

BI-DIRECTIONAL ONE-WAY HORNS MODEL V-1050C

FEATURES:

INDOOR/OUTDOOR USE

BUILT-IN 5 WATT AMPLIFIER MODULE

HIGH IMPACT ABS HOUSING

BUILT-IN VOLUME CONTROL

VERTICAL OR HORIZONTAL MOUNTING

WALL OR ELECTRICAL BOX MOUNT

OPERATES ON -24 VDC POWER SUPPLY

I-BEAM CLAMP INCLUDED



DESCRIPTION: The V-1050C is a bi-directional, 5 watt one-way amplified horn assembly. The V-1050C consists of two horn speakers positioned on a common mounting frame with a built-in one-way 5 watt amplifier.

SPECIFICATIONS:

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

AMPLIFIER MODULE

Rated Output: 5 Watts RMS

Output Load: 8 Ohms

Input Impedance: 600 Ohms (1 kHz at rated output)

Power Supply: -24 Vdc nominal, positive ground

Operating Current: 300 mA at -24 Vdc

MOUNTING

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 V-1050C BI-DIRECTIONAL ONE-WAY 5 W AMPLIFIED HORNS

The Bi-Directional, One Way 5-Watt Amplified Horn, Model V-1050C, shall be a weather-resistant, high efficiency horn equipped with an amplifier and externally accessible volume control. It shall include a detachable base for wall or single, double or octagon electrical box mounting.

The frequency response shall be 275 Hz to 14 kHz. Dispersion shall be 120° horizontal and 90° vertical. 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. 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% noncondensing.

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.