Cisco IP Conference Phone 8832 Data Sheet

The Cisco[®] IP Conference Phone 8832 is a business-class conferencing station for large meeting rooms and executive offices.

The Cisco IP Conference Phone 8832 enhances people-centric collaboration by delivering easy-to-use audio conferencing with astounding voice quality and clarity. Newly developed microphones and loudspeakers provide the richest sound of any conference phone on the market. Our unique acoustic design includes a "studio-monitor" full-range speaker. This loudspeaker architecture provides a dynamic, detailed sound with low distortion and low-frequency clarity, making conferencing an in-person experience with exceptionally clear and natural audio quality.

The Cisco IP Conference Phone 8832 provides a simple, flexible, scalable solution that meets the challenges of the most diverse rooms. With the base unit alone, it provides 360-degree coverage for any 20x20-foot room and up to 10 participants. With the optional wired extension microphone kit, it covers any 20x34-foot room and up to 22 participants. With the optional wireless extension microphone kit (using Digital Enhanced Cordless Telecommunications [DECT] technology), it covers any 20x40-foot room and up to 26 participants. With a daisy-chain configuration of two 8832 units along with the optional wireless extension microphone kit, it covers up to a 20x57-foot room and up to 42 participants. It is ideal for executive offices, conference rooms, and boardrooms.

The 8832 unit has a sleek form by using approachable materials for a differentiated, modern look and feel. The key design elements include the following:

- 3.9-inch 480x128-pixel color LCD
- Textile cover for soft touch and durability
- Large mute button in the middle of the device for easy access from all angles
- LED indicator above the mute button showing the call status
- Raised edge for easier handling and repositioning on tabletop

- Crisp, precise button tactility
- Single USB-C port on the device to minimize the number of cables on the table (an Ethernet injector is required for any non-Wi-Fi deployment)

The optional wired microphone kit includes two wired microphones with anodized aluminum top housing.

The key features of this conference phone are as follows:

- 360-degree room coverage; base unit alone covers up to a 10-foot microphone pickup range
- Single line with a user experience of multiple calls per line
- Session Initiation Protocol (SIP) signaling
- Codec support, including G.711(u/A), G.729a, G.729ab, iLBC, G.722, and OPUS
- IPv6 support
- Secure Hash Algorithm (SHA)-256 enabled for advanced security features
- Mobile and Remote Access (MRA) support
- Wi-Fi support
- Wired extension microphone support
- Wireless extension microphone support
- Daisy-chain support
- Client Matter Code (CAC) and Forced Authorization Code (FAC) Support
- Compatible with both IEEE 802.3af and 802.3at Power over Ethernet (PoE) Class 3 consumption (both PoE and non-PoE Ethernet injector options are available)

Features and benefits

Table 1 lists the features and benefits of the Cisco IP Conference Phone 8832.

Table 1. Features and benefits

Feature	Benefits
Hardware features	
Graphical display	480x128-pixel backlit 24-bit color LCD, 3.9-in. (9.9-cm) diagonal
Ethernet switch	10/100 BASE-T via an Ethernet injector
Keys	The phone has the following keys: • Four context-sensitive soft key bars • Two-way navigation bar and select button • Standard keypad • Volume-control bar • Large mute key for ease of access
IEEE PoE	IEEE PoE Class 3; compatible with both IEEE 802.3af and 802.3at switch blades; supports both Cisco Discovery Protocol and Link Layer Discovery Protocol - Power over Ethernet (LLDP-PoE)
Call control support	Native support in Cisco Unified Communications Manager 12.0(1); DevPack required for Cisco Unified Communications Manager 10.5.2, 11.0, and 11.5

Product specifications

Table 2 lists the specifications of the Cisco IP Conference Phone 8832.

