

**FEATURES:**

- UTILIZES STANDARD CAT 3, 5, OR 6 CABLE
- ONE-WAY AMPLIFIED
- AESTHETICALLY PLEASING WHITE GRILLE
- BAKED ENAMEL FINISH
- INTEGRAL PLENUM RATED BACKBOX MEETS OR EXCEEDS ASTM E84 FLAME & SMOKE TEST
- REPLACES A 600mm X 600mm METRIC CEILING TILE



**DESCRIPTION:**

20.32 cm (8") Speaker assembly with speaker, amplifier and volume control mounted in 600mm x 600mm grille with integral backbox.

Specifications:	
<p><b>SPEAKER</b> 20.32 cm (8") Speaker</p> <p><b>OUTPUT</b> Rating: &gt; 96 dB @ 4' Signal/noise ratio: -70 dB</p> <p><b>FREQUENCY RESPONSE</b> 80 Hz to 10 kHz</p> <p><b>POWER REQUIREMENT</b> 50 mA @ -24 Vdc</p>	<p><b>HOUSING AND FINISH</b> Steel housing with a white baked on acrylic enamel finish</p> <p><b>ENVIRONMENT</b> Temperature: 0 to 50 °C (32 to 122 °F) Humidity: 0 to 85% Non-Precipitating</p> <p><b>DIMENSIONS AND WEIGHT</b> 603.25mm L x 603.25mm W x 95.25mm D (23.75 "H x 23.75 "W x 3.75 "D) Weight: 2.61 kg (5.8 lbs) Shipping Weight: 3.78 kg (8.4 lbs)</p>

## **ARCHITECTS' AND ENGINEERS**

The V-9022A-2-EC Lay-in Ceiling Speakers shall consist of a white 600mm by 600mm nominal perforated grille, a speaker and integral backbox. The volume control is accessible through the perforated grille.

The speaker for the V -9022A-2-EC shall be 8" (20.32 cm) in diameter and have a 5 oz. (142 g) ceramic magnet. The speaker cone material shall be paper. The speaker impedance shall be 45 ohms. The diameter of the voice coil shall be 75" (1.91 cm) diameter. Operating temperature shall be +32 to +122 °F (0 to +50 °C).

The Model V-9022A-2-EC shall include an amplifier assembly and volume control. Distortion shall be less than 1.5% at rated output of 1-watt RMS. Signal to noise ratio shall be -70dB. The amplifier shall operate on a -24Vdc nominal power supply. Operating current shall be 50mA 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).

Maximum dimensions of the grill shall be 603.25mm L x 603.25mm W x 95.25mm D (23.75 "H x 23.75 "W x 3.75 "D). Weight shall be approximately 2.61 kg (5.8 lbs).

## **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.