

Technical Specifications

V-9880 Vandal-Resistant FlexHorn™

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



*Self-amplified one-way
Surface mount*

Description:

The V-9880 Vandal-Resistant FlexHorn™ provides high-quality voice paging, emergency alerts and loud ringing for large indoor areas. Designed for quick and easy installation. The Vandal-Resistant FlexHorn is designed with the same functions of the traditional FlexHorn but incorporates a steel mesh security baffle that prevents objects from penetrating the speaker and has resistant screw removal. Ideal for schools, prisons, industrial 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

200 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 4.00in D

(25.40cm x 31.12cm x 10.16cm)

Weight: 8.35lbs (3.80kg)

Shipping Weight: 11.00lbs (4.95kg)

2022 Rev. 1.8.9

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ARCHITECTS AND ENGINEERS

The Vandal-Resistant FlexHorn, model V-9880, shall consist of a FlexHorn, 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-9880 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-9880 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 200 mA at -24 Vdc..

The V-9880 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-9880 shall be suitable for indoor applications.

The maximum dimensions shall be: 10.00in H x 12.25in W x 4.00in D (25.40cm x 31.12cm x 10.16cm) . Weight shall be approximately: 8.35lbs (3.80kg).

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