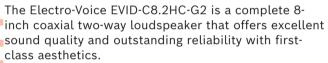


# **EVID-C8.2HC-G2** Ceiling speaker 8" high-ceiling white EVID Ceiling

- 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.



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) $^{\mathrm{1}}$	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) 4	94 dB SPL 1 W, 1 m
Coverage angle conical (°)	75°
Power handling (continuous) (W) 5	150 W
Power handling (peak) (W) 5	600 W
Nominal impedance ( $\Omega$ ) (Low Z)	8Ω
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
IMINARY	Connector type	4-pin Euroblock Input + Pass through
	Wire size (AWG)	12AWG (maximum)
	Wire diameter (mm²)	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)

# **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

**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

<sup>&</sup>lt;sup>2</sup>Calculated

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

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

<sup>&</sup>lt;sup>6</sup>24 dB/octave

<sup>&</sup>lt;sup>7</sup>Per IEC-60529