



Partner Marketing Kit



GSC Series Intercom & Paging Solutions

GSC Series SIP Intercoms & Paging

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GSC Series SIP Intercoms & Paging



The GSC Series offers top-notch intercom and paging functionality ideal for office buildings, enterprises, schools, healthcare facilities, retail centers, residential settings, warehouses and other indoor environments. This series allows businesses to build powerful SIP intercom and paging solutions that expand communication and add security. By pairing the GSC device with other Grandstream devices, including desktop and cordless IP phones, facility access systems, and Wi-Fi access points, users can easily sculpt a state-of-the-art security and voice intercom solution. Thanks to its modern industrial design, cleanable exterior surface and rich features, the GSC series is the ideal intercom and paging device for any setting.

GSC Series SIP Intercoms & Paging Sales Kit

The sales kit is a guide to everything you need to know about selling the GSC Series SIP Intercom and Paging solutions. The kit includes: Overview and Basics, Key Differentiators, Comparison Charts, Deployment Scenarios, and Integration with other Grandstream Products.

Translations

[English](#)

[Spanish](#)

GSC3500 Series of SIP Intercoms and Paging Overview and Basics

About the GSC3500 Series

The GSC Series of SIP Intercoms and Speakers allows offices, schools, hospitals, apartments, and more to build powerful voice intercom and paging solutions that help expand security and communication. This portfolio of devices offers both one-way and two-way functionality, allowing networks to build powerful public address and two-way intercom solutions. With crystal clear HD audio functionality across all models and up to a high-fidelity 15W HD speaker, each GSC3500 SIP intercom and paging device has a clear use-case scenario for deployments. All GSC devices support integrated dual-band 802.11 a/b/g/n Wi-Fi and bluetooth functionality, SIP paging and multicast paging, PoE/PoE+ network ports, and full-band and wide-band audio codec support including Opus and G.722.

Product Positioning

Users can easily sculpt state-of-the-art security, PA announcement, and intercom solution by pairing the GSC3500 series with other Grandstream devices, including desktop and cordless IP phones and the GDS series of Facility Access products. Thanks to its modern industrial design and rich features, GSC series intercoms and paging devices are ideal for offices, schools, hospitals, apartments, stores, gyms, and other deployments that require a flexible and affordable intercom or paging solution.

Competitive Features

- Full-duplex speakerphone with HD acoustic chamber, advanced acoustic echo cancellation on higher-end models
- Integrated dual-band Wi-Fi and Bluetooth capabilities
- Full-band and wide-band audio codec support including Opus and G.722
- 2-pin multi-purpose input to support peripherals including call buttons

GSC3500 Series Key Technical Specifications

	GSC3505	GSC3510	GSC3516
Mic and Intercom	N/A	3 directional mics with MMAD & microphone beamforming array	3 directional mics with MMAD & microphone beamforming array and 1 omnidirectional auxiliary microphone
Acoustics	Speaker with HD acoustic chamber	Full-duplex speakerphone with HD acoustic chamber, advanced acoustic echo cancellation	
HD Audio	Full-band and wide-band audio codec support including Opus & G.722		
Network	One 10/100Mbps network port with PoE/PoE+		
Wi-Fi and Bluetooth	Yes		
Speaker	8W High-Fidelity HD Speaker	8W High-Fidelity HD Speaker	15W High-Fidelity HD Speaker

SIP Intercoms and Paging

Advanced Features

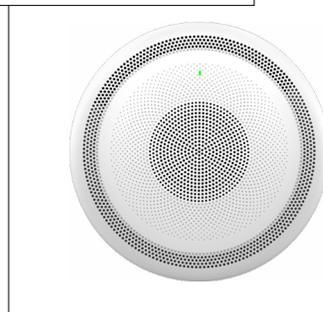
Paging devices are an addition to any facility management solution. The GSC3500 series delivers a suite of advanced features to ensure it is a competitive choice for any network.

