Cisco IP Conference Phone 8832 User Guide

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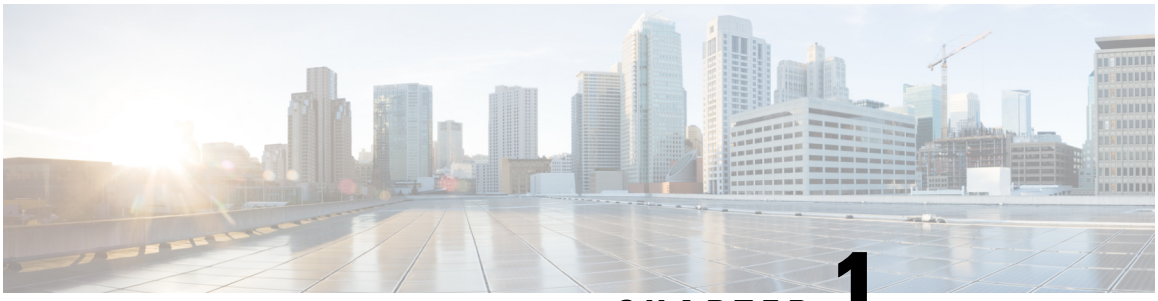


CHAPTER 1

Your Phone

Your Cisco IP Conference Phone 8832 and 8832NR

The Cisco IP Conference Phone 8832 and 8832NR provide high-definition (HD) audio performance and 360-degree coverage for medium to large conference rooms and executive offices. The conference phone has sensitive microphones that let you speak in a normal voice and be clearly heard from up to 10 feet (2.1 m) away.

Figure 1: Cisco IP Conference Phone 8832

You can connect two wired expansion microphones to the phone to increase coverage in larger conference rooms.

The phone also supports an optional set of two wireless expansion microphones.

The Cisco IP Conference Phone 8832NR (non-radio) version does not support Wi-Fi or wireless expansion microphones.

The phone can be used for a 20 x 20 foot (6.1 x 6.1 m) room and up to 10 people. When you add the expansion microphones, coverage extends to a 20 x 34 foot (6.1 x 10 m) room and up to 22 people.

You can connect two base units to increase the coverage for a room. This configuration requires the optional Daisy Chain kit and can support two expansion microphones (either wired or wireless, but not a mixed combination). If you are using wired microphones with the Daisy Chain kit, the configuration provides coverage for a room up to 20 x 50 feet (6.1 x 15.2 m) and up to 38 people. If you are using wireless microphones with the Daisy Chain kit, the configuration provides coverage for a room up to 20 x 57 feet (6.1 x 17.4 m) and up to 42 people.

Feature Support

This document describes all the features that the device supports. However, not all features may be supported with your current configuration. For information on supported features, contact your administrator.

New and Changed Information

You can use the information in the following sections to understand what has changed in the document. Each section contains the major changes.

New and Changed Information for Firmware Release 12.6(1)

No user guide updates were required for Firmware Release 12.6(1).

New and Changed Information for Firmware Release 12.5(1)SR3

The following table shows the changes that were made for Firmware Release 12.5(1)SR3.

Table 1: Cisco IP Conference Phone 8832 User Guide Revisions for Firmware Release 12.5(1)SR3

Revision	New or Updated Section
New topic	Phone Keypad Characters, on page 17

New and Changed Information for Firmware Release 12.5(1)SR2

No User Guide updates were required for Firmware Release 12.5(1)SR2.

Firmware Release 12.5(1)SR2 replaces Firmware Release 12.5(1) and Firmware 12.5(1)SR1. Firmware Release 12.5(1) and Firmware Release 12.5(1)SR1 have been deferred in favor of Firmware Release 12.5(1)SR2.

New and Changed Information for Firmware Release 12.5(1)SR1

No updates were required for Firmware Release 12.5(1)SR1.

New and Changed Information for Firmware Release 12.5(1)

No updates were required for Firmware Release 12.5(1).

New and Changed Information for Firmware Release 12.1(1)

The following table shows the changes that were made for Firmware Release 12.1(1).

Table 2: Cisco IP Conference Phone 8832 User Guide Revisions for Firmware Release 12.1(1)

Revision	New or Updated Section
Updates to support for Cisco IP Conference Phone 8832 PoE Injector	Connect to the Network, on page 4
Support for Wireless Microphone	• Your Cisco IP Conference Phone 8832 and 8832NR, on page 1 • Wireless Expansion Microphone, on page 18 • Install the Wireless Expansion Microphones, on page 8 • Pair a Wireless Microphone, on page 9 • Unpair a Wireless Microphone, on page 10 • Install the Wireless Microphone Charging Cradle, on page 10 • Charge a Wireless Microphone, on page 11
Support for Daisy Chain	• Your Cisco IP Conference Phone 8832 and 8832NR, on page 1 • Daisy Chain Mode, on page 11
Support for Cisco IP Conference Phone 8832 Non-PoE Ethernet Injector	Connect to the Network, on page 4
Support for Wi-Fi	• Connect to the Network, on page 4 • Set Up Wi-Fi Client, on page 6 • Connect to a Preconfigured Wi-Fi Network, on page 6
Support for Mobile and Remote Access Through Expressway	• Connect to the Network, on page 4 • Connect to Expressway, on page 7

Revision	New or Updated Section
Support for CMC and FAC	Calls That Require a Billing Code or Authorization Code

Phone Setup

Typically, your administrator sets up your phone and connects it to the network. If your phone is not set up and connected, contact your administrator for instructions.

Connect to the Network

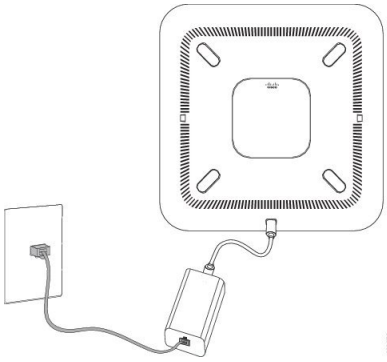
You need to connect the phone to the network.

- Wired network connection—All wired network connections use one of the following:
  - **PoE deployment**: Connect the phone to the **Cisco IP Conference Phone 8832 PoE Injector** and connect the injector to the network with an Ethernet cable.
  - **Non-PoE deployment**: Depending on your location, use one of the following options:
    - Connect the phone to the **Cisco IP Conference Phone 8832 Non-PoE Ethernet Injector**. Then, connect the injector to the network with an Ethernet cable and to an electric outlet with a power adapter.
    - Connect the phone to the **Cisco IP Conference Phone 8832 Ethernet Injector**. Then, connect the injector to the network with an Ethernet cable and to an electric outlet with a power adapter. You can use this option only if you are based in North America.
- Wireless connection—The Cisco IP Conference Phone 8832 can connect to a Wireless Access Point using Wi-Fi.

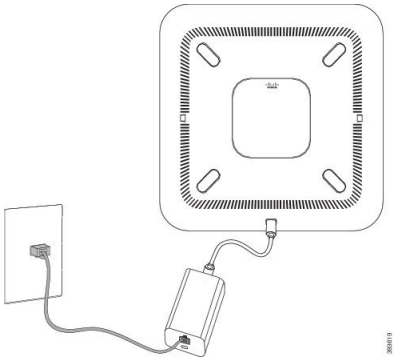
Mobile and Remote Access Through Expressway—If your administrator sets up Mobile and Remote Access Through Expressway and you connect your phone to the network, it connects to the Expressway server.

Figure 2: PoE Deployment Options

The following figure shows the two PoE deployment options. You can use the option that is shown in the right-side illustration only if you are based in North America.



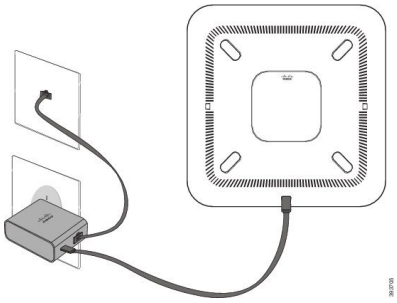
Cisco IP Conference Phone 8832 PoE Injector with the PoE power option



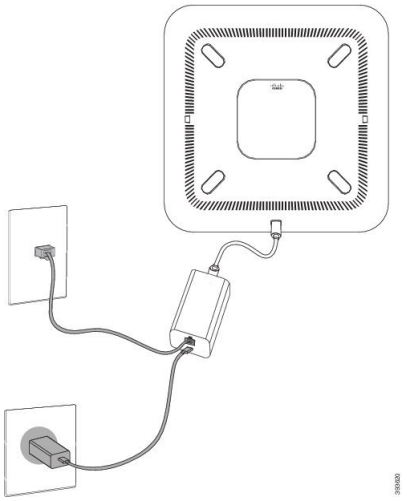
Cisco IP Conference Phone 8832 Ethernet Injector with the PoE power option

Figure 3: Non-PoE Deployment Options

The following figure shows the two Non-PoE deployment options. You can use the option that is shown in the right side illustration only if you are based in North America.

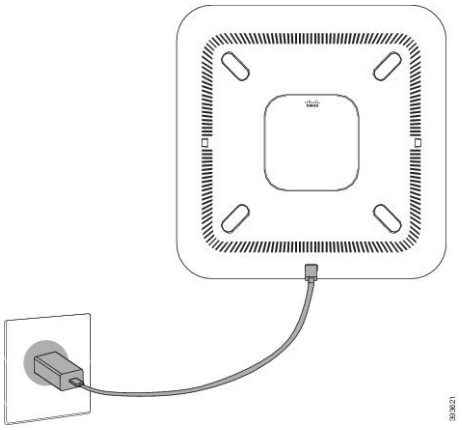


Cisco IP Conference Phone 8832 Non-PoE Ethernet Injector with the Ethernet power option



Cisco IP Conference Phone 8832 Ethernet Injector with the Ethernet power option

Figure 4: Wi-Fi Network Connection



Set Up Wi-Fi Client

The Cisco IP Conference Phone 8832 can access a Wi-Fi network. You need a power adapter to power the phone. The Cisco IP Conference Phone 8832NR cannot be used with a Wi-Fi network.

Before you begin

Your administrator needs to configure settings on the call control system to enable Wi-Fi access.

Procedure

Step 1 If the phone is plugged into the Ethernet, unplug the Ethernet cable.

