



CL-8P-SUB

8", Passive In-Ceiling Subwoofer

| Speakers



The CL-8P-SUB is an In-Ceiling Passive Subwoofer that enhances any space with deep, rich bass while seamlessly integrating into the ceiling. Designed for both low impedance (8Ω) and high impedance (70V/100V) systems, it offers implementation flexibility. Features front-access wiring for easy installation and troubleshooting. Both black & white magnetic grills are included in the box

FEATURES

Enhances the sound of every space
Plenum rated UL2043 & UL1480A
Low-impedance (8Ω) / high-impedance (70V/100V)
Power ratings: 8W continuous / 120W peak
Sensitivity (1W@1m, free field): 84dB SPL
Maximum SPL (@1m): Continuous: 103dB SPL / Peak: 105dB SPL
Industrial design: black & white bezel-less magnetic grills included in the box, front-access wiring
Eco-friendly mono-material packaging
Included in the Box - 1 speaker (single unit), 1 speaker box packed in a 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: 8" passive In Ceiling Subwoofer 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: 200 mm (8 in) with polypropylene cone, butyl rubber surround, copper-clad coil, vented aluminum former

Frequency characteristics

Frequency Range (-10dB): 45Hz–570Hz

Frequency Response ($\pm$ 3dB) 80Hz–500Hz

Dispersion angle: Omnidirectional

Power ratings

@ 8 Ω Low impedance: 80W continuous / 120W peak

@ 100 V High impedance: 80W/40W/20W

@ 70 V High impedance: 80W/40W/20W/10W

Sound Pressure Level (SPL)

Sensitivity (1W@1m, free field) 84dB SPL

Maximum SPL: Continuous: 103dB SPL / Peak: 105dB 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: 8.05kg (17.75lbs)

Dimensions

Depth (ceiling clearance): 315mm / 12.4"

Back enclosure outer diameter: 295mm / 11.62"

Cutout diameter: 297mm / 11.7"

Grill diameter: 327mm / 12.9"

Shipping

Packed as single, single box packed in a master box

Single box dimensions (single unit): 430mm x 430mm x 378mm / 17" x 17" x 15"

Master box dimensions (single unit): 438mm x 438mm x 391mm / 17.3" x 17.3" x 15.4"

o Master box weight: 11.4KG / 25.2lbs

Packaging Eco-friendly mono-material packaging made entirely from recyclable cartons, 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

BALANCED LINE
LEVEL INPUT

Single Box weight: 10.6KG / 23.4lbs

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), 1 speaker box packed in a 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)

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