



## DATA SHEET

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# Polycom Trio™ 8800

## The conference phone reimagined for Skype for Business and Microsoft Office 365 Cloud PBX

Polycom Trio™ 8800 is the conference phone reimagined for larger conference rooms. Marrying our legendary voice quality, and the additional capabilities of business-class video and content, the Polycom Trio has the broadest interoperability in its class and connects to the leading unified communications platforms of today and tomorrow.

### Legendary voice quality

Polycom Trio is a revolutionary conference phone offering the industry's most advanced sound quality.

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.

Polycom Trio is sleek and sophisticated. A 5-inch color touch screen and intuitive navigation make it simpler than ever—resulting in fewer mistakes, quick starts for every meeting and minimal training requirements.

Feel free to use your personal devices wired or wirelessly via USB or Bluetooth/NFC or IP to enjoy full, rich sound when using cloud conferencing services or to place calls using your personal contacts list.

### Easily add content sharing and video conferencing\*

The way people work is changing. With the growing trend of open workspaces and the rising costs of real estate, fewer individual offices exist. To give people a private place to work, a growing number of small conference rooms or huddle rooms has emerged, but they are not often outfitted with the business tools needed to drive the productivity you want.

Polycom Trio award-winning design, the first of its kind, allows you to easily add the Polycom Trio™ Visual+ accessory and a USB compression camera to transform the world's best conference phone into a powerful collaboration solution complete with content sharing and business-class video conferencing.

\*Requires Polycom Trio Visual+ accessory



### Benefits

- World's clearest and richest audio experience in a conference phone
- Easily share content and business-grade video conferencing\*
- Accelerate user adoption by pairing your own portable devices (BYOD) via USB, Bluetooth/NFC or IP.
- Simple touch interface minimizes mistakes and speeds connection with "one touch join"
- Conveniently manage and provision using Polycom® RealPresence® Resource Manager
- Ease migration complexity with support for multiple platforms simultaneously. Register up to 3 separate lines



## Skype for Business/Office 365 certified

The Polycom Trio family are the only certified Skype for Business conference phones on the market. Working together with Microsoft, we have designed the Polycom Trio 8800 to maximize the power of Skype for Business and Office 365 Cloud PBX powered by Skype for Business online. Extend the simplicity of Skype for Business from the desktop to the conference room—making it a consistent experience and ensuring broad user adoption

## Deployment and M

Polycom Trio is the first, for Microsoft Skype for Cloud PBX powered by Skype for Business online.

Deploying, provisioning and managing Polycom Trio is effortless. The extensive capabilities of RealPresence Resource Manager enables administrators to quickly customize settings and tailor the user interface to meet specific deployment needs.

## 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)
- 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 0.5m peak volume
- 6m/20-foot microphone pickup range
- Supported codecs:
  - G.711 (A-law and  $\mu$ -law)
  - G.722
- Polycom® Siren™ 7 (16kbps)
- 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. 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
- 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/Microsoft Office 365/Lync 2013
- SDP
- 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)
  - 5.15 - 5.825 GHz (802.11a may vary by country)
  - 2.4 and 5 GHz (802.11n)
- 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)
- 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
- 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
- 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



**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
  - ETSI EN 301 489-3
  - ETSI EN 301 489-17
- Japan
  - Japan Item (19)
  - Japan Item (19)-3
  - Japan Item (19)-3-2
- 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 8800 ships with:**

- Phone console
  - Skype for Business/Microsoft Office 365 Cloud PBX 2200-66070-019
- 7.6m/25-foot network cable CAT 5e
- 2m/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 midspan, 802.3at Type 2 compliant, local power cord and network cable (2200-66740-xxx)
- Polycom Trio Visual+ for enabling content presentation and video (2200-13339-xxx)

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**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: 0.95Kg (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)

Please note: Polycom Trio 8800 is also known as Polycom RealPresence Trio 8800.

**Learn More**

To learn more about the Polycom Trio, visit [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.

Polycom, Inc.  
1.800.POLYCOM  
[www.polycom.com](http://www.polycom.com)

Polycom Asia Pacific Pte Ltd  
+65 6389 9200  
[www.polycom.com.sg](http://www.polycom.com.sg)

Polycom EMEA  
+44 (0)1753 723282  
[www.polycom.co.uk](http://www.polycom.co.uk)