Step 2 Press **Settings**.

Step 3 Navigate to **Admin settings** > **Network setup** > **Wi-Fi client setup**.

Step 4 Navigate to **Wireless** and press **On**.

Step 5 Press **Apply** to save the changes, or press **Revert** to cancel the changes.

Step 6 Navigate to **Network name**.

Step 7 When the phone finishes scanning the SSID, choose a network to join.

Step 8 Enter your Wi-Fi credentials and press **Connect**.

Connect to a Preconfigured Wi-Fi Network

You can connect your Cisco IP Conference Phone 8832 to the network using Wi-Fi, but, for security, enter your username and password. But, the Cisco IP Conference Phone 8832NR does not support Wi-Fi.

Depending upon how your phone is configured, you could be required to sign in when you join a Wi-Fi network or when your phone powers up.

You cannot dismiss the Wi-Fi sign-in window without entering the correct username and password.

Procedure

Step 1 Enter your Wi-Fi credentials when prompted.

Step 2 Select **Sign-in**.

Connect with Activation Code Onboarding

If your network has been configured to support this feature, then you can use Activation Code Onboarding to connect to your company's phone network.

Enter an Activation Code

Activation codes are used to set up your new phone. They can only be used once, and expire after 1 week. Contact your administrator if you don't know your code or if you need a new one.

Procedure

Step 1 Enter your activation code on the activation screen.

Step 2 Press **Submit**.

Connect to Expressway

You can use Mobile and Remote Access Through Expressway to connect to your corporate network when you are working away from your office.

Procedure

Step 1 Reset service mode through **Settings** > **Admin Settings** > **Reset Settings** > **Service mode**.

Step 2 Press **Select** when prompted to change the service mode.

Step 3 Enter the service domain and press **Continue**.

Step 4 Enter your username and password.

Step 5 Select **Sign in**.

Install the Wired Expansion Microphones

The conference phone supports an optional kit with two wired expansion microphones. You can extend the microphones up to 7 feet (2.13m) from the phone. For best results, we recommend that the microphones be placed at least 3 feet (0.91m) away from the phone.

Note You must use either two wired microphones or two wireless microphones with the phone, but not a mixed combination.

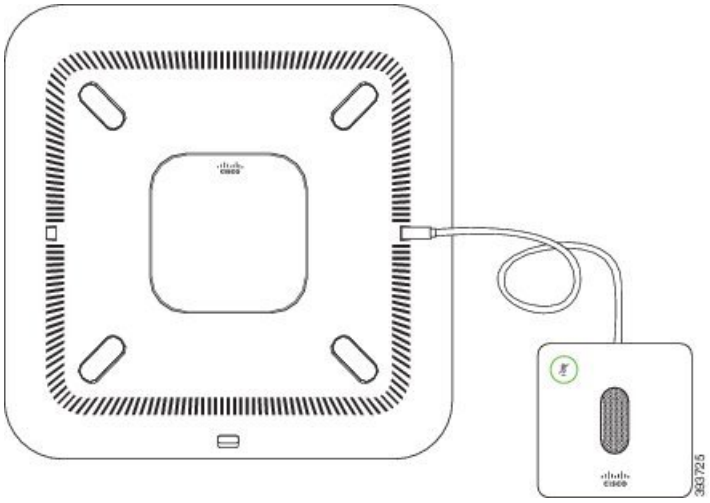
Procedure

Step 1 Plug the end of the microphone cable into the port on the side of the conference phone.

Step 2 Extend the microphone cable to the desired position.

The following figure shows installation of a wired expansion microphone.

Figure 5: Wired Expansion Microphone Installation



Related Topics

Wired Expansion Microphone, on page 17

Install the Wireless Expansion Microphones

The conference phone provides the option of connecting two wireless expansion microphones.

Note You must use either two wired microphones or two wireless microphones with the phone, but not a mixed combination.

When the phone is in a call, the LED on the expansion microphone is lit green. To mute the expansion microphone, press the **Mute** key. When the microphone is muted, the LED is lit red. When the battery in the microphone is low, the battery indication LED blinks rapidly.

Before you begin

Disconnect the wired expansion microphones before you install wireless expansion microphones. You cannot use both wired and wireless expansion microphones at the same time.

Procedure

Step 1 Position the table mount plate on the table surface location where you want to place the microphone.

Step 2 Remove the adhesive for the double-stick tape on the bottom of the table mount plate. Place the table mount plate to adhere to the table surface.

Step 3 Attach the microphone to the table mount plate. Magnets are embedded in the microphone to snap the unit into place.

You can move the microphone and attached table mount to a different location on the table surface as needed. Use care when moving to protect the unit.

Related Topics

Wireless Expansion Microphone, on page 18
Install the Wireless Expansion Microphones, on page 8

Pair a Wireless Microphone

Before you begin

Unplug any wired microphones.

Procedure

Step 1 Press **Settings**.

Step 2 Select **Admin Settings** > **Microphones** > **Wireless microphones**.

Step 3 Select either **Microphone 1** or **Microphone 2** and press **Pair**.

If a microphone is already linked to a particular channel, the phone screen shows that the microphone is paired.

Step 4 Press **Mute** on the wireless microphone until the microphone LED blinks white.

If the pairing succeeds, the phone screen displays a success message.

Step 5 (Optional) Press **Cancel** to revert to the **Wireless microphones** menu.

Related Topics

Wireless Expansion Microphone, on page 18

Unpair a Wireless Microphone

Procedure

Step 1 Press **Settings**.

Step 2 Select **Admin Settings** > **Microphones** > **Wireless microphones**.

Step 3 Select either **Microphone 1** or **Microphone 2**.

If the selected channel is paired, the **Unpair** softkey displays on the phone screen.

Step 4 Press **Unpair**.

Related Topics

Wireless Expansion Microphone, on page 18

Install the Wireless Microphone Charging Cradle

You use the charging cradle to charge the wireless microphone battery.

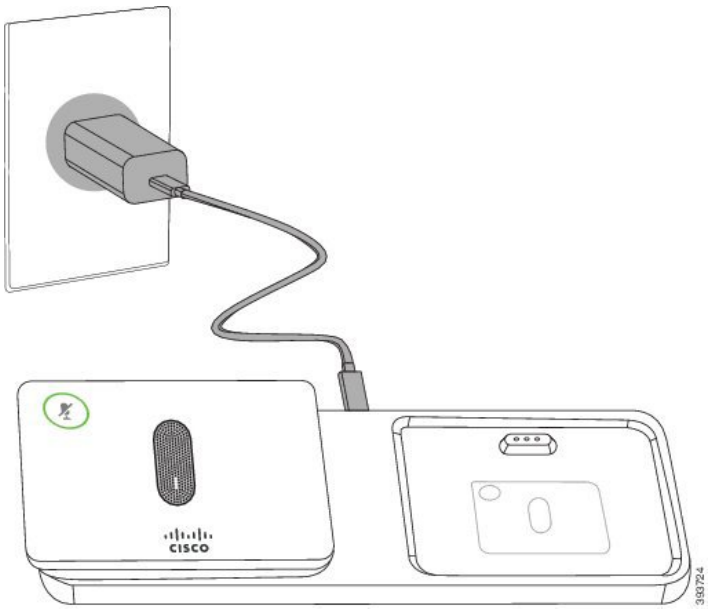
Procedure

Step 1 Plug the charging cradle power adapter into an electrical outlet.

Step 2 Plug one end of the USB-C cable to the charging cradle and the other end into the power adapter.

The following figure shows installation of a wireless microphone charging cradle.

Figure 6: Wireless Microphone Charging Cradle Installation



Related Topics

Wireless Expansion Microphone, on page 18

Charge a Wireless Microphone

Before you begin

Install the wireless microphone charging cradle. For more information, see Install the Wireless Microphone Charging Cradle, on page 10.

Procedure

Step 1 Place the microphone in the charging cradle.

Step 2 If the LED on the cradle is not white, remove the microphone and replace it in the cradle.

Related Topics

Wireless Expansion Microphone, on page 18

Daisy Chain Mode

You can connect two conference phones using a Smart Adapter and the USB-C cables that are provided in the daisy chain kit to expand the audio coverage area in a room.

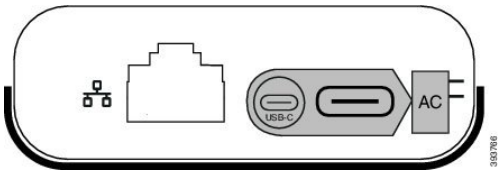
In daisy chain mode, both units receive power though the Smart Adapter which is connected to a power adapter. You can use only one external microphone per unit. You can use either a pair of wired microphones

with the units or a pair of wireless microphones with the units, but not a mixed combination of the microphones. When a wired microphone is connected to one of the units, it unpairs any wireless microphones that are connected to the same unit. Whenever there is an active call, the LEDs and the menu options on the phone screen of both units are synchronized.

Install the Conference Phone in Daisy Chain Mode

The daisy chain kit contains a Smart Adapter, a short LAN cable, two long, thicker USB-C cables, and a shorter, thinner USB-C cable. In daisy chain mode, the conference phones require external power from an electrical outlet. You must use the Smart Adapter to connect the phones together. The long USB-C cables go to the phone and the short one goes to the power adapter. Refer to the following figure when you connect the power adapter and the LAN port to the Smart Adapter.

Figure 7: Smart Adapter Power Port and LAN Port



You can use only one microphone per unit.

Note You must use either two wired microphones or two wireless microphones with the phone, but not a mixed combination.

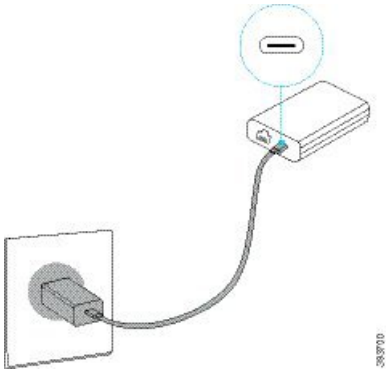
The USB-C cable for the power adapter is thinner than the USB-C cables that connect to the phone.

Procedure

Step 1 Plug the power adapter into the electrical outlet.

