CL-6P-LP

Low Profile 6.5”, In-ceiling two-way closed back co-axial passive speaker

| Speakers



The CL-6P-LP – low profile, premium 2-way closed back passive ceiling speaker.
The CL-6P-LP is a plenum-rated, low-profile, closed-back ceiling speaker designed specifically for speech intelligibility-focused environments such as meeting rooms, conferencing spaces, and collaboration areas.
Engineered with a present mid-range acoustic profile and wider dispersion, the CL-6P-LP delivers clear, consistent speech coverage across the room - reducing listener fatigue and improving communication effectiveness.
Supporting both 8Ω low-impedance and 70V/100V high-impedance distributed audio systems, the CL-6P-LP offers maximum deployment flexibility for professional installations. Its closed-back, low-profile design makes it ideal for shallow ceiling spaces where traditional ceiling speakers cannot be installed.
The CL-6P-LP features front-access wiring for fast installation and simplified maintenance. Black and white magnetic grilles are included to seamlessly match any interior design

FEATURES

- Premium sound with high SPL and wide dispersion
- Plenum rated UL2043 & UL1480A
- Low-impedance (8Ω) / high-impedance (70V/100V)
- Power ratings: 30 W continuous pink noise / 45 W continuous program
- Sensitivity (1W@1m, free field): 90dB SPL
- Maximum SPL (@1m): Continuous: 105dB SPL / Peak: 107dB SPL
- Industrial design: black & white bezel-less magnetic grills included in the box, Low profile - light weight, front-access wiring
- Eco-friendly mono-material packaging
- Included in the Box - 1 speaker (single unit), 2 speakers are packed in a single master box
  Installation kit including and C-ring and bolts (mounting rails are not included and should be purchased separately)
  2 magnetic grills (1 white and 1 black per speaker)
  4–pin pluggable Euroblock connector, 28–12AWG
  Cutout template
  Accessories (bracket bolts, UL cable passthrough, Silicon cable passthrough, zip tie for securing the speaker cable)
  Quick Start Guide

TECHNICAL SPECIFICATIONS

DESCRIPTION:	Low profile 6.5”, 2−way coaxial passive speaker with Transformer tap for both low−impedance (8Ω) and high−impedance (70V/100V) modes. White & Black magnetic grills included in the box
Audio	Driver: LF Driver: 165 mm (6.5 in) high output driver with polypropylene cone and rubber surround HF Driver: 19 mm (0.75 in) liquid cooled soft−dome tweeter Frequency characteristics Frequency Range (-10dB): 80Hz−20kHz Frequency Response (±3dB) 90Hz−18kHz Dispersion angle: 106 deg. conical dispersion (1 kHz to 4 kHz) Power ratings @ 8Ω Low impedance: 30W continuous / 45W peak @ 100 V High impedance: 30W/15W/7.5W @100 V High impedance: 30W/15W/7.5W/3.8W Sound Pressure Level (SPL) Sensitivity (1W@1m, free field) 90dB SPL Maximum SPL: Continuous: 105dB SPL / Peak: 107dB SPL
MECHANICAL	Installation Type: In−ceiling speaker installation with brackets and C−ring Mounting: 4–point screw down Dog–Ear clamp, up to 60mm / 2.36” ceiling thickness Connectors: 4–pin pluggable Euroblock connector, 28–12AWG Cutout: Cutout template included in the box Weight per single speaker: 3kg (6.6lbs) Dimensions Depth (ceiling clearance): 115mm / 4.53” Back enclosure outer diameter: 250mm / 9.84” Cutout diameter: 252mm / 9.92” Grill diameter: 282mm / 11.1” Shipping dimensions (Single unit) 366mm x 366mm x 165mm/ 14.4" x 14.4" x 6.5" Shipping dimensions (2 units in master box): 385mm x 385mm x 380mm/ 15.2" x 15.2" x 15" Shipping weight (single units) 4.6kg (10.2lbs) Shipping weight (Master Box with 2 single units): 9.8kg (21.6lbs) Packaging Eco–friendly mono–material packaging made entirely from recyclable carton, designed for durability and ease of recycling Material Grill: Black/White Powder Coated Steel, Magnetic, with cloth, paintable

	Baffle: V−0 Flame Retardant Back enclosure: powder−coated steel Environmental Operating Temperature: −5° to +50°C (23° to 122°F) Storage Temperature: −10° to +55°C (14° to 131°F) Humidity: 30% to 85%, RHL non−condensing
NORMATIVA REGULADORA	Safety UL 2043 Certified: Plenum rated for safe use in air−handling spaces, meeting fire and smoke standards UL1480A Certified: Meets safety standards for fire−protective signaling in commercial spaces Environmental : RoHS, REACH, WEEE
In the Box	1 speaker (single unit), 2 speakers are packed in a single master box Installation kit including C−ring and bolts (mounting rails are not included and should be purchased separately) 2 magnetic grills (1 white and 1 black per speaker) 4–pin pluggable Euroblock connector, 28–12AWG Cutout template Accessories (bracket bolts, UL cable passthrough, Silicon cable passthrough, zip tie for securing the speaker cable) Quick Start Guide