

**BI-DIRECTIONAL SUPERVISED DUAL INPUT HORN  
MODEL VL-1250C****FEATURES:**

- INDOOR/OUTDOOR USE
- COMPATIBLE WITH VALCOM SERVICES SUPERVISED SYSTEMS
- BUILT-IN SUPERVISED DUAL INPUT 5 WATT AMPLIFIER MODULE
- HIGH IMPACT ABS HOUSING
- BUILT-IN MASTER VOLUME CONTROL
- VERTICAL OR HORIZONTAL MOUNTING
- WALL OR ELECTRICAL BOX MOUNT OPERATES ON -24 VDC POWER SUPPLY

**DESCRIPTION:**

Ceiling/wall, flush/surface mount 8" speaker assembly, complete with speaker, supervised amplifier, built-in volume control and square grille.

**SOUND PRESSURE LEVELS**

113 dB measured at 4' (1.22 m) on axis with a -10dBm input at 1 kHz

**FREQUENCY RESPONSE**

275 Hz to 14 kHz

**DISPERSION**

120° Horizontal and 90° Vertical per side

**AMPLIFIER MODULE**

Rated Output: 5 Watts RMS

Output Load: 8 Ohms

Input Impedance: 600 Ohms (each input)

Power Supply: -24 Vdc nominal, positive ground

Operating Current: 300 mA at -24 Vdc

**SPECIFICATIONS**

Vertical or Horizontal Mounting. Detachable base for wall or electrical box mounting.

**ENVIRONMENT**

Temperature: -4 to +131 °F (-20 to +55 °C)

Humidity: 0-95% Non-Condensing

**HOUSING AND FINISH**

The horn is made of high impact ABS plastic.

**DIMENSIONS AND WEIGHT**

9.6" (24.38 cm) H x 8.2" (20.83 cm) W x 9.3" (23.62 cm) D

Weight: 6.3 lbs (2.86 kg.)

# ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

## MODEL VL-1250C

### BI-DIRECTIONAL SUPERVISED DUAL INPUT 5 WATT AMPLIFIED HORN

The Bi-Directional, Supervised Dual Input 5-Watt Amplified Horn, Model VL-1250C, shall be a weather-resistant, high efficiency horn equipped with a single externally accessible master volume control and supervised dual input amplifier that is compatible with Valcom Services' Supervised Systems. It shall include a detachable base for wall or single, double or octagon electrical box mounting and dual omni-directional ball joint mounting bracket to allow precise positioning in the vertical and horizontal planes.

The frequency response shall be 275 Hz to 14 kHz. Dispersion shall be 120° horizontal and 90° vertical per side. Sound pressure level shall be 113 dB measured at 4 feet (1.22 m) on axis with an input to the amplifier module being -10 dBm at 1 kHz. Rated output shall be 5 watts RMS. Output load shall be 8 ohms. Input impedance shall be 600 ohms nominal at each input. The amplifier shall operate on a -24 Vdc nominal, positive ground power supply. Operating current shall be 300 mA at -24 Vdc. Operating temperature shall be -4 to 131 °F (-20 to 55 °C). Operating humidity shall be 0-95% non-condensing.

The horn shall be constructed of high impact ABS plastic. The finish shall be beige with brown accent.

Dimensions of the horn shall be 9.6" (24.38 cm) H x 8.2" (20.83cm) W x 9.3" (23.62 cm) D. Weight shall be approximately 6.3 lbs (2.86 kg).

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## 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 carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.