



# Polycom® MGC™-25

All the power of Polycom multipoint conferencing  
in a compact size



## Benefits

### **Highest quality video processing** –

As an option, users can take advantage of Polycom's industry leading continuous presence, transcoding and Click&View™. The MGC-25 offers all the advanced features of the MGC-50 and MGC-100 in a work group, plug and play, conferencing platform

**An easy start** – Preset configurations and support for multiple networks – IP, ISDN, VoIP, and PSTN

**High-value conferencing** – Takes advantage of same software as the MGC-50 and MGC-100 platforms. Offers features such as superior, state-of-the-art, high-fidelity audio (Siren 14) and video with a frame rate of up to 60 fields-per-second

**True plug-and-play functionality** – Easy-to-use LCD and keypad and a self-guided wizard enable fast setup

**Total flexibility** – Enjoy ad hoc conferencing with one number for video and voice conferences, as well as scheduled conferencing through various management tools

**Web collaboration** – Complete integration with Polycom WebOffice™ providing an integrated audio, video and Web conferencing solution.

**Investment protection** – Simply upgrade the MGC-25 at any time

A plug-and-play, multinetwork solution, the MGC-25 platform delivers feature-rich, economical, easy-to-use multipoint audio, video, and gateway conferencing.

An easy conferencing start with preset configurations of unified, audio, video, and gateway conferencing, the MGC-25 provides high-value conferencing in a plug-and-play platform. Because the MGC-25 takes advantage of the same software as the MGC-50 and MGC-100, the MGC-25 includes unique features like interactive keypad control (IVR/DTMF) for audio and video conferencing, and provides unmatched audio and video quality.

The MGC-25 provides flexibility. End users can use a single number per conference for ad hoc conferencing, and they can choose to schedule their conferences from any MGC management and scheduling application.

### **The plug-and-play choice for The Polycom Office™**

With integrated video, audio, data, and Web capabilities, The Polycom Office is the only solution that offers you an easy way to connect, conference, and collaborate any way you want. The Polycom Office is our commitment to making distance communications as natural and interactive as being there. Work faster, smarter, and better with the Polycom MGC-25 and The Polycom Office.



Connect. Any Way You Want.

VideoVoiceData

By offering 10 different configurations, the MGC-25 can support multiple types of applications and networks including gateway, full featured, multipoint voice and video conferencing or both with Unified Conferencing.

#### Upgrade to the MGC-25 Unified 24

Any MGC-25 gateway, IP 12, IP 16+ or VoicePlus 24 system can be easily upgraded in the field to a Unified 24 configuration.

#### Upgrade to the MGC-25 Unified 24 V

The MGC-25 IP 16+ V and ISDN V systems can also be upgraded in the field to ISDN V configuration.

The MGC-25 can grow with your organization.

The MGC-25 is available in 10 configurations of Gateway, Polycom VideoPlus™, Polycom VoicePlus and Unified Conferencing.

