DATA SHEET

Polycom Trio™ 8500

The new standard in conference collaboration for Skype for Business environments

Polycom Trio™ 8500 takes the ordinary conference call experience to the next level. Getting conference calls started shouldn't be hard, frustrating or time-consuming. The sleek and sophisticated design of the Polycom Trio 8500 makes navigation simpler than ever to use. Easily start calls on time, every time with the same interface you already use on your Skype for Business desktop client. And with Polycom's legendary voice quality, you can be sure every syllable is crystal clear with Polycom® HD Voice™ technology.

Legendary Voice Quality

Polycom Trio 8500 is equipped with the industry's most advanced sound quality including HD Voice and Polycom® Acoustic Clarity™ technologies which combines industry-leading full duplex, echo cancellation, and noise reduction with advanced voice processing. With 14ft/4.3m of pick up, it is ideal for the midsize conference room.

To ensure you experience an uninterrupted flow of ideas, Polycom's patented NoiseBlock technology will automatically detect non-speech noise and mute the microphones for you. They will automatically unmute when speech is detected, allowing your conference to keep moving seamlessly.

Future-proof for video and content sharing

Polycom Trio 8500's incredible adaptability allows you to use it as a conference phone or simply add the Polycom Trio Visual+ and qualified USB camera, and suddenly you have a cost-effective business-class video conferencing and content sharing solution ideal for huddle rooms.

You can also use your personal devices—wired or wirelessly—via USB or Bluetooth for full, rich sound when using cloud conferencing or VaaS solutions.

Skype for Business/Office 365 certified

Working together with Microsoft, we have designed the Polycom Trio 8500 to maximize the power of Skype for Business and Office 365. Only Polycom Trio conference phones can claim the Skype for Business certified distinction. Extend the simplicity of Skype for Business from the desktop to the conference room—making it a consistent experience and ensuring broad user adoption.

Benefits

- Most productive calls with the world's clearest and richest audio experience—ideal for the midsize conference room

- Encourage user engagement with a simple-to-use interface and one-touch-join calendar integration

- Future-proof solution with option to add video conferencing and content sharing

- Maximize investment—hybrid registration allows for endpoint registration on multiple platforms

- Easily provision and manage using Polycom® RealPresence® Resource Manager software*

- Configuration templates make customizing the interface easy, accommodating your organization's usability and security needs

  *Sold separately

Technical specifications

User interface features

- Gesture-based, multitouch-capable capacitive touch screen
- 5-inch color LCD (720 x 1280 pixel), 9:16 aspect ratio
- On-screen virtual keyboard
- 1x USB 2.0 Type A-compliant host port USB battery charging BC1.2 compliant[1]
- 1x USB 2.0 Micro-B device port
- Integrated Bluetooth 4.0
- 3 illuminated mute buttons
- Unicode UTF-8-character support
- User interface localized in Arabic, Chinese, Danish, Dutch, English (Canada/US/UK), French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish and Swedish

Audio features

- 3 cardioid microphones
- Loudspeaker
  - Frequency 180-14,000 Hz
  - Volume: 90 dB at 0.5m peak volume
- 14ft/4.3m microphone pickup range
- Supported codecs:
  - G.711 (A-law and μ-law)
  - G.722
  - Polycom® Siren™ 7
- Polycom® HD Voice™
- Polycom Acoustic Clarity technology provides full-duplex conversations, acoustic echo cancellation and background noise suppression—Type 1 compliant (IEEE 1329 full duplex)
- 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 (HFP/AD2P)

- Call handling features
- Up to 3 lines (max. 1 Skype for Business)
- Shared call/bridged line appearance
- Distinctive incoming call treatment/call waiting
- Call timer and call waiting
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected-party information
- Local five-way audio conferencing
- One-touch speed dial
- Do-not-disturb function
- Local configurable digit map/dial plan
- Corporate directory access using LDAP
- Visual conference management

Network and provisioning

- Open SIP and Microsoft Lync 2013/Skype for Business/Office365 Cloud PBX
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Single-port gigabit Ethernet 10/100/1000Base-TX across LAN
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning
- Polycom Zero Touch Provisioning
- Provisioning and call server redundancy supported
- QoS Support
  - IEEE 802.1p/Q tagging (VLAN), layer 3 TOS, and DSCP
- VLAN-CDP, DHCP VLAN discovery
- LLDP-MED for VLAN discovery

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

- LAN IN: Built-in auto-sensing IEEE 802.3at. PoE Device (Class 4)[1]. Backward compatibility with IEEE 802.3af
- Optional Power kit includes extended single-port gigabit midspan, 802.3at Type 2 compliant, local power cord and network cable (2200-66740-xxx)

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 RCM
- ROHS compliant
- Energy Star® compliant

Radio

- US
  - FCC Part 15.247
- Canada
  - RSS 247 Issue 1
- EU
  - ETSI EN 300 328 v1.9.1
  - ETSI EN 301 489-3
- Japan
  - Japan Item (19)
- Australia
  - AS/NZ4268

Safety

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

Environmental conditions

- Operating temperature: 0° to 40°C (+32° to 104°F)
- Relative humidity: 5% to 95% (non-condensing)
- Storage temperature: -20° to +70°C (-4° to +160°F)

Polycom Trio 8500 for Skype for Business/O365 (2200-66700-019) ships with:

- Phone console
- 25ft/7.6m network cable CAT 5e

- Cable wrap
- Tactile overlay for improved accessibility
- Setup sheet

Accessories (optional)

- Polycom Trio 8500 Expansion Microphones (2200-65790-001)
- USB 2.0 Cable, 4ft/1.2m (2200-49307-002)

Polycom Trio 8500 Collaboration kit (7200-66779-019) ships with:

- Phone console
- Polycom Trio Visual+
- Logitech C930e USB camera
- Required cables
- Setup sheet

Warranty

- 1 year

Country of origin

- Laos

Phone dimensions (L x W x H)

- 35.6cm x 30.9cm x 7cm

Phone weight

- 985 grams

Box dimensions (L x W x H)

- 41cm x 36cm x 9cm

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1. Requires full Class 4 power input on LAN IN for operation

Please note: Polycom Trio 8500 is also known as Polycom RealPresence Trio 8500.

Learn more

To learn more about Polycom Trio, visit *www.polycom.com/trio*.

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