Polycom® Trio™ 8500
SIP-Based IP Conference Phone

Next-generation IP conference phone designed for small and midsized rooms.

The Polycom Trio 8500 is an advanced IP conference phone designed for small to medium-sized rooms.

The Polycom Trio 8500 is HD voice-enabled,* a technology that delivers high-quality audio that ensures clear conversations. Ordinary conference calls are transformed into interactive conversations that sound as natural as face-to-face conversations.

With a 14ft/4.3m pickup range and advanced audio technology such as enhanced Polycom HD Voice™ and the patented Polycom Noiseblock™, conversation flows naturally and you hear every word clearly. Trio is sleek with a five-inch color touch screen, and intuitive navigation makes it simple to use.

Trio can also be used as a speakerphone and provides wired and wireless pairing with your personal devices using Bluetooth or USB.

Trio allows you to easily add the Trio Visual+ accessory and a USB compression camera to enjoy powerful HD content sharing and real-time video for complete visual collaboration. Visual+ support is not currently available for RingCentral Meetings™.

Features and specifications

Power

- Power LAN IN: Built-in auto-sensing IEEE 802.3at. PoE Device (Class 4) (requires full Class 4 power input on LAN IN for operation). Backward compatibility with IEEE 802.3af.
- LAN OUT: Built-in auto-sensing IEEE 802.3af power sourcing equipment (requires full Class 4 power input on LAN IN for operation).

Display and keypad

- Gesture-based, multitouch-capable capacitive touch screen
- Five-inch color LCD (720 x 1280 pixel), 9:16 aspect ratio
- Screensaver and digital picture frame mode
Audio features

• Loudspeaker
  Frequency: 180-14,000 Hz
  Volume: 90dB at 0.5m peak volume
• 14ft/4.3m microphone pickup range
• Polycom Acoustic Clarity™ technology provides full-duplex conversations
• Polycom NoiseBlock
• 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
• Bluetooth device pairing for wideband speech and multimedia streaming

Other features

• On-screen virtual keyboard
• 1 USB 2.0 Type A-compliant port USB battery charging BC1.2 compliant (requires full Class 4 power input on LAN IN for operation)
• Integrated Bluetooth 4.0 and NFC
• 3 illuminated mute buttons
• Unicode UTF-8 character support user interface localized in Arabic, Chinese, Danish, Dutch, English (Canada/US/UK), French, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, and Swedish

Network and provisioning

• Two-port gigabit Ethernet switch
  10/100/1000 Base-TX across LAN
• Manual or dynamic host configuration protocol (DHCP) network setup
• Time and date synchronization using SNTP
• HTTPS server-based central provisioning
• VLAN-CDP, DHCP VLAN discovery
• LLDP-MED for VLAN discovery
• QoS Support - IEEE 802.1p/Q tagging (VLAN), layer 3 TOS, and DSCP
• Network address translation (NAT) support - static
• RTCP support (RFC 1889)
• Status and statistics
• Convenient volume adjustment keys
• Local five-way audio conferencing

Safety

• UL 60950-1
• CE Mark
• CAN/CSA-C22.2, No. 60950-1-03
• EN 60950-1
• IEC 60950-1
• AS/NZS 60950-1

Approvals

• Japan MIC/VCCI Class B
• FCC Part 15 (CFR 47) Class B
• ICES-003 Class B
• EN55022 Class B
• CISPR22 Class B
• VCCI Class B
• EN55024
• EN61000-3-2; EN61000-3-3
• NZ Telepermit
• Australia A&C Tick
• ROHS compliant
• 19471-0715

Protocol support
• IETF SIP (RFC 3261 and companion RFCs)
• 802.1X authentication and EAPOL
• Media encryption via SRTP
• Transport layer security (TLS)
• Encrypted configuration files
• Digest authentication

Included
• Phone console
• 7.6m/25-foot network cable CAT 5e
• 2m/6.5-foot USB 2.0 cable
• Cable wrap
• Tactile overlay for improved accessibility
• Universal power supply

Environmental conditions
• Operating temperature: 0 to 40 degrees C (+32 to 104 degrees F)
• Relative humidity: 5% to 95% (noncondensing)
• Storage temperature: -20 to +70 degrees C (-4 to +160 degrees F)

Warranty
• One year

Country of origin
• Laos

Phone dimensions
• 38.3 x 7.5 x 33.2 cm (15.1 x 2.9x 13.1 in)

Phone console weight
• Unit weight 985g

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