



kramer

CL-8P

High performance 8", In-ceiling, closed back
co-axial two-way passive speaker

| Speakers



Kramer CL-8P – high performance, 8" two-way passive in-ceiling speaker

The CL-8P is a plenum rated 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 high performance and sound quality make it ideal for high-end areas with high ceilings such as auditoriums, hotel lobbies and boardrooms. Features front-access wiring for easy installation and troubleshooting. Both black & white magnetic grills are included in the box

FEATURES

- Premium sound with high SPL
- Plenum rated UL2043 & UL1480A
- Low-impedance (8Ω) / high-impedance (70V/100V)
- Power ratings: 60W continuous / 90W peak
- Sensitivity (1W@1m, free field): 90dB SPL
- Maximum SPL (@1m): Continuous: 108dB SPL / Peak: 110dB 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), 1 speaker box packed in a 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



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TECHNICAL SPECIFICATIONS

DESCRIPTION: 8", 2-way coaxial passive closed back ceiling 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: 200 mm (8 in) with polypropylene cone and rubber surround

HF Driver: 25 mm (1 in) liquid cooled soft-dome tweeter

Frequency characteristics

Frequency Range (-10dB): 55Hz-20kHz

Frequency Response (±3dB) 70Hz-20kHz

Dispersion angle: 82 deg. conical dispersion (1 kHz to 4 kHz)

Power ratings

@ 8Ω Low impedance: 60W continuous / 90W peak

@ 100 V High impedance: 60W / 30W / 15W

@ 70 V High impedance: 60W / 30W / 15W / 7.5W

Sound Pressure Level (SPL)

Sensitivity(1W@1m, free field) 90dB SPL

Maximum SPL: Continuous: 108dB SPL / Peak: 110dB 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: 6.23kg (13.7lbs)

Dimensions

Depth (ceiling clearance): 270mm / 10.7"

Back enclosure outer diameter: 295mm / 11.6"

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 338mm / 17" x 17" x 13.3"

Master box dimensions (single unit): 438mm x 438mm x 351mm / 17.3" x 17.3" x 13.9"

o Master box weight: 9.2KG / 20.3lbs

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, 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

BALANCED LINE
LEVEL INPUT

Single Box weight: 8.5KG / 18.8lbs

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 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