

## DATA SHEET

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# Polycom® RealPresence Trio™ 8800

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

Polycom® RealPresence Trio™ is the conference phone reimagined. Marrying our legendary voice quality with the additional capabilities of personal content sharing and business-class videoconferencing, RealPresence Trio can be flexibly deployed anywhere, from huddle rooms to boardrooms.

### Legendary voice quality

Polycom RealPresence 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.

RealPresence 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.

RealPresence Trio can also be used as a speakerphone and provides wired and wireless pairing with your personal devices using Bluetooth or USB. It even includes convenient, illuminated mute buttons on each leg so everyone in the room can manage the meeting. RealPresence Trio is the ideal solution for any meeting space that needs the best audio experience.

### 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.

RealPresence Trio award-winning design, the first of its kind, allows you to easily add the RealPresence Trio™ Visual+ accessory and a USB compression camera to enjoy powerful HD content sharing and real-time video for complete visual collaboration. The flexibility and performance of RealPresence Trio make it the perfect choice for team collaboration environments and it is priced right for mass deployment.

Requires RealPresence Trio Visual+ accessory\*



### Benefits

- World's clearest and richest audio experience in a conference phone
- Easily share content and business-grade video conferencing\*
- Faster adoption and user preference with wired or wireless pairing of your portable devices (BYOD)
- Simple touch interface minimizes mistakes and speeds connection with "one touch join"
- Conveniently manage and provision using Polycom® RealPresence® Resource Manager
- Affordably priced for mass adoption across every meeting space

## Deployment and Manageability in Skype for Business environments

RealPresence Trio is the first, and only, conference phone certified for Microsoft Skype for Business and Microsoft Office 365 Cloud PBX powered by Skype for Business online. With Power-over-Ethernet (PoE) and zero-touch deployment, it connects as easily as a phone and can be managed and

provisioned using Polycom RealPresence Resource Manager (version 10.1 or above).

Polycom offers more Skype for Business qualified phones than any other vendor. Providing your users, a consistent, reliable experience, ensures they will love and use RealPresence Trio and you will easily show a return on your investment.

### 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.719
  - G.729AB
  - iLBC (13.33Kbps and 15.2Kbps)
  - Opus (8Kbps – 24Kbps)
  - G.722, G.722.1
  - G.722.1C
  - Polycom® Siren™ 14
- 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
- 1 line (registration)
- 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 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)

#### RealPresence Trio 8800 ships with:

- 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
- Setup sheet

#### Accessories (optional)

- RealPresence 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 (7200-23490-xxx)
- RealPresence Trio Visual+ for enabling content presentation and video (2200-13339-xxx)

#### Warranty

- 1 year

#### Country of origin

- 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: 0.95Kg (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)

#### Part numbers

- 2200-66070-018 Trio 8800, PoE
- 2200-66070-018 Trio 8800, PoE Skype for Business/Microsoft Office 365 Cloud PBX