

# Technical Specifications

## S-504 Metal Wall Speaker Assembly

- Sleek, modern design
- 25/70 Volt transformer
- Excellent voice and music quality
- Easy installation
- Paintable metal housing
- Indoor use



25/70 Volt  
one-way/talkback compatible

### Description:

The S-504 Angled Metal Wall Speaker is the perfect choice for high quality voice paging, two-way communication and emergency alerts for indoor areas. Includes a mounting bracket for quick and easy installation. The unit includes an 8in speaker and transformer for operation on 25 or 70 volt speaker lines.

## SPECIFICATIONS

### SPEAKER

8in (20.32cm)

### SOUND PRESSURE LEVEL

95 dB at 1 meter on axis with 1-Watt input at 1 kHz

### LINE TRANSFORMER

Combination 25/70 Volt

### TRANSFORMER TAPS

5, 2.5, 1.25, 0.625 and 0.312 Watts

### FREQUENCY RESPONSE

65 Hz to 17 kHz

### POWER RATING

5-Watts continuous

### HOUSING AND FINISH

Steel enclosure with a durable powder coated gray finish and a black cloth detachable grille

### ENVIRONMENT

Temperature: 32 to 122 °F (0 to 50 °C)  
Humidity: 0 to 85% non-precipitating

### 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 (1.93kg)

**Shipping Weight:** 7.50lbs (3.40kg)

## ARCHITECTS AND ENGINEERS

The Wall Speaker Assembly, model S-504, is a speaker/transformer/baffle assembly consisting of an 8in (20.32cm) speaker, 25/70 volt transformer, angled baffle and mounting bracket.

The S-504 Wall Speaker Assembly may be used as a one-way or two-way (talkback) speaker. This functionality is determined by the equipment used to source audio to/from the speaker.

The S-504 speaker shall be capable of handling 5-Watts continuous power. Sound pressure level at 1 meter on axis with 1-Watt input shall be 95 dB. The frequency response shall be 65 Hz to 17 kHz. The S-504 line transformer shall be capable of operating on a 25 or 70 volt line.

The S-504 enclosure shall be constructed of steel with a durable powder coated gray finish and shall include a cloth covered detachable black grille. The color of the enclosure can easily be painted to match any décor. The S-504 Wall Speaker Assembly shall be suitable for indoor applications.

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 (1.93kg).

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

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