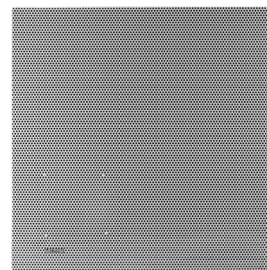


Technical Specifications

V-1422 Signature Series™ High-Fidelity Lay-In Ceiling Speaker

- Exceptional frequency response for voice and music reproduction
- High-fidelity audio quality
- Excellent music & voice quality
- Durable white acrylic baked enamel finish
- Replaces a 2ft X 2ft or 1/2 of a 2ft X 4ft ceiling tile
- No cutting tiles, no broken tiles, no mess
- Integral backbox meets or exceeds ASTM E84 Flame & Smoke Test with 3 Hour Burn Rating (UL 181)
- Indoor use only



2ft x 2ft
Self-amplified one-way

Description:

The V-1422 High-Fidelity Signature Series Lay-In Speaker is a drop style ceiling speaker that is designed with self-amplification to provide great sound and coverage. The V-1422 broadcasts theatre sound quality to provide clear, intelligible voice pages and background music throughout your organization. The V-1422 is easily installed for office, retail or other hospitality environments.

SPECIFICATIONS

SPEAKER ELEMENT

Woofers

Voice Coil Impedance: 8 Ohm

Diameter: 8.00in

Tweeters

Voice Coil Impedance: 8 Ohm

Diameter: 3.00in

MAGNET

Woofers

Magnet Weight: 10oz

Magnet Material: ceramic

Tweeters

Magnet Weight: 3oz

Magnet Material: ceramic

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

ENVIRONMENT

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

Humidity: 0-85% non-condensing

HOUSING AND FINISH

Steel housing with a baked-on acrylic enamel finish.

DIMENSIONS AND WEIGHT

23.75in L x 23.75in W x 3.75in D

(60.33cm x 60.33cm x 9.53cm)

Weight: 5.50lbs (2.49kg)

Shipping Weight: 12.00lbs (5.40kg)

2022 Rev. 7.7.18

Technical Specifications

ARCHITECTS AND ENGINEERS

The V-1422 Signature Series High-Fidelity Lay-in Speaker shall consist of woofer, tweeter, 6-Watt high-fidelity amplifier, volume control, grille and integral backbox.

The V-1422 Signature Series High-Fidelity Lay-in Speaker woofer shall be 8.00in (20.32cm) in diameter and have a 10oz (284g) ceramic magnet. The tweeter shall be 3.00in (7.62cm) in diameter and have a 3oz (85g) ceramic magnet. Operating temperature shall be +32 to +122 °F (0 to 50 °C).

The V-1422 Signature Series High-Fidelity Lay-in Speaker frequency response shall be 60 Hz to 20 kHz. The output level shall be > 102 dB at 4 feet.

V-1422 Signature Series High-Fidelity Lay-in 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-1422 Signature Series High Fidelity Lay-in Speaker frame shall be constructed of a single piece of perforated steel with a white baked on acrylic enamel finish. The backbox meets or exceeds A.S.T.M. E84 flame and smoke test and has a three hour burn rating (UL181). Four seismic tabs provided for additional mounting integrity. The V-1422 externally accessible volume control shall be screwdriver adjustable through the perforated grille. The V-1422 shall be suitable for indoor applications.

The maximum dimensions shall be: 23.75in L x 23.75in W x 3.75in D (60.33cm x 60.33cm x 9.53cm). Weight shall be approximately: 5.50lbs (2.49kg).

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