

PRELIMINARY

EVIDN-C6 PoE Ceiling speaker 6.5" white

EVIDn Ceiling

- Designed for PoE+ and PoE
- Dante and AES67 compatibility for networked audio applications
- IEEE 802.1x support for secure network authentication
- Integrated Web UI for configuration, monitoring, and diagnostics
- SwiftLock mounting system for quick, safe, and reliable installation
- Bezel-less design with easy-attach magnetic grille



The Electro-Voice EVIDn-C6 is a complete 6.5-inch two-way PoE network ceiling loudspeaker that combines premium sound quality, modern aesthetics, and simplified IP-based deployment. Featuring integrated amplification, Dante and AES67 networked audio, and support for both PoE+ and PoE standards, the EVIDn-C6 delivers audio, power, control, and monitoring through a single standard network connection. Designed for background and foreground music, paging, and commercial sound reinforcement applications, the EVIDn-C6 is ideal for hospitality, retail, corporate, education, healthcare, and other professional environments. Integrated DSP, loudspeaker supervision, and network-based management capabilities simplify system design, commissioning, and long-term operation while reducing installation complexity and infrastructure requirements. Enterprise-grade security features, including IEEE 802.1X network authentication, support secure deployment within modern IT-managed networks. Configuration, monitoring, and tuning are performed through an intuitive onboard Web UI accessible from any standard web browser, eliminating the need to install dedicated software and enabling fast setup from virtually any device. The perforated grille is finished in semi-gloss white powder-coated enamel for a clean architectural appearance, while the baffle is constructed from UL 94V-0-rated ABS and the rear enclosure from heavy-gauge coated steel for long-term durability and reliability. A mounting ring and tile bridge are included to support fast, secure installation in suspended ceiling systems using mineral wool or other fiber-based ceiling tiles.

As part of the EVIDn family, the EVIDn-C6 integrates seamlessly with other EVIDn ceiling and surface-mount loudspeakers, providing a consistent and scalable networked audio solution throughout a facility.

Parts included

Make sure that all parts are included and not damaged. If the packaging or any parts are damaged, contact your shipper. If any parts are missing, contact your Sales or Customer Service Representative.

Quantity	Component
1	Ceiling loudspeaker with terminal cover (installed) and magnetic grille
1	C-Ring
1	Cutout template
4	Ceiling tile rail ¹
2	Screw
1	Paint cover
1	Quick installation guide

Technical specifications

Frequency range (-10 dB) (Hz) ¹	80 Hz – 20,000 Hz
Maximum SPL (continuous) (dB) ²	99 dB
Maximum SPL (peak) (dB) ²	114 dB
Coverage angle conical (°)	110°
LF transducer size (in)	6.5 in
HF transducer size (in)	1 in
Protocols / standards	Dante; AES67
Connector type	Shielded RJ45 (100 base-TX, 1000 base-TX)

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Amplifier type	15W Class D amplifier
DSP features	Ducker, Delay, PEQ, Low Shelf, High Shelf, Low Pass, High Pass, Notch, Low Shelf Q, High Shelf Q
PoE input	PoE IEEE 802.3af; PoE+ IEEE 802.3at
Power consumption (W) (max)	PoE+: 30 W PoE: 15.4 W
Power on Idle (W)	4.5 W
Material	Steel
Grille material	Powder coated steel
Color	White; Customized colors
Color (RAL)	RAL 9003 Signal white
Dimensions (Ø x D) (in)	11.9 in x 6 in
Dimensions (Ø x D) (mm)	302 mm x 153.8 mm
Weight (lb)	10 lb
Weight (kg)	4.52 kg
Shipping weight (lb)	14 lb
Shipping weight (kg)	6.31 kg
Mounting cutout (in)	10.70 in
Mounting cutout (mm)	272 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
IP rating	IP34
Usage	Indoor
Operating temperature (°F)	32 °F – 122 °F
Operating temperature (°C)	0 °C – 50 °C
Safety agency ratings	UL 2043, IEC 62368-1, UL/CSA 62368-1
EMC agency ratings	EN 55035, EN 55032, EN 50121-4, FCC Part 15 Class B, ICES-003
Protection	RMS output power limiter; Peak current limiter; Thermal fuse; Clip limiter; Rail limiter; Power limiter
LED indication	Off - OK Green Blinking - Identification Red - Error

¹Half-space (in-ceiling mounted)

²Calculated

Ordering information

EVIDN-C6 PoE Ceiling speaker 6.5" white

6.5-inch two-way PoE ceiling loudspeaker with wide 130° coverage and integrated DSP

Order number **EVIDN-C6 | Z.01X.003.661**



<https://www.electrovoice.com>