Electro-Voice

EVID-EC6.2 Ceiling speaker 6.5" 70/100V white
EVID Entry Ceiling

- 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-EC6.2 is a complete 6.5-inch coaxial two-way loudspeaker that offers excellent sound quality and outstanding reliability with first-class aesthetics.
The EVID-EC6.2 utilizes a transformer that offers a selection of 1.88 (70-V only), 3.75, 7.5, 15 or 30 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^2-wire and provides pass through to additional speakers.
A mounting ring and a tile bridge are included for safe suspension of the EVID-EC6.2 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

Quantity	Component
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]	80 Hz – 20,000 Hz
Maximum SPL (continuous) (dB) [2]	110 dB
Maximum SPL (peak) (dB) [2]	116 dB
Sensitivity (1 W, 1 m) [3]	92 dB SPL 1 W, 1 m
Coverage angle conical (°)	110°
Power handling (continuous) (W) [4]	60 W
Power handling (peak) (W) [4]	240 W
Long term power handling (continuous) (W) [5]	40 W
Long term power handling (peak) (W) [5]	160 W
Nominal impedance (Ω) (Low Z)	8 Ω
Recommended high pass (Hz) [6]	70 Hz
Transformer taps 70 V line (W)	30 W; 15 W; 7.5 W; 3.75 W; 1.88 W
Transformer taps 100 V line (W)	30 W; 15 W; 7.5 W; 3.75 W
LF transducer size (in)	6 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)	10.70 in
Mounting cutout (mm)	272 mm
Dimensions (Ø x D) (in)	11.9 in x 6.1 in
Dimensions (Ø x D) (mm)	302 mm x 153.8 mm
Mounting depth (in)	5.9 in
Mounting depth (mm)	149 mm
Ceiling thickness (in)	0.5 in - 1.5 in
Ceiling thickness (mm)	12.5 mm - 38 mm
Weight (lb) [7]	7.9 lb
Weight (kg) [7]	3.6 kg
Shipping weight (lb) [8]	21.4 lb
Shipping weight (kg) [8]	9.7 kg
Weatherization	Indoor
IP rating	IP34
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 62368-1

[1] Half-space (in-ceiling mounted)
[2] Calculated
[3] Half-space (1 W/1 m)
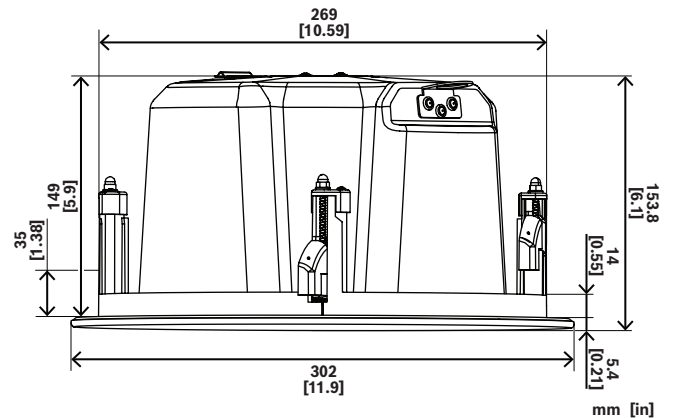[4] Continuous pink noise (2 hours)
[5] Continuous pink noise (100 hours)
[6] 24 dB/octave
[7] Single product
[8] Pair of products

Dimensions

mm [in]

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

Ordering information

EVID-EC6.2 Ceiling speaker 6.5" 70/100V white
Two-way 6.5-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-EC6.2 | F.01U.417.788**

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**

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