

Technical Specifications

S-505/S-505VC Wall Speaker Assembly

- Attractive simulated walnut finish
- Voice and music reproduction
- Excellent frequency response
- Five volume level adjustments
- 25/70 Volt transformer
- Screwdriver set volume control (S-505VC)
- Indoor use



25/70 Volt
one-way/talkback compatible

Description:

The S-505/S-505VC Wall Mount Speaker Assembly is enclosed in an angled front walnut woodgrain cabinet with a dark brown grille cloth suitable for voice paging and background music. The unit includes an 8in speaker and transformer for operation on 25 or 70 volt speaker lines. These attractive speakers are ideal for installation in offices, conference centers, restaurants, reception areas, classrooms, lecture halls, and retail outlets.

SPECIFICATIONS

SPEAKER

8in (20.32cm)

MAGNET WEIGHT

5oz

MAGNET MATERIAL

Ceramic

VOICE COIL

8 Ohm

0.75in (1.91cm) Dia

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

The baffle is constructed of 0.50in (1.27cm) particle board covered with a simulated walnut vinyl.

The grille is dark brown cloth

ENVIRONMENT

Temperature: 32 to 122 °F (0 to 50 °C)

Humidity: 0 to 85% non-precipitating

DIMENSIONS AND WEIGHT

9.75in H x 12.00in W x 4.00in D (top) 2.00 D (base)
(24.77cm x 30.48cm x 10.16cm (top) 5.08cm (base)

Weight: 5.00lbs (2.27kg)

Shipping Weight: 6.80lbs (3.08kg)

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ARCHITECTS AND ENGINEERS

The Wall Speaker Assembly, models S-505/S-505VC, shall consist of an 8in (20.32cm) speaker, 25/70 volt transformer, angled wood baffle and mounting bracket. The S-505VC shall have a screwdriver adjustable volume control that is accessed through a hole located in the bottom of the cabinet.

The S-505/S-505VC 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-505/S-505VC speaker shall be 8in (20.32 cm) in diameter and have a ceramic magnet weighing 5 ounces. The impedance of the speaker shall be 8 ohms. The voice coil shall be 0.75in (1.91cm) in diameter. The 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-505/S-505VC line transformer shall be capable of operating on a 25 or 70 volt line and provide 5 wattage taps. The tap settings shall range from 0.3-Watts to 5-Watts.

The S-505/S-505VC baffle shall be constructed of a 0.50in (1.27cm) particle board covered with a simulated walnut vinyl. The grille shall be dark brown cloth. The S-505/S-505VC Wall Speaker Assembly shall be suitable for indoor applications.

Maximum dimensions of the baffle shall be 9.75in H x 12.00in W x 4.00in D (top) 2.00in D (base) (24.77cm x 30.48cm x 10.16cm (top) 5.08cm (base) . Weight shall be approximately: 5.00lbs (2.27kg).

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