POLY EDGE E220 IP DESK PHONE

It’s time for a desk phone that makes hybrid work easy. The Poly Edge E220 with four-line keys offers more ways to connect, plus unbelievable audio, in a seriously sharp package. Built for hot-desking and hybrid working, these phones provide simple mobile phone pairing, plus bring together Poly’s famous noise reduction technology and a cutting-edge design for the perfect user experience. Our most versatile phones to date, the Poly Edge E220 is packed with features you didn’t even know you needed, like text-to-speech and antimicrobial protection. No matter what size your business, this is the phone that upgrades your office with style, bringing your organization into the future.

- 4-line keys supporting up to 16 lines, features and contacts.
- Integrated Bluetooth® 5.0 for mobile phone or headset pairing.
- Signature Poly HD voice.
- Poly NoiseBlockAI and Poly Acoustic Fence technologies.
- Bright 2.8” color IPS LCD display.

**BENEFITS**

- Improved accessibility with text-to-speech feature, screen color adjustments for color blindness and bigger font settings.
- Stay informed with style with the color light bar status indicator.
- Let the phone compliment your office layout with a 2-position stand and wall mount hardware included.
- Your phones stay cleaner for longer with integrated Microban® antimicrobial protection.

DATA SHEET
SPECIFICATIONS

LINES / FEATURE KEYS
• 4-line keys supporting up to 16-line key assignments for lines, contacts, and features supported with pagination
• 4 context-sensitive “soft” keys
• 4-way navigation key cluster with center “Select” key
• Home and back feature keys
• Pagination key for additional lines/contacts
• Volume + / - control keys
• Hold and Transfer keys
• Headset select key
• Speakerphone select key
• Mute key (illuminated when muted)

USER INTERFACE FEATURES
• Color 2.8” IPS LCD display (320x240 pixel resolution)
• Voicemail support
• WebKit-based browser
• Two position desk stand with wall mount option included
• Unicode UTF-8 character support
• One USB Type-C ports (2.0 compliant) for media, storage applications and headset connectivity
• Lightbar status indicator (RGB with color mixing)
• Integrated Bluetooth® 5.0
• NFC Support
• Multilingual user interface including Arabic (UAE), Chinese (Traditional/ Simplified), Czech, Danish, Dutch, English (Canada/ US/UK), French (France/Canadian), German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, 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
• Poly Computer Audio Connector app installed on your PC (Windows only) enables selecting your phone for PC audio
• Frequency response—150 Hz-14 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
• 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
• Packet loss concealment

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 (USB Type-C)
• Bluetooth headset support

CALL HANDLING FEATURES
• Enhanced Feature Keys make powerful feature shortcuts online key appearances or soft keys
• Shared call/bridged line appearance
• Busy Lamp Field (BLF)
• Flexible line appearance (1 or more line keys can be assigned for each line extension)
• Distinctive incoming call treatment/call waiting
• Call timer and call waiting
• Call transfer, hold, divert (forward), park, pickup
• Called, calling, connected party information
• Local 3-way audio conferencing
• 1-touch speed dial, redial
• Remote missed call notification
• Do not disturb function
• Reverse Number Lookup via LDAP
• Calling Party Identification (RFC822 classifications—Trusted, Unknown, SPAM)
• Electronic hook switch capable
• Local configurable digit map/dial plan

DATA SHEET
OPEN APPLICATION PLATFORM
• WebKit-enabled full browser that supports HTML5, CSS, SSL security, and JavaScript
• Supports Polycom Apps SDK and API for third-party business and personal applications
• NFC-enabled Edge E series phones allow third-party applications to read serial number and other device information that can be useful in application development such as guest login for phone hoteling or Bluetooth pairing
• Corporate directory access using LDAP
• Visual Conference Management

NETWORK AND PROVISIONING
• SIP Protocol Support
• SDP
• IETF SIP (RFC 3261 and companion RFCs)
• Two-port gigabit Ethernet switch 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/FTPS/TFTP/HTTP/HTTPS server based central provisioning for mass deployments
• Provisioning and call server redundancy supported
• QoS Support—IEEE 802.1q tagging (VLAN), Layer 3 TOS, and DHCP
• VLAN—CDP, DHCP VLAN discovery, LLDP-MED for VLAN discovery
• Network Address Translation (NAT) — support for static configuration and "Keep-Alive" SIP signaling
• RTCP and RTP support
• Event logging
• Syslog

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

POWER
• Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 3) 13 W (Max)
• External Universal AC/DC Adapter (optional) 5VDC @ 3A (15W) - power supply unit (PSU) sold separately

ENERGY STAR® rated

REGULATORY APPROVALS
• Argentina ENACOM
• Australia RCM
• Brazil ANATEL
• Canada ICES
• 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

SAFETY
• UL 62368-1
• CAN/CSA C22.2 No. 62368-1-14
• EN 60950-1/62368-1
• IEC 60950-1 and IEC 62368-1
• AS/NZS 60950.1/62368.1

EMC
• FCC Part 15 Class B
• ICES-003 Class B
• EN 55032 Class B
• EN 55024
• EN 301 489-1 and EN 301 489-17
• 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 EDGE E220 COMES WITH
• Console with Microban® Antimicrobial protection
• Handset with Microban® Antimicrobial protection
• Handset cord
• Network (LAN) cable—CAT-5E
• Desk Stand
• Wall mount hardware included
• Setup Sheet
POLY EDGE E220 UNIT BOX DIMENSIONS (L X W X D) / WEIGHT
- Box dimension: 22.3 x 25.5 x 8.3 (cm);
  8.8 x 10 x 3.5 (inches)
- Box weight: 0.88kg/ 1.95lbs
  (with product, accessories, and documents)

MASTER CARTON QUANTITY
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PART NUMBERS - PHONES
- 2200-86990-025:
  POLY EDGE E220 IP PHONE

COUNTRY OF ORIGIN
- China

PART NUMBERS - ACCESSORIES
- 2200-49925-001
  EDGE E, CCX350, PSU, 5V/3A,
  NA/JP
- 2200-49926-015
  EDGE E, CCX350, PSU, 5V/3A,
  BZ/KR/CN/AR
- 2200-49926-125
  EDGE E, CCX350, PSU, 5V/3A,
  EU/ANZ/UK/IN

WARRANTY
- 1-year limited warranty

1 Most software-enabled features and capabilities must be supported by the server. Please contact your IP PBX/Softswitch vendor or service provider for a list of supported features.
2 Planned localizations
3 Planned compliances

LEARN MORE
For more information on Poly Edge E220 visit www.poly.com/edge-e100-e200

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