



kramer

CL-6D

6.5 inch PoE powered, Dante, in- ceiling speaker

| Speakers



Kramer CL-6D – 6.5" two-way PoE powered Dante in-ceiling speaker

Kramer's CL-6D, 6.5" PoE powered Dante in-ceiling speaker delivers premium audio performance. Use Kramer's speaker utility software to access the built-in mixer, DSP (digital sound processor) and amplifier that allow the mixing of two channels. Fine-tune the sound with the parametric equalizer, low and high pass filters (LPF & HPF) an input compressor and output limiter. There is also power management and a find me tone. The speaker also features front-access wiring and a reset button for easy installation and troubleshooting. Interchangeable black and white magnetic grills are included in the box

FEATURES

- PoE powered Dante speaker with premium sound and slick design
- Supports PoE++/PoE+/PoE (auto-negotiate)
- Built-in mixer, DSP (digital sound processing) and amplifier for two-channel mixing, parametric equalizer, high and low pass filters, input compressor, output limiter and advanced power settings

Power Handling: -

- PoE++: 10W RMS / 30W continuous program
- PoE+: 10W RMS / 20W continuous program
- PoE: 10W RMS / 10W continuous program
- Auto protect feature reduces output power ife the built-in amplifier gets critically hot

Sound Pressure Level (SPL): -

- Sensitivity (1W@1m, free field): 88dB SPL (sound pressure level)
- Maximum SPL: Continuous: 98dB SPL / Peak: 103dB SPL

Regulatory compliance: -

- Plenum rated UL 2043, UL 1480A
- IEC62368(CB) / CE LVD, UL62368
- FCC+IC, BIS, RCM
- RoHS, REACH, WEEE

- TAA compliant option

- Industrial design: black & white bezel-less magnetic grills included in the box, front-access wiring

- Eco-friendly mono-material packaging

The CL-6D Ceiling Speaker is a premium PoE Dante ceiling speaker for large scale installations

Included 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)



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TECHNICAL SPECIFICATIONS

DESCRIPTION:	6.5" two-way PoE powered Dante In-Ceiling Speaker. White & Black magnetic grills included in the box
Audio	<p>Driver:</p> <ul style="list-style-type: none">• 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 <p>Frequency characteristics</p> <ul style="list-style-type: none">• Frequency Range (-10dB): 70Hz-20kHz• Frequency Response (± 3dB): 80Hz-18kHz• Dispersion angle: 106o conical dispersion (1 kHz to 4 kHz) <p>Power Handling</p> <ul style="list-style-type: none">• PoE++: 10W (rms) continuous pink noise / 30W continuous program• PoE+: 10W (rms) continuous pink noise / 20W continuous program• PoE: 10W (rms) continuous pink noise / 10W continuous program <p>Sound Pressure Level (SPL)</p> <ul style="list-style-type: none">• Sensitivity (1W@1m, free field): 88dB SPL• Maximum Sound Pressure Level (SPL) @1m: ◦ PoE++: Continuous: 98dB / Peak: 103dB ◦ PoE+: Continuous: 98dB / Peak: 101dB ◦ PoE: Continuous: 98dB / Peak: 98dB
Mechanisch	<p>Installation</p> <p>Type: In-ceiling speaker installation with brackets and C-ring</p> <p>Mounting: 4-point screw down Dog-Ear clamp, up to 60mm / 2.36" ceiling thickness</p> <p>Connectors: RJ-45, factory reset button</p> <p>Cutout: Cutout template included in the box</p> <p>Weight per single speaker: 3.5kg (8.3lbs)</p> <p>Dimensions</p> <p>Depth (ceiling clearance): 220mm / 8.66"</p> <p>Back enclosure outer diameter: 250mm / 9.84"</p> <p>Cutout diameter: 252mm / 9.92"</p> <p>Grill diameter: 282mm / 11.1"</p> <p>Shipping</p> <p>Packed in pairs</p> <p>Shipping dimensions (pair + accessories): 720mm x 350mm x 306mm/ 28.4" x 13.8" x 12.1"</p> <p>Shipping weight (pair + accessories): 11kg (24.3lbs)</p> <p>Packaging: Eco-friendly mono-material packaging made entirely from recyclable carton, designed for durability and ease of recycling</p> <p>Materials</p> <p>Baffle: ABS765A Flame Retardant</p>

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

IEC 62368 (CB) / CE LVD: Safety standard for audio equipment addressing risks related to electrical, mechanical, and environmental factors in low-voltage devices

UL 62368: safety of audio, equipment by addressing potential hazards through risk-based performance criteria for electrical and mechanical systems

BIS (India): ensures that products meet safety, quality, and performance requirements specific to the Indian market, promoting reliability and consumer protection

RCM (Regulatory Compliance Mark): ensures compliance with electrical safety, electromagnetic compatibility (EMC), and radiofrequency (RF) standards for products in Australia and New Zealand

EMI: FCC / IC - Ensure compliance with regulations for electromagnetic interference (EMI) and radio frequency (RF) emissions, ensuring that devices operate safely and do not cause harmful interference

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)