

CI120

3-Way In-Wall Speaker with Extruded Aluminum Positive Clamping System



Specifications: CI120

Mounting hardware included

Nominal Impedance	4 ohms
Sensitivity dB @ 2.83V/1M	88 dB
Frequency Response (1)	42 Hz - 22 kHz
Recommended Power	20 - 200 Watts
Transducer - Low Frequency Driver	5.25" RPF® Flat-Piston Fiberglass & Kevlar Composite Cone w/ NBR Surround
Transducer - High Frequency Driver	1" Soft Dome with Unicell Acoustic Treatment
Crossover Type	2-Way Absolute Phase™
Colors	White
Enclosure alignment	Hybrid closed box system
Grille - material	White Powder-Coated Glvanized Magnetic Micro Flange Grille (paintable)
Height (SM = Height)	488.9 mm / 19.25 in
Diameter (SM = Width)	361.9 mm / 14.25 in
Depth	99.1 mm / 3.9"
Cutout Height (Surface Mount Height)	460.4 mm / 18.12"
Cutout Width/Diameter	336.6 mm / 13.25"
Cutout Depth	95.3 mm / 3.75"
Weight	9.0 kg / 20 lb
Shipping Weight	12.7 kg / 28 lb
Accessories Optional	Pre-Construction Bracket (AC-IW535-PCB)
Regulatory - CE	approved
Regulatory - RoHS	approved

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Description

Versatile, high-performance in-wall speaker that can be used to compliment an upper-end home system. The CI120 uses the same woofers and midrange/tweeter assemblies as the Premier Collection series. The tweeter and midrange assembly absorb the horizontal sound waves through Unicell Acoustic treatment to minimize interaction with the mounting wall - resulting in amazingly precise imaging and clarity. Additionally, the CI120 employs Phase Tech's patented Positive Clamping System, ensuring accurate control of low end performance and a clear reproduction of the sound into the listening space. 3.75" mounting depth allows this speaker to be mounted in shared walls.

The CI120 pairs with Premier Collection's [PC3.5](#) and [PC9.5](#)

Applications

Engineered for home theater or distributed audio applications where high-efficiency, added bass

response and rapid installation are critical. The CI120 pairs with Premier Collection's PC3.5 and PC9.5.

Patented Phase Technology Technologies

Phase Technology and MSE Audio Group constantly develop new technologies that enhance audio product performance. Phase Technology innovations are protected by multiple U.S. and international patents, which explicitly cover Phase Technology dispersion, enclosure and dome technologies. MSE Audio Group actively defends its patents in order to protect Phase Technology resellers and end users.

Technical Data and Specification Tools

Technical Data

Phase Technologies strives to provide complete and effective technical information and data to dealers, engineers and designers. All data are available from SoundTube Entertainment or at

www.soundtube.com. Technical data and downloads include: EASE™ data - 3-D polar plots. EASE™ Address - 2-D modeling for distributed systems Autodesk® Revit® software Tech Sheets - Technical information and architectural specs for system engineers SoundTubeSPEC™ - Proprietary speaker placement software

Data Acquisition and Verification

All data for Phase Technologies speakers are independently collected from and verified by NWAALabs (www.nwaalabs.com) using their proprietary MACH testing system. All data are collected and analyzed according to ASTM, ISO and AES standards using EASRA, TEF and MLSSA. Full balloon data including both phase and magnitude are compiled into a variety of formats including EASE 4.x, GLL and CLF.

Features

- Two 5.25 inch RPF flat-piston fiberglass & Kevlar composite woofers with butyl rubber surrounds, one 1 inch tweeter and one 1.5" synthetic soft dome midrange
- Limited Lifetime Warranty

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- Auto-Reset Overload Protection

- Absolute Phase Crossover Network

- Magnetic Micro-Flange Grille
- Positive Clamping System for a tight, nonresonant seal

- Unicell Acoustic Treatment for tweeter diffraction prevention

Phase Technology

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All Phase Technologies products come with a 5-year limited warranty.

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Optional Accessories

Pre-Construction Bracket (AC-IW535-PCB)