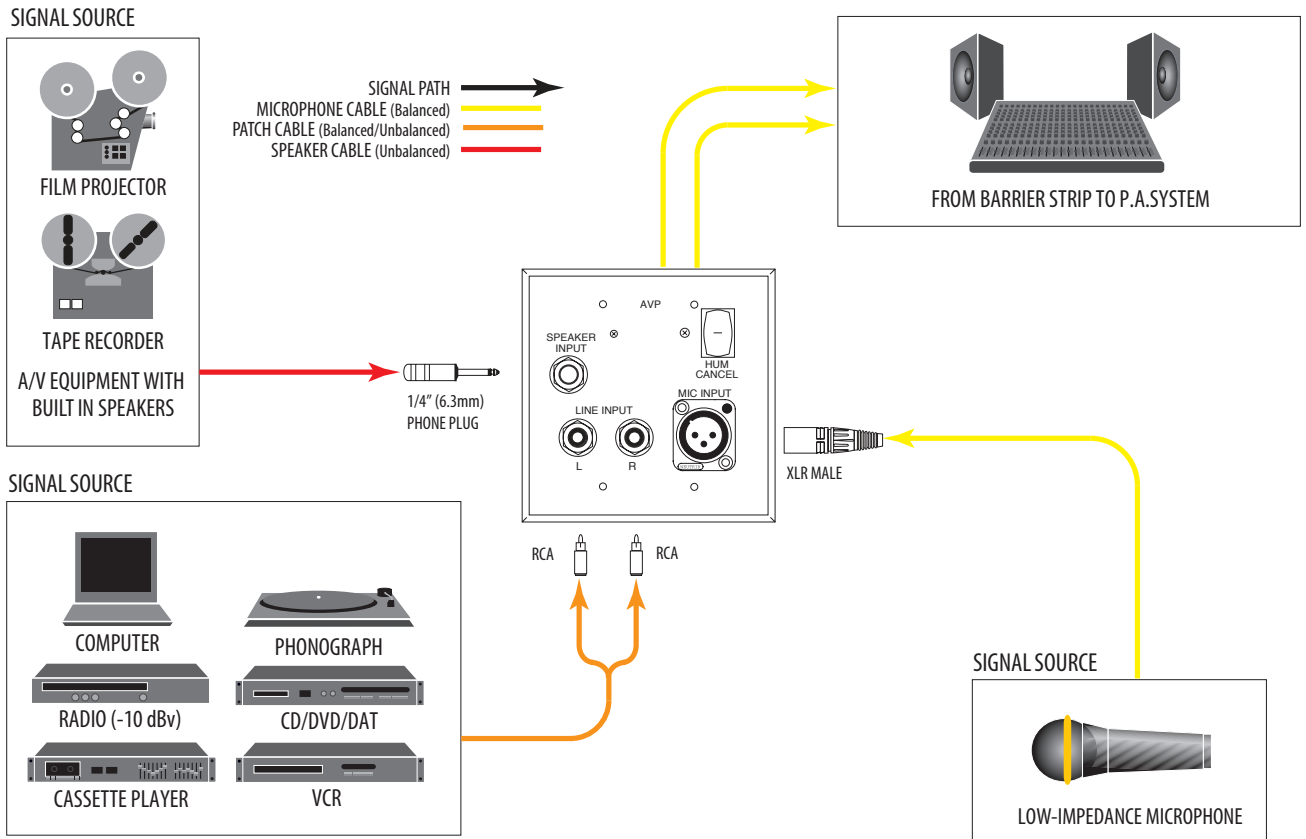


APPLICATION INFORMATION



CONTROLS:

SPEAKER INPUT:

1/4" 3-conductor phone jack, wired for use with standard 2-conductor plug, accepts signals from unbalanced line level or speaker-level sources such as phonographs, audio and video tape recorders and movie projectors. Has 16-ohm, 5-watt dummy load, 20 dB attenuator network, and low-pass filter (-3 dB @ 8 kHz, 6 dB/octave). Input impedance: approx. 16 ohm.

LINE INPUT L/R:

RCA phono jacks, resistively mixed to monaural, for signals from nominal -10 dBV sources such as radio, cassette or VCR outputs. Input impedance: approx. 4 kohm.

