

# Technical Specifications

## V-1222 Dual Input Amplified Wall Speaker

- Paging, emergency alerts and tones
- One-way paging
- Utilizes standard CAT 3, 5, or 6 cable
- Excellent voice and music reproduction
- Self contained dual input amplifier and volume control
- Electrically, acoustically matched components
- Attractive walnut finish
- Quick and easy installation
- Indoor use only



*Self-amplified  
dual input one-way  
flush mount*

### Description:

The V-1222 is a dual input one-way speaker that allows you to connect two audio sources that makes it easy to provide features such as background music, group call or emergency override. It can also be used to expand existing 70V paging systems.

The V-1222 Woodgrain Wall Speaker is the perfect choice for high quality voice paging and emergency alerts for indoor areas. Includes a mounting bracket for quick and easy installation.

## SPECIFICATIONS

### SPEAKER ELEMENT

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

### INPUT

**Impedance:** > 600 Ohms nominal  
**Signal Level:** -10 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 dark walnut vinyl with light brown open-weave grille cloth.

### DIMENSIONS AND WEIGHT

10.75in H x 9.75in W x 5.0in D (Top) 3.75in D (Bottom)  
(27.31cm x 24.77cm x 12.7cm (Top) 9.53cm (Bottom))

**Weight:** 4.40lbs (1.98kg)

**Shipping Weight:** 7.30lbs (3.29kg)

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## ARCHITECTS AND ENGINEERS

The Dual Input Amplified Wall Speaker, model V-1222, shall include a speaker, amplifier, volume control, angled baffle and mounting bracket.

The V-1222 Dual Input Amplified 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-1222 Dual Input Amplified 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-1222 Dual Input Amplified Wall Speaker shall have a frequency response of 80 Hz to 10 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. Operating current shall be 50 mA at -24 Vdc. Operating temperature shall be -4 to +131 °F (-20 to +55 °C).

The V-1222 Dual Input Amplified Wall Speaker grille shall be constructed baffle shall be constructed of 0.50in (1.27cm) particle board covered with dark walnut vinyl with light brown open weave grille cloth. 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-1222 shall be suitable for indoor applications.

The maximum dimensions shall be: 10.75in H x 9.75in W x 5.0in D (Top) 3.75in D (Bottom) (27.31cm x 24.77cm x 12.7cm (Top) 9.53cm (Bottom)). Weight shall be approximately: 4.40bs (1.98kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).