

INSTALLATION & USER GUIDE



JobSite[®]
PURE CUSTOM.

For Precise Volume

Adjustment in All

Weather Conditions

12-STEP ALL WEATHER ENCLOSED VOLUME CONTROL

V-12/AWE

V-12/AWE

12-STEP ALL WEATHER ENCLOSED VOLUME CONTROL

TABLE OF CONTENTS

Features.....	1
Product Overview.....	2
Package Contents	3
Preparing for Installation.....	3
Installation.....	4
Operation.....	6
Specifications	7
Warranty.....	8

FEATURES

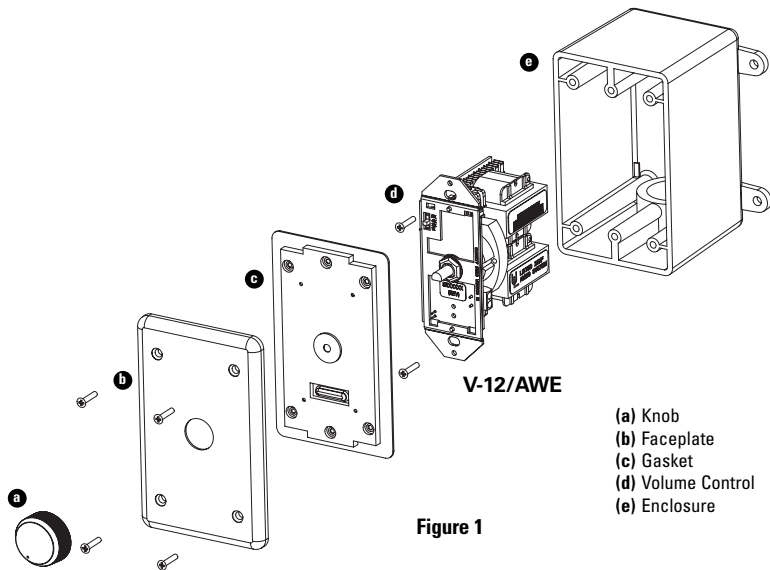
- Includes PVC weatherproof housing and stainless steel hardware
- Safely connect up to eight speaker pairs to a single amplifier or receiver
- UL listed to comply with local building codes
- Stylish indicator knob
- 12-step make before break volume control switch design

Installation friendly design:

- Accepts up to 14-gauge wire
- Snap and lock connector secures wire in place without the use of a screwdriver
- Mounts easily to any surface or directly on PVC conduit



PRODUCT OVERVIEW



V-12/AWE

- (a) Knob
- (b) Faceplate
- (c) Gasket
- (d) Volume Control
- (e) Enclosure

Figure 1

PACKAGE CONTENTS

- V-12/AWE Volume Control x 1
- Knob x 1
- Device mounting screws x 2
- Snap and lock removable speaker connectors x 2
- Standard faceplate screws x 4
- Enclosure x 1
- Gasket x 1

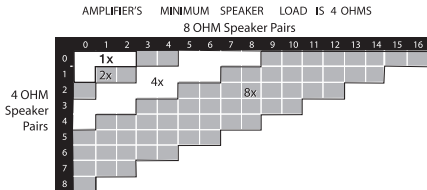


Figure 2

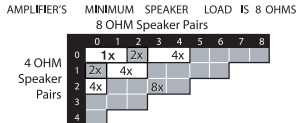


Figure 3

PREPARING FOR INSTALLATION

Consider the most convenient location to mount the V-12/AWE. Use the PVC junction box (supplied), mounted atop a PVC conduit through which the wires will run. Count the number of pairs of 4 ohm speakers and the number of pairs of 8 ohm speakers you are connecting. Count pairs of 6 ohm speakers as 4 ohm pairs. Determine the correct switch position from the impedance charts. **See figures 2, 3 and 4.**

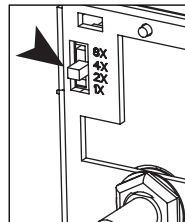


Figure 4

Using Speaker Selectors with IM Muting Volume Controls

Although IM controls provide volume and on/off at the volume-control location, they do not give you central control of speakers playing throughout the house. Speaker-selection systems give you central control, but some speaker selectors have non-defeatable impedance-protection circuits. Combining IM controls with such a selector will reduce your maximum volume substantially. To solve this problem, specify a speaker selector with a defeatable protection circuit (JobSite models S-4 or S-6). Then keep the protection circuit off at all times.

