

## EVID-C8.1S-G2 Ceiling subwoofer 8" 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 C-ring for easy installation
- UL 1480A, UL 2043, CSA C22.2 No. 205 and IEC 62368-1 certified



The Electro-Voice EVID-C8.1S-G2 is a complete 8-inch subwoofer 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 subwoofer features a point-source design to improve off-axis response and overall uniform coverage.

The EVID-C8.1S-G2 utilizes a transformer that offers a selection of 3.75 (70-V only), 7.5, 15, 30 or 60 watts delivered to the subwoofer 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-C8.1S-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 subwoofer                      |
| 2        | Subwoofer 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) <sup>1</sup>             | 45 Hz – 380 Hz                  |
| Maximum SPL (continuous) (dB) <sup>2</sup>             | 113 dB                          |
| Maximum SPL (peak) (dB) <sup>2</sup>                   | 119 dB                          |
| Sensitivity (1 W, 1 m) <sup>3</sup>                    | 90 dB SPL 1 W, 1 m              |
| Coverage angle omnidirectional (°)                     | 360°                            |
| Power handling (continuous) (W) <sup>4</sup>           | 180 W                           |
| Power handling (peak) (W) <sup>4</sup>                 | 720 W                           |
| Long term power handling (continuous) (W) <sup>5</sup> | 150 W                           |
| Long term power handling (peak) (W) <sup>5</sup>       | 600 W                           |
| Nominal impedance (Ω) (Low Z)                          | 8 Ω                             |
| Transformer taps 70 V line (W) <sup>6</sup>            | 60 W; 30 W; 15 W; 7.5 W; 3.75 W |
| Transformer taps 100 V line (W) <sup>6</sup>           | 60 W; 30 W; 15 W; 7.5 W         |

|                                   |   |
|-----------------------------------|---|
| LF transducer size (in)           | 8 in  |
| Material                          | Steel   |
| 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)              | 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) <sup>7</sup>          | 16 lb   |
| Weight (kg) <sup>7</sup>          | 7.25 kg   |
| Shipping weight (lb) <sup>8</sup> | 40.8 lb   |
| Shipping weight (kg) <sup>8</sup> | 18.5 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 |

<sup>1</sup>Half-space (in-ceiling mounted) - UL tested (20 Hz to 20 kHz)

<sup>2</sup>Calculated

<sup>3</sup>Half-space (1 W/1 m)

<sup>4</sup>Continuous pink noise (2 hours)

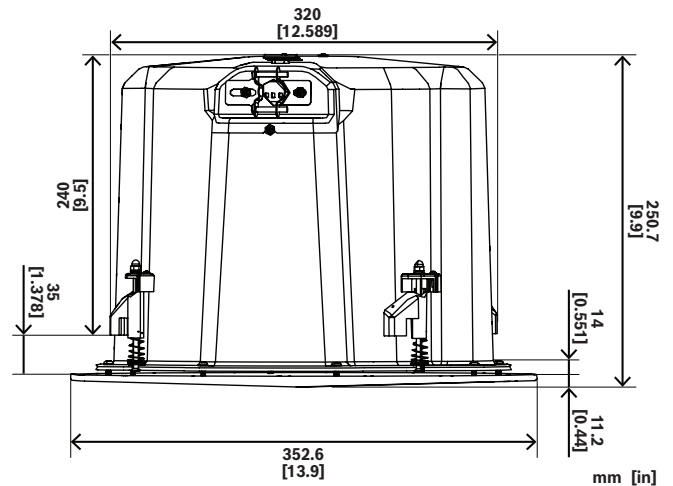
<sup>5</sup>Continuous pink noise (100 hours)

<sup>6</sup>Continuous pink noise (20 Hz to 20 kHz)

<sup>7</sup>Single product

<sup>8</sup>Pair of products

## Dimensions



## Installation note

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

## Ordering information

### EVID-C8.1S-G2 Ceiling subwoofer 8" white

Eight-inch ceiling subwoofer, 150 W (8 Ohms), 70/100 V (3.75 W to 60 W), white

Order number **EVID-C8.1S-G2 | F.01U.417.785**

### Accessories

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

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



<https://www.electrovoice.com>