Table 2.   Specifications

Feature	Specifications
Audio codec support	G.711 a-law and mu-law, wideband (G.722), G.729a, G.729ab, Internet Low Bitrate Codec (iLBC), OPUS
Acoustics	Frequency: Speaker, 100 Hz to 20 kHz; microphones, 100 Hz to 12 kHz, ±3 dB Max adjustable volume: 89 dB within 0.5 m
Call features	+ Dialing - Adjustable ring tones and volume levels - Barge - Call forward - Call history lists - Call timer - Call waiting - Caller ID - Corporate directory - Conference - Hold - Music on Hold (MoH) - Mute - Predialing before sending - Redial - Shared line - Speed dial (Favorites) - Time and date display - Transfer - Voicemail (messages)
Quality-of-Service (QoS) options	The phone supports Cisco Discovery Protocol and 802.1Q/p standards and can be configured with an 801.1Q VLAN header containing the VLAN ID overrides configured by the admin VLAN ID.
Network features	- Session Initiation Protocol (SIP) for signaling - Session Description Protocol (SDP) - IPv4 - IPv6 - User Datagram Protocol (UDP) (used only for Real-Time Transport Protocol streams) - Dynamic Host Configuration Protocol (DHCP) client or static configuration - Gratuitous Address Resolution Protocol (GARP) - Domain Name System (DNS) - Trivial File Transfer Protocol (TFTP) - Secure HTTP (HTTPS) - VLAN - Real-Time Transport Protocol (RTP) - Real-Time Control Protocol (RTCP) - Cisco Discovery Protocol - LLDP (including LLDP-MED) - Switch speed auto-negotiation
Security features	- Secure credential storage - Image authentication - Random bit generation - Manufacturer-Installed Certificates (MICs) - Secure boot - SHA-256 enabled for advanced security features - Ethernet 802.1X supplicant options: Extensible Authentication Protocol – Flexible Authentication via Secure Tunneling (EAP-FAST) and Extensible Authentication Protocol – Transport Layer Security (EAP-TLS)

Feature	Specifications
	• Signaling authentication and encryption using TLS v1.2 • Media authentication and encryption using SRTP • HTTPS for client and server • Secure Shell (SSH) Protocol server
Physical dimensions (H x W x D)	10.9 x 10.9 x 2.4 in. (278 x 278 x 61 mm)
Weight	4.07 lb (1.85 kg)
Phone-casing composition	Acrylonitrile Butadiene Styrene (ABS) textured plastic; Cisco cosmetic class A
Operational temperature	32° to 104°F (0° to 40°C)
Nonoperational temperature shock	14° to 140°F (–10° to 60°C)
Humidity	• Operating 10% to 90%, noncondensing • Nonoperating 10% to 95%, noncondensing
Language support	The **8832 conference** phone supports multiple languages.. The following is a list of countries supported in User Locale: • Arabic (Arabic Area) • Bulgarian (Bulgaria) • Catalan (Spain) • Chinese (China) • Chinese (Hong Kong) • Chinese (Taiwan) • Croatian (Croatia) • Czech (Czech Republic) • Danish (Denmark) • Dutch (Netherlands) • English (United Kingdom) • Estonian (Estonia) • French (Canada) • French (France) • Finnish (Finland) • German (Germany) • Greek (Greece) • Hebrew (Israel) • Hungarian (Hungary) • Italian (Italy) • Japanese (Japan) • Korean (Korea Republic) • Latvian (Latvia) • Lithuanian (Lithuania) • Norwegian (Norway) • Polish (Poland) • Portuguese (Portugal) • Portuguese (Brazil) • Romanian (Romania) • Russian (Russian Federation) • Serbian (Republic of Serbia) • Serbian (Republic of Montenegro) • Slovak (Slovakia) • Slovenian (Slovenia) • Spanish (Columbia) • Spanish (Spain) • Slovak (Slovakia) • Swedish (Sweden) • Thai (Thailand)

Feature	Specifications
	• Turkish (Turkey)
	• Ukrainian (Ukraine)
	The following is a list of countries supported in Network Locale:
	• Algeria
	• Argentina
	• Australia
	• Austria
	• Bahrain
	• Belgium
	• Brazil
	• Bulgaria
	• Canada
	• Chile
	• China
	• Colombia
	• Croatia
	• Cyprus
	• Czech Republic
	• Denmark
	• Egypt
	• Estonia
	• Finland
	• France
	• Germany
	• Ghana
	• Greece
	• Hong Kong
	• Hungary
	• Iceland
	• India
	• Indonesia
	• Iraq
	• Ireland
	• Israel
	• Italy
	• Japan
	• Jordan
	• Kenya
	• Korea Republic
	• Kuwait
	• Latvia
	• Lebanon
	• Lithuania
	• Luxembourg
	• Malaysia
	• Mauritania
	• Mexico
	• Morocco
	• Nepal
	• Netherlands
	• New Zealand
	• Nigeria
	• Norway
	• Oman
	• Pakistan
	• Panama