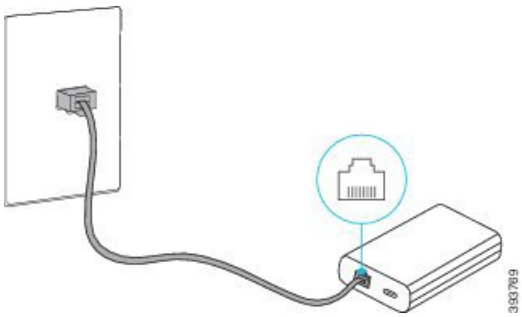
Step 2 Connect the short, thinner USB-C cable from the power adapter to the Smart Adapter.

Figure 8: Smart Adapter USB Port Connected to the Power Outlet



Step 3 Required: Connect the Ethernet cable to the Smart Adapter and the LAN port.

Figure 9: Smart Adapter LAN Port Connected to the LAN Port on the Wall Outlet

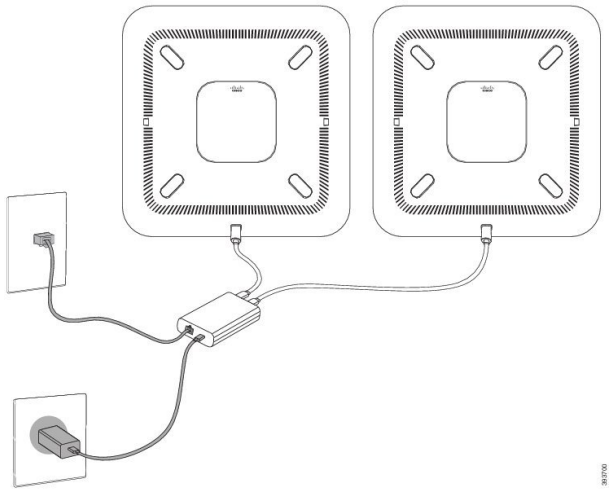


Step 4 Connect the first phone to the Smart Adapter using the longer, thicker USB-C cable.

Step 5 Connect the second phone to the Smart Adapter using a USB-C cable.

The following figure shows installation of the conference phone in daisy chain mode.

Figure 10: Conference Phone Installation in Daisy Chain Mode



Self Care Portal

You can customize some phone settings with the Self Care portal web site, which you access from your computer. The Self Care portal is part of your organization's Cisco Unified Communications Manager.

Your administrator gives you the URL to access the Self Care portal, and provides your user ID and password.

In the Self Care portal, you can control features, line settings, and phone services for your phone.

- Phone features include speed dial, do not disturb, and your personal address book.
- Line settings affect a specific phone line (directory number) on your phone. Line settings can include call forwarding, visual and audio message indicators, ring patterns, and other line-specific settings.

- Phone services can include special phone features, network data, and web-based information (such as stock quotes and movie listings). Use the Self Care Portal to subscribe to a phone service before you access it on your phone.

The following table describes some specific features that you configure with the Self Care portal. For more information, see the Self Care portal documentation for your call control system.

Table 3: Features Available on the Self Care Portal

Features	Description
Call forward	Use the number that receives calls when call forward is enabled on the phone. Use the Self Care portal to set up more complicated call forward functions, for example, when your line is busy.
Additional phones	Specify the additional phones such as your mobile phone that you want to use to make and receive calls with the same directory numbers as your desk phone. You can also define blocked and preferred contacts to restrict or allow calls from certain numbers to be sent to your mobile phone. When you set up additional phones, you can also set up these features: • Single number reach—Specify whether the additional phone should ring when someone calls your desk phone. • Mobile calls—If the additional phone is a mobile phone, you can set it up to allow you to transfer mobile calls to your desk phone or desk phone calls to your mobile phone.
Speed dial	Assign phone numbers to speed-dial numbers so that you can quickly call that person.

Related Topics

Speed Dial, on page 30
Forward Calls, on page 35

Speed-Dial Numbers

When you dial a number on your phone, you enter a series of digits. When you set up a speed-dial number, the speed-dial number must contain all the digits you need to make the call. For example, if you need to dial 9 to get an outside line, you enter the number 9 and then the number you want to dial.

You can also add other dialed digits to the number. Examples of additional digits include a meeting access code, an extension, a voicemail password, an authorization code, and a billing code.

The dial string can contain the following characters:

- 0 to 9
- Pound (#)
- Asterisk (*)
- Comma (,)—This is the pause character, and gives a 2- second delay in the dialing. You can have several commas in a row. For example, two commas (,,) represent a pause of 4 seconds.

The rules for dial strings are:

- Use the comma to separate the parts of the dial string.
- An authorization code must always precede a billing code in the speed-dial string.
- A single comma is required between the authorization code and the billing code in the string.
- A speed-dial label is required for speed dials with authorization codes and additional digits.

Before you configure the speed dial, try to dial the digits manually at least once to ensure that the digit sequence is correct.

Your phone does not save the authorization code, billing code, or extra digits from the speed dial in the call history. If you press **Redial** after you connect to a speed-dial destination, the phone prompts you to enter any required authorization code, billing code, or additional digits manually.

Example

To set up a speed-dial number to call a person at a specific extension, and if you need an authorization code and billing code, consider the following requirements:

- You need to dial **9** for an outside line.
- You want to call **5556543**.
- You need to input the authorization code **1234**.
- You need to input the billing code **9876**.
- You must wait for 4 seconds.
- After the call connects, you must dial the extension **56789#**.

In this scenario, the speed-dial number is **95556543,1234,9876,,56789#**.

Related Topics

Calls That Require a Billing Code or Authorization Code
Phone Keypad Characters, on page 17

Cisco IP Conference Phone 8832 Buttons and Hardware

The following figure shows the Cisco IP Conference Phone 8832.

Figure 11: Cisco IP Conference Phone 8832 Buttons and Features

The following table describes the buttons on the Cisco IP Conference Phone 8832.

Table 4: Cisco IP Conference Phone 8832 Buttons

1	LED bar	Indicates call states: • Green, solid—Active call • Green, flashing—Incoming call • Green, pulsing—Held call • Red, solid—Muted call
2	Expansion microphone port	The wired expansion microphone cable plugs into the port.
3	**Mute** bar	Toggle the microphone on or off. When the microphone is muted, the LED bar is lit red.
4	Softkey buttons	Access functions and services.
5	Navigation bar and **Select** button	Scroll through menus, highlight items, and select the highlighted item.

6	**Volume** button	 Adjust the speakerphone volume (off hook) and the ringer volume (on hook). When you change the volume, the LED bar lights white to show the volume change.

Phone Keypad Characters

The phone keypad allows you to enter letters, numbers, and special characters. You press the **2** to **9** keys to get the letters and numbers. You use the **One (1)**, **Zero (0)**), **Asterisk (*)**, and **Pound (#)** keys for special characters. The following table lists the special characters for each key.

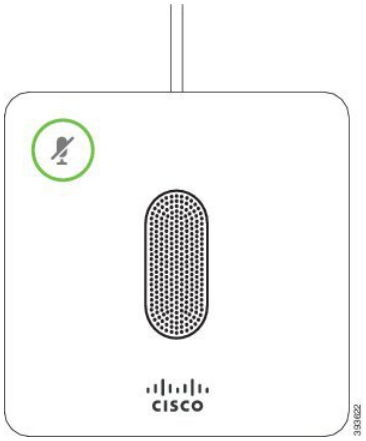
Table 5: Special Characters on the Keypad

Keypad Key	Special Characters
One (1)	/ . @ : ; = ? -_ & %
Zero (0)	(space) , ! ^ ' " |
Asterisk (*)	+ * ~ ` < >
Pound (#)	# $ £ □ \ ( ) { } [ ]

Wired Expansion Microphone

The Cisco IP Conference Phone 8832 supports two wired expansion microphones, available in an optional kit. Use of the expansion microphones allows greater coverage in a larger room and for more people. For best results, we recommend that the microphones be placed between 3 feet (0.91 m) and 7 feet (2.1 m) away from the phone.

Figure 12: Wired Expansion Microphone



When the conference phone is in a call, the expansion microphone LED around the **Mute** button is lit green.

When the microphone is muted, the LED is lit red. When you press the **Mute** button, the phone and the expansion microphones are muted.

Related Topics

Install the Wired Expansion Microphones, on page 7

Wireless Expansion Microphone

The Cisco IP Conference Phone 8832 supports two expansion wireless microphones, available with a charging cradle in an optional kit. When the wireless microphone is placed on the charging cradle for charging, the LED on the cradle is lit white.

Figure 13: Wireless Microphone

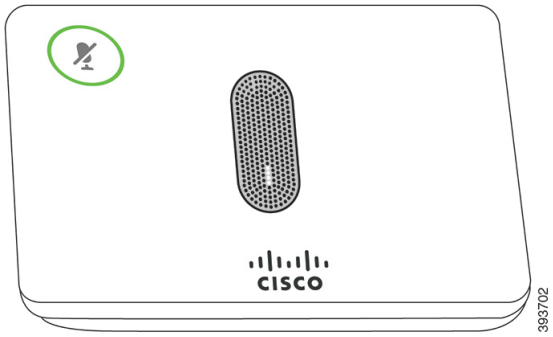
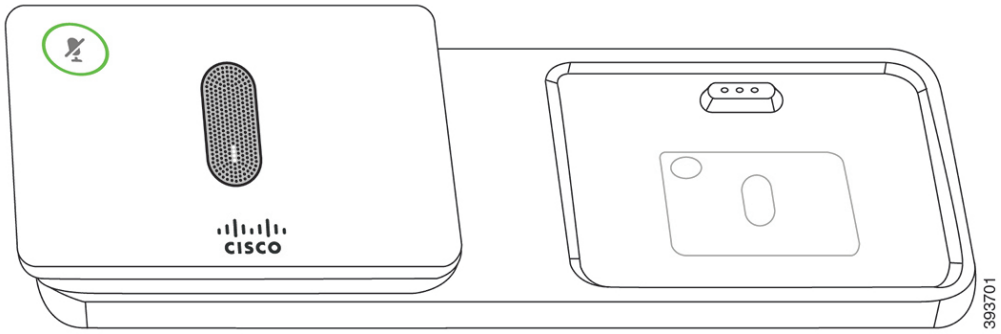


Figure 14: Wireless Microphone Mounted on the Charging Cradle



When the conference phone is in a call, the expansion microphone LED around the **Mute** button is lit green.

