

TECHNICAL SPECIFICATION
ONE-WAY METAL WALL SPEAKER
MODEL V-1052C



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
- Paintable Metal Housing



DESCRIPTION:

Wall surface mounted metal 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: -10 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

HOUSING AND FINISH

Baffle constructed of steel with a durable powder coated gray finish with black cloth grille.

ENVIRONMENT

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

DIMENSIONS AND WEIGHT

10.13 "H x 12.31 "W x 4.63 "D (25.7302 cm x 31.2674 cm x 11.7602 cm)
Weight: 4.25 lbs (1.91 kg) **Shipping Weight:** 5.2 lbs (2.34 kg)

ARCHITECTS' AND ENGINEERS

The Metal Wall Speaker, Model V-1052C shall consist of a 45-ohm speaker, amplifier with > 600-ohm input impedance, 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. Amplifier audio input impedance shall be > 600 ohm. Amplifier audio input shall be -10dBm line level. Distortion shall be less than 1.5% at rated output of 1-watt RMS. Signal to noise ratio shall be -70dB. 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 steel with a durable powder coated gray finish with detachable black cloth grille. The enclosure shall be paintable to match any decor.

Maximum dimensions of the housing shall be 10.13 "H x 12.31 "W x 4.63 "D (25.7302 cm x 31.2674 cm x 11.7602 cm). Approximate weight is 4.25 lbs (1.91 kg).

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