

## Direct Boxes



**DB4A  
Quad Direct  
Box**

4-channel professional quality passive direct box for connection of unbalanced musical instruments and line-level sources to low-Z balanced microphone inputs for PA or recording. Each channel features 1 front-panel and 2 rear-panel 1/4" (6.35mm) jacks for input or parallel output, switches for line-level attenuation and ground lift, and front-panel male XLR-type output. Uses Pro Co DBT-1 transformers (20k/150W).



**DB1  
Professional  
Direct Box**

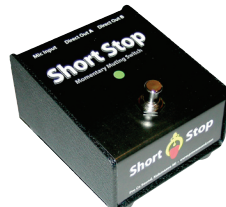
Professional quality passive direct box for connection of unbalanced musical instruments, line-level sources, and guitar amplifier outputs to low-Z balanced microphone input for PA or recording. 1/4" (6.35mm) input (with parallel 1/4" output). Switches for speaker/line-level attenuation, high-cut filter, and ground lift. Male XLR-type balanced mic-level output. Uses Pro Co DBT-1 transformer (20k/150W).



**CB1  
Passive Direct  
Box**

Passive direct box for connection of unbalanced musical instruments and line level sources to low-Z balanced microphone input for PA or recording. Not recommended for speaker-level use. 1/4" (6.35mm) input (with parallel 1/4" output). Switch for ground lift. Male XLR-type balanced mic-level output. Uses Pro Co CBT-1 transformer (20k/150W).

## Cough Drops



**SHORT STOP  
Momentary  
Muting Switch**

Momentary foot switch that allows the operator to temporarily mute a microphone. Can also be used as a hand-operated unit. Selection switch for dynamic or condenser microphones.



**SIGN OFF  
Latching  
Muting Switch**

Latching foot switch that allows the operator to turn a microphone on or off at the press of a button. Selection switch for dynamic or condenser microphones. Great for any entertainer who wants a latching rather than momentary mute switch (e.g. singing drummers).



**POWER MUTE  
Selectable  
Muting Switch**

An active Cough Drop that is selectable as either a momentary (press to mute or press to talk) or latching (mic on/mic off) muting switch. Built-in status indicator light. AC power supply is included.



**PANIC BUTTON**

Allows entertainers to switch the microphone signal path from front-of-house to backstage or an alternate location. The A/B switch also allows the unit to be used as a muting switch. Built-in status indicator light. AC power supply is included.

## Audio/Video Interface



**AV1A  
Audio/Video  
Interface**

For connection of film projectors, tape recorders, and computers to standard low-Z balanced microphone input of public address system. RCA, 1/4" stereo (6.35mm) and stereo mini-jack (3.5mm) inputs. Male XLR-type balanced mic-level output and unbalanced 1/4" line-level output. Switches for high/low level attenuation, 16 W load, and ground lift. Uses Pro Co DBT-1 transformer (20k/150 W).



**AVP1  
Wallplate  
Audio/Video  
Interface**

Interface projectors or tape machines to standard LO-Z microphone inputs on P.A. systems. Use this where a wallplate is preferable. Available in Black, Stainless Steel or Brass.



**AVP1V  
Wallplate  
Audio/Video  
Interface**

Interface projectors or tape machines to standard LO-Z microphone inputs on P.A. systems. Includes variable input level control.

## Signal Isolation



**IT4A  
4-Channel  
Isolation  
Transformer  
Unit**

For balancing and isolation of line-level outputs from mixers, equalizers, crossovers, and other equipment. 4 channels, each with 1/4" (6.35mm) T/R/S and female XLR-type input, and 1/4" T/R/S and male XLR-type isolated output with ground lift switch. Uses Pro Co LOT-1 transformers (600W 1:1).



**IT1  
Isolation  
Transformer  
Unit**

For balancing and isolation of line-level outputs from mixers, equalizers, crossovers, and other equipment. 1/4" (6.35mm) T/R/S and female XLR-type input (with parallel 1/4" and male XLR-type output). 1/4" T/R/S and male XLR-type transformer isolated outputs with ground lift switch. Uses Pro Co LOT-1 transformer (600W 1:1).

