

Refurbished CISCO CP-8831-MIC-WRLS Datasheet

CISCO > COLLABORATION-ENDPOINTS

Cisco IP Phone 8800 Series

Features and Benefits	
Features	
Superior wideband acoustics	160 Hz to 20 kHz, +/-3 dB. The latest in wideband codecs for maximum voice bandwidth. Enhanced speech quality and speaker recognition.
Output	92-dB SPL peak output
Microphone Accessory Options	
Wired microphone	This microphone extends the operational range of the Cisco Unified IP Conference Phone 8831 with even coverage around the periphery of the device with 7 feet of additional reach.
Power Features	
IEEE 802.3af line power	Local power supply is not required.
Call-Control Support	
Cisco Unified Communications Manager	The phone supports Cisco Unified Communications Manager (Cisco UCM) Releases 8.5(1), 8.6(2), 9.0, and later.
Cisco Business Edition 3000	The phone is supported on the Cisco Business Edition 3000 Releases 8.6(1) and later.
Cisco Business Edition 6000	The phone is supported on the Cisco Business Edition 6000 Releases 8.6(5) and later.
Cisco Unified Communications Manager Express	The phone is supported with CME 10.0 and above. On IOS 15.4(1)T and later with Fast Track Support.
Cisco Hosted Collaboration Solution	The phone is supported with 8.6(2) and later (using supported UCM versions above).

Features and Specifications of Cisco Unified IP Conference Phone 8831	
Feature	
Feature	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	+ Dialing (E.164) Adjustable ringing and volume levels Adjustable display brightness Application launch pad Auto-answer Auto-detection of headset Barge Call forward Call history lists Call timer Call waiting Caller ID Corporate directory Conference Direct transfer Fast-dial service Hold Immediate divert Join

	Message-waiting indicator Music on hold Mute Network profiles (automatic) On- and off-network distinctive ringing Personal directory Predialing before sending Privacy Ring tone per line appearance Shared line Survivable Remote Site Telephony (SRST) Time and date display Transfer 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 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. A two-way high-fidelity loudspeaker system provides superior speech clarity versus traditional conferencing 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	Arabic (Arabic Area) Bulgarian (Bulgaria) Catalan (Spain) Chinese (China) Chinese (Hong Kong) Chinese (Taiwan) Croatian (Croatia) Czech (Czech Republic) Danish (Denmark) Dutch (Netherlands) English (United Kingdom) Estonian (Estonia) French (France) Finnish (Finland) German (Germany) Greek (Greece) Hebrew (Israel) Hungarian (Hungary) Italian (Italy) Japanese (Japan)

Latvian (Latvia)
 Lithuanian (Lithuania)
 Korean (Korea Republic)
 Norwegian (Norway)
 Polish (Poland)
 Portuguese (Portugal)
 Portuguese (Brazil)
 Romanian (Romania)
 Russian (Russian Federation)
 Spanish (Columbia)
 Spanish (Spain)
 Slovak (Slovakia)
 Swedish (Sweden)
 Serbian (Republic of Serbia)
 Serbian (Republic of Montenegro)
 Slovenian (Slovenia)
 Thai (Thailand)
 Turkish (Turkey)

Configuration options You can configure IP address assignment statically or through the DHCP client.

System Specifications

Category

Category	Specification
Dimensions (H x W x D)	Base: 10.38 x 10.38 x 2.0 in. (15.05 x 26.35 x 5.08 cm) Control panel: 5.75 x 5.0 x 1.0 in. (14.61 x 12.7 x 2.54 cm) Microphones: 3.5 x 2.5 x 0.5 in. (8.89 x 6.35 x 1.27 cm) Charger tray: 6.5 x 4.5 x 0.75 in. (16.51 x 11.43 x 1.90 cm)
Weight	Base 3.50 lbs. (1,587.0 grams) DCU 0.56 lbs. (253.0 grams) Wired Microphones 0.15 lbs. (66.8 grams) Wireless Microphones 0.14 lbs. (64.7 grams) Charger 0.42 lbs. (191.9 grams)
Display	3.25 x 1.5 in. (8.26 x 3.81 cm); 396 x 162 pixels.
Phone casing composition	Polycarbonate acrylonitrile butadiene styrene (ABS) textured plastic.
Power requirements	The Cisco Unified IP Conference Phone 8831 is an interoperable IEEE 802.3af PoE (Class 3 device); 48 VDC is required; it can be supplied locally at the desktop using an optional AC-to-DC power supply (CP-PWR-CUBE-3=). Use of the power supply also requires the use of one of the corresponding AC country cords listed in Table 7 later in this document. Use of a power supply (CP-PWR-CUBE-3=) is required when using the Cisco Unified IP Conference Phone 8831 in a daisy-chain configuration.

Temperature

Category

Category	Range
Operational temperature	23~104°F (-5°C~40°C)
Nonoperational temperature shock	-13~158 (-25~70°C)
Temperature altitude (operational)	77°F (25°C) ambient condition to 9843 ft (3000m)
Temperature altitude (nonoperational)	Ambient condition to 15,000 ft (4572m)
Temperature humidity (nonoperational)	95% relative humidity

Regulatory Standards Compliance: Safety and EMC

Specification

Regulatory compliance	Products should comply with CE Marking per directives 2004/108/EC and 2006/95/EC
Safety	UL 60950-1 Second Edition Amd 1 CAN/CSA-C22.2 No. 60950-1 Second Edition Amd 1 EN 60950-1 Second Edition A11, A1, A12 IEC 60950-1 Second Edition Amd 1

	AS/NZS 60950-1: 2011 GB4943 2011
EMC: Emissions	FCC Part 15 Subpart B Class B AS/NZS 3548 CISPR22 Class B EN55022 Class B ICES-003 Class B VCCI Class B KN22 Class B CNS13438 Class B
EMC: Immunity	EN55024 CISPR24 EN300386 KN24
EMC: Radio DECT	FCC Part 15 Subpart D IC RSS-213 EN 301 406
Telecom	AUS AS/ACIF S004 - Hands-free Send Frequency Response

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