DATA SHEET

Polycom® RealPresence Trio™ 8800

The first smart hub for group collaboration

The Polycom® RealPresence Trio™ 8800 is the first smart hub for group collaboration that transforms the iconic three-point conference phone into a voice, video and content sharing system that can fit into any team environment, large or small.

No-compromise collaboration

The world's best conference phone just became something so much more. Polycom RealPresence Trio not only provides the industry's most amazing sound quality so that you hear every word clearly, but it's also the new smart hub for your group collaboration. RealPresence Trio lets you easily add HD content sharing and live video interaction into spaces where it wasn't available before. Hear every perspective, share your ideas and concepts with vivid imagery, and see their reactions immediately in real-time video from the one and only Polycom RealPresence Trio.

Familiar experience—only better

Everyone loves the simplicity of Polycom's iconic three-point phones. RealPresence Trio takes this to the next level. The design of RealPresence Trio is sleek and sophisticated. Its 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 provides wired and wireless pairing with your personal devices using Bluetooth or USB and even includes convenient, illuminated mute buttons on each leg so everyone in the room can manage the meeting experience.

Spans across any team environment

RealPresence Trio flexibility makes it the ideal solution for the many dynamic needs of your organization. With a 20-foot pickup range and advanced audio technology such as enhanced Polycom® HD Voice™ and the patented Polycom® NoiseBlock™, RealPresence Trio is the ideal solution for any meeting space that needs the best audio experience. The design, the first of its kind, allows you to easily add the RealPresence Trio™ Visual+ and a USB compression camera to enjoy powerful HD content sharing and real-time video for complete, visual collaboration. RealPresence Trio flexibility and performance make it the perfect choice for team collaboration environments from the boardroom to the huddle room—and it is priced right for mass deployment.

Empowers administrators

Polycom RealPresence Trio is quick to deploy and easy to manage. With Power-over-Ethernet (PoE) and zero-touch deployment, it connects as easily as a phone and integrates directly with your call control platform. Native integration with Microsoft® Lync® 2013, Skype for Business and support for all major SIP platforms ensure future-proof deployment, while its design and underlying software platform provide investment protection and even greater potential for future application expansion.

Benefits

- World's clearest and richest audio experience powered by new, patented technology
- Complete visual collaboration with HD content sharing and real-time video interaction
- 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"
- Improved administration and investment protection via support for Power-over-Ethernet, Zero-Touch Deployment and connection to leading call platforms
- Affordably priced for mass adoption across every meeting space

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
- 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 and NFC
- 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: 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 µ-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 Microsoft Lync 2013/Skype for Business SIP
- 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
- 802.11 a/b/g/n (Wi-Fi) network connectivity
- 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
- 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)[1]. Backward compatibility with IEEE 802.3af.
- LAN OUT: Built-in auto-sensing IEEE 802.3af power sourcing equipment[1]

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

- 2200-66070-001 Trio 8800, PoE
- 2200-66070-018 Trio 8800, PoE Skype for Business/Microsoft Lync edition

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

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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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