RingCentral

Poly Edge E100 IP

Desk Phone

It's time for a desk phone that makes hybrid work easy. The Poly Edge E100 with two-line keys offers more ways to connect, plus unbelievable audio, in a seriously sharp package. These phones bring together Poly's famous noise reduction technology and a cutting-edge design for the perfect user experience. The Poly Edge E100 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.

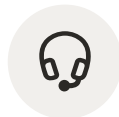2-line keys supporting up to 8-lines, features and contacts.

Signature Poly HD voice.

Poly NoiseBlockAI and Poly Acoustic Fence technologies.

Bright 2.8" color IPS LCD display.

Text-to-speech and new accessibility options.

Benefits

- Improved accessibility with text-to-speech feature, screen color adjustments for color blindness, and bigger font settings.

- Your phones stay cleaner for longer with integrated Microban® antimicrobial protection.

- Stay informed with style with the light bar status indicator.

- Let the phone compliment your office layout with a 2-position stand and wall mount hardware included.

Specifications

Lines / Feature Keys

- 2-line keys supporting up to 8-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 support1

- 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)

- NFC Support

- Multilingual user interface including2 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 in/out to use the phones handset, optional headset, and handsfree speakerphone with PC applications

- 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)

Call Handling Features[1]

- 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 (one or moreline 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)

- Electronic hook switch capable

- 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 thirdparty applications to read serial number and other device information that can be useful in application development such as guest login for phone hoteling1

- 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

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 (2.5W)
- ENERGY STAR® rated

Regulatory Approvals[3]

- 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
- Saudi Arabia CITC
- Indonesia SDPPI

- S.Korea KC
- Mexico NOM ANCE
- RoHS Compliant
- CE Mark
- TAA
- SAFETY
- UL62368-1
- CAN/CSA C22.2 No 62368-1-14
- EN 60950-1/62368-1
- IEC 60950-1/62368-1
- AS/NZS 60950.1/62368.1

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 E100 Phone Comes With

- Console with Microban® Antimicrobial protection
- Handset with Microban® Antimicrobial protection
- Handset cord with Microban® Antimicrobial protection
- Network (LAN) cable—CAT-5E
- Desk Stand
- Wall mount hardware included
- Setup Sheet

Poly Edge E100 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

- 10

Part Numbers - Phones

- 2200-86980-025 POLY EDGE E100 IP PHONE

Country of Origin

- China

Warranty

- 1-year limited warranty

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, please contact a sales representative. Visit ringcentral.com or call 855-774-2510.

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