

Cisco Ceiling Speaker Pro





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Product overview

Cisco® Ceiling Speaker Pro is an intelligent, IP-based audio peripheral designed to provide natural, room-filling sound for modern meeting and collaboration spaces. It's an intelligent device that self-configures. When combined with Cisco video devices and IP microphones, it helps to create a complete, high-fidelity room audio system that supports spatial playback and amplification of remote participant voices, local presenter reinforcement, and local, multi-way voice lift in large and advanced spaces.

High-quality, equitable audio experience

The Cisco Ceiling Speaker Pro is designed to provide balanced and intelligible sound throughout the room so participants hear remote sound, in-room participant conversations across the table, and in-room presenters clearly from any seat. By delivering and distributing even coverage across the meeting area, it helps reduce hot spots, dead zones, feedback, and distracting volume variation.

In larger or more acoustically challenging spaces, the Ceiling Speaker Pro supports presenter reinforcement and voice lift scenarios to improve speech intelligibility and speaking comfort without requiring the presenter to raise their voice. Powered by edge-AI processing on the device, it works together with Cisco room accessories and the Cisco RoomOS platform to enable a more natural and inclusive meeting experience for both in-room and remote participants.



Faster to deploy and simpler to manage

The IP loudspeaker is designed for streamlined AV and IT deployment through single-cable IP convenience, automated self-calibration, built-in signal processing, and centralized management. It removes the complexity from distributed room-audio deployments by becoming part of the same workspace ecosystem that your IT team can fully own, troubleshoot, and manage using Cisco Cloud Control.

With unified monitoring, diagnostics, and analytics in a single control plane for video devices and accessories, your IT team can manage ceiling audio deployments alongside the rest of the Cisco room infrastructure instead of relying on disjointed third-party tools and siloed AV subsystems.

Flexible for modern and adaptable spaces

The Cisco Ceiling Speaker is designed to blend into meeting rooms, training environments, and flexible spaces with flexible mounting and color options. It is intended to scale from everyday collaboration spaces to larger rooms that require distributed audio coverage and more advanced room audio capabilities.

When combined with Cisco video devices, IP cameras, microphones, and other accessories, the solution helps you build a complete and consistent room deployment for spaces that demand both simplicity, scale, and performance.





Product specifications

Table 1. Product specifications

Specification	Description
Minimum software requirement	RoomOS 27 or later This datasheet is assuming use of RoomOS 27; features not yet available are marked as “*Future software release.” See the Admin Guide for details beyond this datasheet
Description	IP-based, ceiling-mounted coaxial loudspeaker
Default components	▪ Cisco Ceiling Speaker Pro unit with built-in 100x100 VESA mounting pattern ▪ Note: All Ceiling Speaker Pro mounting options and Ethernet cables are to be ordered separately from the main speaker unit.
Optional components	▪ Ceiling Speaker Pro Mounting Options (sold separately) - Wire Hanging Ceiling Mount Kit (featuring 3m/9.8 ft long wires) - Ceiling Bracket Mount Kit - Drop Ceiling Grid Mount Kit ▪ Ceiling Speaker Pro Ethernet Cables (sold separately) - CAT5E Plenum Rated 20 meter (65.6 ft) - CAT5E Plenum Rated 30 meter (98.4 ft)
Product Compatibility	▪ Cisco Room Bar Pro ▪ Cisco Room Kit EQ and Room Kit EQX ▪ Cisco Board Pro G2 55/75 and Cisco Board Pro G3 55/75 ▪ Cisco Room Kit Pro G2
Color	▪ Arctic White ▪ Carbon Black
Interfaces	▪ Power over Ethernet RJ45 Ethernet connector ▪ MicroUSB service port ▪ Factory reset pinhole

Specification	Description
Software features	▪ AES67 ▪ Voice lift (Future software release) ▪ Local reinforcement ▪ Remote audio distribution ▪ Stereo audio playback (requires multiple loudspeaker units)
Coverage angle	> 120 degrees
Directivity index	<= 3dB below 2kHz <= 6dB above 2kHz
Frequency response	70Hz – 20kHz +/- 3dB 43Hz – 20kHz -10dB 180 degree spatial average
Max sound pressure level	98 dB SPL at 1m Peak output. Effective level dependent on test signal crest factor.
Mounting options	▪ Wire hanging ceiling mount kit (featuring 3m/9.8 ft long wires) ▪ Ceiling bracket mount kit ▪ Drop ceiling grid mount kit ▪ Note: All Ceiling Speaker Pro mounting options are to be ordered separately from the main unit
Configuration	Automatic self-calibration of gain and delay to seamlessly expand and distribute audio across the room, enabling a rapid AV deployment
Signal processing	Built-in Digital Signal Processing (DSP) ▪ Low delay linear phase 3-way crossover ▪ Dynamic low frequency equalization
Device management	Unified cloud device management, device controls, monitoring, and analytics in Collaboration Control Hub (part of Cisco Cloud Control) alongside Cisco video devices and peripherals



Specification	Description
Physical dimensions	W 420 mm (16.5 in.) × H 88.2 mm (3.5 in.)
Weight	3.3 kg (7.3 lbs.)
PoE budget	30W
Power consumption	PoE+ (IEEE 802.3at), Typical power: 15W, Rated power: 24W
Operating temperature and humidity	32° F to 104°F (0°C to 40°C), 20% to 90% relative humidity, noncondensing
Regulatory compliance and standards	To comply with safety requirements the ceiling speaker must be installed horizontally.
Security	- Secure management using HTTPS and SSH protocols - Standards-based media encryption on all back-ends (Secure Real-time Transport Protocol [SRTP], using AES-128-GCM or AES-256-GCM) - Password protection to access administration - Network settings protection - AES-128 encrypted audio

Ordering information

To place an order, please contact your local Cisco representative and refer to Table 2.

