

### FEATURES:

- EXCELLENT VOICE AND MUSIC REPRODUCTION
- HIGH FIDELITY 6 WATT AMPLIFIER BUILT-IN
- 6 1/2 INCH WOOFER AND 1 INCH DOME TWEETER
- OPERATES ON -24 VDC POWER SUPPLY



### DESCRIPTION:

An in-wall speaker used for high fidelity music and voice reproduction. The one-way speaker/amplifier assembly features a 6 1/2 inch woofer, a 1 inch silk dome tweeter, with an acoustic lens, a white ABS plastic frame, steel grille 70% radial perforated with a scratch resistant white epoxy finish and a 6 watt high fidelity amplifier. A screwdriver set volume control is located behind the grille.

### Specifications:

#### AMPLIFIER:

**Output Power:** 6 Watts

**Operating Voltage:** -24 Vdc

**Current Consumption:** 200 mA

#### WOOFER SPEAKER:

**Woofer Diameter:** 6 1/2"

**Woofer Cone:** Graphite Polypropylene

**Woofer Surround:** High Compliance Foam

**Magnet Weight:** 10 oz

**Magnet Material:** Ceramic

#### TWEETER:

1" silk dome with acoustic lens

**Magnet Weight:** 10 oz

#### SPEAKER/AMPLIFIER:

**SPL:** > 102 dB at 4'

**Crossover Frequency:** 2.8 kHz

**Crossover:** 6 dB per octave

**Frequency Response:** 60 Hz to 20 kHz

#### ENVIRONMENT

**Temperature:** 32 to 122 °F (0 to 50 °C)

**Humidity:** 0 to 85% Non-Precipitating

#### HOUSING AND FINISH

**Frame:** White ABS plastic

**Grille:** Metal, 70% radial perforated

#### DIMENSIONS AND WEIGHT:

12.0 "H x 8.65 "W x 3.2 "D (30.48 cm x 21.971 cm x 8.128 cm)

**Weight:** 3.0 (1.36 kg)

Shipping Weight: 4 lbs ( 1.8 kg)

#### MOUNTING

Wall cutout dimensions: 10.75" (27.305 cm) H x 7.25" (18.415 cm) W

#### INCLUDED HARDWARE

Steel Mounting Bracket

Damping Pads

Screws

Cutout Template

Paint Mask



## Technical Specification

# SIGNATURE SERIES, HIGH FIDELITY IN-WALL SPEAKER MODEL V-1450

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## ARCHITECTS' AND ENGINEERS

The Signature Series High Fidelity In-Wall Speaker Assembly, Model V-1450, shall include a woofer, tweeter, amplifier and volume control. The volume control is accessible behind the removable grille.

The woofer for the V-1450 shall be 6 1/2" in diameter and the tweeter shall be 1" in diameter. Operating temperature shall be +32 to +122 °F (0 to 50 °C).

The Model V-1450 shall include an amplifier assembly and volume control. The amplifier shall operate on a - 24 Vdc nominal, positive ground power supply. Operating current shall be 200 mA at -24 Vdc.

The frequency response shall be 60 Hz to 20 kHz. The output level shall be > 102 dB at 4 feet.

The dimensions shall be 12.0 "H x 8.65 "W x 3.2 "D (30.48 cm x 21.971 cm x 8.128 cm). Weight shall be approximately 3.0 lbs (1.36 kg).

## LIMITED WARRANTY

Valcom, Inc. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the re-placement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened (A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Valcom, Inc. are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs (major repairs will be subject to additional charges for parts and labor)

**This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.**

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.