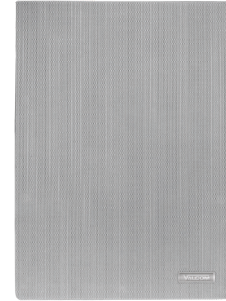


# Technical Specifications

## V-1450 Signature Series™ High-Fidelity In-Wall Speaker

- Exceptional frequency response for voice and music reproduction
- High-fidelity audio quality
- Built-in amplifier and volume control
- White metal grille
- Indoor use only



*Self-amplified 6-Watt  
one-way*

### Description:

The V-1450 Signature Series™ High-Fidelity In-Wall Speaker is self-amplified and designed to provide exceptional quality for clear, intelligible voice messages and music reproduction. The V-1420 high-fidelity speaker broadcasts theater quality sound throughout your organization. Valcom's Signature Series™ High-Fidelity In-Wall Speaker are an attractive solution for offices, retail and hospitality environments.

## SPECIFICATIONS

### SPEAKER ELEMENT

#### Woofers

**Cone:** Graphite polypropylene

**Diameter:** 6.50in

#### Tweeter

1.00in silk dome with acoustic lens

### MAGNET

#### Woofers

**Magnet Weight:** 10oz

**Magnet Material:** ceramic

#### Tweeter

**Magnet Weight:** 10oz

### OUTPUT

> 102 dB @ 4ft (1.22m)

### POWER REQUIREMENTS

**Output Power:** 6-Watts

**Operating Voltage:** -24 Vdc

**Current Consumption:** 200 mA

### FREQUENCY RESPONSE

60 Hz to 20 kHz

### AMPLIFIER MODULE

**Output Power:** 6 Watts

**Crossover Frequency:** 2.8 kHz

**Crossover:** 6 dB per octave

### ENVIRONMENT

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

**Humidity:** 0-85% non-condensing

### HOUSING AND FINISH

**Frame:** White ABS plastic

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

### DIMENSIONS AND WEIGHT

12.00in H x 8.65in W x 3.20in D

(30.48cm x 21.97cm x 8.13cm)

**Weight:** 3.00lb (1.36kg)

**Shipping Weight:** 6.40lbs (2.88kg)

### MOUNTING ACCESSORIES

**Wall Cutout Dimensions:** 10.75in H x 7.25in W  
(27.31cm x 18.42cm)

2022 Rev. 7.7.18

# Technical Specifications

## ARCHITECTS AND ENGINEERS

The V-1450 Signature Series High-Fidelity In-Wall Speaker shall consist of woofer, tweeter, 6-Watt high fidelity amplifier, volume control, trim ring and grille.

The V-1450 Signature Series High-Fidelity In-Wall Speaker woofer shall be 6.50in (16.51cm) in diameter and the tweeter shall be 1.00in (2.54cm) in diameter. Operating temperature shall be +32 to +122 °F (0 to 50 °C).

The V-1450 Signature Series High-Fidelity In-Wall Speaker frequency response shall be 60 Hz to 20 kHz. The output level shall be > 102 dB at 4 feet.

V-1450 Signature Series High-Fidelity In-Wall Speaker 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 200mA at -24 Vdc. The V-1450 frequency response shall be 60 Hz to 20 kHz. The output level shall be > 102 dB at 4 feet.

The V-1450 Signature Series High Fidelity In-Wall Speaker frame shall be constructed of a white ABS plastic. The grill shall be constructed of a 70% radial perforated steel with a scratch resistant white epoxy finish. The V-1450 has an externally accessible volume control located behind the grille and is screwdriver adjustable. The V-1450 shall be suitable for indoor applications.

The maximum dimensions shall be: 12.00in H x 8.65in W x 3.20in D (30.48cm x 21.97cm x 8.13cm). Weight shall be approximately: 3.00lbs (1.36kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).