

INSTALLATION MANUAL



AB-1 A/B SWITCH (Also used as part of 25WAB and 72WAB)

The AB-1 switch permits local selection of program material from the main sound distribution or an in-room system such as a TV set, another Hi-Fi, etc. It can switch between two amplifiers and a single stereo pair of speakers, or between 2 amplifiers and a volume control for the speakers, as in the 25 WAB and 72 WAB.

Used by itself, the switch includes 3 pre-wireable plug-in connectors and a rocker switch mounted on a single junction box size wall plate. When used with a control (25 WAB or 72 WAB) a double size junction box is required along with a double size wall plate. Connections for the AB-1 and the WAB series are illustrated at the end of these instructions.

SPECIFICATIONS

	25 WATT WAB	72 WATT WAB
Attenuator type:	Tapped auto transformers.	Tapped auto transformers.
Switch:	12 position rotary, make-before-break contacts.	12 position rotary, make-before-break contacts.
Connector:	Screw-tight type.	Screw-tight type.
Power rating:	25 Watts RMS continuous, 35 Hz-20 KHz, 75 Watts audio.	72 Watts RMS continuous, 35 Hz-20 KHz, 216 Watts audio.
Attenuation:	-34 dB in 12 steps: 8 steps @ -3 dB each, 1 step @ 4 dB, step @ -6 dB, last step OFF.	-34 dB in 12 steps: 8 steps @ -3 dB each, 1 step @ 4 dB, step @ -6 dB, last step OFF.
Depth:	Less than 2 1/4".	Less than 2 1/4".

INSTALLATION

Note that the Left and Right grounds (-) are completely separate to avoid instability problems with amplifiers which have isolated output grounds. The AB-1 switch connectors can be removed and prewired if desired. This is also true of the switch portion of the 25 WAB and 72 WAB series, but the connector at the attenuator is non-removable.

To make a connection, strip about 1/4" of insulation from the wire ends, and twist the loose strands together tightly so that no loose wire strands stick out to cause possible short circuits! Insert wire in the connector hole, and tighten the screw. Inspect the connection for loose wire.

If the removable connectors are wired before plugging into the PC board, note that the wiring order is the same for all 3 connectors if they are oriented similarly. The order is: R+, R-, L-, L+ (left to right). This coding is printed on the PC board.

The connectors can be installed in two ways, with the screws up and the wires exiting radially, or with the wires exiting to the rear, perpendicular to the PC board. Use the most convenient method, but install all in the same manner to avoid channel crossing. The A and B input connectors face in opposite directions!

When plugging the connectors together, observe care to engage all 4 pins on each. If displaced, it is possible to create a short circuit across one of the amplifier outputs.

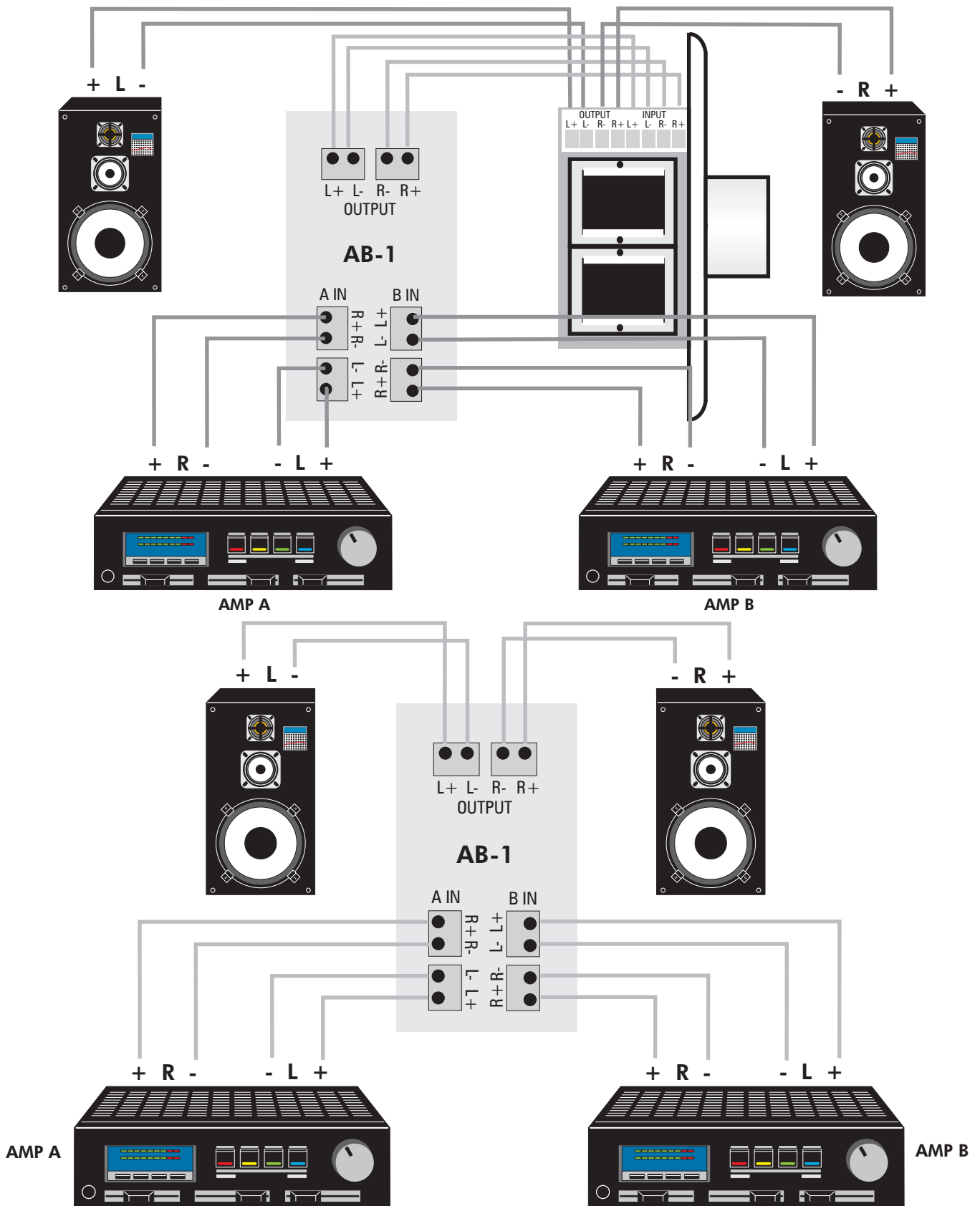
If channel swapping is desired due to changing furniture location in the room, it is readily accomplished by reversing the AMPLIFIER A and/or AMPLIFIER B plug(s) 180 degrees.

WARRANTY

Your AUDIOPLEX TECHNOLOGY(tm) A/B Switch is covered by a ten year warranty against any defects in workmanship and materials. Any defects will be remedied without charge for labor or parts during this period of time following the date of purchase.

Damage incurred by shipping or by accident is not considered to be a defect, and is not covered by this warranty. AUDIOPLEX TECHNOLOGY(tm) is not responsible for defective operation caused by abuse or by modification or service by unauthorized person or agency.

The unit must be properly installed and operated according to instructions for the warranty to apply. Any necessary servicing must be done by AUDIOPLEX TECHNOLOGY(tm). The product must be returned expenses prepaid, with written authorization from the company. The product must be shipped with proof of purchase and in the original carton and packing material to avoid damage. This warranty gives you specific legal rights. You may have other rights which vary from state to state.



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