

Technical Specifications

V-1921 Square Wall/Ceiling Speaker

- One-way paging
- Utilizes standard CAT 3, 5, or 6 cable
- Excellent voice and music reproduction
- Built-in amplifier and volume control
- Electrically, acoustically matched components
- Sturdy steel grille
- Quick and easy installation
- Indoor use only



*Self-amplified one-way
wall or ceiling mount*

Description:

The V-1921 Square Wall or Ceiling Speaker is an excellent choice for wall or ceiling-mount installations and is ideal for most interiors such as schools, offices, retail stores and medical settings.

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

Steel grille with a powder coated finish

DIMENSIONS AND WEIGHT

11.50in L x 11.50in W x 3.00in D

(29.21cm x 29.21cm x 7.62cm)

Weight: 2.60lbs (1.17kg)

Shipping Weight: 5.50lbs (2.48kg)

MOUNTING ACCESSORIES

VB-S11 Square Surface Mount Backbox (Metal)

VB-R12 Square Flush Mount Backbox (Metal)

VB-A13 Square Angled Mount Backbox (Metal)

2022 Rev. 1.7.18

Technical Specifications

ARCHITECTS AND ENGINEERS

The Amplified Square Ceiling/Wall Speaker, model V-1921, shall include a speaker, amplifier, volume control.

The V-1921 Amplified Square Ceiling/Wall Speaker assembly, amplifier module, housing and hardware shall be electrically and acoustically matched for a frequency response of 80 Hz to 15 kHz.

The V-1921 Amplified Square Ceiling/Wall 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 ohms.

The V-1921 Amplified Square Ceiling/Wall Speaker 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 VV-1921 amplifier shall operate on a -24 Vdc nominal power supply. Operating current shall be 50 mA at -24 Vdc. Operating temperature shall be -4 to +131 °F (-20 to +55 °C).

The V-1921 Amplified Square Ceiling/Wall Speaker grille shall be constructed of steel with a white powder coated finish. The volume adjustment is located on the speaker, requires -24VDC, 50mA and the amplifier is rated for one-watt. The V-1921 shall be suitable for indoor applications.

The maximum dimensions shall be: 11.50in L x 11.50in W x 3.00in D (29.21cm x 29.21cm x 7.62cm). Weight shall be approximately: 2.60lbs (1.17kg).

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