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## Overview

CP-8831-K9 is the Cisco Unified IP Conference Phone 8831 base and control panel for North America. It offers scalable solution to meet the challenges in various rooms by using extension wired or wireless microphones with daisy-chain configuration of two units. The ergonomic design of CP-8831-K9 offers acoustically pleasing, attached control panel makes display easily viewed with no need to move the unit. With supporting of CUCM and business edition systems, the phone offers more productive and more security during communication across the network.

## Quick Specs

Figure 1 shows the appearance of the CP-8831-K9 base unit and control panel.



Table 1 shows the Quick Spec.

Product Code	CP-8831-K9
Display	3.5'' - 396 x 162 pixel-based anti-glare graphical monochrome display with white backlight
Ethernet Switch	10/100
Programmable Line Keys	4
Number of Line Keys	1
Full Duplex Speakerphone	Yes
Wideband Audio	Yes
PoE Classification	Class 3
Hands Free	Yes Speakerphone
Third-party Call Control	Yes

Bluetooth / DECT	DECT (mics)
Power	IEEE 802.3af line power, CP-PWR-CUBE-3
Dimensions (H x W x D)	Base: 15.05 x 26.35 x 5.08 cm Control panel: 14.61 x 12.7 x 2.54 cm

## Product Details

Figure 2 shows the front panel the CP-8831-K9 Display Control Unit.



Note:

(1)	Phone screen	(5)	Keypad
(2)	Four programmable keys.	(6)	Mute button
(3)	Navigation bar with Select key	(7)	Volume rocker
(4)	Call button		

Figure 3 shows the CP-8831-K9 Sound Base.



Note:

(1)	LED indicator	(3)	LED indicator
(2)	LED indicator	(4)	Mute button

Figure 4 shows the CP-8831-K9 Sound Base back panel.

The Sound Base contains the network and power connection for the phone.



Note:

(1)	Network port	(4)	Wired microphone ports
(2)	Wall power	(5)	Linked Mode daisy chain port
(3)	Mini USB port		

Figure 5 shows the CP-8831-K9 with extension microphones. These extra microphones should purchase separately.

CP-8831-K9 has ability to grow to fit a variety of room needs

- Small Office (base unit)
- Standard Conference Room (base unit and 2 wired or wireless extension microphones)
- Boardroom (daisy chaining two base units)
- Large Boardroom (daisy chaining two base units and 2 wired or wireless extension microphones)



## Compare to Similar Items

Table 2 shows the comparison of Cisco IP Phone 8811, 8831, 8841 and 8851.

Model	<a href="#">CP-8811-K9</a>	CP-8831-K9	<a href="#">CP-8841-K9</a>	<a href="#">CP-8851-K9</a>
Ethernet Switch	10/100/1000	10/100	10/100/1000	10/100/1000
Programmable Line Keys	4	4	4	4
Number of Line Keys	5	1	5	5
Full Duplex Speakerphone	Yes	Yes	Yes	Yes
Wideband Audio	Yes	Yes	Yes	Yes
PoE Classification	Class 2	Class 3	Class 2	Class 3
Bluetooth / DECT	No	DECT (mics)	No	Bluetooth
Third-party Call Control	Yes	Yes	Yes	Yes
Replaceable Bezel	Yes (Black, Silver)	No	Yes (Black, Silver)	Yes (Black, Silver)
Wall Mountable	Yes	No	Yes	Yes

## Get More Information

Do you have any question about the CP-8831-K9?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

## Specification

CP-8831-K9 Specification	
Signaling protocol support	Session Initiation Protocol (SIP)
Codec support	G.711, G.729 (a and ab), G.722, and Internet Low Bitrate Codec (iLBC)
Calling feature support	<ul style="list-style-type: none"> <li>+ Dialing (E.164)</li> <li>Adjustable ringing and volume levels</li> <li>Adjustable display brightness</li> <li>Application launch pad</li> <li>Auto-answer</li> <li>Auto-detection of headset</li> <li>Barge</li> <li>Call forward</li> <li>Call history lists</li> <li>Call timer</li> <li>Call waiting</li> <li>Caller ID</li> <li>Corporate directory</li> <li>Conference</li> <li>Direct transfer</li> <li>Fast-dial service</li> <li>Hold</li> <li>Immediate divert</li> <li>Join</li> <li>Message-waiting indicator</li> <li>Music on hold</li> <li>Mute</li> <li>Network profiles (automatic)</li> <li>On- and off-network distinctive ringing</li> <li>Personal directory</li> <li>Predialing before sending</li> <li>Privacy</li> <li>Ring tone per line appearance</li> <li>Shared line</li> <li>Survivable Remote Site Telephony (SRST)</li> <li>Time and date display</li> <li>Transfer</li> </ul>

