

**SUPERVISED DUAL INPUT 5-WATT
AMPLIFIED HORN
MODEL VL-1230C****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 VOLUME CONTROL
- OMNI-DIRECTIONAL MOUNTING BASE
- WALL OR ELECTRICAL BOX MOUNT
- OPERATES ON -24 VDC POWER SUPPLY
- I-BEAM CLAMP INCLUDED

**DESCRIPTION:**

The VL-1230C is a weather resistant, reentrant, 5 watt amplified horn speaker, complete with a supervised 5 watt dual input amplifier, volume control, horn housing, mounting base and I-beam clamp.

SOUND PRESSURE LEVELS

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

FREQUENCY RESPONSE

225 Hz to 14 kHz

DISPERSION

120° Horizontal and 90° Vertical

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**MOUNTING**

Omni-Directional mounting fully adjustable, 360° horizontal and 160° vertical. Detachable base for wall or electrical box mounting with I-beam clamp included.

HOUSING AND FINISH

The horn is made of high impact ABS plastic. The mounting base is constructed of ultra high impact LEXAN® plastic.

DIMENSIONS AND WEIGHT

7.38" (18.75 cm) H x 10.0" (25.4 cm) W x 10.50" (26.67 cm) D
Weight: 4.75 lbs (2.2 kg.)

ENVIRONMENT

Temperature: -20 to +55 °C (-4 to +131 °F)
Humidity: 0-95% Non-Condensing

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

MODEL VL-1230C SUPERVISED DUAL INPUT 5 WATT AMPLIFIED HORN

The Supervised Dual Input 5-Watt Amplified Horn, Model VL-1230C, shall be weather-resistant, high efficiency reentrant type horn with high frequency diffuser. It shall be equipped with an externally accessible master volume control and 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 omni-directional ball joint mounting bracket to allow precise positioning in the vertical and horizontal planes with a single adjustment. An I-beam mounting clamp shall also be provided.

The frequency response shall be 225 Hz to 14 kHz. Dispersion shall be 120° horizontal and 90° vertical. Sound pressure level shall be 116 dB measured at 4 feet (1.22 m) on axis with an input to the amplifier module being -10 dBm at 1 kHz. Distortion shall be less than 2.05% at rated output of 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 mounting base shall be constructed of LEXAN® an ultra high impact material which is stronger and tougher than die casting. The finish shall be beige with brown accent. The I-beam mounting clamp shall be constructed of zinc chromate plated steel.

Dimensions of the horn shall be 7.38" (18.75 cm) H x 10.0" (25.40 cm) W x 10.5" (26.67 cm) D. Shipping weight shall be approximately 4.75 lbs (2.2 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.