

TECHNICAL SPECIFICATION
AMPLIFIED SQUARE SPEAKER
MODEL V-1920C



FEATURES:

- Utilizes Standard CAT 3, 5, Or 6 Cable
- Excellent Voice and Music Reproduction
- Built-In Accessible Volume Control
- Wide Sound Dispersion
- Electrically, Acoustically Matched Components
- Sturdy Steel Grille
- Additional Pop-On, Pop-Off Knob Included



DESCRIPTION:

Square flush mount 11.5" speaker assembly, complete with speaker, amplifier, built-in volume control and square grille.

Specifications

SPEAKER ELEMENT

Cone Diameter: 8" (20.32 cm)
Voice Coil Impedance: 45 Ohms

INPUTS

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

OUTPUT

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

FREQUENCY RESPONSE

80 Hz to 15 kHz

POWER REQUIREMENTS

50 mA @ -24 Vdc

ENVIRONMENT

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

HOUSING AND FINISH

Steel grille finished in semi-gloss white enamel.

DIMENSIONS AND WEIGHT

11.5 "Lx 11.5 "W x 3.0 "D (29.21 cm x 29.21 cm x 7.62 cm)
Weight: 2.6 lbs (1.17 kg)
Shipping Weight: 3.5 lbs (1.575 kg)

MOUNTING ACCESSORIES

VB-S11 Square Surface Mount Backbox (Metal)
VB-R12 Square Flush Mount Backbox (Metal)

ARCHITECTS' AND ENGINEERS

The flush mounted 11.5" amplified speaker, Model V-1920C, shall include a speaker, amplifier, volume control and square grille. The speaker assembly, amplifier module, housing and hardware shall be electrically and acoustically matched for a frequency response of 80 Hz to 15 kHz.

The speaker element shall be cone type with 5 oz (142 g) ceramic magnet. Diameter of speaker cone shall be 8.0" (20.32 cm). Voice coil diameter shall be .75" (1.91 cm). Voice coil impedance shall be 45 ohms.

The 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 power supply. Operating current shall be 50 mA at -24 Vdc. Operating temperature shall be -4 to +131°F (-20 to +55°C).

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 speaker without removal of unit. A plastic pop off knob for volume control is included.

The grille shall be constructed of steel, finished in semi-gloss white enamel. The maximum dimensions shall be: Speaker and Grille - 11.5 "Lx 11.5 "W x 3.0 "D (29.21 cm x 29.21 cm x 7.62 cm). Shipping Weight shall be approximately: Speaker and Grille: 2.6 lbs (1.17 kg).

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