Polycom® RMX 1000™

Multipoint Conference Platform for the Mainstream

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

Supporting up to twenty video and audio endpoints concurrently, the Polycom RMX 1000 is ideal for organisations requiring a robust and cost-effective multipoint conferencing solution. When leveraged with the highly-scalable, open architecture Polycom RMX 2000™ conference platform and Polycom HDX Series high definition video endpoints, the Polycom RMX 1000 supports a complete high definition ecosystem for real-time visual communication.

Powerful Conferencing Tools

Delivering high degrees of management flexibility and control, the Polycom RMX 1000 allows administrators to easily establish conferences via pre-set profiles based on specific user and group requirements. Always-available, on-demand meeting rooms offer an equally seamless method for initiating multi-point conferences. Conferences-in-progress benefit from the Polycom RMX 1000 Personal Conference Manager (PCM), an intuitive application that allows the conference chairperson to add, remove or mute participants as required.

For mission-critical conference requirements, the Polycom RMX 1000 includes a complete XML API toolkit and an optional on-board scheduling application that allows conferencing to be seamlessly integrated within organisational applications and workflows. Optimised internal resource provisioning and Polycom Lost Packet Recovery (LPR) technology ensure quality of service and 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 Polycom RMX 1000 delivers robust life-like multipoint communication to room-based and personal conferencing environments. Organisations benefit from increased productivity, faster and more-informed decision making, and accelerated user adoption of critical real-time collaboration tools. As a critical component of the Polycom VC2 vision for transforming visual communication, the Polycom RMX 1000 provides a cost-effective, highly intuitive solution for mainstream SMB and branch office conferencing requirements.

Find Out More

Learn what the Polycom RMX 1000 can do for your organisation. Visit us at www.polycom.com or contact your Polycom representative.

- Ultimate user experience – Exceptional audio, 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 – Polycom Lost Packet Recovery™ (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

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Polycom RMX 1000 Specifications

Polycom RMX 1000 multipoint conference platforms are 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 3,000 m (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
- IVR prompts for auto attendance
- User and managed mute control
- DTMF support

Capacity
- 12 to 20 media and audio (H.323) resources
- Flexible resource capacity supports:
  - 6 HD to 10 HD/SD resources for CP
  - 12 to 20 CIF CP or HD VSW resources
  - 12 to 20 VoIP audio resources

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 Polycom management solutions
- Address book—Up to 200 addresses
- CDR (Call Details Record)

Language Support
- English, Simplified Chinese, Traditional Chinese, Japanese, Russian, German, Korean, Spanish, French, Italian, Portuguese, Norwegian
- Double Byte (Unicode) site names

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
- Polycom 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 Polycom 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)

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.