



On Stage
with
the Best

TradeTools Switch Witch

POWERED MONITOR SELECTOR

FEATURES:

- » For Studio Systems or Sound Reinforcement
- » Select up to Four Pairs of Speakers from a Single Balanced Stereo Line-level Source
- » XLR Connector Inputs and Outputs
- » Rugged Mini Toggle Switch Selectors
- » Uni-box Enclosure for Protection and Shielding



REAR PANEL OF UNIT

DESCRIPTION:

The Pro Co TradeTools Switch Witch is designed to allow the user to select up to four pairs of speakers from a single balanced stereo line-level source. The Switch Witch is particularly useful in studio remix applications where two or more pairs of self-powered nearfield monitor speakers are being used for comparison purposes. Switch Witch can also function as a speaker zone box, controlling signal in up to four separate areas of a facility

Two female XLR connectors located on the rear panel are labelled INPUT L and R. These provide left and right input connections for the balanced stereo line-level source. Four pairs of male XLR connectors labelled L and R OUT 1 through 4 are also located on the rear panel. They provide output connections for up to four powered monitor speaker pairs.

Speaker selection is accomplished through the use of four (4) 4PDT miniature toggle switched located on the front panel of the unit. The toggle switched can be used to allow any individual output or combination of outputs to be fed from the stereo input.

The rugged 16-gauge steel and aluminum "Uni-box" rack-mount enclosure is finished in a durable black texture powder coat finish with black anodized aluminum side channels. The front and rear panels feature easy-to-read laser-etched control graphics. The Switch Witch can be mounted in any standard 19" (482.6mm) rack. Top-quality connectors and switches provide trouble-free service even in abusive situations such as remote broadcast and recording operations.

ENGINEERING SPECIFICATIONS:

The line level selector unit suitable for the connection of four (4) balanced stereo pairs of powered monitor speakers to the outputs of a balanced stereo line-level source. The selector unit has two (2) female XLR connectors for connection to the line source and eight (8) male XLR connectors for connection to the powered monitors. All three (3) pin XLR connectors will be located on the rear panel and shall be wired with pin 2 "hot" or in phase with respect to the input, and pin 3 "cold" or anti-phase. The pin 1 "ground" of the male XLR connectors (outputs) are bussed together with all of the associated pin 1 "grounds" of the female XLR connectors (inputs) in its circuit, either left or right. The switching is accomplished using four (4) 4PDT miniature toggle switches, located on the front panel of the unit, allowing any individual output or combination of the outputs to be fed from the stereo input.

The enclosure is constructed in the Pro Co "Unibox" design and conforms to EIC rack standards for a single rack space unit. The enclosure shall be constructed using 16-gauge steel black zinc finish top and bottom plates, black anodized aluminum front and back plates and black anodized aluminum extruded side channels. Control functions are identified by laser engraving of the front and back panels of the enclosure. The enclosure is provided with two (2) miniature handles on the front panel. The dimensions of the unit are approximately 4-3/4" D by 19" W by 1-3/4" H (120.7mm D X 482.6mm W X 44.5mm H)

The line level selector unit shall be a Pro Co Trade Tools Switch Witch™ powered monitor selector.

CONTROLS:

L/R INPUT: Female 3-pin XLR-type connectors accept "left" and "right" signal from a single balanced stereo line-level source.

OUTPUTS ON/OFF: Four (4) 4PDT miniature toggle switches, located on the front panel of the unit, allow any individual output or combination of the outputs to be fed from the stereo input.

L/R OUTS: Male 3-pin XLR-type connectors provide "right" and "left" channel connection for to up to four (4) balanced stereo pairs of powered monitor speakers.

NOTES FOR HOOK UP:

- The unit is not intended for microphone level switching. Such use can cause damage to your system**