### MGC-25 Capacity

Supported	Number of Sessions	
GW1	IP/ISDN	Up to: 11 @ 128 Kbps @ T1 12 @ 128 Kbps @ E1 3 @ 384 Kbps @ T1 5 @ 384 Kbps @ E1
GW2	IP/ISDN	Up to: 12 @ 128 Kbps @ T1/E1 7 @ 384 Kbps @ T1 10 @ 384 Kbps @ E1
IP	Networks Supported	Total Number of Ports
IP 12	IP/VoIP	Up to: 24 VoIP/64 Kbps 24 @ 128 Kbps 12 @ 384 Kbps 6 @ 768 Kbps 3 @ T1/E1
IP 16+	IP/PSTN Voice	Up to: 8 PSTN/64 Kbps 24 VoIP/64 Kbps 24 IP @ 128 Kbps 16 IP @ 384 Kbps 8 IP @ 768 Kbps 4 IP @ T1/E1
IP 16+ V Advanced Continuous Presence, transcoding and Click&View included	IP/PSTN Voice	Up to: 8 PSTN/64kbps 24 VoIP/64 kbps 24 IP @ 128 kbps 16 IP @ 384 kbps 8 IP @ 768 kbps 4 IP @ T1/E1
ISDN	Networks Supported	Total Number of Ports
IISDN V Advanced Continuous Presence, transcoding and Click&View included	ISDN	Up to: 12 ISDN @ 128 kbps T1/E1 7-10 ISDN @ 384 kbps T1/E1 3-5 ISDN @ 768 kbps T1/E1 2 ISDN @ T1/E1
Unified	Networks Supported	Total Number of Ports
Unified 24 (A maximum of 24 ports in any of the following combinations)	IP/ISDN/PSTN/VoIP	Up to: 24 PSTN/64 Kbps 12 ISDN @ 128 Kbps @ T1/E1 7-10 ISDN @ 384 Kbps @ T1/E1 3-5 ISDN @ 768 Kbps @ T1/E1 2 ISDN @ T1/E1 16 VoIP/64 Kbps 16 IP @ 128 Kbps 16 IP @ 384 Kbps 8 IP @ 768 Kbps 4 IP @ T1/E1
Unified 24 V (A maximum of 24 ports in any of the following combinations)  Advanced Continuous Presence, transcoding and Click&View included	IP/ISDN/PSTN/VoIP	Up to: 24 PSTN/64kbps 12 ISDN @ 128 kbps T1/E1 7-10 ISDN @ 384 kbps T1/E1 3-5 ISDN @ 768 kbps T1/E1 2 ISDN @ T1/E1 16 VoIP/64 kbps 16 IP @ 128 kbps 16 IP @ 384 kbps 8 IP @ 768 kbps 4 IP @ T1/E1
Audio	Networks Supported	Total Number of Ports
Polycom VoicePlus 24	PSTN	Up to: 23 PSTN/64 Kbps @ T1 24 PSTN/64 Kbps @ E1
Polycom VoicePlus 48	PSTN	Up to: 46 PSTN/64 kbps @ T1 48 PSTN/64 kbps @ E1

### The MGC-25 – a compact, ready-to-go, voice, video, gateway, and unified conferencing system

The MGC-25 was designed specifically as a plug-and-play, multipoint conferencing system so organizations large or small can get their conferencing network up and running in no time.

For quick installation, the MGC-25 has an easy-to-use LCD and keypad located on the front of the system for simple IP address assignment. To configure the MGC-25, end users use a self-guided interface that takes them through as little as one or two configuration screens.

#### The installation process can be completed in two steps:

- 1) Enter an IP address of the MGC-25 from the LCD and keypad on the front of the system.
- 2) Connect to the self-guided wizard and configure your system.

Now you have completed installation and you are ready to start conferencing.

#### MGC-25 industry-leading features

- **A Single number per conference** – Now with one number for your video and audio conferences, it is easy to conference from anywhere, at anytime.
- **Interactive keypad control (IVR/DTMF) for both voice and videoconferencing** – Users have the same IVR/DTMF controls for audio and video conferencing, creating the same unified experience. Now, in one conference, audio and video participants can have the same set of controls such as password-protected conferencing, voting and polling, roll call, and Q&A sessions.
- **Audio transcoding** – Included with all MGC-25 configurations, customers can enjoy improved audio quality.
- **IP QoS support** – The MGC-25 provides high-quality IP conferencing with Packet Commander II. This includes the synchronization of IP packets for video and voice calls, dynamic jitter buffer which minimizes “lip sync,” and error resilience technology. Also provided are standard IP QoS offerings, such as IP Precedence and IP DiffServ.
- **Advanced Continuous Presence** – the MGC-25 is the only work group solution in the industry to offer high quality, advanced continuous presence with visual effects that include site naming, customized borders and speaker indications. Polycom’s unique visual effects make continuous presence a more productive tool and make multipoint video conferences more like face-to-face meetings.
- **Basic+ Continuous Presence** – Basic+ Continuous Presence is hardware based using the MGC video module to deliver the highest capacity CP conferencing available on the MGC with the quality and choice of 27 CP layouts supported by Polycom’s Advanced+ Continuous Presence. Basic+ CP only requires one video module port resource to support a conference that can scale up to the total system port capacity with only one CP layout and no transcoding.
- **Software IP Continuous Presence** – Included with all MGC-25 IP configurations, users can choose from two different layouts: side-by-side or two-way and a quad layout, change the layouts on the fly, set windows to be voice activated or fixed, and have high-quality video at up to 30 fps.
- **Click&View** – the MGC-25 is the only work group conferencing solution to offer an easy-to-use, end user management interface that only requires the remote control for your video conferencing system. Using a remote control and IVR/DTMF tones, end users can access Click&View, the easy-to-use GUI, and be guided through their multipoint video conference. The Click&View GUI is generated by the MGC, so anyone connecting to the MGC can see it regardless of their endpoint.
- **Industry Leading Transcoding** – simultaneously with continuous presence or in voice activated conference, the MGC-25 can provide optimal connectivity for video conferencing sites connecting at different network speeds, frame rates, resolutions and audio and video algorithms.

