

EVID-C8.2-G2 Ceiling speaker 8" 70/100V 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-C8.2-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-C8.2-G2 utilizes a transformer that offers a selection of 3.8 (70-V only), 7.5, 15, 30 or 60 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-C8.2-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>   | 113 dB                          |
| Maximum SPL (peak) (dB) <sup>3</sup>         | 119 dB                          |
| Sensitivity (1 W, 1 m) <sup>4</sup>          | 92 dB SPL 1 W, 1 m              |
| Coverage angle conical (°)                   | 90°                             |
| Power handling (continuous) (W) <sup>5</sup> | 90 W                            |
| Power handling (peak) (W) <sup>5</sup>       | 360 W                           |
| Nominal impedance (Ω) (Low Z)                | 8 Ω                             |
| Recommended high pass (Hz) <sup>6</sup>      | 50 Hz                           |
| Transformer taps 70 V line (W)               | 15 W; 3.75 W; 7.5 W; 30 W; 60 W |
| Transformer taps 100 V line (W)              | 15 W; 7.5 W; 30 W; 60 W         |
| LF transducer size (in)                      | 8 in                            |
| HF transducer size (in)                      | 1 in                            |
| Material                                     | Steel                           |

PRELIMINARY

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| Grille material                  | Powder coated steel                                                                          |
| Connector type                   | 4-pin Euroblock<br>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)             | 10.7 in                                                                                      |
| Mounting cutout (mm)             | 272 mm                                                                                       |
| Dimensions (Ø x D) (in)          | 11.8 in x 10 in                                                                              |
| Dimensions (Ø x D) (mm)          | 300 mm x 255 mm                                                                              |
| Mounting depth (in)              | 9,4 in                                                                                       |
| Mounting depth (mm)              | 239 mm                                                                                       |
| Ceiling thickness (in)           | 0,5 in - 1,5 in                                                                              |
| Ceiling thickness (mm)           | 12,5 mm - 38 mm                                                                              |
| Weight (kg)                      | 5 kg                                                                                         |
| Weight (lb)                      | 11 lb                                                                                        |
| Shipping weight (kg)             | 10 kg                                                                                        |
| Shipping weight (lb)             | 22 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-C8.2-G2 Ceiling speaker 8" 70/100V white**  
High-quality two-way 8-inch coaxial ceiling speaker, with internal up to 30 W 70/100-volt line transformer with 8 Ohm bypass, packaged in pairs, white  
Order number **EVID-C8.2-G2 | F.01U.417.783**

### Accessories

**C-RG-M-BK Round magnetic grille, medium, black**  
Order number **C-RG-M-BK | F.01U.420.259**

**C-SQ-M-WH1 Square magnetic grille, medium, white**  
Order number **C-SQ-M-WH1 | F.01U.420.261**

### Represented by:

|                                                                                                                               |                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
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