

# Technical Specifications

## V-1052C Metal Wall Speaker Assembly

- Paging, emergency alerts and tones
- One-way paging
- Voice and music reproduction quality
- Utilizes standard CAT 3, 5, or 6 cable
- Excellent voice and music reproduction
- Externally accessible volume control
- Electrically, acoustically matched parts
- Quick and easy installation
- Indoor use only



*Self-amplified one-way*

### Description:

The V-1052C Metal Wall Speaker is a sleek, modern design made of steel that provides excellent voice and music quality for any office, classroom and retail stores. The speaker is easy to install and the steel is made with a durable powder coated gray finish and black cloth grille. The color of the enclosure can easily be changed to match any interior décor.

## SPECIFICATIONS

### SPEAKER ELEMENT

**Cone Diameter:** 8in (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 steel with a durable powder coated gray finish with black cloth grille.

### DIMENSIONS AND WEIGHT

10.13in H x 12.31in W x 4.63in D  
(25.73cm x 31.27cm x 11.76cm)

**Weight:** 4.25lbs (1.91kg)

**Shipping Weight:** 7.20lbs (3.24kg)

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## ARCHITECTS AND ENGINEERS

The Metal Wall Speaker Assembly, model V-1052C, shall consist of a 45 Ohm speaker, amplifier, built-in volume control, angled baffle and mounting bracket. The speaker, housing and hardware shall be electrically and acoustically matched for a frequency response of 80 Hz to 15 kHz.

The V-1052C Metal 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 Ohm.

The V-1052C Metal Wall Speaker 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 -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-1052C Metal Speaker baffle shall be constructed of steel with a durable powder coated gray finish with detachable black cloth grille. The V-1052C enclosure can easily be painted to match any décor. 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-1052C Metal Wall Speaker shall be suitable for indoor applications.

The maximum dimensions shall be: 10.13in H x 12.31in W x 4.63in D (25.73cm x 31.27cm x 11.76cm). Weight shall be approximately: 4.25lbs (1.91kg).

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