Feature	Specifications
	• Peru • Philippines • Poland • Portugal • Qatar • Republic of Montenegro • Republic of Serbia • Romania • Russian Federation • Saudi Arabia • Singapore • Slovakia • Slovenia • South Africa • Spain • Sudan • Sweden • Switzerland • Taiwan • Thailand • Tunisia • Turkey • United Arab Emirates • United Kingdom • Ukraine • Venezuela • Vietnam • Yemen • Zimbabwe

Certifications and compliance	• Regulatory compliance
	  ◦ CE Markings per directives 2014/30/EU and 2014/53/EU and 2014/35/EU
	• Safety
	  ◦ UL 60950 Second Edition
	  ◦ CAN/CSA-C22.2 No. 60950 Second Edition
	  ◦ EN 60950 Second Edition (including A11 and A12)
	  ◦ IEC 60950 Second Edition (including A11 and A12)
	  ◦ EN 60950-1
	  ◦ IEC 60950-1
	  ◦ AS/NZS 60950.1
	• EMC – Emissions
	  ◦ 47CFR Part 15 (CFR 47) Class B
	  ◦ AS/NZS CISPR32 Class B
	  ◦ CISPR32 Class B
	  ◦ EN55032 Class B
	  ◦ EN 300 386
	  ◦ ICES003 Class B
	  ◦ VCCI Class B
	  ◦ EN61000-3-2
	  ◦ EN61000-3-3
	  ◦ EN61000-4-2
	  ◦ IEC61000-4-2
	  ◦ EN61000-4-3
	  ◦ IEC61000-4-3
	  ◦ EN61000-4-6
	  ◦ IEC61000-4-6
	  ◦ KN22 Class B

Feature	Specifications

	• EMC – Immunity
	  ◦ EN55024
	  ◦ CISPR24
	  ◦ KN24
	  ◦ Armadillo Light
	• Telecom
	  ◦ AS/ACIF S004
	  ◦ NZPTC220
	  ◦ Industry standards: TIA 810 and TIA 920
	  ◦ Industry standards: IEEE 802.3 Ethernet, IEEE 802.3af and 802.3at
	• Radio
	  ◦ FCC Part 2.1093 (BT RF Exposure TR)
	  ◦ RSS-102 (BT RF Exposure TR)
	  ◦ RSS-210
	  ◦ RSS-213
	  ◦ RSS-247
	  ◦ EN 300 328
	  ◦ EN 300 440
	  ◦ EN 301 406
	  ◦ EN 50385 (BT RF Exposure TR)
	  ◦ EN 301-489-1
	  ◦ EN 301-489-3
	  ◦ EN 301-489-6
	  ◦ EN 301-489-17
	  ◦ EN 301 893
	  ◦ NCC LP0002
	• Acoustics
	  ◦ TIA810B
	  ◦ TIA920A

Ordering information

Table 3 lists the ordering information for the Cisco IP Conference Phone 8832 and its accessories.

Table 3.   Ordering information

Product number	Description
CP-8832-K9	Cisco IP Conference Phone 8832 base in charcoal color for North America. This also includes an Ethernet injector or an 18W power adapter along with a 9.8-ft (3-m) USB-C cable.
CP-8832-W-K9	Cisco IP Conference Phone 8832 base in white color for North America. This also includes an Ethernet injector or an 18W power adapter along with a 9.8-ft (3-m) USB-C cable.
CP-8832-EU-K9	Cisco IP Conference Phone 8832 base in charcoal color for APAC, EMEA, Australia, and New Zealand. This also includes an Ethernet injector or an 18W power adapter along with a 9.8-ft (3-m) USB-C cable.
CP-8832-EU-W-K9	Cisco IP Conference Phone 8832 base in white color for APAC, EMEA, Australia, and New Zealand. This also includes an Ethernet injector or an 18W power adapter along with a 9.8-ft (3-m) USB-C cable.
CP-8832-LA-K9	Cisco IP Conference Phone 8832 base in charcoal color for LATAM. This also includes an Ethernet injector or an 18W power adapter along with a 9.8-ft (3-m) USB-C cable.
CP-8832-LA-W-K9	Cisco IP Conference Phone 8832 base in white color for LATAM. This also includes an Ethernet injector or an 18W power adapter along with a 9.8-ft (3-m) USB-C cable.
CP-8832-J-W-K9	Cisco IP Conference Phone 8832 base in white color for Japan. This also includes an Ethernet injector or an 18W power adapter along with a 9.8-ft (3-m) USB-C cable.
CP-8832-NR-K9	Cisco IP Conference Phone 8832 base No-Radio (NR) version in charcoal color. This also includes an Ethernet injector or an 18W power adapter along with a 9.8-ft (3-m) USB-C cable.
CP-8832-MIC-WIRED=	Optional Cisco IP Conference Phone 8832 Wired Microphone Kit for worldwide use. Kit includes two wired microphones.

