

# Polycom® VoicePlus

Full featured PSTN and VoIP conferencing



## Highlights

**Full featured voice conferencing** – PSTN, VoIP and mixed PSTN/VoIP conferences

**Flexible conference support** – Easily supports reservationless, unattended, and attended conferences

**Unique portal integration** – VoicePlus and Polycom WebOffice™ Conferencing Portal provides unique integration of voice conferencing, Web collaboration and instant messaging.

**Secure VoIP conferencing** – Through integrated firewall capability

**Multipoint and gateway** – Multipoint PSTN, VoIP and mixed PSTN/VoIP conferences and PSTN-to-VoIP gateway conferences on the same MGC

**Unique multimedia solution** – Easy upgrades to add full integration with Polycom WebOffice and ISDN and IP video, in the same conference, on the same MGC platform

**Polycom VoicePlus is the only voice conferencing solution that can support full featured PSTN and VoIP conferencing today, and be easily upgraded to support web collaboration and video conferencing, whenever it is needed in the future.** Support for both multipoint and gateway conferencing on the same platform, narrow and wideband audio and desktop portal access to these services are unique capabilities that takes voice conferencing to the next level of customer expectation.

Flexibility to deploy what is needed, when it is needed and ease of support are major benefits that the customer gets with Polycom VoicePlus.

Flexibility and ease of support for a mix of attended, unattended and ad hoc scheduling and conferencing services results in more productive conferences with the level of service best suited to the end user and conference application.

Migrating from PSTN to VoIP conferencing is easy with Polycom VoicePlus. Support PSTN, VoIP and PSTN/VoIP conferences today and simply add the resource modules needed to support changing demand for network support in the future. Polycom VoicePlus can be easily upgraded to support ISDN and IP videoconferencing, on the same platform.

## The voice conferencing choice for The Polycom Office™

With integrated video, voice, 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 Polycom VoicePlus and The Polycom Office.



Voice

Connect. Any Way You Want.

# Polycom VoicePlus Specifications

## Audio support

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

## Network interface support

- 10/100 Ethernet
- 2 PRI Interfaces, T1/E1
- 4 PRI Interfaces, T1/E1
- 8 PRI Interfaces, T1/E1
- 2 T1 CAS Interface
- 4 T1 CAS Interface
- 8 T1 CAS Interface

## MGC 25 chassis dimensions

- Height 2U
- Width 19 inches
- Depth 17.5 inches
- Power 100-240 VAC, 50/60Hz

## MGC 50 chassis dimensions

- Height 40.8 cm (16 inches)
- Width 38.1 cm (15 inches)
- Depth 50.2 cm (19 inches)
- Optional 19-inch rack mount kit
- 8 Slot Chassis Power
  - 120-230 VAC, 50/60 Hz

## MGC 100 chassis dimensions

- Height 40.8 cm (16 inches)
- Width 58.4 cm (23 inches)
- Depth 50.2 cm (19 inches)
- 16 Slot Chassis Power
  - 3 load sharing 110-240 VAC, 50/60 Hz, -48 DC
  - Redundant power supplies, optional
- NEBS Level 3 Compliance with special-order systems

## 8 and 16 slot chassis environment

- Operating Temp 10° to 40° C (50° 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
- Storage ESD +15kV

## Additional VoicePlus features

### Leading-edge technology built on a proven, award-winning platform – the Polycom MGC

- **Flexible conferences** - features are set at the conference level, not the system level
- **Highly scalable solution** solves both enterprise and high-capacity service provider requirements
- **Dynamic scaling** allows dynamic conference size for scaling on demand
- **QoS on IP-based networks** through DiffServ and IP precedence
- **Drag and drop** creation of subconferences or breakout sessions

### Conference quality features

- **Noisy line detection** eliminates unwanted distractions
- **Request attendant help** during a conference
- **Transcodes** audio and video capabilities to ensure optimum conference quality for each user
- **Integrated echo cancellation** eliminates unwanted feedback

### Security

- **PIN code access and conference lock** ensures secure conference access and integrity
- **Enter conference** only when the conference chairperson is present
- **Conference** entry and exit tone notification
- **Roll call** plays the participant's name upon entry and exit
- **Attendant managed access** for participant greeting and verification
- **Dial out to defined numbers** eliminates unwanted entry
- **Certified integrated** firewall for VoIP to VoIP connectivity
- **CLI validation** for predefined dial-in participants

### Reservations

- **Support for all conferencing modes** attended, unattended, scheduled, and ad hoc
- **Mixed media participant** means participants using audio, video, and data over IP or circuit switched networks can take part in the same conference
- **Web based control** for remote conference management
- **E-mail integration** for automatic conference notification to all participants

### Conference control

- **Volume control and audio mix depth** can be adjusted to suit individual requirements and environments
- **DTMF and multilingual IVR functionality** for easy navigation and control for audio and video participants
- **Voting, polling, and roll call** for audio and video participants
- **In-conference event notification** and attendant assistance for easy navigation and control for audio and video participants
- **Automatic conference termination and extension** for efficient conferencing and resource use

## Basic VoicePlus features

- Create/start/terminate conference
- Connect/disconnect party - dial-in, manual dial-out, and blast dial-out
- Mute/unmute/set participant's volume
- DTMF detection
- IVR service messages (audio prompts)
- Entry/exit/end time Alert tones
- Set audio mix depth
- Conference auto terminate and auto extend
- Recording Flag
- Automatic allocation of conference passwords
- Optionally allow duplicate conference password allocation.
- Visual indication, for the attendant, of the current speaker within a conference
- Enables the attendant to easily escort a new participant into his conference
- Up to 16 dial-in numbers per conference
- Noisy line detection
- Conference e-mail notification with WebCommander
- Automatic gain control

## Unattended VoicePlus conferencing features

- Ad hoc conferencing with Meeting Rooms and PIN code access or customer data base validation of ad hoc request for conference services
  - Entry Queue
  - Undefined number of conference parties
  - Attendant assistance
  - Mute incoming parties
  - Unattended conference security:
    - Conference password
    - Data base check of conferencing privileges and billing codes
    - Conference leader PIN code needed to start the conference
    - Conference lock by leader
    - Entry/exit tones
    - Conferences end when chairperson leaves
    - Roll Call

## DTMF VoicePlus features

- Mute/unmute/mute 'all-but-me'
- Put/release conference on hold
- Lock conference
- Request attendant assistance
- Increase/decrease self volume
- Provide billing code
- Voting/polling
- Question and Answer sessions
- Dial out to invite
- Help menu of DTMF options
- Roll call review names
- Enable/disable roll call
- Change password
- Secure/unsecure conference
- Terminate conference

## System capacity

- Up to 860 ports in a single chassis

## Conference Scheduling and Management

- **MGC Manager** - Powerful system operator tool to support conferences and system administration
- **WebCommander™** - Web browser based end user tool to schedule and manage conferences, includes Microsoft® Outlook® interface

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