

Technical Specifications

V-1026-W Bi-Directional Corridor Wall Speaker

- Paging, emergency alerts and tones
- One-way paging
- Utilizes standard CAT 3, 5, or 6 cable
- Excellent voice and music reproduction
- Wide sound dispersion
- Externally accessible volume control
- Electrically, acoustically matched components
- Quick and easy installation
- Indoor use only



*Self-amplified one-way
bi-directional*

Description:

The V-1026-W Bi-Directional Corridor Wall Speaker has a built-in amplifier and volume control that allows you to distribute voice paging, emergency alerts and music throughout your organization. The V-1026-W is suitable for areas that need intelligible voice and background music - areas such as long hallways, classrooms, retail stores, restaurants and offices.

SPECIFICATIONS

SPEAKER ELEMENT

Cone Diameter: 8.00in (20.32cm)
Voice Coil Impedance: 45 Ohms

INPUT

Impedance: > 600 Ohms nominal
Signal Level: -15 dBm line level

OUTPUT

Rating: > 96 dB @ 4ft (1.22m)
Signal/Noise Ratio: -70

POWER REQUIREMENTS

50 mA @ -24 Vdc

FREQUENCY RESPONSE

80 Hz to 15 kHz

MAGNET

Cone type with 5oz (142g) ceramic magnet

ENVIRONMENT

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

HOUSING AND FINISH

Baffle constructed of 0.50in (1.27cm) particle board, covered with white vinyl and matching white cloth grille.

DIMENSIONS AND WEIGHT

10.30in H x 10.30in W x 4.20in D
(26.16cm x 26.16cm x 10.67cm)

Weight: 5.60lbs (2.52kg)

Shipping Weight: 8.20lbs (3.69kg)

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ARCHITECTS AND ENGINEERS

The Bi-Directional Corridor Speaker, model V-1026-W shall consist of a 45 Ohm speaker, amplifier, volume control, baffle and mounting bracket.

The V-1026-W Bi-Directional Corridor Speaker housing and hardware shall be electrically and acoustically matched for a frequency response of 80 Hz to 15 kHz.

The V-1026-W Bi-Directional Corridor Speaker element shall be cone type with 5oz (142g) ceramic magnet. Diameter of speaker cone shall be 8.00in (20.32cm). Voice coil diameter shall be 0.75in (1.91cm). Voice coil impedance shall be 45 Ohm.

The V-1026-W Bi-Directional Corridor Speaker amplifier shall have a frequency response of 80 Hz to 15 kHz. Distortion shall be less than 1.5% at rated output of 1-Watt RMS. Signal-to-noise ratio shall be -70 dB. The amplifier shall operate on a -24 Vdc nominal, positive ground power supply.

The V-1026-W Bi-Directional Corridor Speaker operating current shall be 50 mA at -24 Vdc. Operating temperature shall be -4 to +131 °F (-20 to +55 °C).

The V-1026-W Bi-Directional Corridor Speaker baffle shall be constructed of 0.50in (1.27cm) particle board covered with white vinyl and have a matching white cloth grille. A screwdriver adjustable volume control shall be provided on the unit. This volume control shall be externally accessible, making it possible to adjust volume level of speaker without removal of unit. The V-1026-W shall be suitable for indoor applications.

The maximum dimensions shall be: 10.30in H x 10.30in W x 4.20in D (26.16cm x 26.16cm x 10.67cm). Weight shall be approximately: 5.60lbs (2.52kg).

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