

# 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)

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## 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](http://www.valcom.com/warranty).