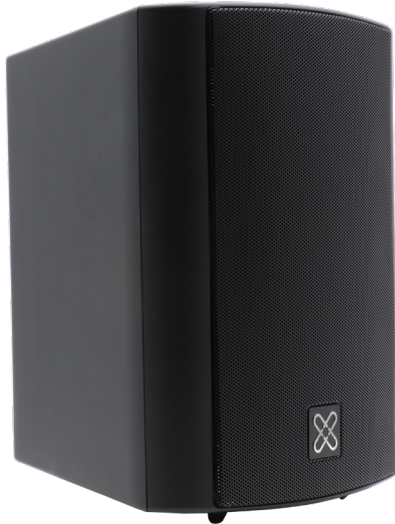


# CIP™ Series

CIP™ 5 - 2-way PoE++ Powered Speaker

CREST  
AUDIO®

PRELIMINARY



## Description

The CIP 5 features a 5.25 inch woofer and a 0.75 inch tweeter, combining high efficiency with versatile installation options, making it ideal for a wide range of audio applications.

With exceptional sound quality and a rich tonal palette, the CIP 5 effortlessly adapts to various music genres. Whether it is cinematic depth of movie soundtracks, the rhythmic intensity of hip-hop, the electrifying energy of hard rock, or the sophisticated elegance of contemporary jazz and modern pop, it delivers every nuance with clarity and precision.

Designed with Dante® audio networking technology, the CIP 5 features a RJ-45 connector that supports seamless integration into Dante-enabled systems, ensuring stable, low-latency, and highly efficient digital audio transmission. Additionally, the CIP 5 is equipped with Power over Ethernet (PoE++) functionality, allowing both power and audio signals to be delivered via a single Ethernet cable, simplifying installation and reducing cable clutter.

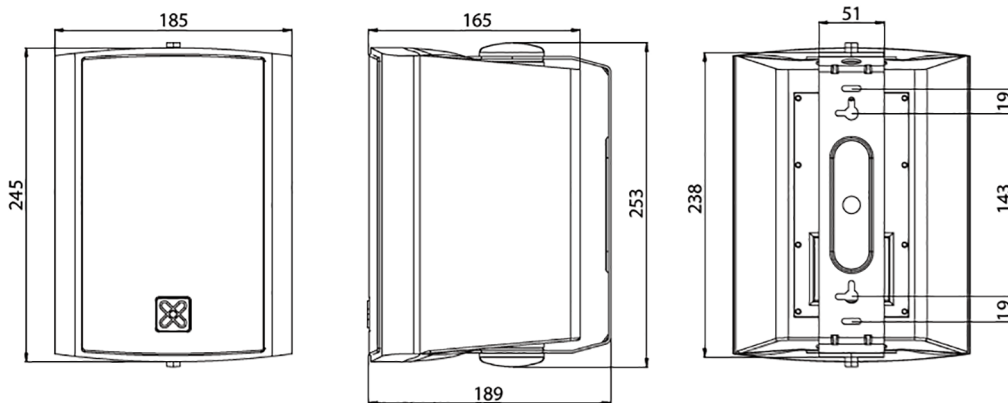
These advanced features make the CIP 5 an outstanding choice for professional networked audio environments, providing exceptional performance and installation flexibility.

## Features

- Compact two-way PoE++ powered loudspeaker
- Premium 5.25" woofer, 1" voice coil
- 0.75" dynamic tweeter, 0.75" voice coil
- Continuous power handling: 30 Watts
- Nominal impedance: 8 Ohms
- Coverage pattern (HxV): 90° x 60°
- Supports Power over Ethernet (PoE++ IEEE 802.3bt Type 3)
- Connectors: 1 x RJ-45 (Dante® & PoE++)
- Fire-rated injection-molded plastic enclosure
- U-Bracket included
- Available in Black