## Headphone Junction Boxes



**HJ4P  
Professional  
Headphone  
Distribution  
Box**

For distribution and control of audio signals from stereo power amplifiers to up to four sets of 150 - 600Ω stereo headphones. XLR-type input and Loop Out. LEFT/RIGHT Switch selects one of 2 mono mixes. Mil-spec left and right volume controls.



**HJ6  
Headphone  
Distribution  
Box**

For distribution and control of audio signals from stereo power amplifiers to up to six sets of 150 - 600Ω stereo headphones. Inputs for left, right, mono, and stereo signals.

## Monitor Speaker Selector



**SWITCH WITCH  
Powered  
Monitor  
Selector**

A simple, effective line level speaker switcher that allows the user to select up to four pairs of speakers from a single balanced stereo line level source. All ins and outs are balanced on XLR connectors.

## Microphone Combiner



**MC2  
Microphone  
Splitter**

For combining the signals from 2 low-Z balanced microphones to 1 mixer input. 2 female XLR-type inputs (one with polarity reverse switch). Male XLR-type isolated output.  
Uses Pro Co MBT-2 transformer (150W 1:1:1).

## Microphone Splitter



**MS42A**

4 channels 1-in, 1-isolated, 1-direct outputs  
Use to split LO-Z microphones to two mixer inputs. Handy four channel unit in one rack space with all connectors on one side.



**MS43A**

4 channels 1-in, 2-isolated, 1-direct outputs  
Use to split LO-Z microphones to three mixer inputs. Handy four channel unit in one rack space.



**MS82**

8 channels 1-in, 1-isolated, 1-direct outputs, I/O via Phoenix Combo-Con™  
Use to split LO-Z microphones to two mixer inputs. Handy eight channel unit in one rack space with I/O via Phoenix Combo-Con barriers.



**MS82P**

8 channels 1-in, 1-isolated, 1-direct outputs, I/O via Phoenix Combo-Con™  
Use to split LO-Z microphones to two mixer inputs. Handy eight channel unit in one rack space with I/O via Phoenix Combo-Con barriers. Includes internal phantom power bus. (PPS48 Phantom Power Supply not included).



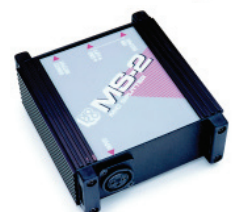
**MS83**

8 channels 1-in, 2-isolated, 1-direct outputs, I/O via Phoenix Combo-Con™  
Use to split LO-Z microphones to three mixer inputs. Handy eight channel unit in one rack space with I/O via Phoenix Combo-Con barriers.



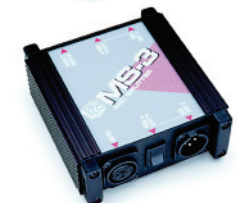
**MS83P**

8 channels 1-in, 2-isolated, 1-direct outputs, I/O via Phoenix Combo-Con™  
Use to split LO-Z microphones to three mixer inputs. Handy eight channel unit in one rack space with I/O via Phoenix Combo-Con barriers. Includes internal phantom power bus. (PPS48 Phantom Power Supply not included).



**MS-2  
1-into-2  
Microphone  
Splitter**

For splitting the signal from a low-Z balanced microphone between 2 mixers. Female XLR-type input. 2 male XLR-type outputs (Direct and Isolated). Isolated output has ground lift switch.  
Uses Pro Co MBT-1 transformer (150W 1:1).



**MS-3  
1-into-3  
Microphone  
Splitter**

For splitting the signal from a low-Z balanced microphone between 3 mixers. Female XLR-type input. 3 male XLR-type outputs (1 Direct and 2 Isolated). Isolated outputs have ground lift switches.  
Uses Pro Co MBT-2 transformer (150W 1:1:1).

## Line Level Splitter



**LS82  
Line Level  
Splitter**

8 channels 1-isolated, 1-direct output, 1-isolated out, 1-direct out, I/O via Phoenix Combo-Con™. Use to split, balance, and isolate line level outputs to one or two line level inputs. Eight channels in one rack space unit.  
Uses Pro Co Lot-1 transformer (600W 1:1).

