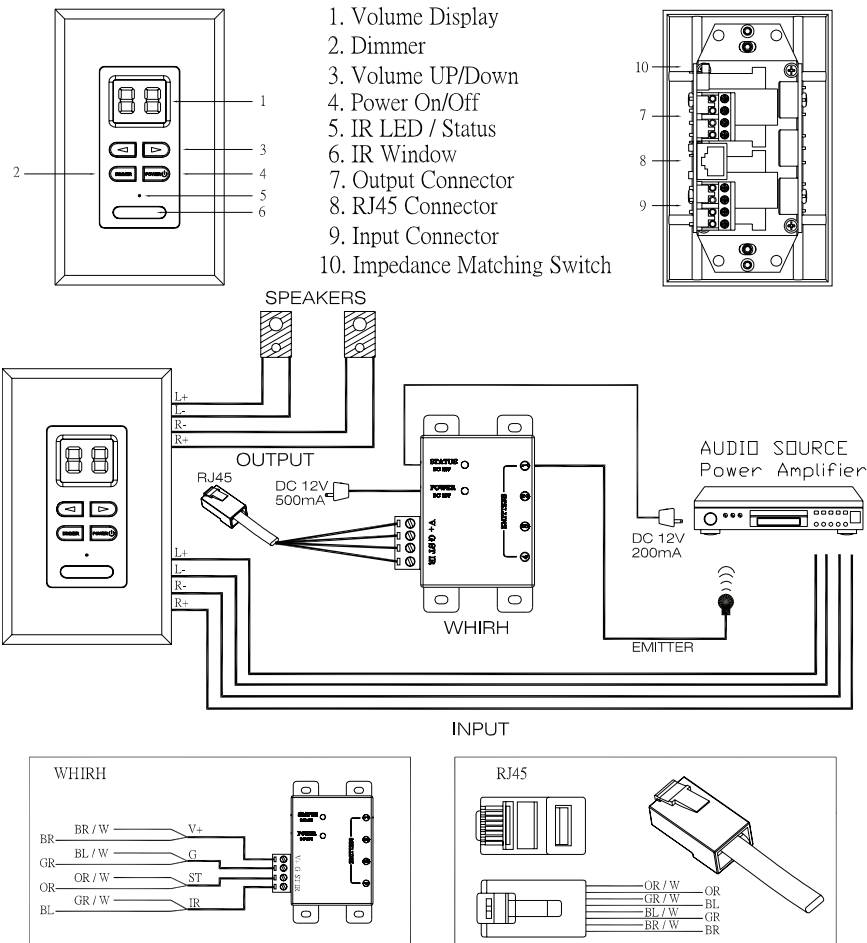


Connection diagram

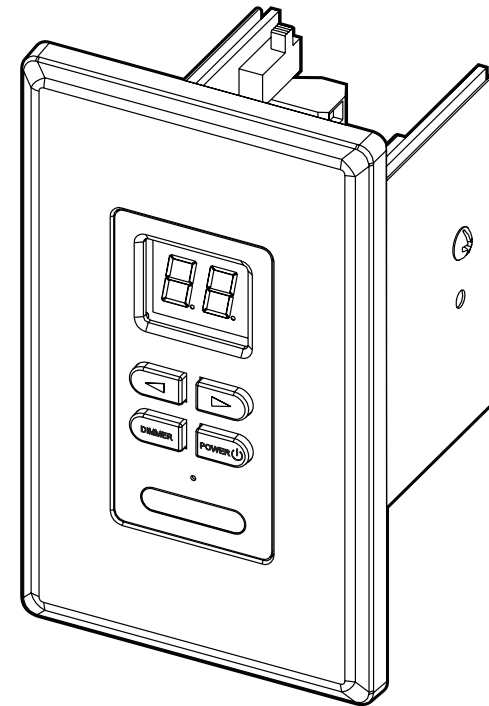


Warranty

This product is warranted free from defects in material and workmanship for one year from date of purchase. Warranty does not apply to misuse, abuse, neglect, accident, improper use, etc. Contact your reseller for a Return Merchandise Authorization.



Digital Speaker Volume Control



Model: WHDVIR100

User Manual

Thank you for purchasing the Audtek Electronics™ WHDVIR100 Digital Speaker Volume Control. This product was manufactured with the highest quality components and designed to deliver superior performance.

Features and characteristics

1. Digital stereo volume control with impedance matching
2. Includes a white face plate, trim plate and remote control
3. 100 watts RMS per channel power handling
4. 12-step Volume Control
5. Removable connectors accommodate up to 14 AWG wire
6. Built-in IR target for local control of remote components
7. Blue LED display and backlit buttons
8. 8-step digital dimming control and local speaker power off

Instructions- Volume Control

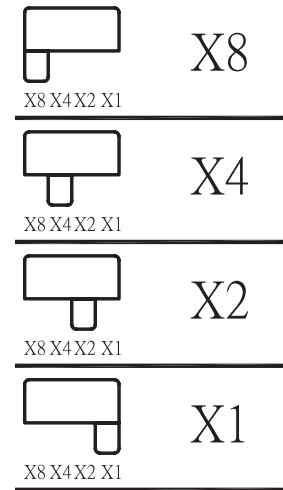
1. Remove 1/4" of insulation from the ends of all wires to be connected to volume control. Twist the exposed strands to minimize the occurrence of stray wire shorting (tinning with soldering iron is preferred).
2. Remove Amplifier INPUT and Speaker OUTPUT connectors from circuit board and loosen set screws.
3. Insert appropriate wires into connectors corresponding to the LEFT L(+) and L(-) and RIGHT R(+) and R(-) wires while observing correct polarity. Tighten the screws firmly and install connectors.

Instructions- IR Section

1. Wiring the RJ45 connector from Cat 5 cable follows wiring standard T-568B
ST Status: Orange w/ White & Orange (RJ45 pins 1 & 2)
IR IR signal: Green w/ White & Blue (RJ45 pins 3 & 4)
G Ground: Blue w/ White & Green (RJ45 pins 5 & 6)
V+ 12VDC Power: Brown w/ White & Brown (RJ45 pins 7 & 8)
2. Mount the volume control into a low voltage box.
3. Snap face plate on.

IMPEDANCE CHART				
The total number of speakers listed is for both Left and Right Channels (Pairs)				
Impedance switch setting for 8Ω load at amplifier				
Speaker Ohms	X1	X2	X4	X8
8	1 Pair	2 Pair	4 Pair	8 Pair
4	-	1 Pair	2 Pair	4 Pair
Impedance switch setting for 4Ω load at amplifier				
Speaker Ohms	X1	X2	X4	X8
8	2 Pair	4 Pair	8 Pair	16 Pair
4	1 Pair	2 Pair	4 Pair	8 Pair

Switch Settings



Assembly diagram

Mounting depth: 2.8" (71mm) from finished wall.

