Poly CCX 505 Business Media Phone with Open SIP and PoE-enabled

*Product image may differ from actual product

Simply intuitive

By design, the Poly CCX 500 Series business media phones are simple and intuitive to use – with one-touch-access to your contacts and meetings. So, users can get right to work.

Audio expertise you can trust

With Poly CCX 500 Series business phones you can feel confident you sound professional on every call. And with Poly signature audio, Poly HD Voice and Acoustic Clarity technologies, you know you will hear and be heard on your calls.

Always ready for the next call

The CCX 500 Series supercharges collaboration with its easy to use, touchscreen interface and ergonomic design. The simple touch-access to contacts, meetings and voicemails keeps your user's day moving, boosting productivity.

Featuring

Audio clarity

Conversations stay clear with Poly HD Voice and Poly Acoustic Clarity technologies.

Distraction-free calls

Reduce distracting background noise with Poly Acoustic Fence technology.

Integrated WiFi

Easy to install in home offices or hard-to-cable office locations with integrated WiFi.

Touchscreen controls

Contacts and meetings are easily accessible via the color touchscreen with 5" multi-touch LCD display.

Add a Poly headset

Multiple Poly headset options are available to suit any worker's style – in addition to the traditional handset.

Communications platforms

An IT manager's dream, this desk phone was created for communication and is optimized and certified to work with top virtual meeting providers.

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Specifications

Compatible with

Compatible operating systems: Android 12

Display

Aspect ratio: 9:16
Native resolution: 720 x 1280
Panel technology: Color LCD
Display size (diagonal): 12.7 cm (5")
Touch-enabled: Gesture-based, multi-touch capable touchscreen

Connectivity and communications

External I/O ports:
1 USB 2.0 Type-A (for media, storage applications, headset, expansion module)
1 USB 2.0 Type-C® (for media, storage applications, headset, expansion module)
2 RJ-45 (10/100/1000 Mbps)
Wireless Technology:
Bluetooth® 4.2; Wi-Fi network connectivity: 2.4-2.4835 GHz (802.11b, 802.11g, 802.11n HT-20); 5.15-5.825 GHz (802.11a, 802.11n, HT-20, 802.11n HT-40)

User interface features

Languages: Arabic; Chinese; Czech; Danish; Dutch; English; French; German; Hungarian; Italian; Japanese; Korean; Norwegian; Polish; Portuguese; Romanian; Russian; Slovenian; Spanish; Swedish

Audio

Audio features:
Poly HD Voice
Poly Acoustic Clarity technology provides full duplex conversations, acoustic echo cancellation, and background noise suppression
Poly Acoustic Fence technology eliminates background noise when using a handset or wired headset
Poly NoiseBlockAI technology removes most background noise when using the speakerphone
TIA-920 wideband audio, type 1 compliant (IEEE 1329 full duplex)
Individual volume settings with visual feedback for each audio path
Voice activity detection
Comfort noise generation
DTMF tone generation (RFC 2833 and in-band)
Low delay audio packet transmission
Adaptive jitter buffers
Frequency response (microphone): 100 Hz to 20 kHz
Audio codecs: G.711 (A-law and μ-law); G.722; G.729AB; iLBC; OPUS

Other features

Special features: Adjustable desk stand (2 positions)[5]

Power supply

Power features: Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 0)
13 W (maximum)[3]

Certifications

Certified collaboration software: Zoom[4]

Environmental

Certifications and compliances: Argentina ENACOM; Australia RCM; Brazil ANATEL; Canada ICES and NRTLC; China SRRC; China RoHS 2.0; EEA CE Mark; Eurasian Customs Union EAC; India WPC; Indonesia SDPPI; Israel MOC; Japan MIC and VCCI; Malaysia SIRIM; Mexico IFETEL and NYCE; NZ Telepermit; Saudi Arabia CITC; Singapore IMDA; South Africa ICASA; South Korea KC; Taiwan NCC; UAE TRA; USA FCC and NRTL; UL 62368-1; CAN/CSA C22.2 No. 62368-1-14; EN 62368-1; IEC 60950-1; IEC 62368-1; AS/NZS 62368-1; FCC Part 15 Class B; ICES-003 Class B; EN 55032 Class B; EN 55024; EN 301 489-1 and EN 301 489-3 and EN 301 489-17; CISPR32 Class B; VCCI Class B; USA–FCC Part 15.247 & FCC Part 15.407; Canada–RSS 247 Issue2; EU–ETSI EN 300 328 & ETSI EN 301 893; Japan–Article 2.1 Item 19-2 and 19-3; Australia–AS/NZ4268
Operating humidity range: 5 to 95%
Operating temperature range: 0 to 40°C
Storage temperature range: -40 to 70°C
Energy star certified: ENERGY STAR® certified

