

TECHNICAL SPECIFICATION
HIGH-FIDELITY IN-WALL SPEAKER
SIGNATURE SERIES - MODEL V-1450



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

SPEAKER

WOOFER

Diameter: 6 1/2"
Cone: Graphite Polypropylene
Surround: High compliance foam
Magnet Weight: 10 oz
Magnet Material: Ceramic

TWEETER:

Diameter: 1" silk dome with acoustic lens
Magnet Weight: 10 oz

SPEAKER/AMPLIFIER

SPL: > 102 dB @ 4' (1.22m)
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 +5 °C)
Humidity: 0-85% Non-Condensing

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" H x 7.25" W
 (27.305 cm x 18.415 cm)

INCLUDED HARDWARE

Steel Mounting Bracket
 Damping Pads
 Screws
 Cutout Template
 Paint Mask

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).

Warranty information may be found on our website at www.valcom.com/warranty.