

# Technical Specifications

## V-9852 Vandal-Resistant Wall Speaker

- Paging, emergency alerts and tones
- One-way paging
- High quality audio
- Vandal-resistant
- 16-gauge heavy steel
- Quick and easy installation
- Gray powder coat finish
- Indoor use only



*Self-amplified one-way  
Surface mount*

### Description:

The V-9852 Vandal-Resistant Wall Speaker is the perfect choice for high quality voice paging, emergency alerts and loud ringing for indoor areas. The V-9852 is designed with a steel mesh security baffle to prevent objects from penetrating the speaker. The vandal-resistant speaker is the ideal solution for environments that could be a target for vandalism such as schools, industrial and correctional facilities.

## 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

16-gauge heavy steel  
Gray powder coat finish

### DIMENSIONS AND WEIGHT

10.00in H x 12.25in W x 4.00in D  
(25.40cm x 31.12cm x 10.16cm)

**Weight:** 8.35lbs (3.80kg)

**Shipping Weight:** 10.90lbs (4.91kg)

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## ARCHITECTS AND ENGINEERS

The Vandal-Resistant Wall Speaker, model V-9852, shall consist of a 45 Ohm speaker, amplifier, volume control, enclosure, steel mesh security baffle and tamper-resistant screws. The speaker, housing and hardware shall be electrically and acoustically matched for a frequency response of 80 Hz to 15 kHz.

The V-9852 Vandal-Resistant 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-9852 Vandal-Resistant 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-9852 Vandal-Resistant Wall Speaker enclosure shall be constructed of 16-gauge heavy duty steel with a durable powder coated gray finish. The V-9852 shall be suitable for indoor applications.

The maximum dimensions shall be: 10.00in H x 12.25in W x 4.00in D (25.40cm x 31.12cm x 10.16cm) . Weight shall be approximately: 8.35lbs (3.80kg).

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