



# EVID-C4.2LP Ceiling speaker 4" low profile white

- Low profile 4" coaxial two-way (3.7" deep)
- Full bandwidth overload protection
- Front baffle wattage tap adjustment
- Includes tile bridge and mounting ring for easy installation
- UL1480A and CSA 22.2 205 certified



The Electro-Voice EVID-C4.2LP loudspeaker system is a complete two-way ceiling loudspeaker in a very low profile package. The package consists of a bezel assembly, grille, rear enclosure, 4-inch coax two-way loudspeaker and internal line-matching transformer. The loudspeaker features a waveguide coupled titanium coated dome tweeter. The EVID-C4.2LP loudspeaker utilizes a 2nd order crossover network at 2.5 kHz, with a comprehensive protection circuit to protect the network, woofer, and tweeter drivers from excessive power levels. The EVID-C4.2LP utilizes a transformer that offers a selection of 1.88 (70-V only), 3.75, 7.5 or 15 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 and bezel are constructed from UL 94V-0 rated ABS. The rear enclosure is constructed from zinc-plated, heavy gauge steel. The low profile enclosure makes it easy to mount in very tight spaces. A side cover provides access to a 4-pin terminal block that allows direct connection to the speaker with 12 gauge wire and provides pass through to additional speakers. A tile bridge is included for safe suspension of the EVID-C4.2LP ceiling systems in a drop ceiling that uses

mineral wool, or other fiber-based ceiling tiles. The EVID line of ceiling speakers has been designed to work together as a complete system in a wide range of different ceiling constructions. They provide wide dispersion, high-efficiency, high-maximum output, ease of installation, and wide-range reproduction of music or voice.

## Technical specifications

Frequency response:	60 Hz - 20 kHz
Sensitivity (SPL 1 W/1 m):	86 dB
Coverage pattern:	130° conical
Power handling (@ 8Ω):	50 W (with overload protection)
Rated Impedance:	8 Ω
Recommended High-Pass frequency:	65 Hz
Input configuration:	8Ω; 70V/100V
70V/100V power taps:	1.8 (70V only)/3.7/7.5/15/30 W
LF transducer:	4 in (100 mm) high-compliance driver (weatherized cone)

HF transducer:	0.75 in (19 mm) Ti-coated dome
Mounting system:	Integrated 4-point toggle anchors
Acoustic design:	Ported cabinet, two-way design, internally damped, w/passive crossover
Cabinet construction:	Steel enclosure and UL94V-0 rated baffle and bezel
Grille construction:	Powder-coated steel
Color:	White (paintable)
Cutout dimensions (diam.):	10.6 in (269 mm)
Dimensions (depth x diam.):	3.7 in x 11.8 in (94 mm x 300 mm)
Net weight:	7.35 lb (3.32 kg)
Included accessories:	Tile bridge, mounting ring
Safety agency ratings:	UL 1480 Safe for use in air handling spaces per UL 2043

**Architectural and engineering specifications:**

The EVID C4.2LP loudspeaker system shall be comprised of a UL 94V-0 fire rated ABS baffle/bezel assembly, zinc plated steel rear enclosure, powder coated grille with safety tether, transformer with 8 ohm bypass, and 4-inch polypropylene low frequency transducer with coaxially-mounted waveguide coupled 0.75 inch titanium coated dome tweeter. The loudspeaker shall meet the following criteria: power rating shall be 50 watts of EIA RS-426A pink noise (6 dB crest factor). Frequency response, uniform from 60 Hz to 20 kHz. Pressure sensitivity, 86dB SPL at 1 meter (3.3 feet) on axis with one watt of pink noise (ref. 20µPa). Minimum impedance, 6.0 ohms. The loudspeaker shall be 94 mm (3.7 in.) deep and 300 mm (11.8 in.) in diameter. Weight shall be 3.32 kg. (7.35 lb) The coaxial ceiling loudspeaker shall be the Electro-Voice model EVID-C4.2LP.

**Parts included**

Quantity	Component
2	Speaker systems
4	Tile rails
2	C-ring supports
2	Grilles
1	Owner's manual
4	Support ring screws
2	Terminal connectors
1	Service center card
1	Cutout template
2	Paint shields

**Ordering information****EVID-C4.2LP Ceiling speaker 4" low profile white**

Two-way 4" ceiling speaker, with internal 15W 70/100 volt line transformer with 8 Ohm bypass, (packaged in pairs), white

Order number **EVID C4.2LP**

**Accessories****RPK-82-B RPK-82 KIT, ROUGH IN PLATE W/JUNCTION BO**

RPK-82 Kit, Rough in plate w/junction box

Order number **RPK-82-B**

**RR-82-B RR-82 KIT, ROUGH-IN MOUNTING PLATE, EVID**

Rough-in mounting plate for new construction for use with the EVID C4.2 (4 pcs)

Order number **RR-82-B**

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