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Specifications

Management

Management interfaces

Yealink

Web Mini Touch Processing

Remote Device Management Service (Yealink RPS), HTTP/HTTPS configuration

Web UI for device IP address

Display features

16.7 million color backlit 5-inch (1280 x 720) resolution capacitive touch screen, 720p HD Video Calling

Security

Security management

802.1X Authentication and VLAN Tagging per phone port

Hardware authentication

Encryption configuration files

LDAP/Secure Lightweight

Firmware Digest

Signed TFTP, signed HTTPS/Secure web UI

Signed TFTP, MD5 signature with password

Recovery Image Checksum, SCEP

Headset and handset compatibility

Headset ports

Yes x

Telephone Voice Band (300 Hz)/Wideband (Hz)

Headset and handset compatibility

Bluetooth® headset compatibility

Poly Voyager Focus UC series, Poly Savi 8200 PC-Optimized, Voyager Legend

Voyager Legend, Voyager Edge, Voyager 4220 Series USB

Voyager Legend, Voyager Edge, Voyager 4220 Series USB

Headset port compatibility (2.5 mm, 3.5 mm, 4.0 mm, 3.5 mm Wideband, Quick Disc)

Headset port compatible (USB Headset Plug-in, magnetic coupling, Hot Swap, etc)

USB Type-A headset support

Headset Mute Synchronization

Telephony and call handling features

Telephony and call handling features

Group Large Call (GLC)

Call Park - Park and Retrieve

Caller Preferred Ringtones

Do not disturb (DND)

Microsoft Lync support (MS-LYNC)

Wireless (WiFi) Signal Strength Indicator

Automatic Office Hours Call Forwarding

Call Forwarding Busy, Unavailable, Unconditional, Timed, Group

Calling, Calling Line Identification Presentation

Call Hold, Call Transfer, Call Waiting

Phone Lock Per Idle Timeout

Dial Plan Support

Call Logs (Unanswered, Placed)

Local Contact Directory

Disable Auto Answer Timer Calling

Time and Date Display

Multicast Paging

Multicast Paging

Local Call Recording (USB Key, Centralized Call Recording Server, or Web Display)

Automatic Call Distribution (ACD)

Automatic Answer Intercom

Call Coverage

Shared Call Appearance

Barge-In Intercom

Hunting Group - Ringing Mode Setting

Call Park Notifier

Auto Answer Paging with Accepted Anonymous

PTT (Push-to-Talk) Paging Group

Business Card Exchange Integration

Disable Ringer Mode

Busy Lamp Indicators

SIP/H.323 Multiple Codec Bit Compression

Voice Quality Monitoring (VQMon)[1]

Network

Supported network protocols

IPv4/IPv6/IEEE Network Protocols Suite (IPv4 and IPv6)

Ethernet Interface (10/100/1000 Ethernet, RJ-45, Full Duplex, Power over Ethernet)

Ethernet Interface (10/100/1000 Ethernet, RJ-45, Full Duplex, Power over Ethernet)

Network Address Translation and Application Level Gateway (ALG)

SIP Proxies

Microsoft SIP Applications

Weight and Dimensions

Product Physical Color Black

Package weight 2.00 kg

Package dimensions 28.0 x 20.0 x 17.0 cm

Number of units in a pack 10

Number of units in Master Carton 28.0 x 20.0 x 34.0 cm

Master Carton Weight 24.00 kg

Country of origin TW

Product Depth 7

Product Height 7

Product Width 20

Product Weight 1.47 kg

Product Dimensions 19.0 x 20.0 x 7.0 cm

Product Number 2200-87000

Product Number http://2200-87000.poly.com/media/Photo-Lens/Poly-CCX-505-Front-Lens.jpeg

Datasheet

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Footnotes

Messaging Footnotes

[1] Poly headsets sold separately. [2] Visit https://www.poly.com/us/en/products/phones/ccx/ccx-500 for more detail.

Technical Specifications Footnotes

[1] Wi-Fi operation requires phone to be powered by optional power adapter when not powered by PoE. [2] Most software-enabled features must be supported by the service provider platform. Please contact your IP PBX/softswitch vendor or service provider for a list of supported features. [3] External universal AC/DC adapter, 48 VDC, 0.52 A, 25 W (sold separately). [4] Additional service provider platforms are supported. [5] Optional wall mount kit can be ordered separately.

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