

GAC2570 Enterprise Conference Phone Overview and Basics



About the GAC2570

The GAC2570 is a full-duplex conferencing device featuring high-quality voice communication for meeting rooms, huddle areas, boardrooms, and other conferencing spaces. The device features an exceptional speaker with MMAD (Multichannel Microphone Array Design) to deliver a natural and immersive conferencing experience to both local and remote participants. This wireless design is composed of a wireless extension microphone, modern Wi-Fi and Bluetooth support, and a built-in battery. It features a 7" 1280x800 IPS touchscreen LCD with conferencing support for up to 12 attendees. The GAC2570 enables any ongoing conference to remain uninterrupted in case of the occasional conference room changes. This device supports 5m pick-up range and can be connected with two GMD1208 desktop wireless microphones up to 20m away to enhance audio quality and provide full room coverage. Additionally, its modern industrial design and rich features make it a customizable conferencing solution for small to medium-sized conference rooms and other day-to-day business conferencing spaces.

Product Positioning

The GAC2570 enterprise conference phone is an ideal device for creating medium to large conference rooms. With a wireless microphone pickup range of 20 meters, a singular GAC2570 can set the stage for small to medium boardrooms and conference rooms. Additional GMD1208 desktop wireless microphones can be used to expand the pick-up range of a conferencing deployment.



Full-duplex HD speaker



Supports up to 12-way conferences



12 omnidirectional microphones with MMAD

Competitive Features

- Full-duplex speakerphone with HD acoustic chamber, advanced acoustic echo cancellation, and microphone beamforming array
- Integrated Wi-Fi 6, Dual-band 2.4 & 5GHz with 802.11 a/b/g/n/ac/ax
- 12 omnidirectional microphones with MMAD (Multichannel Microphone Array Design)
- Supports up to 12-party conferences
- Zoom certified and compatible
- Built-in rechargeable and replaceable battery supporting up to a 4-hour talktime

GAC2570 Key Technical Specifications

Protocols and Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, LLDP-MED, TR-069, 802.1x, TLS, SRTP, IPv6, OpenVPN®
Voice Codecs	G.711µ/a, G.722 (wide-band), G.722.1c, G.726-32, iLBC, Opus, G.729A/B in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS, Noise shield
Network Interface	One 10/100/1000 Mbps port with integrated PoE+ and dedicated media port
Speaker	10-watt high-fidelity speaker, Frequency: 100-20000 Hz, Volume: Up to 83 dBA at 1.0 meter
Microphone	12 omnidirectional microphones with MMAD, GMD1208 wirelessly cascades up to 2
Power & Efficiency	Integrated PoE+ 802.3at Class 4 Built-in rechargeable (and replaceable) battery to allow up to 4-hour talktime

GAC2570 Enterprise Conference Phone Features and Benefits



Powerful Conferencing Capabilities

Grandstream's GAC2570 enterprise conference phone is a market-leading conferencing device for enterprises and organizations where conferencing collaboration is vital. The GAC provides a rich array of features for a customizable conferencing solution.

- A crisp and clear conferencing experience can easily be achieved with the GAC2570 due to the 10-watt high-fidelity speaker with its HD acoustic chamber, advanced acoustic echo cancellation, and microphone beamforming array.
- With 12 omnidirectional microphones that have MMAD (multichannel microphone array design) functionality, users can be confident that what they are saying is being clearly heard. Each GAC2570 supports up to two GMD1208 that can be used to extend the microphone coverage range.
- A high amount of participants are able to join a single conference due to the GAC's ability to support up to a 12-party conference and its large amount of supported protocols/standards including SIP RFC3261.
- Its built-in, rechargeable, and replaceable battery and Wi-Fi capabilities allow the devices to easily be taken around to several locations within a facility.



Mobile Conferencing

The GAC2570 does not only function as a conferencing device for a singular room, but can also be taken throughout an entire facility. This can be especially useful for lower-budget deployments and rentable office spaces.

- The GAC2570 comes equipped with a built-in rechargeable (and replaceable) battery with up to 4-hours of talktime for an uninterrupted conferencing experience
- With integrated Wi-Fi 6 support, a GAC can connect to a wireless environment on either the 2.4GHz or 5GHz spectrum, allowing it to maintain high call quality no matter its location



Additional Conferencing Features

The GAC2570 supports a variety of additional conferencing features to provide a flexible and customized deployment. These features can help make audio conferences more engaging and provide for a wider set of deployment scenarios.

- With Zoom Certification, a GAC2570 can be fully utilized with Zoom's conferencing platform. This provides a seamless experience for users relying on Zoom's communication solutions.
- The GAC2570 supports SIP paging, hold, call park/pickup, virtual MPKs, auto answer, music on hold, and other features that provide a more dynamic user experience

zoom

Certified

GAC2570 Enterprise Conference Phone Deployment Scenarios

Offices

Offices of any size can utilize the GAC2570 to implement a complete audio conferencing experience within their small to medium conference rooms, boardrooms, and more.

- Enterprise audio-quality features such as HD acoustic chamber and advanced echo cancellation enable works to collaboration more efficiently and clearly
- Supports up to 12-party conferences to include remote workers, satellite office conference rooms, and outside callers/clients

Education

Schools and educational facilities can leverage the GAC2570 as a mobile conferencing device for administration meetings, parent-teacher conferences, and more.

- With integrated Wi-Fi and a 4-hour rechargeable battery life, the GAC2570 can easily be moved throughout a school to meet various conferencing demands
- Support for GMD1208 desktop wireless microphones allows the GAC to quickly expand its microphone range to fit any deployment scenario

Hotels

Hotels that offer business rooms and conference suites can leverage the GAC2570 as a rentable piece of equipment or full-time benefit to customers.

- A single wireless GAC2570 can be rented and provided to customers for use in hotel conference rooms and huddle rooms
- For larger hotels with conferencing suites and dedicated huddle rooms, the GAC2570 can be paired with Zoom to offer an area where guests can quickly assemble teams of remote coworkers for collaboration sessions



GAC2570 Enterprise Conference Phone Grandstream Integration

Wi-Fi Access Points

- Grandstream's GWN access points can be leveraged to create a high-performance wireless network in that a GAC2570 can gain a connection. This is especially useful in environments where a Wi-Fi connection is already needed in conference/meeting rooms for laptops and other work devices
- The GAC2570 supports the Wi-Fi 6 standard, allowing it to take full advantage of being paired with Grandstream's Wi-Fi 6 access points, such as the GWN7660



UCM IP PBXs

- The GAC2570 is a SIP-based audio conferencing platform, and as a result pairs with Grandstream's UCM IP PBXs for SIP account registration and call-handling capabilities managed
- Grandstream's UCM6300 Series of IP PBXs can create audio conferencing bridges of up to 150 attendees, which a GAC2570 can join to expand the number of maximum attendees in an audio conference



GVC Video Conferencing

- Grandstream's GVC3220, GVC3210, and GVC3202 conferencing devices can make full use of the GAC2570 as a speaker and microphone during video conferencing calls
- Complete conferencing solutions can be designed entirely with Grandstream through a GAC2570 audio conferencing device, GVC video conferencing device, and two GMD1208 wireless desktop microphones

