

TECHNICAL SPECIFICATION

BI-DIRECTIONAL ONE-WAY HORN 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 -24VDC 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

HOUSING AND FINISH

The horn is made of high impact ABS plastic.

ENVIRONMENT

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

Humidity: -0-95% Non-Condensing

DIMENSIONS AND WEIGHT

9.6 "H x 8.2 "W x 9.3 "D (24.384 cm x 20.828 cm x 23.622 cm)

Weight: 6.3 lbs (2.84 kg.) **Shipping Weight:** 8.5 lbs (3.83 kg)

MOUNTING

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

ARCHITECTS' AND ENGINEERS

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 "H x 8.2 "W x 9.3 "D (24.384 cm x 20.828 cm x 23.622 cm). Weight shall be approximately 6.3 lbs (2.84 kg).

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Warranty information may be found on our website at www.valcom.com/warranty.