Configuration:	2-way POE++ Powered Speaker	Pole Mount:	n/a
Power Continuous (Watts):	30	U-Bracket:	Included
Power Peak (Watts):	60	Enclosure Design:	Trapezoidal Sealed Enclosure
Sensitivity (1W/1m):	85 dB	Enclosure Material:	Fire-rated Plastic
Max SPL Peak:	101 dB	Black Finish:	Matte Black Spray Paint
LF Driver:	1 x 5.25" (133 mm)	RAL #:	n/a
Woofer Voice Coil:	1" (25 mm)	White Finish:	n/a
HF Driver:	1 x 0.75" (20 mm)	RAL #:	n/a
HF Driver Voice Coil:	0.75" (20 mm)	Tweeter Protection:	No
Nominal Coverage (HxV):	90° x 60°	Rubber Feet:	No
Frequency Range (-10 dB):	55 Hz - 20 kHz (wall mounted / free space 63 Hz)	Handles:	No
Frequency Response (±3 dB):	65 Hz - 20 kHz (wall mounted / free space 81 Hz)	Loop Thru (2+/2-):	n/a
Nominal Impedance:	8 Ohms	Logo Position on Grille:	Bottom Center
Input Connectors 1:	1 x RJ-45 (Dante® & POE++ IEEE 802.3bt Type 3)	Logo Size:	25 x 25 mm
Input Connectors 2:	n/a	Grille Foam Backing:	Yes (acoustically transparent)
Suspension Points Top:	n/a	Grille Mesh Size (mm):	Φ1.2 x P1.7
Suspension Points Bottom:	n/a	Net Weight:	5.7 lbs (2.6 kg)
Suspension Points Rear:	n/a	Dimensions w/o U-Bracket (HWD):	9.65" x 7.28" x 6.50" (245 x 185 x 165 mm)
Mounting Points for U-Bracket:	2 (1 x top & 1 x bottom)	Dimensions with U-Bracket (HWD):	9.96" x 7.28" x 7.44" (253 x 185 x 189 mm)

## Dimensions



## Architect's & Engineer's Specifications

The compact powered PoE++ loudspeaker shall have a frequency response from 65 Hz to 20 kHz (10 dB below rated sensitivity, when wall mounted, with no external equalization). Nominal impedance shall be 8 Ohms. The peak SPL with inaudible distortion shall reach 101 dB with music as a source, when measured at a distance of 1 m driven to full output capacity. The system shall consist of a 5.25 inch (133 mm) low frequency transducer with 1 inch (25 mm) voice coil and a 0.75 inch (20 mm) dynamic tweeter with 0.75 inch (20 mm) voice coil. The nominal radiation pattern shall be 90° in horizontal plane and 60° in vertical plane. The powered, bi-amplified PoE++ loudspeaker shall have an RJ-45 Ethernet connector on the rear panel. This connector shall accept a Dante signal for audio, as well as the PoE++ power voltage per IEEE 802.3bt Type 3. There shall be an external, 5.5 mm by 2.1 mm barrel type, power input jack, which will accept external 24 VDC power supplies, capable of delivering 3A of filtered DC power.

The system power amplifiers shall have an unfiltered frequency response of 20 Hz to 20 kHz which deviates no more than +0, -3 dB up to rated power, hum and noise better than 90 dB below rated power, and THD and IMD less than 1%. The woofer amplifier shall be capable of 20 Watts sine wave power output into an 8 Ohms nominal load, and the tweeter amplifier shall be capable of 20 Watts sine wave power into 8 Ohms nominal load, before compression and/or limiting engage.

The input signal shall be electronically divided into high frequencies and low frequencies by a line-level electronic crossover. The low frequencies shall be processed to provide bass boost, subsonic filtering and overall response shaping. High frequencies shall be equalized for response shaping.

The enclosure shall be constructed of injection-molded plastic with a UL flame rating, and reinforcing ribs internally. An U-Bracket shall be supplied with the speaker system for wall-mount use, held in place with two M8 threaded knobs, one each on top and bottom. A metal grille shall be provided for overall driver protection, and shall have an acoustically transparent foam backing for protection from environmental debris.

The loudspeaker shall be 9.96 inches (253 mm) high by 7.28 inches (185 mm) wide by 7.44 inches (189 mm) deep, weighing 5.7 pounds (2.6 kg) including the U-Bracket. The finish shall be a matte black paint. Power requirements shall be: PoE++ IEEE 802.3bt Type 3, nominally via a 60 Watts rated power injector or powered PoE++ switcher (not included) or an external power supply of 24 VDC at 3A.

The compact PoE++ powered loudspeaker shall be the Crest Audio CIP 5 with included U-Bracket.