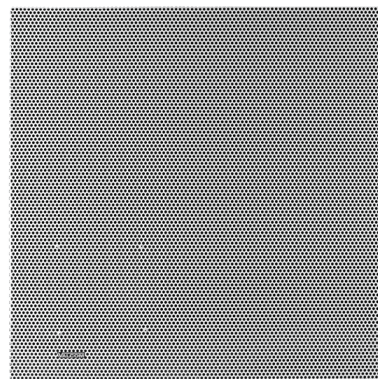


Technical Specifications

V-9028 2ft x 2ft Lay-in Ceiling Speaker

- Excellent voice and music reproduction
- Utilizes Standard CAT 3, 5, or 6 Cable
- Built-In volume controls
- Aesthetically pleasing white grille
- Integral plenum rated backbox meets or exceeds A.S.T.M. E84 flame & smoke test
- Four seismic tabs provided for additional mounting integrity
- Replaces a 2ft x 2ft or 1/2 of a 2ft x 4ft ceiling tile
- Indoor use



*Fast and easy speaker to install
One-way dual input*

Description:

The V-9028 Dual Input Lay-In 2' x 2' Ceiling Speaker comes with a speaker, amplifier and two built-in volume controls. The V-9028 is the perfect choice for high quality voice paging and emergency alerts for indoor areas. Designed for quick and easy installation.

SPECIFICATIONS

SPEAKER

Cone diameter: 8in (20.32cm)
Voice coil impedance: 45 Ohms

MAGNET WEIGHT

5oz (142g)

MAGNET MATERIAL

Ceramic

AUDIO INPUT

Impedance: > 600 Ohms nominal
Signal level: -10 dBm line level

AUDIO OUTPUT

Rating: > 96 dB @ 4ft (1.22m)
Signal/noise ratio: -70 dB

SOUND PRESSURE LEVEL

95 dB at 1 meter on axis with 1-Watt input at 1 kHz

POWER RATING

50 mA at 24 Vdc

FREQUENCY REQUIREMENT

80 Hz to 15 kHz

HOUSING AND FINISH

Steel housing with a white baked on acrylic enamel finish

ENVIRONMENT

Temperature: 32 to 122 °F (0 to 50 °C)
Humidity: 0 to 85% non-precipitating

DIMENSIONS AND WEIGHT

23.75in H x 23.75in W x 3.75in D
(60.30cm x 60.30cm x 9.53cm)

Weight: 5.80lbs (2.62kg)

Shipping Weight: 11.80lbs (5.31kg)

2022 Rev. 7.8.5

Technical Specifications

ARCHITECTS AND ENGINEERS

The Dual Input 2ft x 2ft Lay-in Ceiling Speaker, model V-9028, shall include a speaker, amplifier, and two volume controls. The speaker assembly, amplifier module, housing and hardware shall be electrically and acoustically matched for a frequency response of 80 Hz to 15 kHz.

The V-9028 Dual Input Lay-in Ceiling Speaker, amplifier shall have a frequency response of 80 Hz to 15 kHz. Distortion shall be less than 1.5% at rated output of 1-Watt RMS. Signal-to-noise ratio shall be -70dB. The amplifier shall operate on a -24 Vdc nominal power supply. Operating current shall be 50 mA at -24 Vdc. Operating temperature shall be -4 to +131 °F (-20 to +55 °C). The V-9028 speaker element shall be cone type with 5oz (142g) ceramic magnet. Diameter of speaker cone shall be 8.00in (20.32cm). Voice coil diameter shall be 0.75in (1.91cm). Voice coil impedance shall be 45 ohms.

The V-9028 Dual Input Lay-in Ceiling Speaker baffle shall be

constructed with a single piece of perforated steel with a white baked on acrylic enamel finish. The V-9028 backbox meets or exceeds A.S.T.M. E84 flame and smoke test and has a three hour burn rating (UL181). Four seismic tabs shall be provided for additional mounting integrity. The V-9028 shall include 2 volume controls. One shall be a screwdriver adjustable volume control with access through the grille. The volume control for input two shall be accessible from the back of the speaker only. The externally accessible volume control shall make it possible to adjust volume level of one speaker input without removal of unit. The V-9028 shall be suitable for indoor applications.

Maximum dimensions of the grill shall be: 23.75in H x 23.75in W x 3.75in D (60.30cm x 60.30cm x 9.53cm). Weight shall be approximately: 5.5lbs (2.49kg).

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