

**TECHNICAL SPECIFICATION**  
**ONE-WAY WALL SPEAKER**  
**MODEL V-1022C**



**FEATURES:**

- Utilizes Standard CAT 3, 5, or 6 Cable
- Excellent Voice and Music Reproduction
- Externally Accessible Volume Control
- Wide Sound Dispersion
- Electrically, Acoustically Matched Parts
- Attractive Walnut Finish



**DESCRIPTION:**

Wall surface mounted speaker assembly complete with speaker, amplifier, built-in volume control, sloped baffle and mounting bracket.

**Specifications**

**SPEAKER ELEMENT**

**Cone Diameter:** 8.0" (20.32 cm)

**INPUTS**

**Impedance:** > 600 Ohms nominal

**Signal Level:** -15 dBm line level

**OUTPUT**

**Rating:** > 96 dB @ 4' (1.22 m)

**Signal/noise ratio:** -70 Db

**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**

Baffle constructed of .5" (1.27 cm) particle board, covered with dark walnut vinyl with light brown open-weave grille cloth.

**DIMENSIONS AND WEIGHT**

10.75 "H x 9.75 "W x 5.0 "D (Top) 3.75 "D (Bottom) (27.305 cm x 24.765 cm x 12.7 cm (top) 9.525 cm (bottom)

**Weight:** 4.5 lbs (2.025 kg)

**Shipping Weight:** 5.5 lbs (2.475 kg)

**ARCHITECTS' AND ENGINEERS**

The Wall Speaker, Model V-1022C shall consist of a 45-ohm speaker, amplifier, volume control, and sloped baffle. The speaker, 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-ohm.

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, 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).

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 baffle shall be constructed of .5" (1.27 cm) particle board covered with dark walnut vinyl with light brown open weave grille cloth.

Maximum dimensions of the housing shall be 10.75 "H x 9.75 "W x 5.0 "D (Top) 3.75 "D (Bottom) (27.305 cm x 24.765 cm x 12.7 cm (top) 9.525 cm (bottom). Approximate weight is 4.5 lbs (2.025 kg).

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