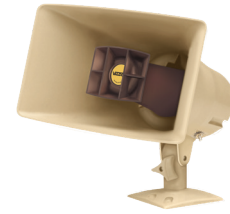


Technical Specifications

V-1038 High-Efficiency Horn

- Built-in 30-Watt amplifier & volume control
- One-way paging
- High Impact Abs Housing
- Omni-directional mounting base
- Wall or electrical box mount
- Operates On -48 Vdc power supply
- I-Beam clamp Included
- Quick and easy installation
- Indoor/outdoor use



*Self-amplified one-way
30-Watt*

Description:

The V-1038 30-Watt horn is a high efficiency horn equipped with a volume control and is ideal for high noise environments such as industrial, manufacturing and warehouses. A key benefit to the 30-Watt horn is its ability to disperse sound with lower energy consumption.

The V-1038 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

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

POWER REQUIREMENTS

Power supply: -48 Vdc nominal, positive ground
Operating current: 1 A at -48 Vdc

FREQUENCY RESPONSE

225 Hz to 14 kHz

AMPLIFIER MODULE

Rated output: 30-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

DIMENSIONS AND WEIGHT

7.68in H x 12.25in W x 11.62in D
(19.53cm x 31.12cm x 29.53cm)
Weight: 4.10lbs (1.85kg)
Shipping Weight: 7.30lbs (3.29kg)

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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Technical Specifications

ARCHITECTS AND ENGINEERS

The 30-Watt Amplified Horn, model V-1038, shall be a high efficiency reentrant type horn with high frequency diffuser. It shall be equipped with an amplifier, externally accessible volume control. The V-1038 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-1038 30-Watt Amplified Horn 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 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 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% non-condensing.

The V-1038 30-Watt Amplified Horn shall be constructed of high impact ABS plastic. The mounting base shall be constructed of polycarbonate. The I-beam mounting clamp shall be constructed of zinc chromate plated steel. The V-1038 shall be suitable for indoor and outdoor applications.

The maximum dimensions shall be: 7.68in H x 12.25in W x 11.62in D (19.53cm x 31.12cm x 29.53cm). Weight shall be approximately: 4.10lbs (1.85kg).

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