Cisco IP Conference Phone Hardware

Phones Supported in this Document

This document supports these phones:

- Cisco IP Conference Phone 7832 Multiplatform Phones

- Cisco IP Conference Phone 8832 Multiplatform Phones

In this document, the term *phone* or *Cisco IP Phone* refers to the above phones.

The Cisco IP Conference Phone 7832

The phone has sensitive microphones with 360-degree coverage. This coverage lets users speak in a normal voice and be heard clearly from up to 7 feet (2.1 m) away. The phone also features technology that resists interference from mobile phones and other wireless devices, assuring delivery of clear communications without distractions.

Like other devices, a Cisco IP Phone must be configured and managed. These phones encode and decode the following codecs:

- G.711 a-law
- G.711 mu-law
- G.722
- G722.2 AMR-WB
- G.729a/G.729ab
- G.726
- iLBC
- Opus
- iSAC

> ⚠️ **Caution**   Using a cell, mobile, or GSM phone, or two-way radio in close proximity to a Cisco IP Phone might cause interference. For more information, see the manufacturer's documentation of the interfering device.

Cisco IP Phones provide traditional telephony functionality, such as call forwarding and transferring, redialing, speed dialing, conference calling, and voice messaging system access. Cisco IP Phones also provide a variety of other features.

Finally, because the Cisco IP Phone is a network device, you can obtain detailed status information from it directly. This information can assist you with troubleshooting any problems users might encounter when using their IP phones. You can also obtain statistics about an active call or firmware versions on the phone.

Cisco IP Phone 7832 Buttons and Hardware

The following figure shows the Cisco IP Conference Phone 7832.

Figure 1: Cisco IP Conference Phone 7832 Buttons and Features

The following table describes the buttons on the Cisco IP Conference Phone 7832.

1	**Mute** bar	Toggle the microphone on or off. When the microphone is muted, the LED bar is lit red.
2	LED bar	Indicates call states: • Green, solid—Active call • Green, flashing—Incoming call • Green, pulsing—Held call • Red, solid—Muted call
3	Softkey buttons	Access functions and services.
4	Navigation bar and **Select** button	Scroll through menus, highlight items, and select the highlighted item. When the phone is idle, press **Up** to access the recent calls list and press **Down** to access the favorites list.

5	**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.

Conference Phone Softkeys (7832)

You can interact with the features on your phone with the softkeys. Softkeys, located below the screen, give you access to the function displayed on the screen above the softkey. The softkeys change depending on what you are doing at the time.

The ●● softkey indicates more softkey functions are available.

Related Documentation

Use the following sections to obtain related information.

Cisco IP Conference Phone 7832 Documentation

Find documentation specific to your language, phone model, and call control system on the product support page for the Cisco IP Conference Phone 7832.

Cisco IP Conference Phone 8832

The Cisco IP Conference Phone 8832 enhances people-centric communications. It combines superior high-definition (HD) audio performance and 360-degree coverage for medium to large conference rooms and executive offices. It provides an audiophile sound experience with a full-duplex two-way wideband (G.722) audio hands-free speaker. This phone is a simple solution that meets the challenges of the most diverse rooms

Figure 2: Cisco IP Conference Phone 8832 with Multiplatform Firmware

The conference phone has sensitive microphones with 360-degree coverage. This coverage lets you speak in a normal voice and be heard clearly from up to 10 feet (3 m) away. The phone also features technology that resists interference from mobile phones and other wireless devices, which assures delivery of clear communications without distractions. The phone provides a color screen and softkey buttons to access user functions. With the base unit alone, the phone provides coverage for a 20 x 20 ft. (6.1 x 6.1 m) room and up to 10 people.

Two wired expansion microphones are available for use with the phone. Placing the expansion microphones away from the base unit provides greater coverage in larger conference rooms. With the base unit and wired expansion microphones, the conference phone provides coverage for a 20 x 34 ft. (6.1 x 10 m) room and up to 22 people.

The phone also supports an optional set of two wireless expansion microphones. With the base unit and wireless expansion microphones, the conference phone provides coverage for a 20 x 40 ft. (6.1 x 12.2 m) room and up to 26 people. To cover a 20 x 40 ft. room, we recommend that you place each microphone at a maximum distance of 10 ft. from the base.

Like other devices, a Cisco IP Phone must be configured and managed. These phones encode and decode the following codecs:

- G.711 a-law

- G.711 mu-law
- G.722
- G722.2 AMR-WB
- G729a

- iLBC
- Opus

Note Using a cell, mobile, or GSM phone, or two-way radio in close proximity to a Cisco IP Phone might cause interference. For more information, see the manufacturer's documentation of the interfering device.

Cisco IP Phones provide traditional telephony functionality, such as call forwarding and transferring, redialing, speed dialing, conference calling, and voice messaging system access. Cisco IP Phones also provide a variety of other features.

As with other network devices, you must configure Cisco IP Phones to prepare them to access the third-party server and the rest of the IP network. By using DHCP, you have fewer settings to configure on a phone. If your network requires it, however, you can manually configure information such as: an IP address, TFTP server, and subnet information.

Cisco IP Phones can interact with other services and devices on your IP network to provide enhanced functionality. For example, you can integrate the third-party server with the corporate Lightweight Directory Access Protocol 3 (LDAP3) standard directory to enable users to search for coworker contact information directly from their IP phones.

