



## DATA SHEET

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# Polycom Trio™ 8500

The new standard in conference collaboration for small and mid-sized rooms for open SIP environments

Polycom Trio™ 8500 takes the ordinary conference call experience to the next level. Getting conference calls started shouldn't be hard, frustrating and time-consuming. Now, with Polycom Trio 8500's modern intuitive interface they won't be anymore. Easily start calls on time, every time. 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 combine 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, so business can keep moving seamlessly.

### Modern intuitive interface

The Polycom Trio 8500 has a sleek and sophisticated design. A 5-inch color touch screen and intuitive navigation make it simpler than ever to use, resulting in fewer mistakes, fast starts for every meeting and minimal training requirements. With the addition of convenient, illuminated mute buttons on each leg, everyone in the room can manage the meeting.

Use your personal devices—wired or wirelessly—via USB or Bluetooth for full, rich sound when through cloud conferencing services or to place calls using your personal contacts list.

### Broadest interoperability

In an industry where many solutions are built on proprietary standards, Polycom embraces open standards, ensuring that no matter your platform your calling experience will be seamless. With broad interoperability and a deep feature set, Polycom Trio 8500 gives you the options you want today and the investment protection you need for the future.



### 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
- Connect mobile devices via Bluetooth or USB
- 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<sup>1</sup>
- 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  $\mu$ -law)
  - G.729AB
  - iLBC (13.33Kbps and 15.2Kbps)
  - Opus (8Kbps – 24Kbps)
  - G.722
  - G.722.1, G.722.1C
  - Polycom<sup>®</sup> Siren™ 7, 14
- Polycom<sup>®</sup> HD Voice™
- Polycom<sup>®</sup> Acoustic Clarity™ technology provides full-duplex conversations, acoustic echo cancellation and background noise suppression— Type 1 compliant (IEEE 1329 full duplex)
- Polycom<sup>®</sup> 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
  - WMM (Wi-Fi multimedia)
- 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)<sup>1</sup>. Backward compatibility with IEEE 802.3af.

### 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

### 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 open SIP (2200-66700-025) 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)

#### 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

#### Learn more

[www.polycom.com/trio](http://www.polycom.com/trio)

## About Polycom

Polycom helps organizations unleash the power of human collaboration. More than 400,000 companies and institutions worldwide defy distance with video, voice and content solutions from Polycom. Polycom and its global partner ecosystem provide flexible collaboration solutions for any environment that deliver the best user experience and unmatched investment protection.

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