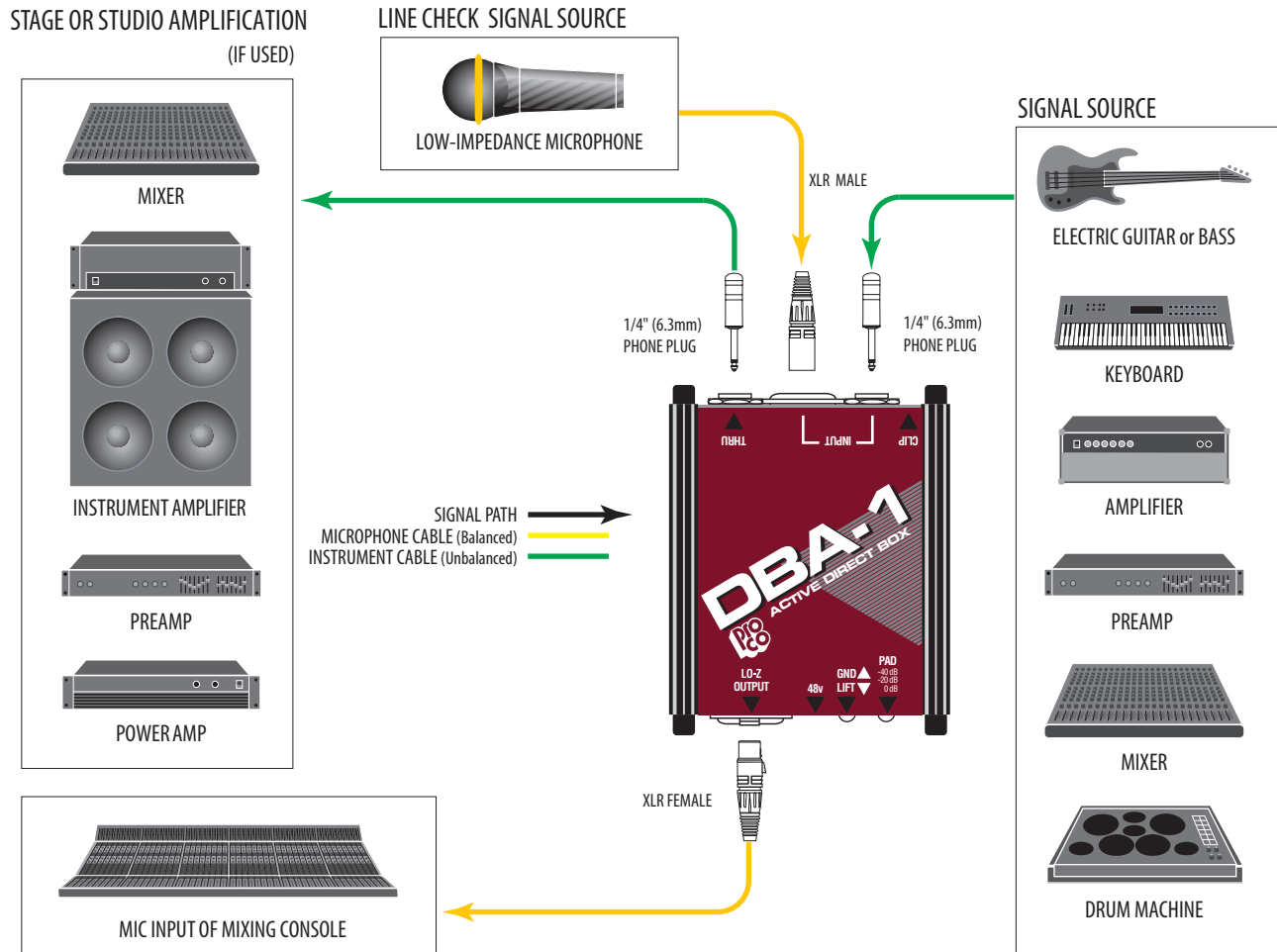


APPLICATION INFORMATION



**CONTROLS:**

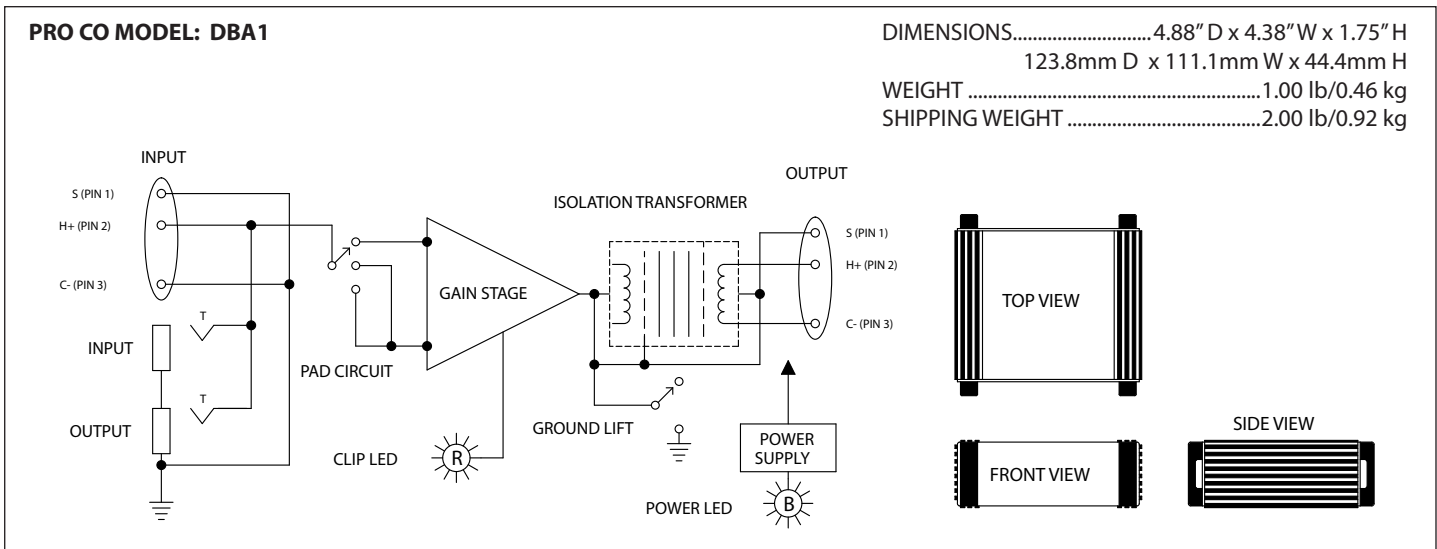
- CLIP INDICATOR:** A red LED that illuminates if the input signal reaches 11.5dBu.
- PHANTOM POWER INDICATOR:** A blue LED that illuminates to indicate the presence of phantom power at the low impedance output
- INPUTS:** 1/4" (6.3mm) phone jack accepts signals from instrument or other source. Female XLR, pin 1 and 3 tied in an unbalanced configuration
- OUTPUTS:** 1/4" (6.3mm) phone jack provides "loop-through" (parallel) connection from input jack. Used when inserting DBA1 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.
- 0/20/40 dB PAD:** A two step pad switch providing 20dB of attenuation at each step for a total of 40dB of attenuation maximum.
- 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.

## 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:



### 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  
 Switch Witch Powered Monitor Selector

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