Finally, because the Cisco IP Phone is a network device, you can obtain detailed status information from it directly. This information can assist you with troubleshooting any problems users might encounter when using their IP phones. You can also obtain statistics about an active call or firmware versions on the phone.

To function in the IP telephony network, the Cisco IP Phone must connect to a network device, such as a Cisco Catalyst switch. You must also register the Cisco IP Phone with a third-party server before sending and receiving calls.

Cisco IP Conference Phone 8832 Buttons and Hardware

The following figure shows the Cisco IP Conference Phone 8832.

Figure 3: Cisco IP Conference Phone 8832 Buttons and Features

1	**Mute** bar	Toggle the microphone on or off. When the microphone is muted, the LED bar is lit red.

2	LED bar	Indicates call states:
		• Green, solid—Active call
		• Green, flashing—Incoming call
		• Green, pulsing—Held call
		• Red, solid—Muted call
3	Softkey buttons	⬛ Access functions and services.
4	Navigation bar and **Select** button	Scroll through menus, highlight items, and select the highlighted item. When the phone is idle, press **Up** to access the recent calls list and press **Down** to access the favorites list.
5	**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.

Note   Cisco 8832 Conference Phones running multiplatform firmware doesn't support Wifi. Use these phones with a physical ethernet connection.

Conference Phone Softkeys (8832)

You can interact with the features on your phone with the softkeys. Softkeys, located below the screen, give you access to the function displayed on the screen above the softkey. The softkeys change depending on what you are doing at the time.

The ●● and ●● softkeys indicate more softkey functions are available.

Wired Expansion Microphone (8832 Only)

The Cisco IP Conference Phone 8832 supports two wired expansion microphones, available in an optional kit. Use the expansion microphones in larger rooms or in a crowded room. For best results, we recommend that you place the microphones between 3 feet (0.91 m) and 7 feet (2.1 m) away from the phone.

Figure 4: Wired Expansion Microphone
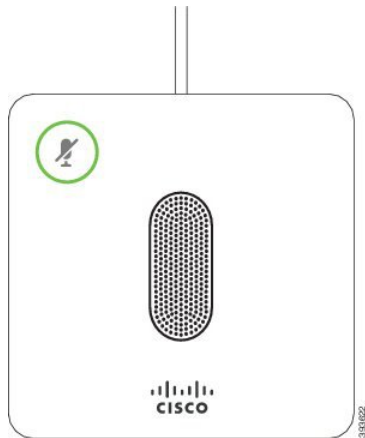
When you're in a call, the expansion microphone LED around the **Mute** button is green.

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

Wireless Expansion Microphone (8832 Only)

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.
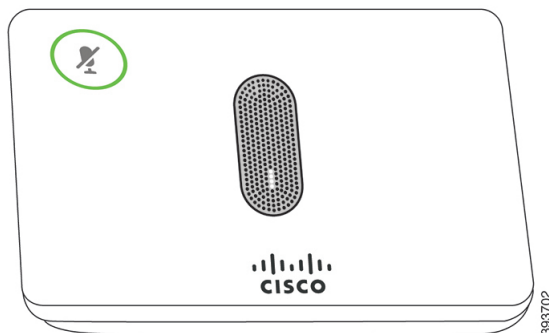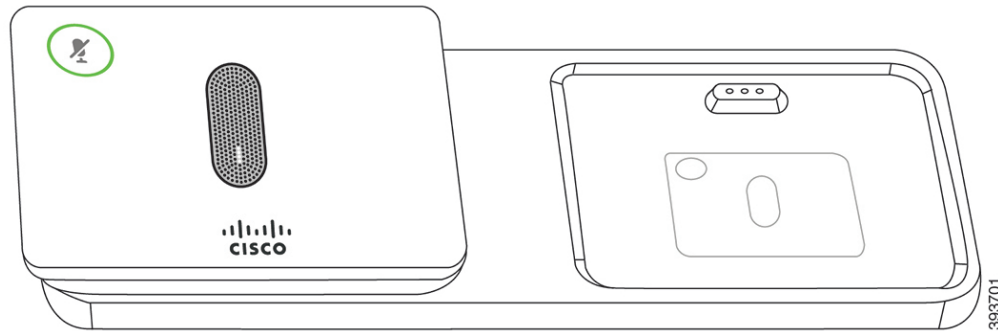
Figure 5: Wireless Microphone

Figure 6: 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.

Cisco IP Conference Phone 8832 Documentation

Refer to publications that are specific to your language and call control system. Navigate from the following documentation URL:

https://www.cisco.com/c/en/us/support/collaboration-endpoints/ip-phone-8800-series-multiplatform-firmware/tsd-products-support-series-home.html

Terminology Differences

In this document, the term Cisco IP Phone includes the Cisco IP Conference Phone 8832 Multiplatform Phones.

The following table highlights some of the terminology differences in the Cisco IP Conference in the Cisco IP Conference Phone 8832 Multiplatform Phone User Guide, the Cisco IP Conference Phone 8832 Multiplatform Phones Administration Guide.

Table 1: Terminology Differences

User Guide	Administration Guide
Message Indicators	Message Waiting Indicator (MWI)

User Guide	Administration Guide
Voicemail System	Voice Messaging System