

Technical Specifications

V-9885 Vandal-Resistant Bi-Directional FlexHorn™

- Paging, emergency alerts and tones
- One-way paging
- High quality audio
- Vandal-resistant
- Bi-directional
- 16-gauge heavy steel
- Quick and easy installation
- Gray powder coat finish
- Indoor use only



*Self-amplified one-way
Surface mount*

Description:

The V-9885 Vandal-Resistant FlexHorn is a durable horn with the same one-way capabilities as the traditional FlexHorn. The V-9885 is designed with a steel mesh security baffle that provides additional protection from objects damaging the speaker and also incorporates tamper-resistant faceplate and resistant screw removal. The V-9885 generates a high quality sound for voice paging, emergency alerts, and loud ringing for large indoor areas. The V-9885 is ideal for schools, prisons, industrial or areas where speakers could be a target for vandalism.

SPECIFICATIONS

SPEAKER ELEMENT

3.5in (8.9cm)
Voice coil 0.75in dia (1.9cm), 45 Ohm

INPUT

Impedance: > 600 Ohms nominal
Signal Level: -10 dBm line level

OUTPUT

Rating: 108 dB @ 4ft (1.22m)
Signal/Noise Ratio: -70

POWER REQUIREMENTS

300 mA @ 24 Vdc

FREQUENCY RESPONSE

400 Hz - 10 kHz

DISPERSION

120° Horizontal 90° Vertical

ENVIRONMENT

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

HOUSING AND FINISH

16-gauge heavy steel
Gray powder coat finish

DIMENSIONS AND WEIGHT

10.00in H x 12.25in W x 7.38in D
(25.40cm x 31.12cm x 18.70cm)

Weight: 12.10lbs (5.50kg)

Shipping Weight: 15.30lbs (6.89kg)

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ARCHITECTS AND ENGINEERS

The Vandal-Resistant Bi-Directional FlexHorn, model V-9885, shall consist of two FlexHorns, amplifier, volume control, enclosure, steel mesh security baffle and tamper-resistant screws. The speaker, housing and hardware shall be electrically and acoustically matched for a frequency response of 400 Hz to 10 kHz.

The V-9885 Vandal-Resistant FlexHorn element shall be 3.50in (8.90cm). Voice coil diameter shall be 0.75in (1.91cm). Voice coil impedance shall be 45 Ohm. Dispersion shall be 120 degrees horizontal and 90 degrees vertical. The V-1080 operating temperature shall be -4 to +131 °F (-20 to +55 °C).

The V-9885 Vandal-Resistant FlexHorn amplifier shall have a frequency response of 400 Hz to 10 kHz. Amplifier audio impedance shall be > 600 ohms. Amplifier audio input shall be -10 dBm line

level at rated output of 4-Watts RMS. Signal-to-noise ratio shall be -70 dB. The amplifier shall operate on a -24 Vdc nominal, positive ground power supply. Operating current shall be 300 mA at -24 Vdc..

The V-9885 Vandal-Resistant FlexHorn enclosure shall be constructed of 16-gauge heavy duty steel with a durable powder coated gray finish. The volume control is accessible on the front of the cone on the Flexhorn. The V-9885 shall be suitable for indoor applications.

10.00in H x 12.25in W x 7.38in D (25.40cm x 31.12cm x 18.70cm)
Weight shall be approximately: 10.00in H x 12.25in W x 7.38in D (25.40cm x 31.12cm x 18.70cm).

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