

CIP™ Series

CIP™ 26 - 2-way PoE++ Powered Speaker



PRELIMINARY



Description

The Crest Audio CIP 26 is a high performance port tube enclosure that features two 6.5 inch woofers and a 1 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 performance, the CIP 26 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 26 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 26 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.

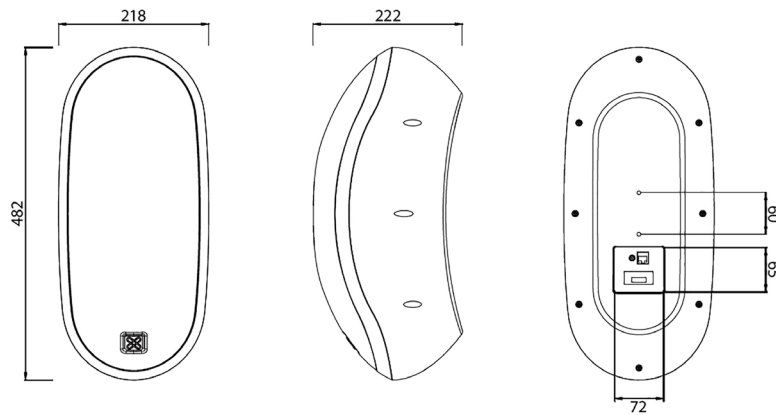
These advanced features make the CIP 26 an outstanding choice for professional networked audio environments, providing exceptional performance and installation flexibility.

Features

- Compact two-way PoE++ powered loudspeaker
- Two premium 6.5" woofers, 1.5" voice coil
- 1" dynamic tweeter, 1" voice coil
- Continuous power handling: 30 Watts
- Nominal impedance: 8 Ohms
- Coverage pattern (HxV): 120° x 75°
- Supports Power over Ethernet (PoE++ IEEE 802.3bt Type 3)
- Connectors: 1 x RJ-45 (Dante® & PoE++)
- Fire-rated injection-molded plastic enclosure
- Unique oval port tube enclosure design
- Wall mount bracket included
- Available in Black

Configuration:	2-way POE++ Powered Speaker	Pole Mount:	n/a
Power Continuous (Watts):	30	Wall Mount Bracket:	Included
Power Peak (Watts):	60	Enclosure Design:	Oval Port Tube Enclosure
Sensitivity (1W/1m):	88 dB	Enclosure Material:	Fire-rated Plastic
Max SPL Peak:	103 dB	Black Finish:	Matte Black Spray Paint
LF Driver:	2 x 6.5" (165 mm)	RAL #:	n/a
Woofer Voice Coil:	1.5" (38 mm)	White Finish:	n/a
HF Driver:	1 x 1" (25 mm)	RAL #:	n/a
HF Driver Voice Coil:	1" (25 mm)	Tweeter Protection:	No
Nominal Coverage (HxV):	120° x 75°	Rubber Feet:	No
Frequency Range (-10 dB):	65 Hz - 20 kHz	Handles:	No
Frequency Response (±3 dB):	75 Hz - 20 kHz	Loop Thru (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:	No
Suspension Points Top:	n/a	Grille Mesh Size (mm):	5 x 2.5
Suspension Points Bottom:	n/a	Net Weight:	12.8 lbs (5.8 kg)
Suspension Points Rear:	n/a	Dimensions w/o Bracket (HWD):	18.98" x 8.58" x 8.74" (482 x 218 x 222 mm)
Mounting Points for Bracket:	2 x M6 (on the rear for wall mount bracket)	Dimensions with Bracket (HWD):	TBA

Dimensions



Architect's & Engineer's Specifications

The compact PoE++ powered 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 103 dB with music as a source, when measured at a distance of 1 m driven to full output capacity. The system shall consist of two 6.5 inch (165 mm) low frequency transducer with 1.5 inch (38 mm) voice coil and a 1 inch (25 mm) dynamic tweeter with 1 inch (25 mm) voice coil. The nominal radiation pattern shall be 120° in horizontal plane and 75° 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 woofers 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 oval port tube enclosure shall be constructed of injection-molded plastic with a UL flame rating, and reinforcing ribs internally. A wall mount bracket shall be supplied with the speaker system for wall-mount use. 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 18.98 inches (482 mm) high by 8.58 inches (218 mm) wide by 8.74 inches (222 mm) deep, weighing 12.8 pounds (5.8 kg) including the wall mount 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 26 with included wall mount bracket.