

DATA SHEET

# Polycom Trio 8800

## Smart conferencing for all your meeting rooms.

Polycom Trio is the smartphone for your modern conference rooms. Marrying our legendary voice quality, with powerful video and content performance, Polycom Trio can easily transform conference rooms of all sizes into collaborative, hassle-free team environments.

### Legendary Voice Quality

Polycom Trio is a revolutionary conference phone offering stunning room-filling sound for the best conference experience—ever. With a 20-foot 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. What does this mean to you? It means increased productivity. A cheap conference phone may appear to be a savings at first—but the fatigue caused by audio that seems “good enough” is costly in the long run. Straining to hear the other side, echo, distracting background noise all result in wasted time, and there is quite a bit of truth in the old adage “time is money.”

The sleek and sophisticated, award-winning design of Polycom Trio makes conferencing simple. A 5-inch color touch display and intuitive, interface means minimal training required. And with Microsoft Exchange integration, scheduled meetings can get started with one touch of the join button resulting in fewer mistakes and quick starts for every meeting.

Feel free to use your personal device wirelessly via Bluetooth/NFC, IP or wired via USB and experience exceptional sound quality when using web-based or cloud conferencing services.

### Scalable for every environment

It's your call. With Polycom Trio, you are free to deploy on all leading unified communication platforms from open SIP to Skype for Business\*\* to cloud video solutions like BlueJeans, WebEx and Zoom—or enjoy multiple platforms simultaneously with the hybrid registration feature of Polycom Trio. It's easy to deploy and manage, as one common provisioning and management approach for all rooms requires less time to learn and oversee.

### Powerful video performance

Combine the legendary audio of Polycom Trio 8800 with the Polycom Trio Visual+ or Polycom Trio VisualPro and one of the feature-rich Polycom EagleEye cameras to create a video and content sharing solution that is right-sized for your specific environment. Bringing users together face-to-face increases camaraderie as well as fosters more meaningful conversation.

### Versatile content sharing

Decision making today is more data-driven than ever before. Increase productivity with the versatile content sharing capabilities of Polycom Trio. The ability to share wired or wirelessly from your personal device gives you the power to choose the method that is most comfortable for your work style.



### Benefits

- Legendary voice quality for the clearest and richest audio experience in a conference phone
- Accelerate user adoption by pairing your own portable devices (BYOD) via USB, Bluetooth/NFC or IP.
- Intuitive icon-based interface is familiar, minimizes mistakes, and speeds connection with “one touch join”
- Conveniently manage and provision using Polycom RealPresence Resource Manager
- Hybrid registration support for connecting up to three platforms simultaneously
- Easily adapts to content and business-grade video conferencing solution\*

\* Requires Polycom Trio Visual+ or Polycom Trio VisualPro accessory

\*\*Certified Skype for Business conference phone. Video and content sharing available with Polycom RealConnect Service.

## Product 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
- 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)
- 1x USB 2.0 Micro-B device port for use as USB audio device
- Integrated Bluetooth 4.0 and NFC
- 3 multicolored capacitive-touch mute indicators
- 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: 100-22,000 Hz
  - Volume: 92 dB at 0.5-m peak volume
- 6-m/20-foot microphone pickup range
- Supported codecs:
  - G.711 (A-law and  $\mu$ -law)
  - G.719
  - G.722, G722.1, G722.1C
  - G.729AB
  - Polycom Siren 7, Siren 14
  - iLBC (3.33Kbps and 15.2Kbps)
  - Opus (8Kbps - 24Kbps)
  - SILK
  - 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)
- Bluetooth device pairing for wideband speech and multimedia streaming (HFP/AD2P)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment

### Call handling features

- Up to 3 lines (max. one 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
- One-touch speed dial and meeting join
- Local 5-way audio conferencing
- Do-not-disturb function
- Local configurable digit map/dial plan
- Corporate directory access using LDAP
- Visual conference management

### Network and provisioning

- Open SIP and Skype for Business
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port gigabit Ethernet switch
  - 10/100/1000Base-TX across LAN and 2nd port
  - 2nd port supports IEEE 802.3af PSE
- Wi-Fi network connectivity
  - 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)
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning
- RealPresence Resource Manager (v. 10.1 or above) based provisioning
- Polycom Zero Touch Provisioning
- Provisioning and call server redundancy support
- 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) v 1.2
- 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-MSCHAPv2)

### 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)

### Approvals

- Japan MIC/VCCI Class B
- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- CISPR22 Class B
- VCCI Class B
- EN 301 489-1, EN 301 489-3, EN 301 489-17
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- Australia A&C Tick
- ROHS compliant
- 19471-0715

### Radio

- US
  - FCC Part 15.247
  - FCC Part 15.407
  - FCC Part 15.225
- Canada
  - RSS 247 Issue 1
- EU
  - ETSI EN 300 328 v1.9.1
  - ETSI EN 301 893 v1.7.1
  - ETSI EN 300 330
- Japan
  - Japan Item (19)
  - Japan Item (19)-3
  - Japan Item (19)-3-2
- Australia
  - AS/NZ4268

### Safety

- UL 60950-1
- UL 62368-1
- CE Mark
- CAN/CSA-C22.2 No. 60950-1-03
- CAN/CSA C22.2 No. 62368-1-14
- EN 60950-1

- EN 62368-1
- IEC 60950-1
- IEC 62368-1
- AS/NZS 60950-1
- AS/NZS 62368-1-17

#### 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 8800 ships with:

- Either Phone Console (open SIP):  
2200-66070-001  
or Phone Console (Skype for Business):  
2200-66070-019
- 7.6-m/25-foot network cable CAT 5e
- 2-m/6.5-foot USB 2.0 cable

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

#### Accessories (optional)

- Polycom Trio Expansion Microphones  
(2200-65790-001)
- Power kit incl. ext. single-port gigabit  
mid-span, 802.3at Type 2 compliant, local  
power cord and network cable  
(7200-23490-xxx)

#### Warranty

- 1 year

#### Country of Origin

- Mexico
- Thailand

#### Phone dimensions (L x W x H)

- 38.3 x 7.5 x 33.2 cm (15.1 x 2.9 x 13.1 in)
- Unit weight: 0.95 Kg (2.1 lbs)

#### Box dimensions (L x W x H)

- 48.3 x 11.5 x 39.4 cm (19 x 4.5 x 15.5 in)
- Box weight: 1.97 Kg (4.35 lbs)

Polycom Trio 8800 is also known as Polycom  
RealPresence Trio 8800.

#### Learn more

For more information about Polycom Trio  
Video Collaboration Kits, visit  
[www.polycom.com/trio](http://www.polycom.com/trio)