

Technical Specifications

S-500/S-500VC Ceiling Speaker Assembly

- Flush mount
- 8in 5-Watt speaker
- 25/70 Volt transformer
- Scratch, scuff and nick resistant
- Attractive white powder epoxy finish
- Indoor use
- Screwdriver volume/control knob adjustable (S-500VC)
- Packaged 6 per box



Description:

The S-500/S-500VS Ceiling Speaker Assembly is a conventional style flush mount 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 and knob.

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

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 zincrometa

ENVIRONMENT

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

Humidity: 0 to 85% non-precipitating

DIMENSIONS AND WEIGHT

13.00in Dia x 3.00in D

(33.02cm x 7.62cm)

Weight: 2.00lbs (0.91kg)

Shipping Weight: 22.00lbs (9.98kg) 6 per box

ACCESSORIES

S-550-5 Support Bridge

S-551-5 Backbox

2022 Rev. 3.6.29

Clarity
by Valcom

SALES@VALCOM.COM | 1.540.563.2000 | CLARITY-COM.COM

Technical Specifications

ARCHITECTS AND ENGINEERS

The Ceiling Speaker Assembly, models S-500/S-500VC, shall consist of an 8in (20.32cm) speaker, a 25/70 V transformer and a round baffle. The S-500VC shall include a screwdriver adjustable volume control and knob.

The S-500/S-500VC Ceiling 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-500/S-500VC 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-500/S-500VC 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-500/S-500VC 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 S-500/S-500VC Ceiling Speaker Assembly shall be suitable for indoor applications.

Maximum dimensions of the baffle shall be: 13.00in Dia x 3.00in D (33.02cm x 7.62cm). Weight shall be approximately 2.0 lbs (0.91kg).

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