When the microphone is muted, the LED is lit red. When you press the **Mute** button, the phone and the expansion microphones are muted.

If the phone is paired with a wireless microphone (for example, Wireless microphone 1) and you connect the wireless microphone to a charger, pressing the **Show detail** softkey indicates the charge level for that microphone.

When the phone is paired with a wireless microphone and you connect a wired microphone, the wireless microphone gets unpaired and the phone is paired with the wired microphone. A notification appears on the phone screen indicating that the wired microphone is connected.

Related Topics

Install the Wireless Expansion Microphones, on page 8
Pair a Wireless Microphone, on page 9
Unpair a Wireless Microphone, on page 10
Install the Wireless Microphone Charging Cradle, on page 10
Charge a Wireless Microphone, on page 11

Phone Firmware and Upgrades

Your phone comes with firmware already installed, which is specific to the call control system that your phone uses.

Occasionally, your administrator upgrades the phone firmware for you. This upgrade happens in the background even if you are using your phone.

Postpone a Phone Upgrade

When new firmware is available, the **Ready to upgrade** window is displayed on your phone and a timer begins a 15-second countdown. If you do nothing, the upgrade proceeds.

You can postpone your firmware upgrade for 1 hour and up to 11 times. The upgrade is also postponed if you make or receive a phone call.

Procedure

Select **Delay** to postpone a phone upgrade.

View the Progress of a Phone Firmware Upgrade

During a phone firmware upgrade, you can view the upgrade progress.

Procedure

Step 1 Press **Settings**.

Step 2 Select **System information** , and press **Show details**.

Step 3 Press **Exit**.

Energy Savings

Your administrator can reduce the amount of power your phone screen uses when you're not using your phone.

Your administrator can set up these energy-saving levels on your phone:

- Power Save—The backlight or screen turns off when the phone is inactive for a set interval.
- Power Save Plus—Your phone screen turns on and off at times that are based on your work schedule. If your work hours or work days change, you can contact your administrator to reconfigure your phone.

For example, your administrator can set your phone to alert you 10 minutes before it turns off. You see the **Select** button light up and you get a message that your phone is turning off soon. You get notifications at these intervals:

- Four rings at 10 minutes before power off
- Four rings at 7 minutes before power off
- Four rings at 4 minutes before power off
-
- Phone continues to ring at 30 seconds before power off

If your phone is active, it waits until it has been inactive for a set interval before it notifies you of the pending power shutdown.

Turn On Your Phone

When your phone turns off to save energy, the phone screen is blank and the **Select** button lights up.

Procedure

Press **Select** to turn your phone back on.

Additional Help and Information

If you have questions about the functions available on your phone, contact your administrator.

The Cisco website (https://www.cisco.com) contains more information about the phones and call control systems.

Accessibility Features

The Cisco IP Conference Phone 8832 provides accessibility features for the blind, and for the visually, hearing, and mobility impaired. Because many of these features are standard, users with disabilities can access them without any special configuration.

In this document, the term *phone support pages* refers to the web pages that users can access to set up certain features. For Cisco Unified Communications Manager (Release 10.0 and later), these pages are the Self Care Portal. For Cisco Unified Communications Manager (Release 9.1 and earlier), these pages are the User Options web pages.

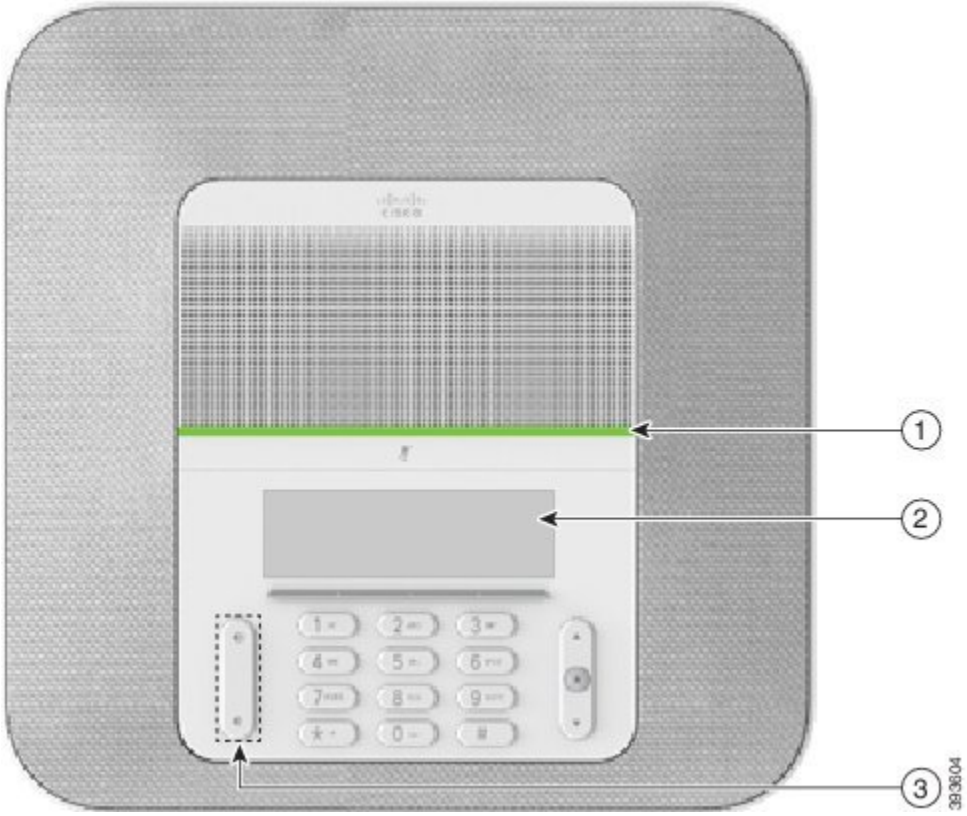
For additional information, see the phone User Guide, located here: http://www.cisco.com/c/en/us/support/collaboration-endpoints/unified-ip-phone-8800-series/products-user-guide-list.html

Cisco is committed to designing and delivering accessible products and technologies to meet the needs of your organization. You can find more information about Cisco and its commitment to accessibility at this URL: https://www.cisco.com/go/accessibility

Hearing-Impaired Accessibility Features

Your conference phone comes with standard accessibility features that require little or no setup.

Figure 15: Hearing-Impaired Accessibility Features



The following table describes the hearing-impaired accessibility features on the Cisco IP Conference Phone 8832.

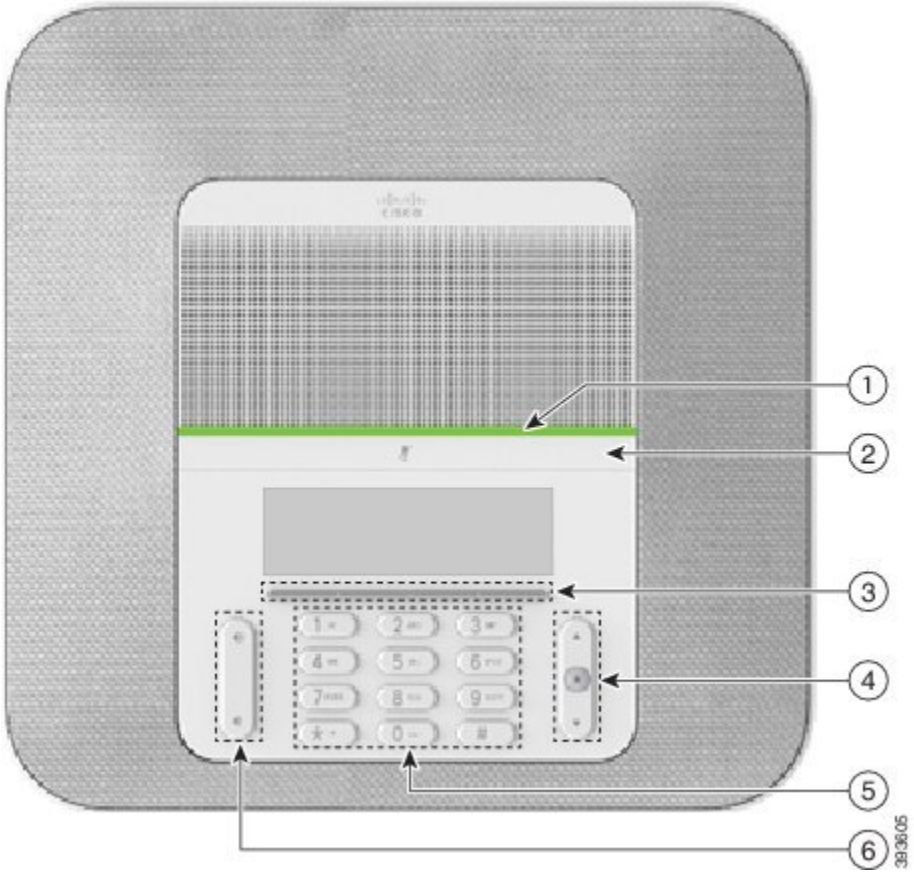
Table 6: Hearing-Impaired Accessibility Features

Item	Accessibility Feature	Description
1	LED bar	The phone screen displays the current state and the LED bar displays: • Green, solid—Active call • Green, flashing—Incoming call • Green, pulsing—Held call • Red, solid—Muted call
2	Visual notification of phone state and message-waiting indicator	The phone screen displays the current state. When you have a message, a message is displayed on the phone screen. Your phone also provides an audible message-waiting indicator. To change the audible voice-message indicator, sign in to the Self Care portal and access the message-indicator settings. You can change each setting to on or off. Your administrator can also change your settings.
3	Adjustable ringtone, pitch, and volume	• Select **Settings** > **Preferences** to change the ringtone. • Adjust the volume level for the phone ring. When not in a call, press **Volume** to raise or lower the volume. When you adjust the volume, the LED bar lights white to show the volume increase or decrease. Your administrator can also change your settings.

Vision-Impaired and Blind Accessibility Features

Your phone comes with standard accessibility features that require little or no setup.

Figure 16: Vision-Impaired and Blind Accessibility Features



The following table describes the vision-impaired and blind accessibility features on the Cisco IP Conference Phone 8832.

