

## ▶ Polycom® RMX® 1500

### Simplified, flexible, top-class multipoint conferences

A flexible medium-sized conference platform with dynamic resource allocation, network flexibility and reliability, and cost-effective scalability - seamless integration into the systems of leading UC partners.

The Polycom real-time conferencing platform® RMX® 1500 expands the capabilities of audio, video, and content collaboration across the network: branch offices, small branch offices, field offices, and teleworkers around the world.

#### The lowest cost of ownership, the highest ROI

Efficient provision of conferencing services is the focus of the Polycom RMX series. It is the only multipoint conference platform in the industry that supports the

H.264 supports high profile technology and enables high definition videos to be recorded

Require 50% less bandwidth, which greatly reduces the cost of broadband usage and gives you the lowest cost of ownership and the highest ROI in the industry. Through solutions that support H.264 High Profile technology, Polycom remains committed to an innovative, open, standards-based, and modular architecture that enables companies to get the most from their current and future investments in conference systems.

#### Unparalleled user experience - for administrators and end users

The Polycom RMX 1500 platform is easy to set up, easy to use, and dynamically allocates resources. It enables peak efficiency in all environments, regardless of the type of call. The result is fewer administrative burdens and more resources available for collaboration. In addition, unprecedented video quality of the highest quality is achieved by supporting the 1080p standard. The flexible, reliable architecture facilitates first-class performance, scalability and cost-effective integration of conference services over IP (H.323 and SIP), VoIP, PSTN and ISDN using a single, robust platform. When connected to the powerful Polycom Distributed Media Application™ (DMA™) 7000, users benefit from unparalleled reliable,

#### Voice, video and content collaboration in everyday work

The Polycom RMX 1500 platform leverages native integration with leading UC applications and tools and supports immersive telepresence, desktop clients, legacy systems, and third-party endpoints for comprehensive deployment and delivery of services. This allows customers to avoid the cost and management problems of gateways and additional media cards.

#### additional information

To find out what the Polycom RMX 1500 conference platform can do, visit [www.polycom.com](http://www.polycom.com) or contact your Polycom representative.



- ▶ H.264 High Profile - offers unparalleled bandwidth efficiency
- ▶ Polycom UltimateHD™ - HD quality video, audio and content sharing
- ▶ Support of multiple networks - IP (H.323, SIP), PSTN and ISDN in one housing
- ▶ Location-independent, easy access without risks - web-based multi-tier management
- ▶ On-demand conferences to anyone Time - continuously available, virtual conference rooms
- ▶ Failsafe multipoint Conferences - Polycom Lost Packet Recovery™ (LPR™)
- ▶ Maximum value per call - dynamic resource allocation or fixed capacity
- ▶ Automatic failover - Virtualizing RMX resources with DMA 7000
- ▶ Platform compatible with RMX 2000 and RMX 4000

## Dimensions

- 1 U, 4.44 x 48.26 x 60 cm Weight:
- up to 12 kg
- Power supply: 100 - 240 VAC ± 10%, 47 - 63 Hz, 350 W max. Power consumption

## Operating environment

- Operating temperature: 0 - 40 ° C, 3400 BTU / hour.
- Storage temperature: -40 - 70 ° C Relative humidity: 15%
- - 90% non-condensing

- Height of operation / transport / storage: 60 m below sea level to 4,500 m above sea level

## Video support

- H.261, H.263, H.263 ++, H.264 Up to 60 frames per second
- From QCIF to HD 1080p, including intermediate resolutions (SIF, CIF, SD, WSD and HD 720p)
- Up to HD 1080p with Continuous Presence (CP) transcoding (TX)
- Aspect ratio: 16: 9 and 4: 3
- H.239 content sharing resolution (H.263 / H.264): VGA, SVGA, XGA, HD content for H.239 and non-H.239 endpoints Polycom Video Clarity™ technology for sharper, high-quality videos

## Audio support

- G.711a / u, G.722, G.722.1C, G.722.1, G.723.1, Add G.719 G.729A, and Polycom Siren™ 14 and Siren 22 (in mono or stereo)
- IVR messages for automatic participation (Auto Attendance)
- Operator mute and managed mute control
- DTMF support
- Echo / keyboard noise reduction
- Audio quality for clearer, better audio experiences

