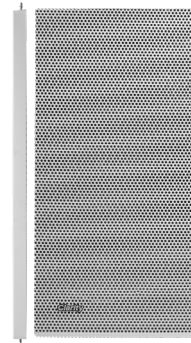


FEATURES:

- Integral Backbox with Three Hour Burn Rating
- Easy Lay-In Mounting
- 25/70-Volt Transformer
- Scuff Resistant Perforated Grille
- Durable White Acrylic Baked Enamel Finish
- Volume Control



DESCRIPTION:

This inconspicuous Lay-in Speaker can be installed in suspended ceilings in minutes. The speaker provides excellent music and voice reproduction. The integral backbox has a three hour burn test rating (UL181) and the rugged lightweight construction eliminates the need for support bars. The speaker's white perforated grille blends into the ceiling by providing the appearance of a standard air return. The speaker assembly features a perforated steel grill finished with a durable white baked on acrylic enamel finish, an 8" full range speaker, a volume control and a transformer that operates on 25- and 70-volt speaker lines. The volume control is accessible through the perforated grille using a standard 1/8" screwdriver.

Specifications:

SPEAKER

8" (20.32 cm) Speaker

MAGNET WEIGHT

5 oz.

MAGNET MATERIAL

Ceramic

VOICE COIL

8-ohm
 3/4" (.34 cm) 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, .75 and .35 Watts

FREQUENCY RESPONSE

70 Hz to 17 kHz

POWER RATING

5 Watts Continuous

HOUSING AND FINISH

Steel housing with a white baked on acrylic enamel finish

ENVIRONMENT

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

Humidity: 0 to 85% Non-Precipitating

DIMENSIONS AND WEIGHT

11.75" (29.85 cm) L x 23.75" (60.53 cm) W x 3.75 D (9.53 cm)

Weight: 4.7 lbs. (2.13 kg)

ARCHITECTS' AND ENGINEERS

The Model S-521B Lay-in Ceiling Speaker shall consist of a white one-foot by two-foot perforated grille, a speaker, combination 25/70-volt 5-watt transformer and integral backbox.

The speaker shall be 8" (20.32 cm) in diameter and have a 5 oz. ceramic magnet. The 8" speaker cone material shall be paper. The speaker impedance shall be 8 ohms. The diameter of the voice coil shall be 3/4" (.34 cm) 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 shall be 95dB. The frequency response shall be 70 Hz to 17 kHz.

The baffle shall be constructed with a single piece of perforated steel with a white baked on acrylic enamel finish. The backbox meets or exceeds A.S.T.M. E84 flame and smoke test and has a three hour burn rating (UL181).

The line transformer shall be capable of operating on a 25- or 70-volt lines speaker and provide 5 volume adjustments. The level adjustments shall range from 5 watts to .35 watts and be made via a rotary tap volume control that is accessible through the grille.

Maximum dimensions of the grill shall be: Baffle 11.75" (29.85 cm) L x 23.75" (60.53 cm) W x 3.75 D (9.53 cm)
 Weight: 4.7 lbs. (2.13 kg)

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