SIMPLE. INTUITIVE. POWERFUL.

BENEFITS

- Conversations stay on track. Hear every nuance with the industry-leading sound quality, featuring Poly HD Voice.
- Eliminate distracting background noise at the source with Poly Acoustic Fence and NoiseBlockAI technologies.
- Easy to install in home offices or hard to cable office locations with integrated WiFi.
- Contacts and meetings are easily accessible, one tap away on a color touchscreen.
- Easy for IT to manage with robust provisioning and management of telephony deployment and support.

POLY CCX 505

Meet the new standard in desktop touch screen phones with integrated WiFi. The Poly CCX 505 Business Media Phone has workers feeling confident they'll sound professional on every call. No word or inflection is missed, thanks to legendary audio quality, Poly HD Voice, and Poly Acoustic Clarity. And let's hear it for Poly Acoustic Fence technology. It eliminates background noise to keep calls quiet wherever it's noisy—from home offices to call centers.

By design, the phone is simple and intuitive to use—with one-touch-access to your contacts and meetings. So users can get right to work. IT will be a fan too. Robust provisioning and management capabilities take the headache out of telephony deployment and support.

- Models choices supporting Open SIP or native Microsoft Teams.
- Easy to install anywhere with integrated WiFi.
- Color touchscreen operation with 5-inch multi-touch LCD display.
- Hear every nuance with Poly HD Voice and Poly Acoustic Clarity.
- Eliminate distracting background noise with Poly Acoustic Fence technology.
- Full duplex speakerphone operation with world-class echo cancellation and Poly NoiseBlockAI technology.
- Powerful chipsets to support next-generation features.
- Headset options to suit any style (Bluetooth®, USB, RJ9).

POLY CCX 505

SPECIFICATIONS

USER INTERFACE FEATURES

- Gesture-based, multitouch-capable touchscreen
- 5-inch color LCD (720 x 1280 pixel)
- 9:16 aspect ratio
- Screensaver
- On-screen virtual keyboard
- Voicemail support
- Adjustable base height
- One USB type-A port (2.0 compliant) for media and storage applications
- One USB Type-C port (2.0 compliant) for media and storage applications
- Integrated Bluetooth 4.2
- Unicode UTF-8 character support
- Adjustable font size selection (regular, medium, large)
- Normal and dark mode
- Multilingual user interface[1] including Chinese, Danish, Dutch, English (Canada/US/UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, and Swedish

AUDIO FEATURES

- Poly HD Voice technology delivers lifelike voice quality for each audio path: handset, hands-free speakerphone, and optional headset
- 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 even while you are talking
- TIA-920 wideband audio, type 1 compliant (IEEE 1329 full duplex)
- Frequency response—100 Hz–20 kHz for handset, optional headset, and handsfree speakerphone modes
- Codecs: G.711 (A-law and μ-law), G.729AB, G.722 (HD Voice), G.722.1 iLBC, OPUS
- 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
- Packet loss concealment
- OPUS support

HEADSET AND HANDSET COMPATIBILITY

- Dedicated RJ-9 headset port
- Hearing aid compatibility to ITU-T P.370 and TIA 504A standards
- Compliant with ADA Section 508 Subpart B 1194.23 (all)
- Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids
- Compatible with commercially available TTY adapter equipment
- USB headset support
- Bluetooth headset support

NETWORK AND PROVISIONING

- SIP protocol support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port gigabit Ethernet switch
- 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)
- 10/100/1000Base-TX across LAN and PC ports
- Conforms to IEEE802.3-2005 (Clause 40) for physical media attachment
- Conforms to IEEE802.3-2002 (Clause 28) for link partner auto-negotiation
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported[1]
- QoS Support—IEEE 802.1p/Q tagging
- (VLAN), Layer 3 TOS, and DHCP
- VLAN—CDP, DHCP VLAN discovery, LLDP-MED for VLAN discovery - Network address translation support for static configuration and “keep-alive”
- SIP signaling
- RTCP and RTP support
- Event logging
- Syslog
- Hardware diagnostics
- Status and statistics reporting
- IPv4 and IPv6
- TCP
- UDP
- DNS-SRV

SECURITY

- 802.1X authentication and EAPOL media encryption via SRTP
- Transport layer security (TLS)
- Encrypted configuration files
- Digest authentication
- Password login
- Support for URL syntax with password for boot server address
- HTTPS secure provisioning
- Support for signed software executables
- Wi-Fi encryption: WEP, WPA-Personal, WPA2-Personal, WPA2-Enterprise with 802.1X (EAP-TLS, PEAP-MSCHAPv2)

POLY CCX 505

POWER

- Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 0) 13 W (Max)
- External universal AC/DC adapter (optional) 48 VDC @ 0.52 A (25 W)
- ENERGY STAR ® rated

REGULATORY APPROVALS [2]

- 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

RADIO

- USA–FCC Part 15.247 & FCC Part 15.407
- Canada–RSS 247 Issue [2]
- EU–ETSI EN 300 328 & ETSI EN 301 893
- Japan–Article 2.1 Item 19-2 and 19-3
- Australia–AS/NZ4268

SAFETY

- UL 62368-1
- CAN/CSA C22.2 No. 62368-1-14
- EN 62368-1
- IEC 60950-1 and IEC 62368-1
- AS/NZS 62368-1

EMC

- 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

OPERATING CONDITIONS

- Temperature: 0 to 40 °C (+32 to 104 °F)
- Relative humidity: 5% to 95%, noncondensing

STORAGE TEMPERATURE

- -40 to +70 °C (-40 to +160 °F)

POLY CCX 505 BUSINESS MEDIA PHONE SHIPS WITH

- Console
- Handset with handset cord
- Network (LAN) cable—CAT-5E
- Desk stand
- Setup sheet

SIZE

- 17.8 cm x 21.6 cm x 5.2 cm WxHxD (7.0 in x 8.5 in x 2.0 in WxHxD)

PART NUMBERS

- 2200-49735-025 CCX 505 Business Media Phone. Open SIP. PoE. Ships without power supply
- 2200-49735-019 CCX 505 Business Media Phone. Microsoft Teams/SFB. PoE. Ships without power supply
- 2200-49713-001 CCX 500 wall mount Kit (also fits CCX 505)

WEIGHT

- CCX 505 with handset carton weight: 1.28 kg (2.82 lbs)

MASTER CARTON QUANTITY

- Ten (10)

WARRANTY

- One (1) year

[1] Planned localization

[2] Planned compliance

[3] Wi-Fi operation requires phone be powered by optional power adapter when not powered by PoE

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LEARN MORE
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