### The MGC-25 provides a complete set of management and scheduling tools

Included with every MGC-25 configuration is a license of MGC Manager – a comprehensive, client-based scheduling and management package. In addition to MGC Manager, the MGC-25 can support Web-based management and scheduling with Polycom WebCommander™, and scheduling through Microsoft® Outlook®. All of the scheduling and management solutions used with the MGC-25 are the same software applications used with the MGC-50 and MGC-100 platforms. Therefore, networks needing a range of platform solutions – MGC-50, MGC-100 or MGC-25 – can use a single software application to manage the entire MGC network.

#### Flexible conferencing

For flexibility, the MGC-25 provides simultaneous ad hoc conferencing and scheduled conferencing. For example, this enables organizations to schedule company-wide conference calls to launch new products and have spontaneous conference calls to communicate late-breaking news.

If you thought that a conferencing solution was out of reach for your organization, take a look at Polycom’s MGC-25. Compact, cost-effective, and easy to use, the MGC-25 is everything you’ve been waiting for, and more.

# Polycom MGC-25 Specifications

## Audio support

- G.711a, G.711u, G.722, G.722.1, G.723.1, G.728, G.729a, Siren™ 7, Siren 14

## Video support

- H.261, H.263+, H.264
- 30 frames per second, 60 fields per second NTSC, 50 fields per second PAL
- QSIF, SIF, 4SIF, QCIF, CIF, 4CIF, VGA, SVGA, XGA, PAL, NTSC video resolution

## Conference data rates

- 56/64 Kbps to 2 Mbps

## Transcoding

- Audio Algorithms G.711, G.722, G.722.1, G.723, G.728, G.729a, Siren™ 7, Siren 14
- Networks – IP, ISDN, T1, T1 dedicated, T1 CAS
- Network Speed – 128 Kbps up to 2 Mbps
- Resolution – QCIF or CIF
- Video Algorithms – H.261, H.263
- Frame Rate – 7.5 fps-30fps
- Data Rates – 6.4-46.4 Kbps MLP, 64-128 Kbps HMLP

## Cascading

- Simple and H.243 Cascading

## Network interface support

- 10/100 Ethernet
- 2 PRI Interface ISDN and Dedicated T1/E1

## MGC-25 chassis dimensions

- 2U
- Width: 19" (48 cm)
- Depth: 19" (48 cm)

## MGC-25 chassis operating environment

- Operating Temp 10° to 40° C, (50° Environment to 104° F), 3400 BTU per hour
- Storage Temperature -40° to 70° C (-40° to 158° F)
- Relative Humidity 15% to 90% noncondensing
- Operating Altitude up to 3,000 m (10,000 ft)
- Storage Altitude up to 12,000 m (40,000 ft)
- Operating ESD +8kV
- Storage ESD +15kV

## Power supply

- AC input 100 - 240 VAC, 50/60 HZ  
Power consumption
- AC voltage – up to 2 AMP at 100 VAC. 1 AMP at 240 VAC

© 2004 Polycom, Inc. All rights reserved.

*Polycom and the Polycom logo design are registered trademarks and Polycom WebOffice, Siren, VoicePlus, Polycom WebCommander, Click&View, MGC and The Polycom Office are trademarks of Polycom, Inc. in the U.S. and various countries.*

*All other trademarks are the property of their respective companies. Specifications are subject to change without notice.*



North America:

1025 Old Country Road, Westbury, NY 11590 (T) 1.888.YES.VIDEO (937.8433) for North America only.  
For North America, Latin America and Caribbean (T) +1.516.338.7700, (F) +1.516.338.7711

[www.expeditevcs.com](http://www.expeditevcs.com)

Part No. 3726-07675-001 Rev. 3/04