

# EVID-C8.2HC-G2 Ceiling speaker 8" 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 bridge and mounting ring for easy installation.
- UL 1480A, UL 2043 and CSA 22.2 205 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 mm<sup>2</sup>-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 loudspeakers
2	Loudspeaker connection covers (installed)
2	Magnetic grilles
4	Ceiling tile rails
2	C-rings
2	Paint covers
1	Quick installation guide

### Technical specifications

Frequency range (-10 dB) (Hz) <sup>1</sup>	50 Hz – 20,000 Hz
Maximum SPL (continuous) (dB) <sup>2</sup>	116 dB
Maximum SPL (peak) (dB) <sup>3</sup>	122 dB
Sensitivity (1 W, 1 m) <sup>4</sup>	94 dB SPL 1 W, 1 m
Coverage angle conical (°)	75°
Power handling (continuous) (W) <sup>5</sup>	150 W
Power handling (peak) (W) <sup>5</sup>	600 W
Nominal impedance (Ω) (Low Z)	8 Ω
Recommended high pass (Hz) <sup>6</sup>	50 Hz
Transformer taps 70 V line (W)	90 W; 45 W; 22,5 W; 11,3 W; 5,6 W
Transformer taps 100 V line (W)	90 W; 45 W; 22,5 W; 11,3 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 <sup>2</sup> )	3.3 mm <sup>2</sup> (maximum)
Color	White; Customized colors
Color (RAL)	RAL 9003 Signal white
Mounting cutout (in)	12.7 in
Mounting cutout (mm)	323 mm
Dimensions (Ø x D) (in)	13.4 in x 11.9 in
Dimensions (Ø x D) (mm)	340 mm x 303 mm
Mounting depth (in)	11,5 in
Mounting depth (mm)	292 mm
Ceiling thickness (in)	0,5 in - 1,5 in
Ceiling thickness (mm)	12,5 mm - 38 mm
Weight (kg)	6 kg
Weight (lb)	13.2 lb
Shipping weight (kg)	13.5 kg
Shipping weight (lb)	30 lb
IP rating <sup>7</sup>	IP34
Weatherization	Indoor
Operating temperature (°F)	32°F – 104°F
Operating temperature (°C)	0°C – 40°C
Safety agency ratings	UL 1480A, safe for use in air-handling spaces per UL 2043, CSA 22.2 205 certified, IEC 62638

<sup>1</sup>Half-space (in-ceiling mounted)

<sup>2</sup>Calculated

<sup>3</sup>Measured

<sup>4</sup>Half-space (in-ceiling averaged XXX Hz - XX kHz, 1 W)

<sup>5</sup>Continuous pink noise (100 hours) 24.5 Vrms

<sup>6</sup>24 dB/octave

<sup>7</sup>Per IEC-60529

## Ordering information

### EVID-C8.2HC-G2 Ceiling speaker 8" 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**

#### Represented by:

**Germany:**  
Bosch Sicherheitssysteme GmbH  
Robert-Bosch-Ring 5  
85630 Grasbrunn  
Germany  
www.electrovoice.com

Bosch Security Systems, LLC  
12000 Portland Avenue South  
Burnsville MN 55337  
USA