Table 7: Vision-Impaired and Blind Accessibility Features

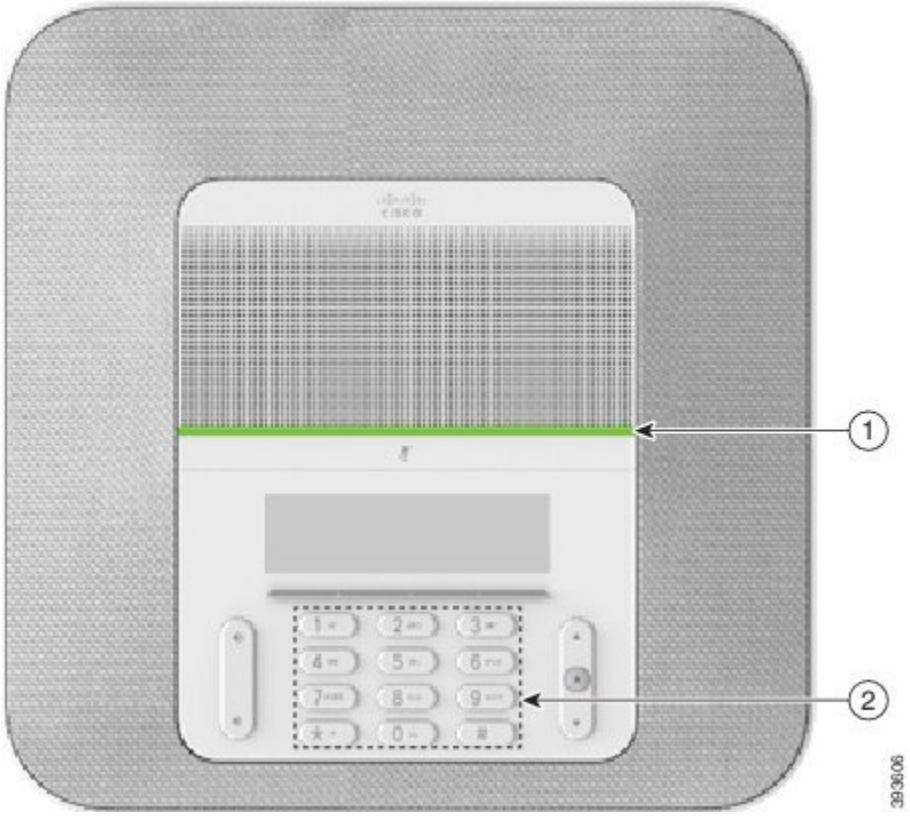
Item	Accessibility Feature	Description
1	High-contrast visual and audible alert of incoming call with the LED bar • The LED bar is located above the **Mute** button and the screen.	Use the **Mute** button to toggle the microphone on or off. When the microphone is muted, the LED bar lights red. When you turn on Mute, your phone beeps once; when you turn off Mute, your phone beeps twice.

Item	Accessibility Feature	Description
2	**Mute** button • This button is located between the LED bar and the screen.	Alerts you to an incoming call. The LED flashes during incoming calls. Colors indicate your phone's status: • Green, solid—Active call • Green, flashing—Incoming call • Green, pulsing—Held call • Red, solid—Muted call
3	Softkeys • These are buttons just below the LCD.	Provide access to special functions. The LCD displays the functions.
4	Navigation cluster (includes the Navigation bar and the **Select** button) • The Navigation cluster is located to the right of the keypad.	Use the Navigation bar to move up and down in the phone LCD. The **Select** button is in the center of the Navigation bar.
5	Standard 12-key layout	Allows you to use existing or familiar key positions. Key 5 has a nib.
6	**Volume** key • This key is located to the left of the keypad.	Allows you to increase or decrease the ring volume or the sound. Press up on the rocker key to increase the volume. Press down on the rocker key to decrease the volume. When you adjust the volume, the LED bar lights white to show the volume increase or decrease.

Mobility-Impaired Accessibility Features

Your conference phone comes with standard accessibility features that require little or no setup.

Figure 17: Mobility-Impaired Accessibility Features



The following table describes the mobility-impaired accessibility features on the Cisco IP Conference Phone 8832.

Table 8: Mobility-Impaired Accessibility Features

Item	Accessibility Feature	Description
1	LED bar	Indicates your phone's status: • Green, solid—Active call • Green, flashing—Incoming call • Green, pulsing—Held call • Red, solid—Muted call
2	Tactile-discernible buttons and functions, including a nib on Key 5	Allow you to easily locate your phone's keys. For example, Key 5 has a nib, which you can use to locate other key positions.

Third-Party Accessibility Applications

Cisco works closely with partners to provide solutions that complement the accessibility and usability of Cisco products and solutions. There are third-party applications such as real-time captioning on Cisco IP Phones,

Text Telephones for the Deaf (TDD/TTY), Real Time Text (RTT), hearing/voice carry over (HCO/VCO), audible caller ID, inline amplifiers for handsets for louder call sound, “busy lights”, audio/visual emergency notifications through Cisco IP Phones (supporting users with disabilities), etc.

For more information about third-party applications, contact your administrator.

Troubleshooting

You may experience issues related to the following scenarios:

- Your phone cannot communicate with the call control system.
- The call control system has communication or internal problems.
- Your phone has internal problems.

If you experience problems, your administrator can help troubleshoot the root cause of the problem.

Find Information About Your Phone

Your administrator may ask for information about your phone. This information uniquely identifies the phone for troubleshooting purposes.

Procedure

Step 1 Press **Settings**.

Step 2 Select **System information**.

Step 3 Press **Exit**.

Report Call Quality Issues

Your administrator may temporarily configure your phone with the Quality Reporting Tool (QRT) to troubleshoot performance problems. Depending on the configuration, use the QRT to:

- Immediately report an audio problem on a current call.
- Select a general problem from a list of categories and choose reason codes.

Procedure

Step 1 Press **Report quality**.

Step 2 Scroll and select the item that closely matches your problem.

Step 3 Press the **Select** softkey to send the information to your system administrator.

Report All Phone Issues

You can use the Cisco Collaboration Problem Report Tool (PRT) to collect and send phone logs, and to report problems to your administrator. If you see a message that the PRT upload has failed, the problem report is saved on the phone and you should alert your administrator.

Procedure

Step 1 Select **Settings** > **System information** > **Report problem**.

Step 2 Enter the date and time that you experienced the problem in the Date of problem and Time of problem fields.

Step 3 Select **Problem description**.

Step 4 Select a description from the displayed list, then press **Submit**.

Lost Phone Connectivity

Sometimes your phone can lose its connection to the call control system. When this connection is lost, your phone displays a message.

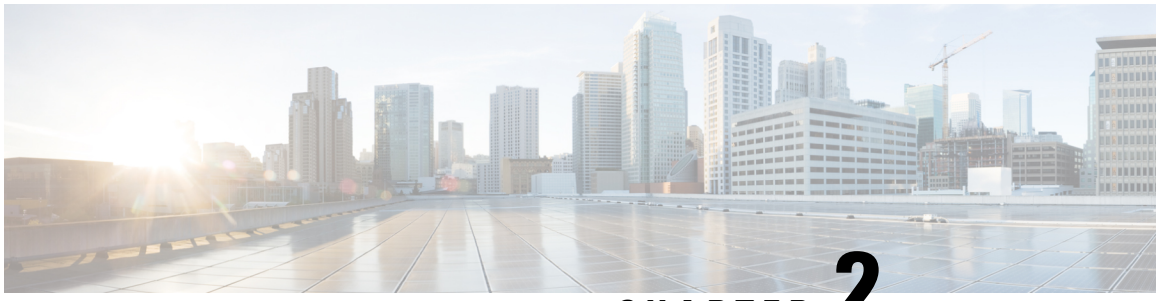
If you are on an active call when the connection is lost, the call continues. However, you do not have access to all normal phone functions because some functions require information from the call control system. Your softkeys might not work as you expect.

When the phone reconnects to the call control system, you'll be able to use your phone normally again.

Cisco One-Year Limited Hardware Warranty Terms

Special terms apply to your hardware warranty and services that you can use during the warranty period.

Your formal Warranty Statement, including the warranties and license agreements applicable to Cisco software, is available on Cisco.com at this URL: https://www.cisco.com/go/hwwarranty.



CHAPTER 2

Calls

Make Calls

Your phone works just like a regular phone. But we make it easier for you to make calls.

Make a Call

Use your phone just like any other phone to make a call.

Procedure

Enter a number and press **Call**.

Make a Call with a Phone Address

Sometimes, instead of just having someone's phone number, you might also have a phone address that you can use to place the call instead.

This address might look like an email address, such as **username1@example.com**, or it might contain numbers like **username2@209.165.200.224**.

Procedure

Step 1 Press **New call**.

Step 2 Press **ABC** and you'll be able to enter text using the keypad.

Step 3 Press a number on the keypad to see the available options, and then press the number again to move through the choices.

For example, press the number **1** three times to enter the @ symbol.

Step 4 Press **Call**.

Redial a Number

You can call the most recently dialed phone number.

Procedure

Press **Redial**.

Speed Dial

You can assign codes to quickly dial the numbers of people you call often. Before you can use speed-dial features on your phone, set up speed dial in the Self Care portal. Speed-dial codes allow you to phone number from a code (sometimes referred to as abbreviated dialing).

Related Topics

Self Care Portal, on page 13
Speed-Dial Numbers, on page 14

Make a Speed-Dial Call with Your Conference Phone

Before you begin

Set up speed-dial codes in the Self Care portal.

Procedure

Step 1 Press down on the Navigation bar or press **Favorites**.

Step 2 Select a speed-dial entry and press **Call**.

Make a Call With a Speed-Dial Code

Before you begin

Set up speed-dial codes in the Self Care portal.

Procedure

Enter the speed-dial code and press **Abbr dial**.

Get Notified When a Contact is Available

If you call someone and their line is busy or they do not answer, you can be notified with a special ringtone and a message when they are available.

Procedure

Step 1 Press **Callback** while you are listening to the busy tone or ring sound.

Step 2 Press **Exit** to exit the confirmation screen.

Step 3 When you hear the ringtone that the person is available and see the message, press **Dial** to place the call again.