## capacity

- Up to 960 media resources and 120 audio resources
- Flexible Resource Capacity™ supports up to:
  - 15 HD 1080p endpoints in CP (Continuous Presence)
  - 30 HD 720p endpoints in CP (Continuous Presence)
  - 60SD endpoints in CP (Continuous Presence)
  - 90\_CIF\_(H.264)\_endpoints\_in\_CP\_(Continuous\_Presence)
  - 60\_CIF\_(H.263)\_endpoints\_in\_CP\_(Continuous\_Presence)
  - 90\_HD\_720p\_2Mb\_endpoints\_in\_video\_switch\_mode\_(VSW)
  - 360 VoIP and 120 PSTN audio endpoints Fixed Resource Capacity sets up the resources for the RMX 1500 to be of constant capacity regardless of the type of call
- Supports a single non-cascading conference with up to 360 audio or 90 video participants
- Integration with Polycom Distributed Media Application™ (DMA™) 7000 supports up to 1,200 active participants for high quality, redundant conferences

## Management tools

- RMX Manager offers both web-based and application-based access Multi-RMX Manager - display of up to 10 RMX platforms
- Administrator, operator, auditor and chairman views
- Onboard Shelf Management monitors and maintains hardware components
- Complete XML API kit for integrating third party applications
- Up to 4,000 address book entries
- Address book quick search
- Operator conference
- Moving participants between meetings
- Conference templates for easy saving of layouts for recurring meetings Internal reservation calendar for Scheduling
- Planning options - internal Reservation Calendar - Planning and gatekeeping functions through Polycom Converged Management Application™ (CMA™) 4000/5000
- Polycom® Conferencing for Microsoft Outlook
- External database access (LDAP / AD)

## Language support

- English, Chinese (simplified), Chinese (traditional), Japanese, Russian, German, Korean, Spanish, French, Italian, Portuguese, Norwegian
- Double-byte (Unicode) location names character

## Network support

- IP H.323 and SIP PSTN
- and VoIP Voice ISDN
- (H.320, 4 PRI)) IPv4 and IPv6
- 10/100/1000 MB interface
- Transfer rates for conference data from 64 Kbit / s to 6 Mbit / s
- Up to 768 Kbps for content gateway connections
- Direct dial-in from all networks

## Transcoding

- Audio algorithms
- Video algorithms
- Networks
- resolution
- Frame rates
- Bit rates

## IP QoS (Quality of Service)

- Polycom Lost Packet Recovery™ technology DiffServ
- IP precedence
- Dynamic jitter buffer
- Suppression of audio and video errors

## safety

- Media encryption according to AES (IP and ISDN)
- Transport Layer Security (SIP and Management Network)
- Separate administrative and media networks. Multilayer administrative access levels

- Secure conference mode Strict
- password guidelines

## Approvals and standards

- EMC: CE, FCC 47CFR PART 15, VCCI, AS / NZS, ICES-00355022, China EN55024 Safety: UL 60950-1
- (ETL), IEC 60950-1 (CB), EN 60950-1 (CE)
- RoHS 6
- IDA TS ISDN-PRA Jul 2005
- TIA-968-A
- 47 CFR part 68
- CS-03 Issue 9 Part VI
- HKTA 2015 Edition 5, January 2008 Ordinance 31:
- April 1985 including amendment March 2005

- TBR-4: Nov 1995 including amendment A1: 1997 PTC 100
- PTC 216
- AS / ACIF S038: 2001

## Conference highlights - all platforms

- Integration with Polycom RSS™ series for recording and streaming
- Support for immersive Polycom telepresence rooms (Polycom RPX™, Polycom TPX) HD multipoint conferencing
- Polycom Conferencing for Microsoft Outlook Unified Conferencing (audio, video and data) Up to 35 different conference layouts Personal and automatic layout options
- Layout area 1x1 to 4x4
- Polycom LPR™ support - Technology as well as H.323 and SIP protocols. Supports Polycom High Profile H.264 technology

- The advanced, visual Polycom Click & View™ layout tool
- Individually tailored configuration of the resolution

- Customized HD welcome Foils
- Layout background (skin) options
- Lecture and presentation mode
- Roll call
- subtitle
- Message overlay
- Conference profiles
- Conference templates
- Camera control on the other side (FECC, Far-End Camera Control) H.224 / H.281, H.323 Annex Q and SIP FECC
- Conference Dial Out / Dial In Up to 1000
- conference rooms Extended IVR flow
- Multilingual and transparent options for location names
- H.239 support over H.323 links (between all Polycom bridges)

## warranty

*One (1) year limited hardware warranty: unit must be returned to Polycom factory within 30 days of receipt;*

*90 day software warranty: bug fixes / minor releases. Contact your Polycom reseller or Polycom sales representative for more information.*

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