POLY EDGE E400 SERIES IP DESK PHONES

It's time for a desk phone with more contacts that makes hybrid work easy. The Poly Edge E400 Series brings two displays and fourteen-line keys to your desktop. These phones offer more ways to connect, plus unbelievable audio, in a seriously sharp package. Built for hot-desking or the home office, 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 E400 Series 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.

• 8-line keys on the main 3.5" color IPS LCD display.
• A second integrated 6-key display supporting 12 speed dials, contacts.
• Optional Poly Edge E expansion module supported.
• Integrated Bluetooth® 5.0 for mobile phone or headset pairing (E450).
• Text-to-speech and new accessibility options.

CUTTING-EDGE EXPERIENCE

BENEFITS

• Stay informed with style with the surround light status indicator with RGB mixing.
• Hear every nuance with signature Poly HD voice and bass frequency enhancing speaker design.
• Designed with NFC technology for advanced integrations.
• Cut out distracting background noise at the source with Poly NoiseBlockAI and Poly Acoustic Fence technologies.
• Add your choice of devices with USB port for headsets, expansion module, or charging devices.

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POLY EDGE E400
SERIES

<table>
<thead>
<tr>
<th>IDEAL FOR</th>
<th>POLY EDGE E400</th>
<th>POLY EDGE E450</th>
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<tbody>
<tr>
<td></td>
<td>Enterprise professionals working from the office who rely heavily on contact keys</td>
<td>Enterprise professionals working from the office or home office who rely heavily on contact keys</td>
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<tr>
<td>LINE KEYS</td>
<td>8 on main display, 6 on second display</td>
<td>8 on main display, 6 on second display</td>
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<tr>
<td>MAIN DISPLAY LINES, CONTACTS</td>
<td>8 displayed / 32 supported</td>
<td>8 displayed / 32 supported</td>
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<tr>
<td>SECOND DISPLAY CONTACTS</td>
<td>6 displayed / 12 supported</td>
<td>6 displayed / 12 supported</td>
</tr>
<tr>
<td>TOTAL LINES/CONTACTS</td>
<td>44 (32 + 12)</td>
<td>44 (32 + 12)</td>
</tr>
<tr>
<td>PAIRING BLUETOOTH® HEADSET AND MOBILE PHONE</td>
<td>No</td>
<td>Yes</td>
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<tr>
<td>WI-FI</td>
<td>No</td>
<td>Yes</td>
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SPECIFICATIONS

LINES / FEATURE KEYS
- 14-line keys (arranged 8+6 on two displays) supporting up to 44-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)
- Voicemail key
- One Poly Edge E Expansion module is supported for addition line keys – order separately

USER INTERFACE FEATURES
- Color 3.5" IPS LCD primary display (320x240 pixel resolution) and Color 2.4"(240x320 pixel resolution) secondary LCD display for BLF and contacts
- Voicemail support
- WebKit-based browser
- Two position desk stand (an optional wall mount kit can be ordered separately)

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 in/out to use the phones handset, optional headset and handsfree speakerphone with PC applications
- Bass frequency enhancing design
- 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 (Edge E450 model only)

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 (RFC8225 classifications—Trusted, Unknown, SPAM)
• Local configurable digit map/dial plan

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 supported¹
• 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 (NAT) — support for static configuration and "Keep-Alive" SIP signaling
• RTCP and RTP support
• Event logging
• Syslog
• Hardware diagnostics
• Status and statistics reporting
• IPv4, IPv6, dual stack (IPv4/IPv6) mode
• TCP
• UDP
• DNS-SRV
• Wi-Fi network connectivity (EDGE E450)³
  - 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)

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-MSCAPv2)

POWER
• Built-in auto sensing IEEE 802.3af Power over Ethernet (Class 4) 13 W (Max)
• External Universal AC/DC Adapter 5VDC @ 3A (15W) - power supply unit (PSU) sold separately
• ENERGY STAR® rated

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

REGULATORY APPROVALS (POLY EDGE E400)
• FCC Part 15 (CFR 47) Class B
• ICES-003 Class B
• EN55032 Class B
• CISPR32 Class B
• VCCI Class B
• EN55024
• EN61000-3-2; EN61000-3-3
• UK - UKCA
• NZ Telepermit
• UAE TRA
• Eurasian Customs Union EAC
• Brazil ANATEL
• Australia RCM
• South Africa ICASA
REGULATORY APPROVALS (POLY EDGE E450)³
- 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
- Saudi Arabia CITC
- Singapore IMDA
- South Africa ICASA
- South Korea KC
- Taiwan NCC
- UAE TRA
- UK - UKCA
- USA FCC

EMC (POLY EDGE E450)
- 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 EDGE E400 AND EDGE E450 PHONES COME WITH
- Console with Microban® Antimicrobial protection
- Handset with Microban® Antimicrobial protection
- Handset cord
- Network (LAN) cable—CAT-5E
- Desk Stand
- Setup Sheet

POLY EDGE E400 AND EDGE E450 UNIT BOX DIMENSIONS (L X W X D) / WEIGHT
- Box dimension: 25.8 x 30.6 x 8.8 (cm); 10.2 x 12 x 3.5 (inches)
- Box weight: 1.11kg/2.45lbs (with product, accessories, and documents)

MASTER CARTON QUANTITY
- 10

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
4 Ordering an optional power supply unit will be necessary if not powered over Ethernet with PoE (i.e. Using Wi-Fi for network)

PART NUMBERS - PHONES
- 2200-87835-025
  POLY EDGE E400 IP PHONE
- 2200-87030-025
  POLY EDGE E450 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

For more information on Poly Edge E400 Series visit www.poly.com/edge-e400

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