



## CL-4P

4", In-ceiling, two-way, closed back co-axial passive speaker

| Speakers



The CL-4P is a plenum rated low-profile high-performance ceiling speaker that provides exceptional sound with high SPL. The speaker was designed with present mid-range optimized for speech clarity and background music. The speaker supports both  $8\Omega$  low impedance as well as several 70V/100V high impedance modes. The speaker's low profile and light weight make it ideal for light ceilings with low clearance without compromising on the sound quality. Features front-access wiring for easy installation and troubleshooting. Both black & white magnetic grills are included in the box.

The CL-4P Ceiling Speaker is a premium stylish solution for delivering high-quality sound in professional conferencing and meeting rooms and for background music applications

## FEATURES

**Package Includes** - 1 speaker (single unit), 1 C-ring, 2 magnetic grills (1 white and 1 black), 1 Terminal block, Cutout template, Accessories (bracket bolts, UL-compliant cable passthrough, Silicon cable passthrough, zip tie for securing the speaker cable)



## TECHNICAL SPECIFICATIONS

---

**DESCRIPTION:** 4", 2-way coaxial passive closed back ceiling speaker with Transformer tap for both low-impedance (8 $\Omega$ ) and high-impedance (70V/100V) modes. White & Black magnetic grills included in the box

### Audio

#### Driver:

LF Driver: 100 mm (4") 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): 90Hz-18kHz

Frequency Response ( $\pm 3$ dB): 110Hz-18kHz

Dispersion angle: 125° conical dispersion (1 kHz to 4 kHz)

#### Power ratings

@ 8 $\Omega$  Low impedance: 20 W (rms) continuous pink noise / 30 W (rms) continuous program

@ 100 V High impedance: 20W/10W/5W

@ 100 V High impedance: 20W/10W/5W/2.5W

#### Sound Pressure Level (SPL)

Sensitivity: (1W@1m, free field): 87dB SPL

Maximum SPL: Continuous: 100dB SPL / Peak: 102dB SPL

### Mechanisch

#### Installation

Type: In-ceiling speaker installation with brackets and C-ring

Mounting: 3-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: 2kg (4.4lbs)

#### Dimensions

Depth (ceiling clearance): 100mm / 4"

Back enclosure outer diameter: 203mm / 8"

Cutout diameter: 205mm / 8.1"

Grill diameter: 327mm / 9.1"

#### Shipping

Packed in pairs

Shipping dimensions (pair + accessories): 720mm x 350mm x 185mm / 28.4" x 13.8" x 7.3"

Shipping weight (pair + accessories): 7.3kg (16lbs)

Packaging: Eco-friendly mono-material packaging made entirely from recyclable carton, designed for durability and ease of recycling

#### Materials

Baffle: ABS765A Flame Retardant

Grill: Black/White Powder Coated Steel, Magnetic, with cloth, paintable

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

Verordnung

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

TAA compliant option

In the Box

1 speaker (single unit), 1 C-ring, 2 magnetic grills (1 white and 1 black), 1 Terminal block, Cutout template, Accessories (bracket bolts, UL-compliant cable passthrough, Silicon cable passthrough, zip tie for securing the speaker cable)