Table 2. Ordering information

Product name	Part number	Compliance model number
Main Offer Summary - configured OPTIONS and standalone SPAREs		
Cisco Ceiling Speaker Pro, Arctic White	CS-SPK-CLGPRO-L	TTC5-22
Cisco Ceiling Speaker Pro, Carbon Black	CS-SPK-CLGPRO-C	TTC5-22

Product name	Part number	Compliance model number
Cisco Ceiling Speaker Pro, Arctic White - SPARE	CS-SPK-CLGPRO-L=	TTC5-22
Cisco Ceiling Speaker Pro, Carbon Black - SPARE	CS-SPK-CLGPRO-C=	TTC5-22
TAA Offer Summary - configured OPTIONS and standalone SPAREs		
Cisco Ceiling Speaker Pro, TAA, Arctic White	CS-SPK-CLGPRO-L++	TTC5-22
Cisco Ceiling Speaker Pro, TAA, Carbon Black	CS-SPK-CLGPRO-C++	TTC5-22
Cisco Ceiling Speaker Pro, TAA, Arctic White - SPARE	CS-SPK-CLGPRO-L++=	TTC5-22
Cisco Ceiling Speaker Pro, TAA, Carbon Black - SPARE	CS-SPK-CLGPRO-C++=	TTC5-22
Customized Model Offer Summary (Select Regions) - configured OPTIONS and standalone SPAREs		
Cisco Ceiling Speaker Pro, Customized Model, Arctic White	CS-SPK-CLGPRO-L--	TTC5-22
Cisco Ceiling Speaker Pro, Customized Model, Carbon Black	CS-SPK-CLGPRO-C--	TTC5-22
Cisco Ceiling Speaker Pro, Customized Model, Arctic White - SPARE	CS-SPK-CLGPRO-L---=	TTC5-22
Cisco Ceiling Speaker Pro, Customized Model, Carbon Black - SPARE	CS-SPK-CLGPRO-C---=	TTC5-22

Product name	Part number	Compliance model number
Mounting Options - configured OPTIONS and standalone SPAREs - sold separately		
Wire Hanging Ceiling Mounting Kit, Ceiling Mic/Spk Pro -SPARE	CS-MNT-CLGP-WH=	
Drop Ceiling Mounting Kit, Ceiling Mic/Spk Pro - SPARE	CS-MNT-CLGP-DR=	
Shield for Drop Ceiling Mount Kit, Ceiling Speaker Pro-SPARE	CS-MNT-CLGP-SH=	
Ceiling Bracket Mounting Kit for Ceiling Mic/Spk Pro - SPARE	CS-MNT-CLGP-CB=	
Drop Ceiling Mounting Kit w/Shield for Ceiling Spk Pro-SPARE	CS-MNT-CLGP-DR+SH=	
Ethernet Cable Options - configured OPTIONS and standalone SPAREs - sold separately		
Ethernet CAT5E Plenum Rated - 20 meter - Gray	CAB-CAT5E-CMP-20M	
Ethernet CAT5E Plenum Rated - 30 meter - Gray	CAB-CAT5E-CMP-30M	
Ethernet CAT5E Plenum Rated - 20 meter - Gray - SPARE	CAB-CAT5E-CMP-20M=	
Ethernet CAT5E Plenum Rated - 30 meter - Gray - SPARE	CAB-CAT5E-CMP-30M=	
Replacement Component SPAREs		
Replacement Grille for Ceiling Spk Pro, Carbon Black - SPARE	CS-SPK-CLGP-GRL-C=	
Replacement Grille for Ceiling Spk Pro, Arctic White - SPARE	CS-SPK-CLGP-GRL-L=	



Warranty information

Cisco Ceiling Speaker Pro has a 1-year limited liability warranty. Learn more on the [Product Warranties](#) page.

Cisco environmental sustainability

Information about Cisco’s environmental sustainability policies and initiatives for our products, solutions, operations, and extended operations or supply chain is provided in the “Environment Sustainability” section of Cisco’s [Corporate Social Responsibility](#) (CSR) Report.

Reference links to information about key environmental sustainability topics (mentioned in the “Environment Sustainability” section of the CSR Report) are provided in the following table:

Sustainability topic	Reference
Information on product material content laws and regulations	Materials
Information on electronic waste laws and regulations, including products, batteries, and packaging	WEEE compliance

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For more information about these services, visit: <https://www.cisco.com/go/collaborationservices>.

Cisco Capital

Flexible payment solutions to help you achieve your objectives

Cisco Capital® makes it easier to get the right technology to achieve your objectives, enable business transformation and help you stay competitive. We can help you reduce the total cost of ownership, conserve capital, and accelerate growth. In more than 100 countries, our flexible payment solutions can help you acquire hardware, software, services and complementary third-party equipment in easy, predictable payments. [Learn more.](#)

For more information

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