

FEATURES:

- Flush Mount
- 8" 5-Watt Speaker
- Combination 25, 70v Transformer
- Scratch, Scuff and Nick Resistant
- Attractive White Powder Epoxy Finish
- Volume Control with Knob (S-500VC)
- Screwdriver Set Volume Control



DESCRIPTION:

Conventional style flush mount ceiling speaker used for voice paging and background music. The speaker assembly features a steel grille finished with a durable white powder epoxy paint and operates on 25- or 70-volt speaker lines. The S-500VC features a volume control with knob.

Specifications:

SPEAKER

8" (20.32 cm)

MAGNET WEIGHT

5 oz.

MAGNET MATERIAL

Ceramic

VOICE COIL

8 ohm

VOICE COIL DIAMETER

$\frac{3}{4}$ " (1.91cm)

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

Circular 22 gauge steel finished in a baked on white powdered-epoxy finish. The underside of the baffle is finished with a continuous coating of zincrometal

ENVIRONMENT

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

Humidity: 0-85% Non-Precipitating

DIMENSIONS AND WEIGHT

13.0 Dia. (33 cm) x 3.0 D (7.62 cm)

Weight: 2.0 lbs. (0.9 kg)

ARCHITECTS' AND ENGINEERS

The Ceiling Flush Mounted Speaker Assembly, Model S-500, S-500VC shall consist of an 8" (20.32 cm) speaker, volume control, a 25/70-volt transformer and a round baffle. The S-500VC shall have a volume control with knob.

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 $\frac{3}{4}$ " (1.84 cm) 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 95dB. The frequency response shall be 65 Hz to 17 kHz.

The baffle shall be constructed with a single piece of 22-gauge steel with a baked on white powdered epoxy finish. The underside shall be finished with a continuous coating of zincrometal for corrosion resistance.

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.

Maximum dimensions of the housing shall be: Baffle Diameter 13" (33 cm). Weight shall be approximately 2.0 lbs (.9 kg).

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