Dial an International Number

You can dial international calls when you prefix the phone number with a plus (+) sign.

Procedure

Step 1 Press and hold **star (*)** for at least 1 second.

The plus (+) sign is displayed as the first digit in the phone number.

Step 2 Enter the phone number.

Step 3 Press **Call** or wait 10 seconds after the last key press to automatically place the call.

Secure Calls

Your administrator can take steps to protect your calls from tampering by people outside your company. When a lock icon is displayed on your phone during a call, your phone call is secure. Depending upon how your phone is configured, you may have to sign on before you make a call or before a security tone plays over your handset.

Answer Calls

Your Cisco IP Phone works just like a regular phone. But we make it easier for you to answer calls.

Answer a Call

Procedure

Press **Answer**.

Answer Call Waiting on Your Conference Phone

When you're on an active call, you know that a call is waiting when you hear a single beep and see a message on the conference phone screen.

Procedure

Press **Answer**.

Decline a Call

You can send a ringing call to your voicemail system (if configured). If not set up, the call is rejected and the caller hears a busy tone.

Procedure

Press **Decline**.

Turn On Do Not Disturb

Use do not disturb (DND) to silence your phone and ignore incoming call notifications when you need to avoid distractions.

When you turn on DND, your incoming calls are forwarded to another number, such as your voicemail, if it is set up.

Procedure

Step 1 Press **Do not disturb** to turn on DND.

Step 2 Press **Turn off DND** to turn off DND.

Trace a Suspicious Call

If you receive unwanted or harassing calls, use malicious call identification (MCID) to alert your administrator. Your phone sends a silent notification message to your administrator with information about the call.

Procedure

Press **Report caller**.

Mute Your Call

While you are on a call, you can mute the audio, so that you can hear the other person, but they cannot hear you.

When you have a call muted, the LED bar lights red.

Procedure

Step 1 Press **Mute** on the phone or **Mute** on an expansion microphone.

When you press **Mute** on an expansion microphone, the phone and all microphones are muted.

Step 2 Press **Mute** again to turn mute off.

Hold Calls

Put a Call on Hold

You can put an active call on hold and then resume the call when you're ready.

Procedure

Step 1 Press **Hold**.

Step 2 To resume a call from hold, press **Resume**.

Answer a Call Left on Hold for Too Long

When you've left a call on hold too long, you'll be notified with these cues:

- Single ring, repeating at intervals
- Flashing LED bar
- Visual notification on the phone screen

Procedure

Press **Answer** to resume the held call.

Swap Between Active and Held Calls

You can easily switch between active and held calls.

Procedure

Press **Swap** to switch to the held call.

Call Park

You can use your phone to park a call.

A parked call is monitored by your network so you won't forget about it. If the call remains parked for too long, you hear an alert. You can then answer, decline to answer, or ignore the call on your original phone. You can also continue retrieving it from another phone.

If you don't answer the call within a certain length of time, it's routed to voicemail or another destination, as set by your administrator.

Place a Call on Hold with Call Park

You can park an active call that you answered on your phone and then use another phone in the call control system to retrieve the call.

You can park only one call at the call park number.

Before you begin

Your call must be active.

Procedure

Step 1 Press **Park**, and then hang up.
Your phone displays the number where the system parked the call. The parked call is put on hold, and you can press **Resume** to resume the call on your phone.

Step 2 (Optional) Communicate the parked number to the person who needs to answer the call.

Retrieve a Call on Hold with Call Park

You can pick up a parked call from anywhere in your network.

Before you begin

You need the number that was used to park the call.

Procedure

Enter the number where the call is parked to retrieve the call.

Forward Calls

You can forward calls from your phone to another number.

There are two ways of forwarding your calls:

- Forward all calls
- Forward calls in special situations, such as when the phone is busy or there is no answer.

When a phone is forwarded, you see the Forward all icon on the screen.

Procedure

Step 1 When the phone is inactive, press **Forward All**.

Step 2 Enter the call forward target number exactly as you would dial it from your phone, or select an entry from your list of recent calls.

Related Topics

Self Care Portal, on page 13

Transfer Calls

You can transfer an active call to another person.

Transfer a Call to Another Person

When you transfer a call, you can stay on the original call until the other person answers. This way, you can talk privately with the other person before you remove yourself from the call. If you don't want to talk, transfer the call before the other person answers.

You can also swap between both callers to consult with them individually before you remove yourself from the call.

Procedure

Step 1 From a call that is not on hold, press **Transfer**.

Step 2 Enter the other person's phone number.

Step 3 (Optional) Wait until you hear the line ring or until the other person answers the call.

Step 4 Press **Transfer** again.

Consult Before You Complete a Transfer

Before you transfer a call, you can talk to the person that you're transferring the call to. You can also swap between that call and the call that you're transferring, before you complete the transfer.

Before you begin

You have an active call that needs to be transferred.

Procedure

Step 1 Press **Transfer**.

Step 2 Enter the other person's phone number.

Step 3 Press **Swap** to return to the held call.

Step 4 Press **Transfer** to complete the transfer.

Conference Calls and Meetings

You can talk with several people in a single call. You can dial another person and add them to the call.

When you add more than one person to a conference call, wait a few seconds between adding participants.

As the conference host, you can remove individual participants from the conference. The conference ends when all participants hang up.

Add Another Person to a Call

When you are on a call, you can add someone else to your conversation.

Procedure

Step 1 From an active call, press **Conf**.

Step 2 Enter a number.

Step 3 (Optional) Wait until you hear the line ring or until the other person answers the call.

Step 4 Press **Conf**.

Swap Between Calls Before You Complete a Conference

You can talk to a person before you add them to a conference. You can also swap between the conference call and the call with the other person.

Procedure

Step 1 Call a new conference participant, but do not add the participant to the conference.

Wait until the call is connected.

Step 2 Press **Swap** to toggle between the participant and the conference.

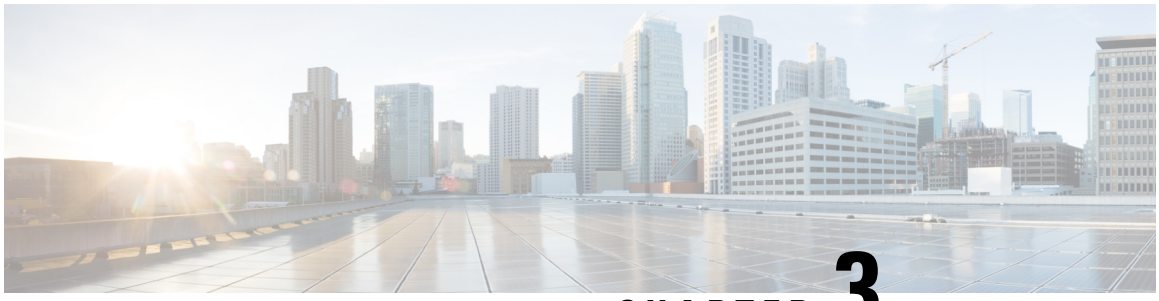
View and Remove Conference Participants

If you create a conference, you can view the details of the last 16 participants who join the conference. You can also remove participants.

Procedure

Step 1 While you are in a conference, press **Show Details** to view a list of participants.

Step 2 (Optional) Highlight a participant and press **Remove** to drop the participant from the conference.



CHAPTER 3

Contacts

Corporate Directory

You can look up a coworker's number from your phone, which makes it easier to give them a call. Your administrator sets up and maintains the directory.

Dial a Contact in the Corporate Directory

Procedure

Step 1 Press **Contacts**.

Step 2 Select **Corporate Directory**.

Step 3 Select a search criteria.

Step 4 Enter your search criteria and press **Submit**.

Step 5 Select the contact and press **Dial**.

Personal Directory

Use the personal directory to store the contact information for friends, family, or coworkers. You can add your own contacts to the personal directory. You can add special speed-dial codes for people who you often call.

You can set up your personal directory from your phone or from the Self Care portal. Use your phone to assign speed-dial codes to the directory entries.

Related Topics

Self Care Portal, on page 13

Sign In and Out of a Personal Directory

Before you begin

Before you can sign in to your personal directory, you need your user ID and PIN. Contact your administrator if you don't know this information.

Procedure

Step 1 Press **Contacts**.
Step 2 Select **Personal directory**.
Step 3 Enter your user ID and PIN, and press **Submit**.
Step 4 To sign out, select **Log out**, press **Select**, and then press **OK**.

Add a New Contact to Your Personal Directory

Procedure

Step 1 Press **Contacts**.
Step 2 Sign in to your personal directory.
Step 3 Select **Personal Address Book** and press **Submit**.
Step 4 Press **New**.
Step 5 Enter first name, last name, and optionally a nickname.
Step 6 Press **Phones**, enter the phone number along with any required access codes, and then press **Submit**.

Search for a Contact in Your Personal Directory

Procedure

Step 1 Press **Contacts**.
Step 2 Sign in to your personal directory.
Step 3 Select **Personal Address Book**.
Step 4 Select a search criteria.
Step 5 Enter your search criteria and press **Submit**.

Call a Contact in Your Personal Directory

Procedure

Step 1 Press **Contacts**.
Step 2 Sign in to your personal directory.
Step 3 Select your **Personal directory** and search for an entry.
Step 4 Select the personal address book entry that you want to dial.
Step 5 Select the required fast-dial code and press **Call**.

Assign a Fast-Dial Code to a Contact

A fast-dial code makes it easier to call a contact.

Procedure

Step 1 Press **Contacts**.
Step 2 Sign in to your personal directory.
Step 3 Select **Personal Address Book**.
Step 4 Select a search criteria.
Step 5 Enter the search criteria information and press **Submit**.
Step 6 Select the contact.
Step 7 Press **FastDial**.
Step 8 Select a number and press **Select**.
Step 9 Scroll to an unassigned fast-dial index and press **Submit**.

Call a Contact with a Fast-Dial Code

Procedure

Step 1 Press **Contacts**.
Step 2 Sign in to your personal directory.
Step 3 Select **Personal Fast Dials** and scroll to a fast-dial code.
Step 4 Select the required fast-dial code and press **Call**.

