



CL-4P

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

| Speakers



The CL-4P – low-profile high performance, 2-way passive in-ceiling speaker

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 8Ω 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

FEATURES

Premium sound with low profile & small form factor

Plenum rated UL2043 & UL1480A

Low-impedance (8Ω) / high-impedance (70V/100V)

Power ratings: 20 W continuous / 30 W peak

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

Maximum SPL (@1m): Continuous: 100dB SPL / Peak: 102dB 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: 4", 2-way coaxial passive closed back ceiling speaker with Transformer tap for both low-impedance (8 Ω) 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 (± 3 dB): 110Hz-18kHz

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

Power ratings

@ 8 Ω Low impedance: 20W continues / 30W peak

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

@ 70 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

MECHANICAL

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: 2.18kg (4.81lbs)

Dimensions

Depth (ceiling clearance): 100mm / 4"

Back enclosure outer diameter: 203mm / 8"

Cutout diameter: 205mm / 8.1"

Grill diameter: 327mm / 9.1"

Shipping

Shipping dimensions (single unit): 320mm x 320mm x 166mm / 12.6" x 12.6" x 6.6"

Shipping dimensions (2 units in a Master box): 330mm x 330mm x 348mm / 13.0" x 13.0" x 13.7"

Shipping weight (single unit): 3.28KG / 7.23lbs

Shipping weight (2 units in a Master box): 6.95KG / 15.4lbs

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, removable logo

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

REGULATORY

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 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