

**Technical Specification**

**FEATURES:**

- ATTRACTIVE SIMULATED WALNUT FINISH
- FOR VOICE AND MUSIC REPRODUCTION
- EXCELLENT FREQUENCY RESPONSE
- FIVE VOLUME LEVEL ADJUSTMENTS
- COMBINATION 25 OR 70 VOLT OPERATION
- SCREWDRIVER SET VOLUME CONTROL (S-505VC)



**DESCRIPTION:**

Wall mount speaker enclosed in a sloped front walnut wood grain cabinet with dark brown grille cloth suitable for voice paging and background music. The unit includes an eight-inch speaker and transformer for operation on 25 or 70 Volt speaker line.

<b>Specifications:</b>	
<p><b>SPEAKER</b> 5 Watt 8" (20.32 cm)</p> <p><b>MAGNET WEIGHT</b> 5 oz.</p> <p><b>MAGNET MATERIAL</b> Ceramic</p> <p><b>VOICE COIL</b> 8 Ohm</p> <p><b>VOICE COIL DIAMETER</b> 3/4" (1.91 cm)</p> <p><b>SOUND PRESSURE LEVEL</b> 95 dB at 1 Meter on Axis with 1-Watt Input at 1 kHz</p> <p><b>LINE TRANSFORMER</b> Combination 25/70 Volt</p> <p><b>TRANSFORMER TAPS</b> 5, 2.5, 1.25, .6 and .3 Watts</p> <p><b>FREQUENCY RESPONSE</b> 65 Hz to 17 kHz</p> <p><b>POWER RATING</b> 5 Watts Continuous</p>	<p><b>HOUSING AND FINISH</b> The baffle is constructed of 1/2" (1.27 cm) particle board covered with a simulated walnut vinyl. The grille is dark brown cloth.</p> <p><b>ENVIRONMENT</b> Temperature: 0 to 50 °C (32 to 122 °F) Humidity: 0-85% Non-Precipitating</p> <p><b>DIMENSIONS AND WEIGHT</b> 12.0" (30.5 cm) W x 9.75" (24.8 cm) H x 4.0" (10.16 cm) D (at the top); 2.8" (7.11 cm) D (at the base) Weight: 5.00 lbs (2.3 kg)</p> <p><i><b>NOTE: 25-Volt Speakers may be used as One-Way or Two-Way (talkback) speakers. This functionality is determined by the equipment used to source audio to/from the speaker.</b></i></p>

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**ARCHITECTS' AND ENGINEERS**

The Wall Speaker Assembly, Model S-505 and S-505VC shall consist of an 8" (20.32 cm) speaker, a 25/70-volt transformer and a sloped wood baffle.

The speaker shall be 8" (20.32 cm) in diameter and have a ceramic magnet weighing 5 ounces. The impedance of the speaker shall be 8 Ohm. The voice coil shall be 3/4" (1.91 cm) in diameter. The speaker shall be capable of handling 5 watts continuous power. Sound pressure level at 1 meter on axis with a 1-watt input at 1.0 kHz shall be 95 dB. Frequency response shall be 65 Hz to 17 kHz.

The screwdriver set volume control shall be accessed through a hole located in the bottom of the cabinet (S-505VC).

The line transformer shall be capable of operating on a 25 or 70-volt line and provide 5 volume adjustments.

The level adjustments shall range from .3 watts to 5 watts.

The baffle shall be constructed of 1/2" (1.27 cm) particle board covered with simulated walnut vinyl and have a dark brown grille cloth.

Maximum dimensions of the housing shall be 12.0" (30.48 cm) W x 9.7" (24.66 4 cm) H x 4.0" (10.16 cm) D (at the top); 2.8" (7.11 cm) D (at the base). Approximate weight is 5.75 lbs (2.61 kg).

**Limited Warranty**

Clarity warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Clarity indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened. (A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Clarity are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs (*major repairs will be subject to additional charges for parts and labor*).

**This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Clarity be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.**

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.