

# Technical Specifications

## V-1048C/V-1048M High-Efficiency Horn

- Talkback intercom
- Excellent for voice and music reproduction
- High impact ABS housing
- Omni-directional mounting base
- Wall or electrical box mount
- I-Beam clamp included
- Quick and easy installation
- Available in beige (V-1048C), gray (V-1048C-GY) and marine white (V-1048M)
- Indoor/outdoor use



### Description:

The V-1048C/V-1048M is a High-Efficiency Paging Horn that generates high quality voice paging and talkback capabilities for large noisy environments including manufacturing plants, warehouses, stadiums, parking lots, schools and other areas. The V-1048M is also equipped with O-ring seals and resist the deteriorating effects of sun, salt and high humidity making them ideal for use at shipboard and marinas.

The V-1048C includes a Omni-Lock™ Mount for quick and easy installation on multiple surfaces including beams, walls, electrical boxes and other areas.

## SPECIFICATIONS

### SPEAKER ELEMENT

Voice Coil Impedance: 45 Ohms

### SENSITIVITY

9 mV into 45 Ohms at a level of 71.6 dB

### FREQUENCY RESPONSE

275 Hz to 14 kHz

### AMPLIFIER MODULE

Rated output: 5-Watts RMS

Output load: 8 Ohms input

### DISPERSION

120° horizontal and 90° vertical

### ENVIRONMENT

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

Humidity: 0 to 95% non-condensing

### HOUSING AND FINISH

Horn: high impact ABS plastic

Mounting base: ultra-high impact polycarbonate

Marine horn: high impact ASA plastic.

### DIMENSIONS AND WEIGHT

7.38in H x 10.00in W x 10.40in D  
(18.75cm x 25.40cm x 26.42cm)

Weight: 3.40lbs (1.54kg)

Shipping Weight: 6.60lbs (2.97kg)

### MOUNTING

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

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## ARCHITECTS AND ENGINEERS

The High-Efficiency Talkback Horn, model V-1048C/V-1048M, shall be a reentrant type horn with high frequency diffuser. The V-1048C/V-1048M 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 V-1048M shall be equipped with O-ring seals.

The V-1048C/V-1048M High-Efficiency Talkback Horn frequency response shall be 275 Hz to 14 kHz. Dispersion shall be 120° horizontal and 90° vertical. Voice coil impedance shall be 45 ohms. Operating temperature shall be -4 to 131 °F (-20 to 55 °C). Operating humidity shall be 0-95% non-condensing.

The V-1048C High-Efficiency Paging Horn shall be constructed of high impact ABS plastic. The mounting base shall be constructed of ultra-high impact polycarbonate plastic. The V-1048M shall be constructed of high impact ASA material that resists deteriorating effects of salt, sun and high humidity. The I-beam mounting clamp shall be constructed of zinc chromate plated steel. The V-1048C/V-1048M shall be suitable for indoor and outdoor applications.

The maximum dimensions shall be: 7.38in H x 10.00in W x 10.40in D (18.75cm x 25.40cm x 26.42cm). Weight shall be approximately: 3.40lbs (1.54kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).