Edit a Contact in Your Personal Directory

Procedure

Step 1 Press **Contacts**.
Step 2 Sign in to your Personal directory.
Step 3 Select **Personal address book** and search for an entry.
Step 4 Press **Select**, then **Edit**.
Step 5 Modify the entry information.
Step 6 Press **Phones** to modify a phone number.
Step 7 Press **Update**.

Remove a Contact from Your Personal Directory

Procedure

Step 1 Press **Contacts**.
Step 2 Sign in to your personal directory.
Step 3 Select **Personal Address Book** and search for an entry.
Step 4 Press **Select**, then **Edit**, then **Delete**.
Step 5 Press **OK** to confirm the deletion.

Delete a Fast-Dial Code

Procedure

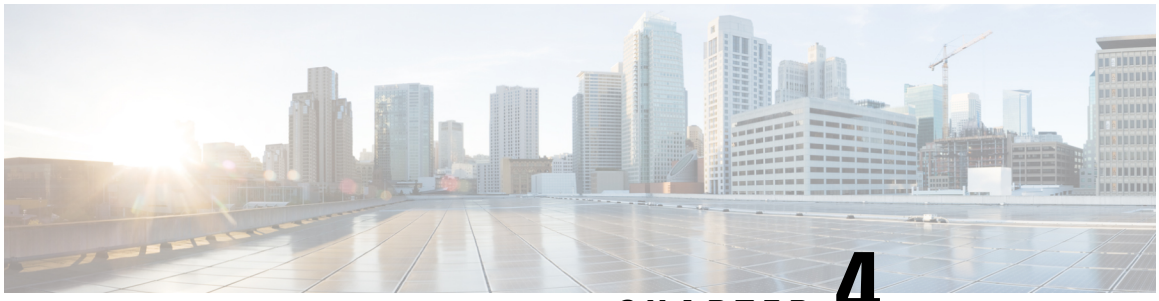
Step 1 Press **Contacts**.
Step 2 Sign in to your personal directory.
Step 3 Select **Personal Fast Dials** and search for a fast-dial code.
Step 4 Select the required code and press **Remove**.
Step 5 Select the index and press **Remove**.

Cisco Web Dialer

You can use Cisco Web Dialer, a web browser, and your Cisco IP phone to make calls from web and desktop applications. Use your web browser and go to a website or your company directory, and then click a hyperlinked phone number to begin your call.

You need a user ID and password to make a call. Your administrator can give you this information. First-time users have to configure their preferences before a call.

For more information, see the "Cisco Web Dialer" document in https://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/products-installation-and-configuration-guides-list.html



CHAPTER 4

Recent Calls

Recent Calls List

Use the Recents list to see the 150 most recent individual calls and call groups.

If your Recents list reaches the maximum size, the next new entry overwrites the oldest entry in the list.

Calls in the Recents list are grouped if they are to and from the same number and are consecutive. Missed calls from the same number also get grouped.

View Your Recent Calls

Check to see who's called you recently.

Procedure

Select **Recents**.

When the phone is in the idle state, you can also view the Recent calls list by pressing the Navigation cluster up.

Return a Recent Call

You can easily call someone who has called you.

Procedure

Step 1 Select **Recents**.
Step 2 Select the number that you want to dial.
Step 3 Press **Call**.

Clear the Recent Calls List

You can clear the Recents list on your phone.

Procedure

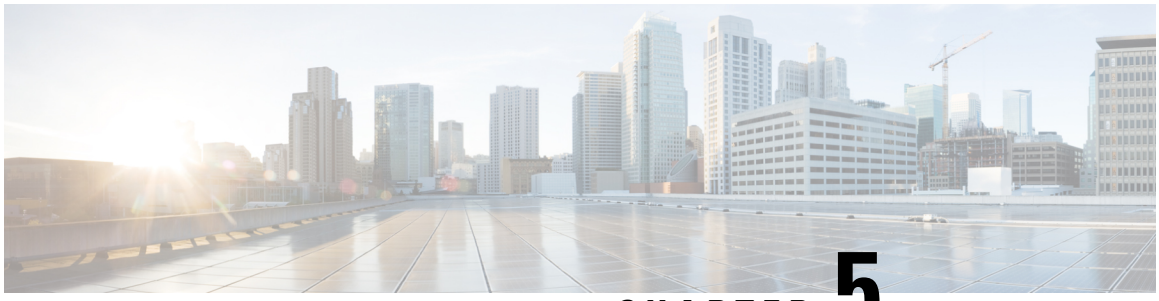
Step 1 Select **Recents**.
Step 2 Press **Clear**.
Step 3 Press **Delete**.

Delete a Call Record

You can edit Recents to remove a single call from your history. This helps preserve important contact information because Recents holds only 150 calls.

Procedure

Step 1 Select **Recents**.
Step 2 Highlight the individual record or call group that you want to delete.
Step 3 Press **Delete**.
Step 4 Press **Delete** again to confirm.



CHAPTER 5

Voicemail

Your Voicemail Account

You can access your voice messages directly from your phone. But your administrator must set up your voicemail account and set up your phone to access the voicemail system.

The **Messages** softkey on your phone acts as a speed dial into the voicemail system.

Note If the conference phone is a shared phone used in a conference room, the **Messages** softkey may not display.

The voicemail system is not part of the phone. The voicemail system is a separate system that the phone and the call server communicate with to give you voicemail capability.

When you aren't at your desk, you can call your voicemail system to access your voicemail. Typically, your voicemail system has a phone number that you can dial directly and then follow the prompts to log into your voice mailbox. Your administrator can give you the voicemail system phone number.

Because each voicemail system is different, we can't tell you how to use your voicemail system. For information and help with your voicemail commands, see the voicemail system user documentation or contact your administrator or IT department.

Check for New Voice Messages

To find out whether you have new voicemail messages, the number of missed calls and voicemail messages is displayed on your screen. If you have more than 99 new messages, a plus (+) sign is displayed.

You will also hear a stutter tone played on the speaker when you use off-hook dialing. This stutter tone is line-specific. You only hear it when you use a line that has voice messages.

Related Topics

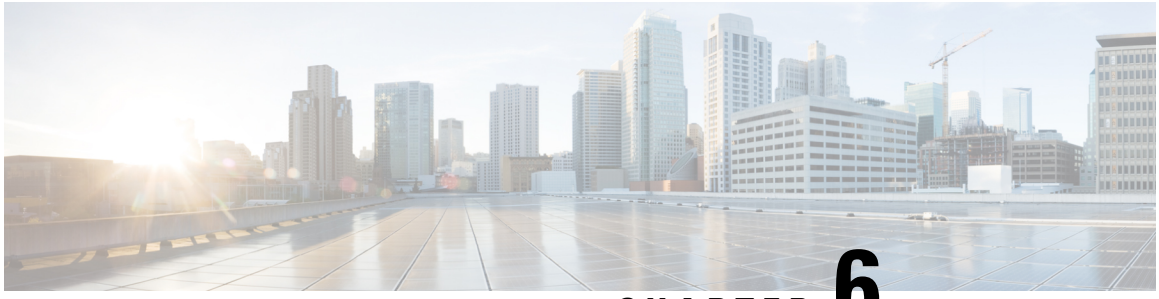
Self Care Portal, on page 13

Access Voicemail

Procedure

Step 1 Press **Messages**.

Step 2 Follow the voice prompts.



CHAPTER 6

Settings

Change the Ringtone

You can change the sound that your phone uses for incoming calls.

Procedure

Step 1 Select **Settings** > **Preferences** > **Ringtone**.

Step 2 Scroll through the list of ringtones and press **Play** to hear a sample.

Step 3 Press **Set** to use the ringtone.

Adjust the Phone Ringer Volume

If your phone ringer is too loud or too soft when you get an incoming call, you can change the ringer volume. Changes to the ringer volume do not affect the call volume you hear when you are on a call.

Procedure

Press **Volume**  up or down to adjust the volume when the phone is not in use.

Adjust the Volume During a Call

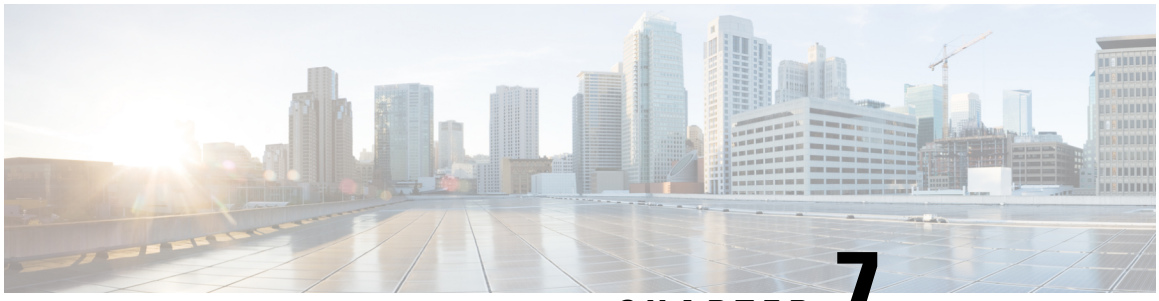
If the sound in your conference phone is too loud or too soft, you can change the volume while you are listening to the other person.

Procedure

Press **Volume**  up or down to adjust the volume while you are on a call.

Phone Display Language

Your phone can display text in many languages. Your administrator sets the language the phone uses. If you want the language changed, contact your administrator.



CHAPTER 7

Applications

Available Applications

Cisco phones don't include these applications by default. But your company might have added applications such as the weather, stock information, company news, to-do lists, or similar information and services.

View Active Applications

You can easily see what applications you already have open.

Procedure

Step 1 Press **Settings**.

Step 2 Select **Running applications**.

Step 3 Press **Exit**.

Switch to Active Applications

Procedure

Step 1 Press **Settings**.

Step 2 Select **Running applications**.

