

IW-101

"A" / "B" Selector Switch



PRO-WIRE.

Specifications	Available Colors:
Power Handling: 100W with 8 ohm speakers 50W with 4 ohm speakers	White: IW-101 Almond: IW-101 a Ivory: IW-101 i
Mounting Dimensions: Depth: 2.25" (57mm) Height: 2.4" (61mm) Width: 1" (25mm)	Overall Dimensions: Depth: 2.9" (74mm) Height: 4.1" (104mm) Width: 1.4" (36mm)
Wire & Wiring Notes:	
18 gauge wire is the minimum recommended size. For runs in excess of 100 feet it is best to use 16 gauge or larger.	
Strip ¼" off each wire. Ensure that all strands are twisted together and inserted into respective terminals. It is best to re-install the wire if stray strands are apparent, though trimming them may also work. Stray strands can bridge circuits, which can damage the switch and the electronics that are connected to the switch.	
Perform an initial functional test at low volume levels to prevent damage to the switch and other electronics.	
Always observe the correct polarity (+ to +) and (- to -) for all connections.	
Precautions When Using Multiple Speakers	
Because most amplifiers are designed to operate between 4 and 8 ohms an impedance compensating device should be used when using more than two pair of 8 ohm speakers. Your OEM Systems dealer has Impedance Matching Volume Controls available for this purpose.	
Contact OEM Systems Co. or your dealer if you have questions about how to best configure your system.	

Figure 1 2 Source switching to 1 pair of speakers

Wiring Directions:

- Connect the LEFT & RIGHT speakers to the OUTPUT terminals of the IW-101, (L+ L- R+ R-).
- Connect the LEFT & RIGHT Channel Outputs of "Amplifier A" to terminals A+ and A- of the LEFT INPUT and RIGHT INPUT of the IW- 101. **Note: The LEFT and RIGHT channel inputs are on opposite sides of the OUTPUT terminals.**
- Connect the LEFT & RIGHT Channel Outputs of "Amplifier B" to terminals B+ and B- of the LEFT INPUT and RIGHT INPUT of the IW-101

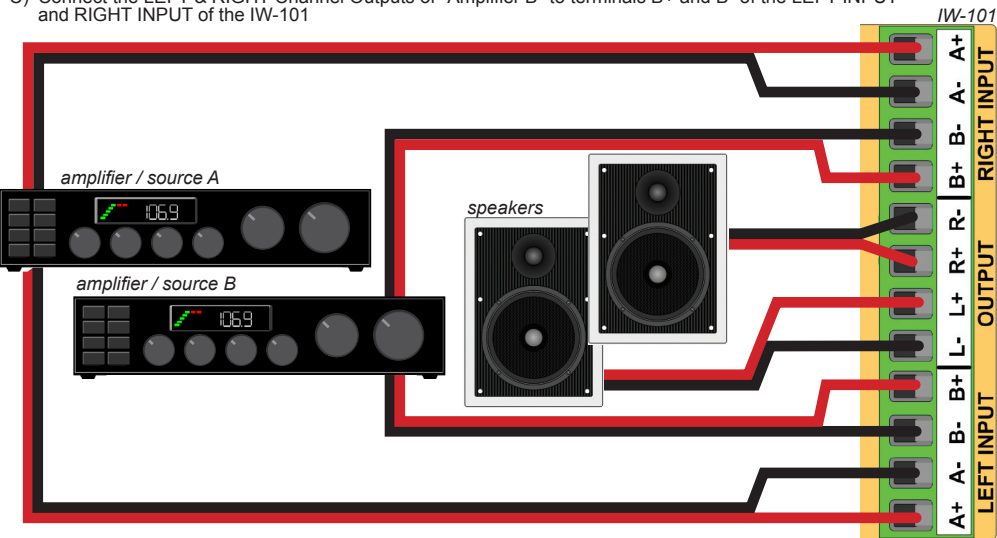


Figure 2 2 Source switching to 1 pair of speakers (with Volume Control)

Wiring Directions:

- Connect the LEFT & RIGHT speakers to the OUTPUT terminals of the Volume Control
- Connect the LEFT & RIGHT INPUT terminals of the Volume Control to the OUTPUT terminals of the IW-101, (L+ L- R+ R-).
- Connect the LEFT & RIGHT Channel Outputs of "Amplifier A" to terminals A+ and A- of the LEFT INPUT and RIGHT INPUT of the IW-101
Note: The LEFT and RIGHT channel inputs are on opposite sides of the OUTPUT terminals.
- Connect the LEFT & RIGHT Channel Outputs of "Amplifier B" to terminals B+ and B- of the LEFT INPUT and RIGHT INPUT of the IW-101

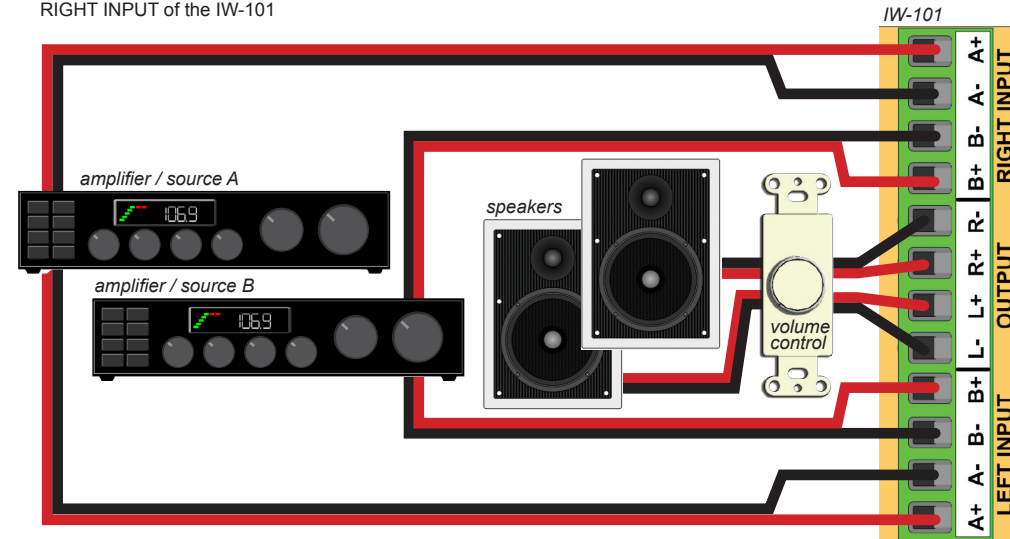


Figure 3 1 Source Switching to 2 pairs of Speakers

Wiring Directions:

- Connect the LEFT & RIGHT Channel Outputs of the Amplifier to the OUTPUT terminals of the IW-101, (L+ L- R+ R-).
- Connect LEFT & RIGHT Speaker Pair "A" to terminals A+ and A- of the LEFT INPUT and RIGHT INPUT of the IW-101
Note: The LEFT and RIGHT channel inputs are on opposite sides of the OUTPUT terminals.
- Connect LEFT & RIGHT Speaker Pair "B" to terminals B+ and B- of the LEFT INPUT and RIGHT INPUT of the IW-101

Note:
See Precautions on reverse side.
Only one pair can be selected at a time.

