded receptacles.

Use of the GND/LIFT switch should minimize hum and buzz.

If GND/LIFT switch seems non-functional, check wiring of cable plugged into the LO-Z OUTPUT. A cable with a jumper between pin 1 and the connector shell will defeat the GND/LIFT switch.

CIRCUIT DIAGRAM



Documents / Resources

 The diagram shows the installation setup for the TradeTools CB1 Direct Box. It includes a 'CONTROLS' section with a list of components: 1. TradeTools CB1 Direct Box, 2. TradeTools CB1, 3. TradeTools Direct Box, 4. TradeTools Box. The diagram illustrates the connections between these components, including power, data, and control lines. The 'CONTROLS' section also lists the following items: 1. TradeTools CB1 Direct Box, 2. TradeTools CB1, 3. TradeTools Direct Box, 4. TradeTools Box. The diagram is titled 'INSTALLATION' and includes a 'CONTROLS' section.	<p>TradeTools CB1 Direct Box [pdf] Installation Guide CB1 Direct Box, CB1, Direct Box, Box</p>
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References

-  [ProCo Sound](#)
- [User Manual](#)

Manuals-. [Privacy Policy](#)

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