

EP 0001 30 WATT CLASS "D" PAGING HORN/AMPLIFIER 48/ 24VDC WITH VOLUME CONTROL

FEATURES

- **INDOOR/OUTDOOR USE**
- **BUILT-IN 30 WATT "CLASS D" AMPLIFIER MODULE**
- **HIGH IMPACT ABS HOUSING**
- **BUILT-IN VOLUME CONTROL**
- **OMNI-DIRECTIONAL MOUNTING BASE**
- **WALL OR ELECTRICAL BOX MOUNT**
- **OPERATES ON -24 to -48 VDC POWER SUPPLY**
- **I-BEAM CLAMP INCLUDED**



DESCRIPTION:

The EP-0001 is a weather resistant, reentrant, supervised 30 watt amplified, horn speaker, complete with 30 watt supervised amplifier, volume control, horn housing, mounting base and I-beam clamp.

SPECIFICATIONS:

SOUND PRESSURE LEVELS

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

FREQUENCY RESPONSE

250 Hz to 8 kHz \pm 0.5dB

DISPERSION

120° Horizontal and 90° Vertical

AMPLIFIER MODULE

Rated Output: 30 Watts RMS
Output Load: 8 Ohms
Input Impedance: 600 Ohms (1 kHz at rated output)
Power Supply: -24 to -48 Vdc nominal, positive ground
Operating Current: 1.0 A at -24 Vdc
Operating Current: 0.5 A at -48 Vdc

MOUNTING

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

HOUSING AND FINISH

The horn is made of high impact ABS plastic. The mounting base is constructed of ultra high impact LEXAN® plastic. The VL-1036C available in beige.

ENVIRONMENT

Temperature: -4 to +131 °F (-20 to +55 °C)
Humidity: -0-95% Non-Condensing

DIMENSIONS AND WEIGHT

7.38" H x 10.00" W x 10.40" D (18.75 cm x 25.40 cm x 26.42 cm)
Weight: 5.8 lbs (2.63 kg.)

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

MODEL EP-0001 30 WATT SUPERVISED AMPLIFIED HORN

The 30-Watt Amplified Horn, Model EP-0001, shall be a weather-resistant, high efficiency reentrant type horn with high frequency diffuser. It shall be equipped with a amplifier and 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 by 250 Hz to 8 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 -24 to -48 Vdc nominal, positive ground power supply. Operating current shall be 1.0A at -24 Vdc and 0.5A at -48Vdc. 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 7.38" (18.75 cm) H x 10.0" (25.40 cm) W x 10.4" (26.42 cm) D. Shipping weight shall be approximately 5.8 lbs (2.63 kg).

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Limited Warranty

Valcom Services L.L.C.. 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 replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom Services L.L.C.. 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 Services L.L.C.. 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 Services L.L.C.. 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.