## Portable Audio Player Interface



**iFace  
Professional  
Portable Audio  
Player Interface**

Properly interfaces consumer-grade portable audio players and laptop computers to professional sound systems. Stereo mini (1/8") input jack and individual RCA (phono) left and right input jacks are provided. Transformer-isolated XLR male output jacks provided. Stereo/mono switch sums inputs to create a true stereo output or a mono audio output feed from either XLR connector.



**iPlate  
Professional  
Portable Audio  
Player Interface**

Convenient connection point for MP3 players and laptop computers to house sound systems. Ideal for application in meeting rooms and churches. Transformer-isolated to solve grounding problems, stereo line inputs mixed to single mic-level mono feed, and barrier strip output connection for easy installation.



**iRack  
Professional  
Portable Audio  
Player Interface**

Standard 1-space rack panel Portable Audio Player Interface device that allows the -10 dBV line-level audio outputs of MP3 players (such as the Apple® iPod®), laptop (or desktop) computers, and CD/DVD players to be connected to a microphone input of a house P.A. system. Transformer-isolated to solve grounding problems, stereo line inputs mixed to single mic-level mono feed, and barrier strip output connection for easy installation.



**iY  
Portable Audio  
Player Interface**

Designed as an inexpensive method to "Y" the stereo mini jack output signal of unbalanced boom boxes and MP3 players to two mic/line input channels on a professional mixing console via male XLR connectors.

## Kwik Fixers

### ITX Series Inline Transformers



ITX is a compact custom-made audio isolation transformer providing a floating XLR-type output from an unbalanced source in a convenient package. Female XLR-type input. Male XLR-type output. Usable for 600W 1:1. **ITX-Q** is the same as ITX, but with a 1/4" (6.35mm) phone plug input. Male XLR-type output. Tip wired in-phase with pin-2. Usable for 600W 1:1. **ITX-BQ** is the same as ITX, but with a 1/4" T/R/S phone plug input. Male XLR-type output. Tip wired in-phase with pin-2. Usable for 600W 1:1.

### 9144PC Inline Transformer



Converts low-Z microphone to high-Z input for connecting a low-Z microphone to a high-Z PA input. Female XLR-type input. 1/4" (6.35mm) phone plug output. Uses 150W/150W transformer.

### PRX Polarity Reverser



May be used to prevent out-of-phase cancellation and can be used to create special stereo effects. Pins 2 and 3 are cross-wired. Pin 1 is carried through. Female XLR-type input. Male XLR-type output.

### Wiretap



The Wiretap is a male to female inline XLR connector (cigar) that ties pins 1, 2 and 3 on the XLR connector to a 4-terminal Phoenix combo-con connector. This provides technicians an immediate and easy-to-connect-to diagnostic point for use in testing audio systems once they have been installed. This allows any audio tester to be connected into a balanced XLR line without the time consuming mess that always seems to accompany such endeavors. The 4th terminal breaks ground if needed for testing purposes. Solves a multitude of "how to get at the signal" problems.

### Max Series Microphone Attenuators



Female XLR-type input. Male XLR-type output. For low-Z (150W) microphones. **MAX-10** provides 10 dB attenuation (pad). **MAX-20** provides 20 dB attenuation (pad). **MAX-30** provides 30 dB attenuation (pad).

### GLX Ground Lifter



Helps to eliminate PA/recording system hum and buzz. Pins 2 and 3 are carried through, Pin 1 is not. Female XLR-type input. Male XLR-type output.

### LMX Adapter/ Attenuator



Converts low-Z XLR-type microphone input to bridging 1/4" (6.35mm) line-level input. Allows low-Z XLR-type inputs to be used as line-level inputs (typically from unbalanced keyboards) to eliminate "de-normalizing" of tape signals and excessive patching. 1/4" T/R/S jack input. Male XLR-type output.

**Only Pro Co gives you the "Any Excuse - Even Abuse" Warranty**  
All Trade Tools™ Products - 5 Year limited  
Made in the USA

