

### FEATURES:

- INDOOR/OUTDOOR USE
- BUILT-IN 30 WATT AMPLIFIER MODULE
- HIGH IMPACT ABS HOUSING
- BUILT-IN VOLUME CONTROL
- OMNI-DIRECTIONAL MOUNTING BASE
- WALL OR ELECTRICAL BOX MOUNT
- OPERATES ON -48 VDC POWER SUPPLY
- I-BEAM CLAMP INCLUDED



### DESCRIPTION:

The V-1038 is a weather resistant, reentrant 30 watt amplified horn speaker, complete with 30 watt amplifier, volume control, horn housing, mounting base and I-beam clamp.

### Specifications:

#### SOUND PRESSURE LEVELS

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

#### FREQUENCY RESPONSE

225 Hz to 14 kHz

#### DISPERSION

120° Horizontal and 90° Vertical

#### AMPLIFIER MODULE

Rated Output: 30 Watts RMS

Output Load: 8 Ohms

Input Impedance: 600 Ohms nominal

Distortion: less than 2% (1 kHz at rated output)

Power Supply: -48 Vdc nominal, positive ground

Operating Current: 1 Amp @ -48 Vdc

#### HOUSING AND FINISH

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

#### ENVIRONMENT

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

Humidity: 0-95% Non-Condensing

#### DIMENSIONS AND WEIGHT

7.68" H x 12.25" W x 11.62" D (19.53cm H x 31.12cm W x 29.53cm D)

Weight: 4.1 lbs (1.845 kg)

Shipping Weight: 5.5 lbs (2.475 kg)

#### MOUNTING

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



Technical Specification

## 30-WATT AMPLIFIED HORNS MODEL V-1038

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### ARCHITECTS' AND ENGINEERS

The 30-Watt Amplified Horn, Model V-1038, shall be weather-resistant, high efficiency reentrant type horn with high frequency diffuser. It shall be equipped with an amplifier, externally accessible volume control. 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 125 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 2.0% at rated output of 30 watts RMS. Output load shall be 8 ohms. Input impedance shall be 600 ohms nominal. The amplifier shall operate on a -48 Vdc nominal, positive ground power supply. Operating current shall be 1 Amp at -48 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 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 7.68" H x 12.25" W x 11.62" D (19.53cm H x 31.12cm W x 29.53cm D). Weight shall be approximately 4.1 lbs (1.845 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 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.