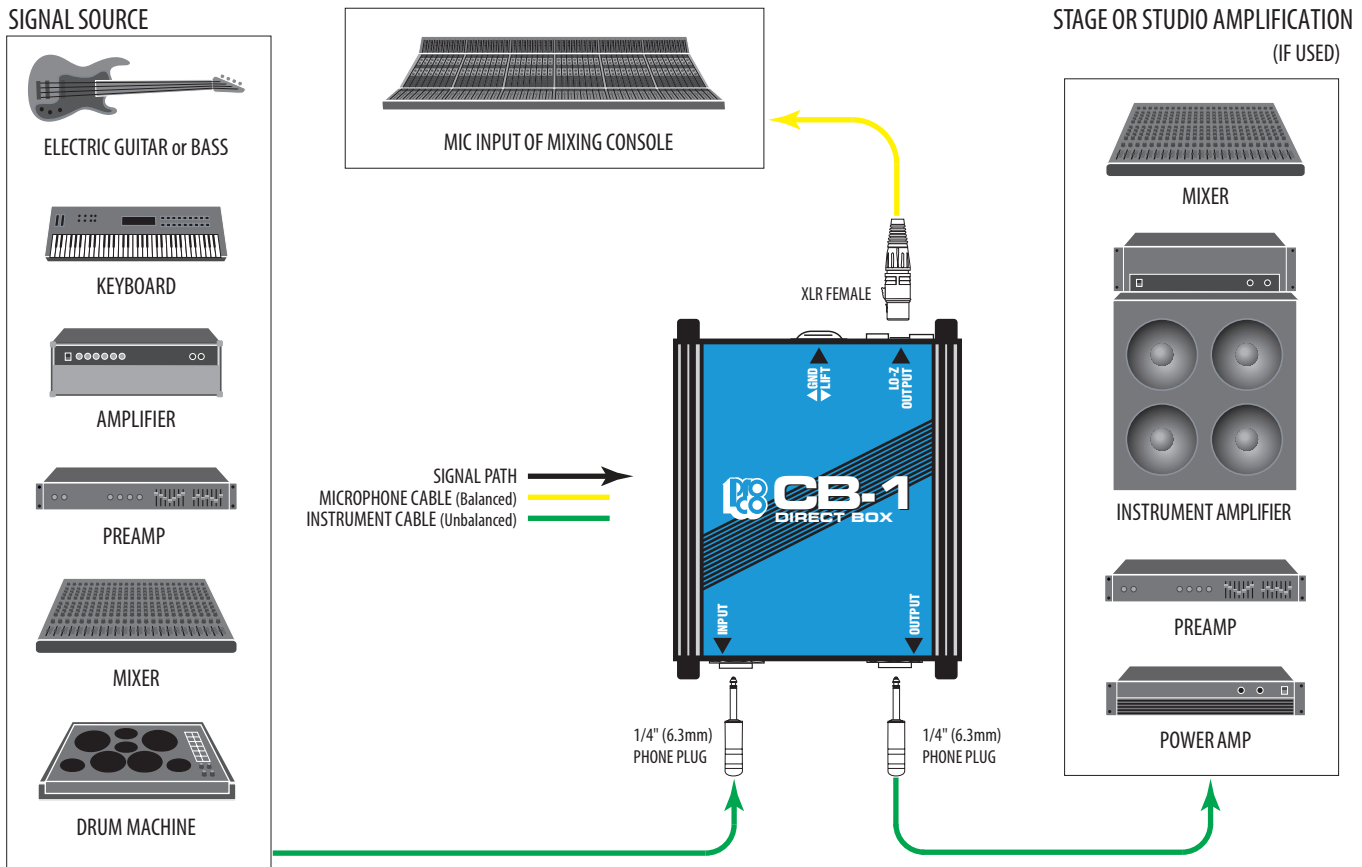


APPLICATION INFORMATION



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.

OUTPUT:

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

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.

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:

- LO-Z OUTPUT is connected to microphone input of house P.A. mixer or recording console.
- 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:

PRO CO MODEL: CB1

DIMENSIONS 4.38" W x 4.88" D x 1.75" H
111.1mm W x 123.8mm D x 44.4mm H

WEIGHT..... 1.00 lb/0.46 kg

SHIPPING WEIGHT..... 2.00 lb/0.92 kg

Other TradeTools™ Products from Pro Co

- AV1A Audio/Video Interface Unit
- AVP1 Wallplate Format Audio/Video Interface Unit
- AVP1V Wallplate Format Audio/Video Interface Unit with Input Level Control
- DB1 Professional Direct Box
- DB2 Professional Stereo Direct Box
- DB4A Rackmount Quad Direct Box
- DBA1 Professional Active Direct Box
- HJ4P Professional Stereo headphone Junction Box
- HJ6 Headphone Junction Box
- iFace Portable Audio Player Interface
- iGate Universal Audio Gateway
- iPlate Wallplate Format Portable Audio Player Interface
- iRack Rackmount Portable Audio Player Interface
- IT1 Isolation Transformer Unit

- IT4A Rackmount Quad Isolation Transformer Unit
- IT8A Rackmount 8-ch. Isolation Transformer Unit
- LS82 Rackmount 8-ch. 1:2 Line Level Splitter
- MC2 Microphone Combiner
- MS2 1:2 Microphone Splitter
- MS3 1:3 Microphone Splitter
- MS42A Rackmount Quad 1:2 Microphone Splitter
- MS43A Rackmount Quad 1:3 Microphone Splitter
- MS82 Rackmount 8-ch. 1:2 Microphone Splitter
- MS82P Rackmount 8-ch. 1:2 Phantom Power Microphone Splitter
- MS83 Rackmount 8-ch. 1:3 Microphone Splitter
- MS83P Rackmount 8-ch. 1:3 Phantom Power Microphone Splitter
- RA1 Reamping Box

... plus our full line of audio cabling, snakes!



Pro Co Sound
225 Parsons Street | Kalamazoo, MI 49007
800-253-7360

» www.procosound.com