

Technical Specifications

V-1030C/V-1030M High-Efficiency Horn

- Built-in 5-Watt amplifier & volume control
- One-way paging
- High impact ABS housing
- Omni-directional mounting base
- Wall or electrical box mount
- Operates on -24 Vdc power supply
- I-Beam clamp included
- Quick and easy installation
- Available in beige (V-1030C), gray (V-1030C-GY) and marine white (V-1030M)
- Indoor/outdoor use



*Self-amplified one-way
5-Watt*

Description:

The V-1030C/V-1030M is a High-Efficiency Paging Horn that generates high quality voice paging, emergency alerts, and loud ringing for indoor and outdoor installations such as industrial facilities, warehouses, parking lots, stadiums, schools or transportation terminals. The V-1030M is 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-1030C/V-1030M includes a Omni-Lock™ Mount for quick and easy installation on multiple surfaces including beams, walls, electrical boxes and other areas.

SPECIFICATIONS

INPUT

Impedance: 600 Ohms (1 kHz at rated output)

SOUND PRESSURE LEVELS

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

POWER REQUIREMENTS

Power supply: -24 Vdc nominal, positive ground

Operating current: 300 mA at -24 Vdc

FREQUENCY RESPONSE

225 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: 3.60lbs (1.62kg)

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 Paging Horn, model V-1030C/V-1030M shall be a high efficiency reentrant type horn with high frequency diffuser. It shall be equipped with an amplifier and an externally accessible volume control. The V-1030C/V-1030M 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-1030M shall be equipped with O-ring seals.

The V-1030C/V-1030M High-Efficiency Paging Horn 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 4ft (1.22m) 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 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% non-condensing.

The V-1030C 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-1030M 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-1030C/V-1030M 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: 3.60lbs (1.62kg).

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