Product number	Description
CP-8832-MIC-WLS=	Optional Cisco Unified IP Conference Phone 8832 Wireless Microphone Kit for North America. Kit includes two wireless microphones, a charging tray, and a power adapter.
CP-8832-DC=	Optional Cisco Unified IP Conference Phone 8832 Daisy Chain Kit for North America. This includes a smart adapter, a 36W power adapter, and three USB-C cables.
CP-8832-PWR=	Cisco IP Conference Phone 8832 Power Adapter SPARE for North America.
CP-8832-POE=	Cisco IP Conference Phone 8832 PoE Injector SPARE for Worldwide.
CP-8832-ETH=	Cisco IP Conference Phone 8832 non-PoE Ethernet Injector SPARE for North America.
CP-8832-K9=	Cisco IP Conference Phone 8832 base SPARE in charcoal color for North America; base unit ONLY without any Ethernet or power adapters.
CP-8832-W-K9=	Cisco IP Conference Phone 8832 base SPARE in white color for North America; base unit ONLY without any Ethernet or power adapters.
CP-8832-EU-K9=	Cisco IP Conference Phone 8832 base SPARE in charcoal color for APAC, EMEA, Australia, and New Zealand; base unit ONLY without any Ethernet or power adapters.
CP-8832-EU-W-K9=	Cisco IP Conference Phone 8832 base SPARE in white color for APAC, EMEA, Australia, and New Zealand; base unit ONLY without any Ethernet or power adapters.
CP-8832-LA-K9=	Cisco IP Conference Phone 8832 base SPARE in charcoal color for LATAM; base unit ONLY without any Ethernet or power adapters.
CP-8832-LA-W-K9=	Cisco IP Conference Phone 8832 base SPARE in white color for LATAM; base unit ONLY without any Ethernet or power adapters.
CP-8832-J-W-K9=	Cisco IP Conference Phone 8832 base SPARE in white color for Japan; base unit ONLY without any Ethernet or power adapters.
CP-8832-NR-K9=	Cisco IP Conference Phone 8832 base No-Radio (NR) SPARE in charcoal color; base unit ONLY without any Ethernet or power adapters.
CP-8832-INJ=	Cisco IP Conference Phone 8832 Ethernet Injector SPARE for North America.

Here are the recommended ordering options based on the power sources:

- Power over Ethernet (PoE) deployment option: Either a Cisco IP Conference Phone 8832 PoE Injector or a Cisco IP Conference Phone 8832 Ethernet Injector is required.
- Non-PoE Ethernet deployment option: A Cisco IP Conference Phone 8832 non-PoE Ethernet Injector is required.
- Wi-Fi deployment option: A Cisco IP Conference Phone 8832 Power Adapter is required.

For 8832 purchase, please order the non-SPARE PID (for example, CP-8832-K9, CP-8832-EU-K9, CP-8832-NR-K9, etc.) and select one of the above options. The base package includes one of the power sources selected.

For daisy-chain deployment, please order two 8832 SPARE PIDs (for example, CP-8832-K9=) and a daisy-chain kit (for example, CP-8832-DC=).

Warranty

The Cisco IP Conference Phone 8832 is covered by a standard 1-year replacement warranty.

Cisco Unified Communications Services

Cisco and our certified partners can help you set up a secure, dependable Cisco Unified Communications solution, meeting aggressive deployment schedules and accelerating business advantage. Cisco's portfolio of services is based on proven methodologies for unifying voice, video, data, and mobile applications on fixed and mobile networks.

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More information

For additional details about the Cisco IP Phone 8800 Series, go to https://www.cisco.com/go/ipphones/8800.

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Printed in USA

C78-739624-02   05/18