

**TECHNICAL SPECIFICATION**  
**AMPLIFIED CEILING SPEAKER**  
**MODEL V-1010**



**FEATURES:**

- Utilizes Standard CAT 3, 5, Or 6 Cable
- Excellent Voice and Music Reproduction
- Built-In Accessible Volume Control
- Electrically, Acoustically Matched Components
- Sturdy Steel Grille



**DESCRIPTION:**

Ceiling flush mount 4" speaker assembly, complete with speaker, amplifier, built-in volume control and round grille.

**Specifications**

**SPEAKER ELEMENT**

**Cone Diameter:** 4" (10.16 cm)

**Voice Coil Impedance:** 45 Ohms

**INPUT**

**Impedance:** > 600 Ohms nominal

**Signal Level:** -10 dBm line level

**OUTPUT**

**Rating:** > 93dB @ 4' (1.22 m)

**Signal/Noise Ratio:** -70

**FREQUENCY RESPONSE**

95 Hz to 16 kHz

**POWER REQUIREMENTS**

50 mA @ -24 Vdc

**ENVIRONMENT**

**Temperature:** -4 to +131°F (-20 to +55°C)

**Humidity:** 0-95% Non-Condensing

**HOUSING AND FINISH**

Steel grille finished in semi-gloss white enamel. The backbox is acoustically treated. The metal backbox and support bridge are finished for rust prevention and are available separately.

**DIMENSIONS AND WEIGHT**

7.65 "Dia x 2.9 "D (19.431 cm x 7.366 cm)

**Weight:** 1.7 lbs (0.765 kg)

**Shipping Weight:** 2.0 lbs (0.90 kg)

**MOUNTING ACCESSORIES**

V-9904M-5 Support Bridge (order in quantities of 5)

V-9915M-5 Backbox (order in quantities of 5)

The V-9904M-5 and V-9915M-5 must be used together.

**ARCHITECTS' AND ENGINEERS**

The ceiling flush mounted 4" (10.16 cm) amplified speaker, Model V-1010C, shall include a speaker, amplifier, volume control and round grille. The speaker assembly, amplifier module, housing and hardware shall be electrically and acoustically matched for a frequency response of 95 Hz to 16 kHz. The assembly shall be FCC part 68 Registered. The registration number shall be BAF917-69358-KX-N.

The speaker element shall be cone type with 5 oz (142 g) ceramic magnet. Diameter of speaker cone shall be 4.0" (10.16 cm). Voice coil impedance shall be 45 ohms.

The amplifier shall have a frequency response of 95 Hz to 16 kHz. Distortion shall be less than 1.5% at rated output of 1-watt RMS. Signal to noise ratio shall be -70 dB. The amplifier shall operate on a -24 Vdc nominal, positive ground power supply. Operating current shall be 50 mA at -24 Vdc. Operating temperature shall be -4 to +131°F (-20 to +55°C). Humidity range shall be 0 - 95%, non-condensing.

A screwdriver adjustable volume control shall be provided at the center of the grille. The externally accessible volume control shall make it possible to adjust volume level of speaker without removal of unit.

The grille shall be constructed of steel, finished in semi-gloss white enamel.

The V-9915M-5 Backbox and V-9904M-5 Support Bridge shall be constructed of steel and finished for rust prevention. The backbox shall be acoustically treated. The V-9915M-5 Backbox and V-9904M-5 Support Bridge must be used together.

The maximum dimensions shall be: Speaker and Grille - 7.65 "Dia x 2.9 "D (19.431 cm x 7.366 cm). Weight shall be approximately: Speaker and Grille: 1.7 lbs (0.765 kg). Support Bridge: 2.0 lbs (0.90 kg). Backbox: 1.8 lbs (0.81 kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).