

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: Zoom⁴

Environmental

Certifications and compliances: Argentina ENACOM; Australia RCM; Brazil ANATEL; Canada ICES and NRTL; 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



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.