

# WH-25/WH-50 Impedance Matching Stereo Volume Controller



## *Features*

- Rated power: 25W/50W
- Minimum impedance capability of amplifier: 4-8  $\Omega$
- Appropriate bridge clip setting (1x, 2x or 4x)
- Rotary switch with stopper, 5 volume levels, 1 off position
- Rectangle, elegant and compact design
- Can run multiple pairs of speakers

## *Description*

WH25/ WH50 is a wall mounted impedance matching stereo volume control, which connects between the speaker level output of an amplifier, receiver or speaker selector and a pair of speakers. The volume control is designed to run multiple pairs of speakers without damaging your amplifier or receiver. The adjustment is made by using bridge clips that can be easily replaced.

## *Specification*

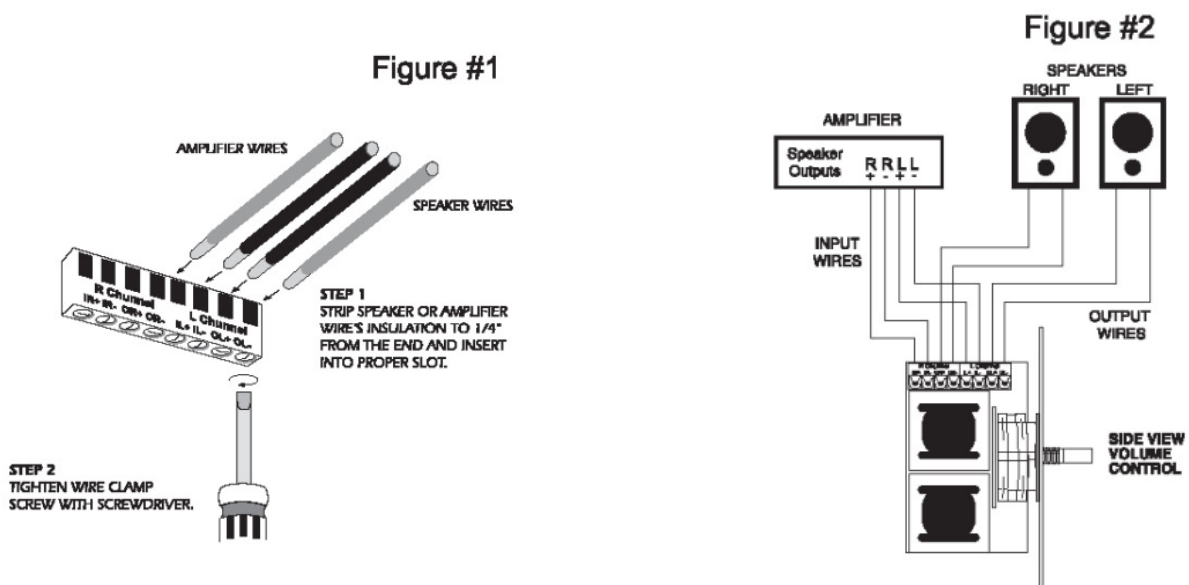
Technical data	WH-25	WH-50
Rated power	25W	50W
Component set	Rotary switch with stopper, 5 volume levels, 1 off position	
Install depth	47mm	
Dimension (W*H*D)	70*120*80mm	

## Volume control wiring:

CAUTION: Please make sure your amplifier or receiver is turned off before wiring.

This volume control can be used with up to 14-gauge wire.

Measure the distance from the speaker to the amplifier. For distance of 50 feet or less, use 18-gauge speaker wire no more than 1/4" from the end. Loosen the screws on the underside of the wire block terminal to allow the wire to be pushed completely into the opening, then tighten the screws to secure the wire. (See Figure #1). If you need to remove the wire, simply loosen the screws on the undersides of the wire block terminal.



Refer to Figure #2 when wiring the volume control:

1. Connect the amplifier or receiver's left speaker output to the left input terminals on the removable wire block terminal. Please observe proper polarity of the connections (+ amplifier to + input on the volume control).
2. Repeat step 1 for the right side.
3. Connect the wires from the left speaker to the left speaker output terminals on the wire block terminal. Please observe proper polarity of the wires for connect speaker phases (+ speaker to + output).
4. Repeat step 3 for right speaker connection.

CAUTION: If the input and output connections are reversed, the minimum setting on the volume control will cause a short across the amplifier or receiver output terminals, resulting in serious damage to your amplifier or receiver. Please double check steps 1 through 4. This volume control cannot be connected in series with another volume control.

