

Technical Specifications

V-1220 Dual Input Amplified Round Ceiling Speaker

- Utilizes standard CAT 3, 5, or 6 cable
- One-way paging
- Excellent voice and music reproduction
- Self contained dual input amplifier and volume control
- Pop-on, pop-off volume control knob included
- Electrically, acoustically matched components
- Sturdy steel grille
- Quick and easy installation
- Indoor use only



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

Description:

The V-1220 Dual Input One-Way Speaker allows you to connect two audio sources that makes it easy to provide features such as background music, group call or emergency override. The V-1220 can also be used to expand existing 70V paging systems.

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

Steel grille white powder coated finish. The backbox is acoustically treated.

DIMENSIONS AND WEIGHT

13.00in Dia x 3.00in D
(33.02cm x 7.62cm)
Weight: 2.30lbs (1.04kg)
Shipping Weight: 5.70lbs (2.57kg)

MOUNTING ACCESSORIES

V-9914M-5 Support Bridge
V-9915M-5 Backbox
V-9916M Bridge and Backbox Assembly

2022 Rev. 7.7.18

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ARCHITECTS AND ENGINEERS

The Dual Input Amplified Round Ceiling Speaker, model V-1220, shall include a speaker, amplifier, volume control with pop-on/pop-off knob and round grille.

The V-1220 Dual Input Amplified Round Ceiling 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-1220 Dual Input Amplified Round Ceiling 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-1220 Dual Input Amplified Round Ceiling 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-1220 Dual Input Amplified Round Ceiling Speaker grille shall be constructed of steel with a powder coated finish. A screwdriver adjustable volume control shall be provided at the center of the grille. The externally accessible volume control shall make it possible to adjust volume level of one speaker input without removal of unit. The V-1220 shall be suitable for indoor applications.

The maximum dimensions shall be: 13.00in Dia x 3.00in D (33.02cm x 7.62cm). Weight shall be approximately: 2.30bs (1.04kg).

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