



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 client 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



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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 compliant¹
- - 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 client
- 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 equipment¹

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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Polycom® RealPresence Trio™ Visual+ Accessory

Share ideas and collaborate visually

Expand your RealPresence Trio to add visual collaboration with the Polycom® RealPresence Trio™ Visual+ accessory. The Visual+ accessory is an optional device that allows you to easily transform RealPresence Trio audio calls into multimedia collaboration experiences.

Share your ideas and concepts

Polycom RealPresence Trio is an ideal communication solution for every meeting space that needs a best-in-class audio experience. But what if you want to share your ideas and concepts visually?

With the RealPresence Trio Visual+, you can easily share presentations, spreadsheets, photos and even multimedia videos with everyone in the room, with remote participants, or both simultaneously; all while using the tools you are already familiar with: your own PC, tablet or smartphone. Connect with ease, using Polycom, Microsoft, BroadSoft or Cisco platforms, and share your most powerful visuals, today.

See and experience their reactions

Ever wonder if your ideas are making the impact you desire? The RealPresence Trio Visual+ also supports high definition 1080p video from a simple USB camera. See your audience and experience their emotions right as they happen. Visual+ provides complete visual collaboration on a budget that is perfect for huddle rooms and small-to midsize spaces.

Empowers administrators

RealPresence Trio Visual+ is quick to deploy with simple plug-and-play connections: HDMI for your display, USB for camera and Power-over-Ethernet (PoE) for electricity. That's it! With its small footprint, it can easily be mounted out of view, and with native support for Microsoft® Lync® 2013, Skype for Business client and all major SIP platforms, it provides future-proof deployment.

The Polycom RealPresence Trio with Visual+ is the perfect group collaboration solution for teams of any size, and they are priced right for mass deployment across your entire organization.



Benefits

- Expand the world's clearest and richest audio experience by adding visual collaboration
- Improve team collaboration by easily sharing ideas, concepts and reactions
- Easy plug-and-play for immediate deployment
- Affordably priced for mass adoption across every meeting space

Product specifications

The RealPresence Trio Visual+ accessory is designed to expand the RealPresence Trio smart hub with content sharing and videoconferencing capabilities. It is not designed to operate as a stand-alone system.

Power

- IEEE 802.3af Power over Ethernet (built-in)

Connectivity

- Ethernet 10/100/1000 Base-T
- 3.5mm stereo line level output
- 2 USB 2.0 host ports, Type-A
- 1x HDMI 1.4

Network and provisioning

- IPv4 support
- Open standards based audio networking over Ethernet
- Secure provisioning and software upgrades via RealPresence Trio 8800

Video standards and protocols

- H.264 AVC, H.264 high profile
- Microsoft Lync 2013 SVC video support and RDP for Application and Desktop content (receive only)

Video input

- 1x USB 2.0 for UVC 1.5-compliant compression webcam (recommended: Logitech® webcam C930e)
- Up to 1080p 30 fps

Video output (HDMI)

- Up to 1080p, 30fps, 24bbp
- Basic Consumer Electronics Controls (CEC) for HDMI monitor controls

Video resolution

- Up to 1080p, 30 fps from 1024 Kbps

Content resolution

- Content receive with up to 1080p, 30fps

Content Sharing (input)

- Polycom® RealPresence® Mobile for Tablets
- Polycom® RealPresence® Desktop

Security

- Encrypted connectivity with RealPresence Trio 8800
- Media encryption via SRTP
- Transport Layer Security (TLS)

Included accessories

- Ethernet cable, 15 ft (4.5m)
- Mounting plate (VESA compliant)
- HDMI cable, 6ft (1.8m)

Accessories (optional)

- Power kit incl. ext. single-port gigabit midspan, 802.3at Type 2 compliant, local power cord and network cable (7200- 23490-xxx)

Environmental conditions

- Operating temperature: 0 - +40° C (+32 - 104° F)
- Relative humidity: +10–90% (non-condensing)
- Storage temperature: -40 - +185° F (-40 - +85° C)

Regulatory certifications

Electrical safety

- UL 60950-1
- CE Mark
- CAN/CSA C22.2 No. 60950-1
- EN60950-1

- IEC60950-1
- AS/NZS 60950-1

EMC

- FCC Part 15 (CFR47) Class A
- ICES-003 Class A
- EN55022 Class A
- CISPR22 Class A
- VCCI Class A EN55024

Part number

- 2200-13339-001 PoE
- 2200-13339-018, Skype for Business/ Microsoft Lync edition PoE

Warranty

- 1 year

Country of origin

- Thailand

Weight

- Box: 1.7 lb (.77 Kg)

Dimensions (L x W x H)

- Product: 4.5 x 4.5 x 1.2 in (11.5 x 11.5 x 2.8 cm)

General

- Pairing button and status indicator
- Security cable lock slot

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About Polycom

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