	Voicemail
Directories	The Cisco Unified IP Conference Phone 8831 identifies incoming messages and categorizes them for users on the screen. This feature allows you to quickly and effectively return calls using direct dial-back capability. The corporate directory integrates with the Lightweight Directory Access Protocol Version 3 (LDAPv3) standard directory.
Apps	The Apps soft key allows you to enter the Applications menu, where you are able to adjust display contrast, select background images (if available), and select from a large number of unique ringer sounds through the User Preference menu. Network configuration preferences also can be set up (usually by the system administrator). Configuration can be either automatically or manually set up for Dynamic Host Control Protocol (DHCP), Trivial File Transfer Protocol (TFTP), Cisco Unified Communications Manager, and backup Cisco Unified Communications Manager instances.
Help	The online Help feature gives you information about the phone keys, buttons, and features. The pixel display allows for more flexible feature navigation and significantly expands the information viewed when using features such as Services, Information, Messages, and Directory. For example, the Directory button can show local and server-based directory information.
Hold, Mute, and Redial keys	The Mute key is a fixed key. When it is active, the LED flashes on the Cisco Unified IP Conference Phone 8831 as well as on the optional wired and wireless microphone kits. Hold and Redial are provided as soft keys associated with the screen, and are always at the same position for easy access.
Wired control panel	The panel allows easy control of the unit and viewing of the display without having to move the entire unit.
Display	The conference station has a large high-resolution, graphical 3.5-inch backlit display (396 x 162 pixels).
Speakerphone	The Cisco Unified IP Conference Phone 8831 offers full-duplex high-quality wideband speakerphone technology. Included are Automatic Gain Control, comfort-noise generation, silence suppression and voice activity detection, Echo A two-way high-fidelity loudspeaker system provides superior speech clarity versus traditional conferencing systems. Suppression, and dynamic noise reduction, which reduces noise by up to 9 dB from constant noise sources such as fans or heating, ventilation, and air conditioning (HVAC) systems.
Volume control	The convenient Volume Control buttons on Cisco Unified IP Conference Phone 8831 provide for easy, decibel-level adjustments for the speakerphone and ringer.
Quality-of-service (QoS) options	The Cisco Unified IP Conference Phone supports DHCP and 802.1Q/p standards. The conference station can also be configured with an 801.1Q VLAN header containing the VLAN ID overrides configured by the Admin VLAN ID.
Multiple ring tones	User-adjustable ring tones are available.
Security	The Cisco Unified IP Conference Phone 8831 supports device authentication through 802.1.x supplicant (TLS) and SRTP.
Language support	<ul style="list-style-type: none"> <li>Arabic (Arabic Area)</li> <li>Bulgarian (Bulgaria)</li> <li>Catalan (Spain)</li> <li>Chinese (China)</li> <li>Chinese (Hong Kong)</li> <li>Chinese (Taiwan)</li> <li>Croatian (Croatia)</li> <li>Czech (Czech Republic)</li> <li>Danish (Denmark)</li> <li>Dutch (Netherlands)</li> <li>English (United Kingdom)</li> <li>Estonian (Estonia)</li> <li>French (France)</li> <li>Finnish (Finland)</li> <li>German (Germany)</li> <li>Greek (Greece)</li> </ul>

	<p>Hebrew (Israel)</p> <p>Hungarian (Hungary)</p> <p>Italian (Italy)</p> <p>Japanese (Japan)</p> <p>Latvian (Latvia)</p> <p>Lithuanian (Lithuania)</p> <p>Korean (Korea Republic)</p> <p>Norwegian (Norway)</p> <p>Polish (Poland)</p> <p>Portuguese (Portugal)</p> <p>Portuguese (Brazil)</p> <p>Romanian (Romania)</p> <p>Russian (Russian Federation)</p> <p>Spanish (Columbia)</p> <p>Spanish (Spain)</p> <p>Slovak (Slovakia)</p> <p>Swedish (Sweden)</p> <p>Serbian (Republic of Serbia)</p> <p>Serbian (Republic of Montenegro)</p> <p>Slovenian (Slovenia)</p> <p>Thai (Thailand)</p> <p>Turkish (Turkey)</p>
<p>Configuration options</p>	<p>You can configure IP address assignment statically or through the DHCP client.</p>

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