Tools Required

- 1/8" Slotted screwdriver
- 1/4" Slotted screwdriver
- No2 Phillips screwdriver
- Wire stripper
- Wire labels

4

INSTALLATION

1. Identify the Speaker wire and Amplifier wire. Label the wires for future reference.
2. Run the necessary wiring up through the conduit and the opening at the base of the enclosure.
3. Mount the entire enclosure atop the PVC conduit. Secure the enclosure with galvanized mounting screws.
4. Strip 1/4" of insulation from the end of each wire. Tightly twist the end of each wire until no frayed ends remain.
5. Locate the snap and lock connectors and remove them if they are plugged in. **See figure 5.**

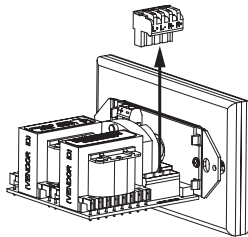
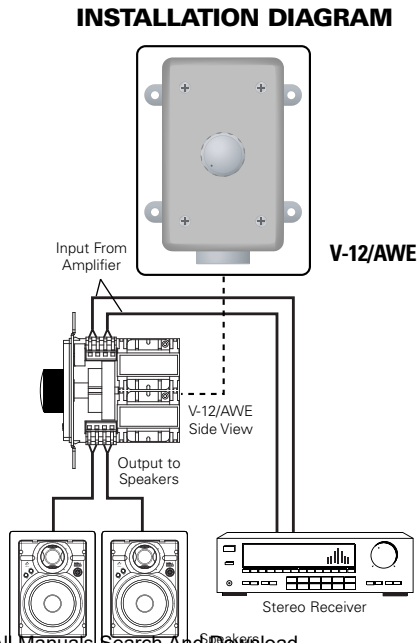


Figure 5

6. Use a small flathead screwdriver or your thumb to raise the locking tabs, exposing the holes on the connector.
 7. Insert each wire into the appropriate hole and snap down the locking tabs.
 8. Insert the smooth side of the connector plug into the smooth side of the V-12/AWE socket.
 9. Install the V-12/AWE into the all-weather enclosure.
 10. Set the Impedance Magnification Switch as determined by the impedance charts.
 11. Set the switches, on all of the controls, to the same position (1x, 2x, 4x, or 8x).
 12. Attach the cover plate.
- See installation diagram.



OPERATION

1. Make sure the amplifier or receiver power is OFF and set the volume to minimum.
2. Set the volume on the volume control to maximum (fully clockwise).
3. If you are using a JobSite speaker-selection system, locate the on/off button that corresponds to the speaker pair you wish to play. Set it to the ON position. Make sure the defeatable protection circuit is not enabled. See Using Speaker Selectors with IM Volume Controls, **on page 5**.
4. Turn ON the amplifier or receiver and select a source, such as the Tuner or CD player.
5. Slowly turn up the amplifier or receiver volume and set it to a comfortable – not maximum – listening level. Don't overdrive or "clip" your amplifier. If the sound becomes muddy or distorted, you have reached the limit of your amplifier's volume capability. Reduce the volume at once to avoid damaging your speakers.
6. Use the volume control to adjust the volume of the speakers to the desired listening level. If all the speaker pairs in your system are equipped with JobSite volume controls, you can set the amplifier or receiver volume at one position and use the JobSite controls exclusively.
7. To turn OFF the speakers, turn the knob on the volume control fully counter-clockwise, or press the ON/OFF button on your speaker selector.

SPECIFICATIONS

High power rating:

100 watts per channel RMS, 200 watts peak

Adjustable impedance:

1x, 2x, 4x, 8x settings

Total attenuation:

54dB maximum

Wiring requirements:

2 individual runs of 2-conductor 14-18-gauge speaker wire or 1 run of 4 conductor

Mounting:

Surface mount PVC single gang enclosure (included), mounts on 3/4" PVC conduit

Dimensions:

3" wide x 4-13/16" high x 3-3/8" deep

Depth behind faceplate:

2-9/16"

Warranty: 10 year limited

LIMITED WARRANTY

JobSite Systems ("JOBSITE"), a Niles Audio Corporation company, warrants its passive products (those not requiring AC or battery power) to the original purchaser to be free of manufacturing defects in material and workmanship for a period of ten years from date of purchase.

JOBSITE warrants its passive loudspeaker products (those not requiring AC or battery power) to the original purchaser to be free of manufacturing defects in material and workmanship for a period of five years from date of purchase.

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To obtain warranty service, you must write to

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