



Polycom® RMX 1000™

Conference Platform



Benefits

Ultimate user experience – Unrivaled audio quality with Siren™ 22 StereoSurround™, optional high definition video and content delivery

Anytime, on demand conferencing – Always-on virtual meeting rooms

Useful on-screen conference controls – Personal Conference Manager (PCM)

Resilient multipoint conferencing – Improved collaboration experience through LPR

Easy, secure access from anywhere – Multi-tiered Web-based management

Optimal system provisioning in mixed networks – Flexible resource capacity

Easy integration to existing workflows – Comprehensive XML API tool kit

Part of a complete, market-leading conferencing and collaboration solution

Conferencing for the Mainstream

The Polycom RMX 1000 conference platform delivers high performance video and audio conferencing to small-to-medium sized organizations and branch sites within the enterprise.

Supporting up to twenty concurrent video or audio endpoints, the RMX 1000 conference platform is ideal for organizations requiring a robust and cost-effective multipoint conferencing solution. An extension of the powerful and scalable RMX 2000, the RMX 1000 conference platform offers many of the same ease-of-use features that are bringing video conferencing into the communications mainstream.

Powerful Conferencing Tools

Delivering high degrees of management flexibility and control, the RMX 1000 Web-based manager uses conference profiles to quickly deploy a variety of settings based on user and group requirements. Always-available, on-demand virtual meeting rooms offer a seamless method for initiating multi-point conferences. Conferences-in-progress benefit from the RMX 1000 Personal Conference Manager (PCM), an intuitive onscreen interface that allows the conference chairperson to add, remove or mute participants as required.

For mission-critical conferences the RMX 1000 platform offers an optional on-board scheduler. A complete XML API toolkit allows conferencing to be seamlessly integrated within an organization's applications and workflows. Optimized resource provisioning allows the RMX 1000 conference platform to always operate at peak efficiency, regardless of call type. Polycom Lost Packet Recovery (LPR) technology ensures high quality video, audio, and content delivery across even congested networks.

Easy to Implement and Use

With straightforward installation, powerful management capabilities, and intuitive user interfaces, the RMX 1000 conference platform delivers robust, life-like multipoint communication to room-based and personal conferencing environments. Organizations benefit from increased productivity, faster and more-informed decision making, and accelerated user adoption of real-time collaboration tools. As a critical component of the Polycom VC2 vision for transforming visual communication, the RMX 1000 provides a cost-effective, highly intuitive solution for mainstream SMB and branch office conferencing requirements.

Make Great Things Happen With Polycom RMX 1000 Multipoint Conference Platform

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organization's survival. As the market leader in voice, video and content collaboration and communications, our award-winning conference technology makes it easy for people to interact and maximize productivity – over any network, in just about any environment, anywhere around the globe. That's why more organizations worldwide use and prefer Polycom conferencing solutions. Because when people work together, great things happen. See how you too, can achieve great things with Polycom RMX1000 multipoint conference platform.



Polycom RMX 1000 Specifications

The RMX 1000 Conference Platform is available in 12, 16, and 20 media resource configurations.

Physical dimensions

- Height: 3U, 5.20" (132 mm)
- Width: 16.93" (430 mm)
- Depth: 19.92" (506 mm)
- Weight: 48.4 lbs (22 kg)
- Power supply: Thermal controlled 650W ATX AC power supply w/PFC
- Power: 100 - 240 VAC, 50-60 Hz, 5-9 Amps
- Linux operating system

Operating Environment

- Operating temperature: 10° to 40° C (50° to 104° F), 3400 BTU/hr
- Storage temperature: -40° to 70° C (-40° to 158° F)
- Relative humidity: 15% to 90% noncondensing
- Operating altitude: 60 m (200 ft) below sea level to 3,000m (13,000 ft) above sea level
- Transit/Storage: 60 m (200 ft) below sea level to 15,000 m (50,000 ft) above sea level

Video Support

- H.261, H.263, H.264
- From QCIF to 720p
- Up to high definition (HD) 720p in continuous presence (CP) transcoding (TX) - Optional
- 720p Voice switching (VSW)
- Up to 30 frames per second
- 16:9 and 4:3 aspect ratio
- H.239 content sharing resolution: VGA, SVGA, XGA
- H.239 Content in H264 Format

Audio Support

- G.711a/u, G.722, G.728, G.722.1/Siren™ 7, G.722.1AnnexC/Siren 14, Siren 22 StereoSurround™
- IVR prompts for auto attendance
- User and managed mute control
- DTMF support

Capacity

- Up to 20 media and audio (H.323) resources
- Flexible resource capacity supports:
 - Up to 10 SD and HD (optional) resources for CP
 - Up to 20 CIF resources for CP
 - Up to 20 HD resources for VSW

Management Tools

- Web-based management with support for multiple languages
- Administrator, operator, and chairman views
- System-generated emails to administrator in case of system alerts
- Complete XML API kit for 3rd party application integration
- On-board scheduling option or scheduling and gatekeeping functions via *ReadiManager*® SE200

Network Support

- IP H.323
- 10/100/1000 Mb interface
- 64 Kbps to 2 Mbps conference data rates

Transcoding

- Audio algorithms
- Video algorithms
- Networks
- Resolution
- Frame rates

IP QoS

- Lost Packet Recovery (LPR)
- DiffServ
- IP Precedence
- Dynamic jitter buffer

Security

- AES media encryption
- Tiered permission levels include Administrator, Operator, Chairperson

Approval and Compliance

- CE
- Safety: UL (60950 3rd Edition) and CB
- EMC: CE, FCC 47CFR PART 15, VCCI, C-Tick, MIC, China CCC
- China MII
- RoHS 6

Conferencing Highlights

- Conference Mode: On demand, password protected, schedule
- Integration with Polycom RSS™ 2000 recording and streaming solution
- Unified conferencing (voice, video and data)
- Up to 24 different conference layouts
- Personal layout
- Auto layout
- Layout range 1x1 to 4x4
- Personal Conference Manager (PCM) including Advanced Click & View™
- Video Invite
- Layout skins
- Lecture and presentation mode
- Conference profiles
- Far-end camera control (FECC)
- Conference dial out and dial in
- Up to 1000 Meeting Rooms
- Advanced IVR flow
- Multilingual site names
- H.239 support over cascaded links (between any Polycom MCU)
- Address book—Up to 200 addresses
- CDR (Call Details Record)

Polycom conferencing solutions also include unified conferencing bridges, recording and streaming solutions, firewall/NAT transversal, management, scheduling, and gatekeeper applications, video and audio endpoints, totally immersive conferencing environments, and a full range of installation and professional consulting services.

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