

SIGNATURE SERIES, HIGH FIDELITY 2' x 2' LAY-IN CEILING SPEAKER MODEL V-1422

FEATURES:

EXCELLENT VOICE AND MUSIC REPRODUCTION
HIGH FIDELITY 6 WATT AMPLIFIER BUILT-IN
AESTHETICALLY PLEASING WHITE GRILLE
BAKED ENAMEL FINISH
INTEGRAL PLENUM RATED BACKBOX MEETS OR
EXCEEDS ASTM E84 FLAME & SMOKE TEST
REPLACES A 2' x 2' or 1/2 OF A 2' x 4' CEILING TILE
FOUR SEISMIC TABS PROVIDED FOR ADDITIONAL MOUNTING INTEGRITY



DESCRIPTION:

Coaxial Speaker assembly with speaker, amplifier and volume control mounted in 2' x 2' grille with integral backbox. Used for high fidelity music and voice reproduction. The speaker/amplifier assembly features an 8" speaker with a 3" tweeter, a steel grille with white baked enamel finish and a 6 watt high fidelity amplifier. A screw driver adjustable volume control is accessible through the perforated grille.

SPECIFICATIONS:

AMPLIFIER

Output Power: 6 Watts
Operating Voltage: -24 Vdc
Current Consumption: 200 mA

SPEAKER

WOOFER:
Voice Coil Impedance: 8 ohm
Diameter: 8"
Magnet Weight: 10 oz
Magnet Material: Ceramic

TWEETER:

Voice Coil Impedance: 8ohm
Diameter: 3"
Magnet Weight: 3 oz
Magnet Material: Ceramic

SPEAKER/AMPLIFIER

Frequency Response: 60 Hz to 20 kHz
Power Rating: 6 Watts
THD: < .5%
SPL: ≥ 102 dB @ 4' (1.22m)

HOUSING AND FINISH

Steel housing with a white baked on acrylic enamel finish

ENVIRONMENT

Temperature: 32 to 122 °F (0 to 50 °C)
Humidity: 0 to 85% Non-Precipitating

DIMENSIONS AND WEIGHT

24.0" (60.96 cm) L x 24.0" (60.96 cm) W x
3.75" (9.53 cm) D
Weight: 5.5 lbs. (2.49 kg)

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS
MODEL V-1422
SIGNATURE SERIES HIGH FIDELITY
2' x 2' LAY-IN CEILING SPEAKER

The V-1422 Signature Series High Fidelity Lay-in Ceiling Speaker shall consist of a white two foot by two foot perforated grille, a speaker and integral backbox. The volume control is accessible through the perforated grille.

The woofer for the V-1422 shall be 8" (20.32 cm) in diameter and have a 10 ounce (284 g) ceramic magnet. The tweeter for the V-1422 shall be 3" (7.62cm) in diameter and have a 3 ounce (85 g) ceramic magnet. Operating temperature shall be +32 to +122 °F (0 to +50 °C).

The Model V-1422, shall include an amplifier assembly and volume control. The amplifier shall operate on a -24Vdc nominal, positive ground power supply. Operating current shall be 200mA at -24 Vdc.

The baffle shall be constructed with 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.

Maximum dimensions of the grill shall be: Baffle 2' L x 2' W x 3.75" D (60.96 cm x 60.96 cm x 9.53 cm). Weight shall be approximately 5.5 lbs (2.49 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 replacement, 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