

EVID-C8.2HC-G2 Ceiling speaker 6.5" high-ceiling white

EVID Ceiling

- EZ-install system for quick, safe, and reliable installation
- Bezel-less design with easy-attach grille
- Front baffle wattage tap adjustment
- Includes tile rail and C-Ring for easy installation
- UL 1480A, UL 2043, CSA C22.2 No. 205 and IEC 62368-1 certified



The Electro-Voice EVID-C8.2HC-G2 is a complete 8-inch coaxial two-way loudspeaker that offers excellent sound quality and outstanding reliability with first-class aesthetics. It includes the EZ-Install system for quick and easy installations that are fast and reliable without compromising on safety.

The loudspeaker features a point-source design to improve off-axis response and overall uniform coverage.

The EVID-C8.2HC-G2 utilizes a transformer that offers a selection of 5.6 (70-V only), 11.3, 22.5, 45 or 90 watts delivered to the loudspeaker system using either 70-V or 100-V lines, or 8-ohm bypass. Selection is via a convenient switch on the front baffle. The perforated grille is finished in semi-gloss white powder-coated enamel. The baffle is constructed from UL 94V-0 rated ABS. The rear enclosure is constructed from heavy gauge coated steel. The low-profile enclosure makes it easy to mount in very tight spaces. A side terminal-cover provides access to a 4-pin terminal block that allows direct connection to the speaker with 12-gauge and 3.3 mm²-wire and provides pass through to additional speakers.

A mounting ring and a tile bridge are included for safe suspension of the EVID-C8.2HC-G2 ceiling systems in a drop ceiling that uses mineral wool, or other fiber-based ceiling tiles.

The wide range of EVID ceiling speakers has been designed to work together as a complete system in a variety of different ceiling constructions, and to be used in combination with other EVID surface-mount and in-wall speakers

Parts included

Quantity	Component
2	Ceiling loudspeaker
2	Loudspeaker connection cover (installed)
2	Magnetic grille
4	Ceiling tile rail
2	C-ring
4	Screw
1	Cutout template
2	Paint cover
1	Quick installation guide

Technical specifications

Frequency range (-10 dB) (Hz) ¹	60 Hz – 20,000 Hz
Maximum SPL (continuous) (dB) ²	118 dB
Maximum SPL (peak) (dB) ²	124 dB
Sensitivity (1 W, 1 m) ³	95 dB SPL 1 W, 1 m
Coverage angle conical (°)	75°
Power handling (continuous) (W) ⁴	180 W
Power handling (peak) (W) ⁴	720 W
Long term power handling (continuous) (W) ⁵	150 W
Long term power handling (peak) (W) ⁵	600 W
Nominal impedance (Ω) (Low Z)	8 Ω
Recommended high pass (Hz) ⁶	50 Hz

Transformer taps 70 V line (W)	90 W; 45 W; 22.5 W; 11.25 W; 5.6 W
Transformer taps 100 V line (W)	90 W; 45 W; 22.5 W; 11.25 W
LF transducer size (in)	8 in
HF transducer size (in)	1 in
Material	Steel
Grille material	Powder coated steel
Connector type	4-pin Euroblock Input + Pass through
Wire size (AWG)	12AWG (maximum)
Wire diameter (mm ²)	3.3 mm ² (maximum)
Color	White; Customized colors
Color (RAL)	RAL 9003 Signal white
Mounting cutout (in)	12.70 in
Mounting cutout (mm)	322 mm
Dimensions (Ø x D) (in)	13.9 in x 9.9 in
Dimensions (Ø x D) (mm)	353 mm x 250.7 mm
Mounting depth (in)	9.5 in
Mounting depth (mm)	240 mm
Ceiling thickness (in)	0.5 in - 1.5 in
Ceiling thickness (mm)	12.5 mm - 38 mm
Weight (lb) ⁷	13.20 lb
Weight (kg) ⁷	6 kg
Shipping weight (lb) ⁸	30 lb
Shipping weight (kg) ⁸	13.50 kg
IP rating	IP34
Weatherization	Indoor
Operating temperature (°F)	32 °F - 122 °F
Operating temperature (°C)	0 °C - 50 °C
Safety agency ratings	UL 1480A, safe for use in air-handling spaces per UL 2043, CSA C22.2 No. 205 certified, IEC 62638

¹Half-space (in-ceiling mounted)

²Calculated

³Half-space (1 W/1 m)

⁴Continuous pink noise (2 hours)

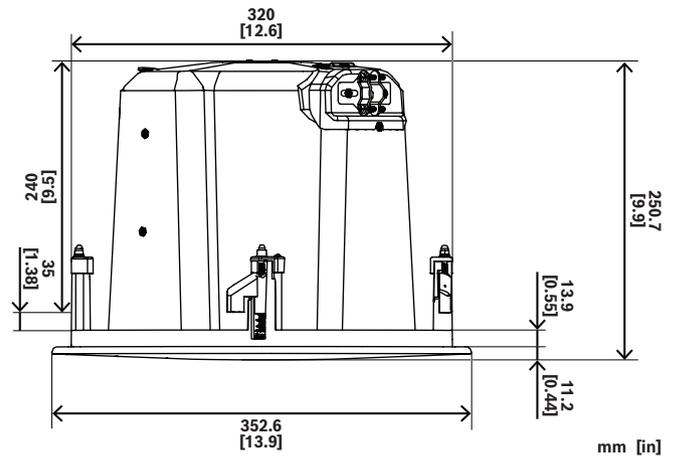
⁵Continuous pink noise (100 hours)

⁶24 dB/octave

⁷Single product

⁸Pair of products

Dimensions



Installation note

This is a professional product that should be installed, used and maintained by trained professionals only.

Ordering information

EVID-C8.2HC-G2 Ceiling speaker 6.5" high-ceiling white

High-ceiling C8.2 version, packaged in pairs, white

Order number EVID-C8.2HC-G2 | F.01U.417.784

Accessories

C-RG-L-BK Round magnetic grille, large, black

Order number C-RG-L-BK | F.01U.420.260



<https://www.electrovoice.com>