

# CI520

5.25" Coax In-Ceiling Speaker with  
Integrated Metal Backcan and  
Bypassable 70/100V Transformer



## Specifications: CI520

## Mounting hardware included

Nominal Impedance	16 ohms
Sensitivity dB @ 2.83V/1M	89 dB
Frequency Response (1)	65 Hz - 22 kHz
Recommended Power	10 - 80 Watts
Transducer - Low Frequency Driver	5.25" Polypropylene Cone w/ Butyl Rubber Surround
Transducer - High Frequency Driver	.75" Silk Dome
Colors	White
Enclosure alignment	Ported
Grille - material	Painted White Steel Grille
Diameter (SM = Width)	298.5 mm / 11.75"
Depth	152.4 mm / 6"
Cutout Width/Diameter	266.7 mm / 10.5"
Mounting Depth	154.7 mm / 6.09"
Weight	3.6 kg / 8 lb
Shipping Weight	4.1 kg / 9 lb
Accessories Optional	AC-CI20-PCB
Regulatory - UL	Approved UL1480A & UL2043
Regulatory - CE	approved
Regulatory - RoHS	approved

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## Description

The CI520 speaker has an integrated steel backcan and ported design for enhanced bass response with its 3/4" soft dome tweeter and 5.25" polypropylene woofer with butyl rubber surrounds. If 25/70.7/100V audio distribution is a preference, the CI520 comes with an integrated multi-tap transformer. All mounting hardware is included with each speaker and features Speedwing™ technology to ensure a fit in any drywall or drop-tile application. Tightening two screws locks the CI520 into place, creating an incredibly easy install. Incorporates a painted steel grille for lasted durability.

## 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](http://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 NWA Labs

([www.nwaalabs.com](http://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

- One 5.25 inch polypropylene woofer with butyl rubber surround
- One .75 inch silk dome tweeter
- Limited Lifetime Warranty
- Auto-Reset Overload Protection
- Absolute Phase Crossover Network
- Painted White Steel Grille
- Included Accessories: color-coded tile bridge, conduit clamp, paint shield
- Optional Accessories: pre-construction bracket (AC-CI20-PCB), tile bridge (ACCI20-TB)
- UL 1480 & 2043 Approved

## Transformer Taps:

70.7 V OUTPUT	100 V OUTPUT	25 V OUTPUT
20 W 100.5 dB	20 W 107.0 dB	2.5 W 98.0 dB
10 W 97.5 dB	10 W 104.0 dB	1.3 W 95.0 dB
5 W 94.5 dB	5 W 101.0 dB	0.63 W 92.0 dB
2.5 W 91.5 dB	2.5 W 98.0 dB	0.31 W 89.0 dB
1.25 W 88.5 dB		

## Architectural

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## Specifications

No specifications currently.

### **Phase Technology**

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All Phase Technologies

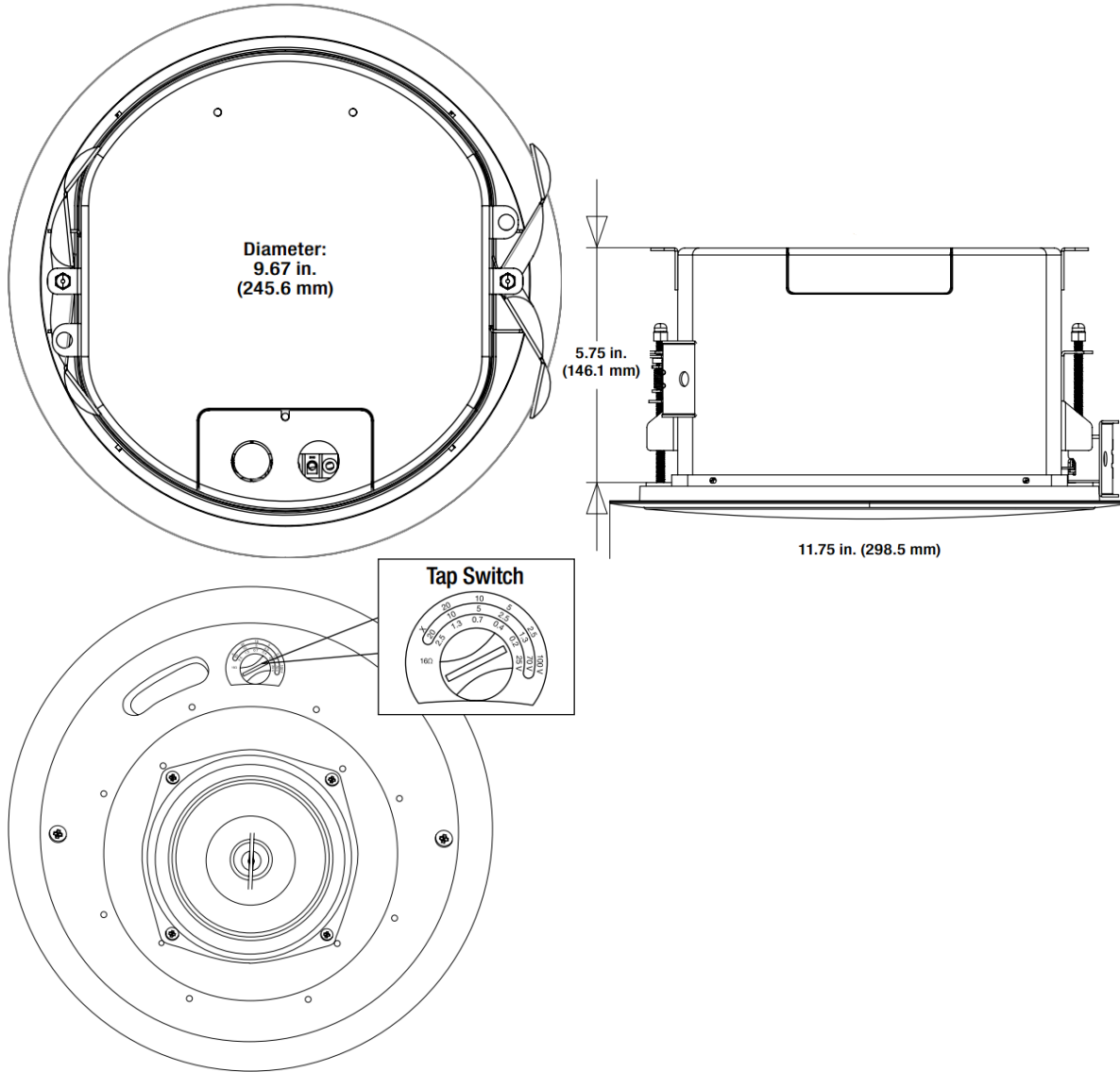
products come with a 5-year  
limited warranty.

# CI520

5.25" Coax In-Ceiling Speaker with Integrated Metal Backcan and Bypassable 70/100V Transformer

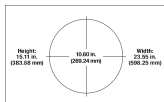


## Mechanical Drawings



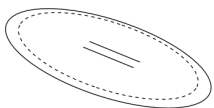
## Included Accessories

Paint Mask



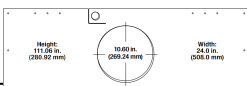
AC-CI20-TB  
2 wire nuts

UL listed flex conduit clamp



Hole Template

## Optional Accessories



AC-CI20-PCB

Phase Technologies manufactures a complete line of speakers for: Open-Ceiling • In-Ceiling • Surface-Mount • Outdoor • Sound-Focusing All SoundTube products are designed and engineered in the USA.