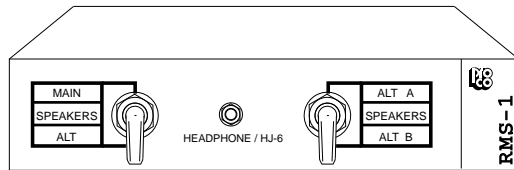


PRO CO MULTIFACE™ SERIES MODEL RMS-1A

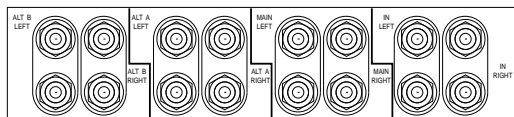
RMS-1A

FEATURES

MONITOR SELECTOR



FRONT OF UNIT



BACK OF UNIT

- Routes Outputs of Stereo Amplifier to One of Three Pairs of Speakers
- Switches up to 1800 Watts
- "A-B" Comparison Between Two Pair of Speakers
- Rugged, Black-Epoxy-Painted Steel Chassis

DESCRIP-

Designed with the small recording studio in mind, the Pro Co RMS-1A is a stereo speaker selector ideally suited to the use of "nearfield" monitors or headphones in addition to large main speakers, all selectively driven from a single power amp.

The RMS-1A routes the outputs of a stereo amplifier to one of three pairs of speakers. The switching logic allows fast and easy "A-B" comparison between any two pairs of speakers desired. The heavy-duty toggle switches safely carry loads as high as 1800 watts.

The rugged, black-epoxy-painted steel chassis is perfect for free-standing use or custom installations. All inputs and outputs are via standard color-coded 5-way binding posts, allowing the connection of spade lugs, banana plugs or stripped wire ends for cabling from amplifiers and speakers.

In addition, the ALT B outputs are wired through a standard 1/4" (6.3mm) stereo jack for easy connection of a Pro Co HJ-6 Headphone Junction Box using a single cable. This is especially useful in personal studios where the "control room" doubles as the "vocal booth"!

CONTROLS

IN:
5-way binding posts accept signal from power amplifier outputs, with red posts nominally "hot", black posts "cold". Standard 3/4" center spacing permits use of single or dual banana plugs, spade lugs (1/4" (6.3mm) stud size), or stripped and twisted wire ends (maximum recommended conductor size 12 AWG).

MAIN, ALT A, ALT B:
5-way binding posts for connection to speakers.

HEADPHONES/HJ-6:
Stereo 1/4" (6.3mm) jack for connection to Pro Co HJ-6 Headphone Junction Box using cable with stereo phone plugs. Jack is wired in series with ALT B binding posts; ALT B speakers are disconnected when plug is inserted, and amplifier is switched to headphones instead of ALT B speakers.
Direct connection of headphones is not recommended.

MAIN/ALT:
Switches amplifier outputs from main speakers to ALT speakers selected by ALT A/ALT B switch.

ALT A/ALT B:
Switches amplifier outputs between ALT speakers (or between ALT A and HEADPHONES/HJ-6 jack) when MAIN/ALT switch is in ALT position.



PRO CO MODEL RMS-1A MONITOR SELECTOR

TYPICAL PERFORMANCE

POWER HANDLING:
 1800 watts at 8 ohms.
 900 watts at 4 ohms.
 450 watts at 2 ohms.

(Switches and binding posts rated at 15A 125 VAC. ALT B power handling limited by HEADPHONE/HJ-6 jack shunt contacts to 500mW.)

ENGINEERING SPECIFICATIONS

The loudspeaker selector unit shall be suitable for the connection of three (3) stereo pairs of loudspeakers to the outputs of a stereo power amplifier. The selector unit shall have two (2) sets of 5-way binding posts for connection to the amplifier and six (6) sets of 5-way binding posts for connection to the speakers. The binding posts shall be suitable for connection from single or dual banana plugs, 1/4" (6.3mm) stud spade lugs or stripped 12 AWG conductors. The binding posts shall be color-coded with red nominally "hot" and black nominally "cold". The selector unit shall incorporate two (2) 4PDT toggle switches rated for 15A 125VAC. One switch shall select between the main and selected alternate speaker pairs. The other switch shall select between the two pairs of alternate speakers. There shall be a 3-Conductor 1/4" (6.3mm) stereo phone jack for connection to a headphone junction box wired in series with one set of alternate speaker binding posts.

The enclosure shall be formed of 16 gauge steel. It shall be painted with black semigloss epoxy paint, and the controls and connectors shall be identified with white epoxy silkscreening. The enclosure shall be provided with four (4) non-conductive feet. The dimensions of the unit shall be approximately 4-1/2" D by 8-5/8" W by 1-3/4" H (102.1mm D X 219.1mm W X 26.15mm H).

The loudspeaker selector unit shall be a Pro Co RMS-1A Reference Monitor Selector.