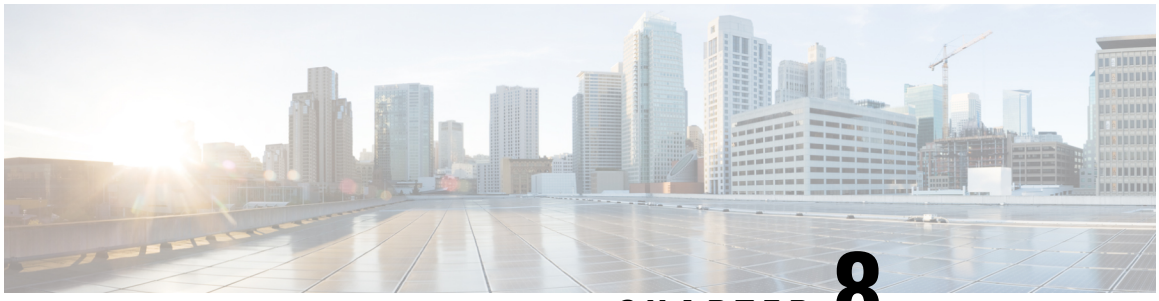
Step 3 Select a running application and press **Switch to** to open and use the selected application.

Step 4 Press **Exit**.

Close Active Applications

Procedure

Step 1 Press **Settings**.
Step 2 Select **Running applications**.
Step 3 Select a running application and press **Close app** to close the application.
Step 4 Press **Close**, then press **Exit**.



CHAPTER 8

Product Safety and Security

Safety and Performance Information

Power Outage

Your access to emergency service through the phone requires that the phone receive power. If a power interruption occurs, service or emergency calling service dialing does not function until power is restored. If a power failure or disruption occurs, you may need to reset or reconfigure the equipment before you can use service or emergency calling service dialing.

Regulatory Domains

The radio frequency (RF) for this phone is configured for a specific regulatory domain. If you use this phone outside of the specific regulatory domain, the phone will not function properly, and you might violate local regulations.

Health-Care Environments

This product is not a medical device and uses an unlicensed frequency band that is susceptible to interference from other devices or equipment.

External Devices

We recommend that you use good-quality external devices that are shielded against unwanted radio frequency (RF) and audio frequency (AF) signals. External devices include headsets, cables, and connectors.

Depending on the quality of these devices and their proximity to other devices, such as mobile phones or two-way radios, some audio noise may still occur. In these cases, we recommend that you take one or more of these actions:

- Move the external device away from the source of the RF or AF signals.
- Route the external device cables away from the source of the RF or AF signals.
- Use shielded cables for the external device, or use cables with a better shield and connector.
- Shorten the length of the external device cable.
- Apply ferrites or other such devices on the cables for the external device.

Cisco cannot guarantee the performance of external devices, cables, and connectors.

Caution In European Union countries, use only external speakers, microphones, and headsets that are fully compliant with the EMC Directive [89/336/EC].

Ways to Provide Power to Your Phone

You can provide power to your phone in one of these ways:

- Use the power adapter that comes with your phone.
- If your network supports Power over Ethernet (PoE), you can plug your conference phone into the network.

If you are not sure whether your network supports PoE, check with your administrator.

Phone Behavior During Times of Network Congestion

Anything that degrades network performance can affect phone voice and in some cases can cause a call to drop. Sources of network degradation can include, but are not limited to, the following activities:

- Administrative tasks, such as an internal port scan or security scan
- Attacks that occur on your network, such as a Denial of Service attack

UL Warning

The LAN/Ethernet cable or other cables attached to the device should not be extended outside of the building.

Compliance Statements

Compliance Statements for the European Union

CE Marking

The following CE mark is affixed to the equipment and packaging.

RF Exposure Statement for the European Union

This device has been evaluated and found compliant in accordance with EU EMF Directive 2014/53/EU.

Compliance Statements for the USA

Part 15 Radio Device

Caution The Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Cisco, including the use of non-Cisco antennas, could void the user's authority to operate this device.

Compliance Statements for Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Privacy of communications may not be ensured when using this phone.

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

Avis de Conformité Canadien

Cet appareil est conforme aux normes RSS exemptes de licence RSS d'Industry Canada. Le fonctionnement de cet appareil est soumis à deux conditions : (1) ce périphérique ne doit pas causer d'interférence et (2) ce périphérique doit supporter les interférences, y compris celles susceptibles d'entraîner un fonctionnement non souhaitable de l'appareil. La protection des communications ne peut pas être assurée lors de l'utilisation de ce téléphone.

Le présent produit est conforme aux spécifications techniques applicables d'Innovation, Sciences et Développement économique Canada.

Canadian RF Exposure Statement

THIS DEVICE MEETS THE LIMITS AS REFERENCED BY ISED RSS-102 R5 FOR EXPOSURE TO RADIO WAVES

Your device includes a radio transmitter and receiver. It is designed not to exceed the General populace (uncontrolled) limits for exposure to radio waves (radio frequency electromagnetic fields) as referenced in RSS-102 which references Health Canada Safety Code 6 and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

As such the systems are designed to be operated as to avoid contact with the antennas by the end user. It is recommended to set the system in a location where the antennas can remain at least a minimum distance as specified from the user in accordance to the regulatory guidelines which are designed to reduce the overall exposure of the user or operator.

The device has been tested and found compliant with the applicable regulations as part of the radio certification process.

Déclaration d'Exposition aux RF Canadienne

CE PÉRIPHÉRIQUE RESPECTE LES LIMITES DÉCRITES PAR LA NORME RSS-102 R5 D'EXPOSITION À DES ONDES RADIO

Votre appareil comprend un émetteur et un récepteur radio. Il est conçu pour ne pas dépasser les limites applicables à la population générale (ne faisant pas l'objet de contrôles périodiques) d'exposition à des ondes radio (champs électromagnétiques de fréquences radio) comme indiqué dans la norme RSS-102 qui sert de référence au règlement de sécurité n°6 sur l'état de santé du Canada et inclut une marge de sécurité importantes conçue pour garantir la sécurité de toutes les personnes, quels que soient leur âge et état de santé.

En tant que tels, les systèmes sont conçus pour être utilisés en évitant le contact avec les antennes par l'utilisateur final. Il est recommandé de positionner le système à un endroit où les antennes peuvent demeurer à au moins une distance minimum préconisée de l'utilisateur, conformément aux instructions des réglementations qui sont conçues pour réduire l'exposition globale de l'utilisateur ou de l'opérateur.

Le périphérique a été testé et déclaré conforme aux réglementations applicables dans le cadre du processus de certification radio.

Canadian High-Power Radars Statement

Users should also be advised that high-power radars are allocated as primary users (that is, priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Devraient également être informés des utilisateurs que les radars à haute puissance sont désignés comme utilisateurs principaux (à savoir des utilisateurs prioritaires) des bandes 5250-5350 MHz et 5650 à 5.850 MHz et que ces radars pourraient provoquer des interférences et / ou endommager les périphériques LE-LAN.

Compliance Statements for New Zealand

Permit to Connect (PTC) General Warning

The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

Compliance Statements for Taiwan

DGT Warning Statement

避免電波干擾，本器材禁止於室外使用5.25-5.35 秭赫頻帶

低功率電波輻射性電機管理辦法

第十二條　經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條　低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

低功率射頻電機技術規範

4.7　無線資訊傳輸設備

4.7.5　在5.25-5.35秭赫頻帶內操作之無線資訊傳輸設備，限於室內使用。

4.7.6　無線資訊傳輸設備須忍受合法通信之干擾且不得干擾合法通信；如造成干擾，應立即停用，俟無干擾之虞，始得繼續使用。

4.7.7　無線資訊傳輸設備的製造廠商應確保頻率穩定性，如依製造廠商使用手冊上所述正常操作，發射的信號應維持於操作頻帶中。

197048

本器材須經專業工程人員安裝及設定，始得設置使用，且口得直接販售給一般消費者

Low Power and Visual Warning Notices

視力保護警語：使用過度恐傷害視力
低功率射頻電機警語：
經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性之功能。
低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

4.7.9.1 應避免影響附近雷達系統之操作。

4.7.9.2 高增益指向性天線只得應用於固定式點對點系統。

Compliance Statement for Argentina

Advertencia

No utilizar una fuente de alimentación con caracteristícas distintas a las expresadas ya que podría ser peligroso.

CP-8832-MIC-WLS CNC ID:22259

CP-8832 CNC ID: 21503

Compliance Information for Brazil

Art. 6º - 506

This equipment is a secondary type device, that is, it is not protected against harmful interference, even if the interference is caused by a device of the same type, and it also cannot cause any interference to primary type devices.

For more information, go to this URL: http://www.anatel.gov.br

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

Site Anatel: http://www.anatel.gov.br

ANATEL
01661-18-01086

Compliance Statement for Singapore

Compliance Information for China

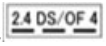
Class A Warning Statement

This statement applies to the Cisco IP Conference Phone 8832NR.

声明：此为A级UC系统产品附件(中国大陆)，在生活环境中，该产品可能会造成无线电干扰，在这种情况下，可能需要用户对其干扰采取切实可行的措施。

Compliance Information for Japan

VCCI Compliance for Class B Equipment 

Japan Radio Compliance CP-8832 

“5.2/5.3GHz is limited to indoor use only in Japan”

Compliance Information for Korea

R-CMM-TNY-CP-8832 for CP-8832-MIC-WIRED and CP-8832-POE

R-R-TNY-CP-8832-NR for CP-8832-NR

Compliance Information for Mexico

IFETEL: RCPCICP18-0445

Approval: NYCE/CT/0125/18/TS

Compliance Information for Russia

Eurasia Customs Union Mark (Russia, Belarus, Kazakhstan)

FCC Compliance Statements

The Federal Communications Commission requires compliance statements for the following:

FCC Part 15.19 Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15.21 Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this phone.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must be at least 20 cm from the user and must not be collocated or operating in conjunction with any other antenna or transmitter.

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

FCC Receivers and Class B Digital Statement

This product has been tested and complies with the specifications for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment or devices
- Connect the equipment to an outlet other than the receiver's
- Consult a dealer or an experienced radio/TV technician for assistance

Cisco Product Security Overview

This product contains cryptographic features and is subject to U.S. and local country laws that govern import, export, transfer, and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute, or use encryption. Importers, exporters, distributors, and users are responsible for compliance with U.S. and local country laws. By using this product, you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

Further information regarding U.S. export regulations can be found at https://www.bis.doc.gov/policiesandregulations/ear/index.htm.

Important Online Information

End User License Agreement

The End User License Agreement (EULA) is located here: https://www.cisco.com/go/eula

Regulatory Compliance and Safety Information

Regulatory Compliance and Safety Information (RCSI) is located here:

https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/cuipph/8832/regulatory_compliance/RCSI-0314-book.pdf