MIC INPUT:

Female 3-pin XLR-type connector provides independent microphone input (brought out to output barrier strip) for announcer, lecturer, etc.

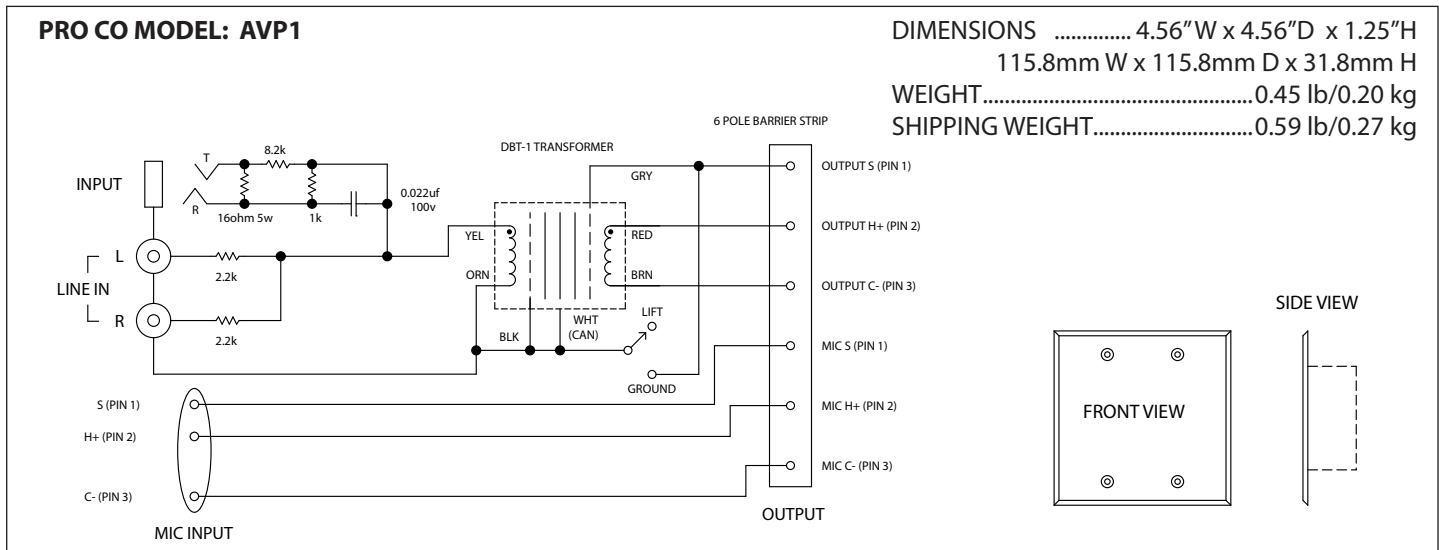
HUM CANCEL:

Ground-lift switch, used to reduce hum and buzz by eliminating ground loops and providing proper grounding for various conditions. Breaks connection between input and output shields.

NOTES:

1. SPEAKER INPUT uses 3-conductor jack to switch 16-ohm resistor, 20 dB attenuator and 8 kHz low-pass filter into circuit. Do not use 3-conductor ("stereo") plugs or plugs with long tip/sleeve insulators (such as Switchcraft #288).
2. It is suggested that volume controls on source equipment be set at the halfway position. A typical output of approx. 1 watt into a 16 ohm load (approx. 4 v RMS) is assumed. **It is strongly suggested that the volume control for the PA system be kept at a low setting when connecting the AVP-1 and setting initial levels to avoid possible damage to loudspeakers.**
3. LINE IN level is nominally -10 dBV (300 mV). Use of both jacks for resistive mixing of two low-impedance sources will cause 6 dB of signal loss (in addition to the transformer step-down/insertion loss).
4. HUM CANCEL position is typically used when connecting sources with 3-wire grounded AC line cords, assuming that the PA system is properly grounded. For safety reasons all equipment with 3-wire AC line cords should be connected to properly grounded receptacles. Note that HUM CANCEL switch does not affect MIC IN connector as it is an independent circuit.

CIRCUIT DIAGRAM:



Other TradeTools™ Products from Pro Co

AV1A Audio/Video Interface Unit
 AVP1V Wallplate Format Audio/Video Interface Unit with Input Level Control
 CB-1 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!