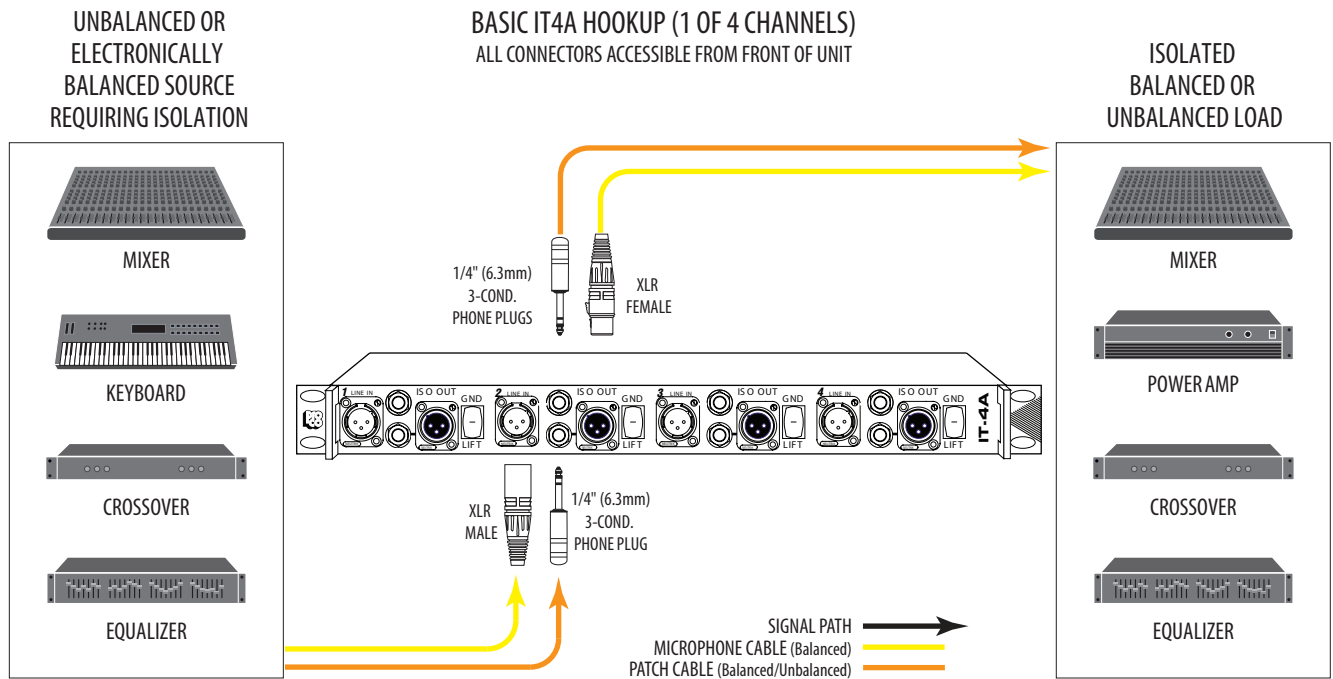


APPLICATION INFORMATION



**CONTROLS:**

**LINE IN:**

Female 3-pin XLR-type connector or 3-conductor 1/4" (6.3mm) phone jack accepts signal from low-impedance (0 ohm nominal) line-level source. Input impedance (with 600 ohm load on ISO OUT): approx. 680 ohm.

**ISO OUT:**

Male 3-pin XLR-type connector or 3-conductor 1/4" (6.3mm) phone jack provides floating transformer-isolated low-impedance output to feed line-level input. Recommended load impedance: 600 ohm.

**GND/LIFT:**

GND position connects pin 1 (and jack sleeve) of LINE IN to pin 1 (and jack sleeve) of ISO OUT. LIFT position "floats" ISO OUT. Used to reduce hum and buzz by eliminating ground loops and providing proper grounding for various conditions.

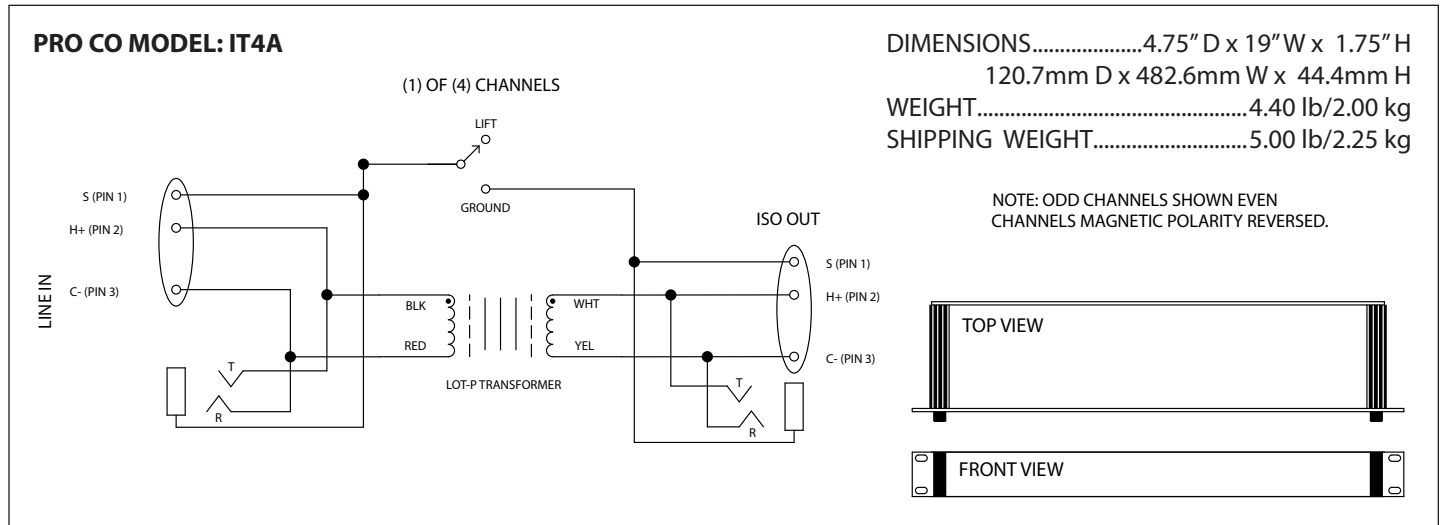
## NOTES:

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

If all mixers are grounded properly, GND/LIFT switches should be set in the LIFT position for minimum hum and buzz. If this setting does not minimize hum and buzz, it may be indicative of poor grounding quality or improperly wired AC receptacles. Such conditions may be hazardous and should be investigated.

If a GND/LIFT switch seems non-functional, check the wiring of all mic cables plugged into the unit. Cables with a jumper between pin 1 and the connector shell can defeat the GND/LIFT switches.

## 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  
 CB1 Direct Box  
 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!