- **Integrated Wi-Fi:** All GSC devices have integrated Wi-Fi for low-wire installations
- **PoE:** Every intercom and paging device is equipped with PoE/PoE+ ports to be powered by an ethernet connection
- **2-Pin Multi-purpose Input:** Call buttons and other peripherals can be connected via the 2-pin port to trigger calls upon peripheral input
- **HD Audio:** All devices support full-band and wide-band audio codecs including Opus and G.722, ensuring a crisp and clear paging/intercom experience

Mass Deployment Friendly

Like many of Grandstream's devices, the GDS series is designed to be mass deployment friendly

- **GDMS:** Grandstream's cloud-based provisioning platform enables installers to provision and configure devices before, during, and after deployments via a centralized online platform
- **Cloud Management:** Large deployments of GSC devices can be organized into various sites within GDMS, and then have configuration templates pushed to them based on their designated site

GSC Series SIP Intercoms & Paging *Presentation*



Translations

[English \(PowerPoint\)](#)

[English \(PDF\)](#)

[Spanish \(PowerPoint\)](#)

[Spanish \(PDF\)](#)

GSC Series SIP Intercoms & Paging

Product Messaging - GSC Series

Tagline	SIP Intercom and Paging solutions		
Subhead	The GSC3500 Series allows you to build powerful SIP intercom and paging solutions to expand communication and security in any indoor environment.		
Target Audience	Office buildings, enterprises, schools, healthcare facilities, retail centers, residential settings, warehouses, and other indoor environments.		
Product Description	The GSC3500 Series allows offices, schools, hospitals, apartments and more to build powerful voice intercom solutions that expand security and communication. These devices offer 1 and 2-way voice functionality with HD speakers and multi-directional microphones with a 4.2 meter voice pickup distance. The GSC3500 Series supports a wide-range of peripherals including Bluetooth devices, offers built-in whitelists, blacklists and greylists to easily block unwanted calls, provides integrated dual-band Wi-Fi and includes advanced acoustic echo cancellation. By pairing the GSC device with other Grandstream products, such as our desktop and cordless IP phones, IP PBXs, Wi-Fi APs and facility access systems, users can easily build a customized communication and security solution. Thanks to its' modern industrial design and rich features, the GSC3500 Series are the ideal intercom speaker/ microphone and paging devices for any indoor environment.		
Customer Challenges	A medium to large office building or enterprise campus wants to build a voice intercom or paging network that is easy to install and can be accessed utilizing IP phones, facility access solutions and other endpoints.	A school needs to build or expand a voice intercom and public address solution that allows them to quickly communicate with all or select classrooms/offices to expand communication and provide a critical security protocol.	A hospital or doctors' office needs to install or expand an intercom/ public address solution to quickly and efficiently communicate with medical staff throughout their facility while adding a security element.
Customer Solutions	The GSC3500 Series allows office buildings to easily deploy or expand an intercom and paging network that can be integrated with and accessed from a SIP/ VoIP communications network. These devices, which can also be integrated with Wi-Fi networks, allow employees (with permissions) to utilize the intercom and PA network simply by using their IP phone.	Schools can install GSC3500 Series devices throughout their classrooms, staff offices and hallways that can be utilized for everything from daily announcements to student pickups to emergency situations. By adding these devices to the same network as their voice solution, (permitted) staff can utilize any IP phone in the school to hold 2-way conversations, page or send announcements through the GSC3500 Series.	The GSC3500 Series allows hospitals and medical facilities to build an intercom network throughout the entire facility that makes it quick and easy to communicate with staff around the facility, page doctors or nurses, provide appointment/ status updates to patients, and much more. Permitted staff can utilize any IP phone to initiate a 2-way conversation or send an announcement with the GSC3500 Series.

GSC Series SIP Intercoms & Paging

GSC3506 v2



Multicast Paging Speaker
GSC3506 V2

The GSC3506 V2 is a multicast paging speaker that provides a powerful paging and public address solution to expand security and communication throughout offices, schools, hospitals, apartments, and more. This high-performance SIP speaker offers crystal clear HD audio thanks to a high-fidelity 30-watt HD speaker. The GSC3506 V2 supports SIP and multicast paging, group paging, push-to-talk (PTT), and offers built-in blocklists and allowlists to easily block unwanted calls. Thanks to a sleek design, powerful HD speaker, flexible integrations, and advanced features, the GSC3506 V2 allows users to create a state-of-the-art security and paging solution for any setting.



30W high-fidelity speaker with HD acoustic chamber



Supports SIP paging, multicast paging, call-waiting with priority override, and more



Supports full-band and wide-band audio codecs, including Opus and G.722



1x 3-pin differential line out port



Ports include 1x 2-pin switch-in input, 1x alarm-in input, 1x DC24V, 1x network, and 1x USB port; Keys include volume up/down, and reset



One 10/100Mbps network port with PoE/PoE+/PoE++

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Protocols/Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, RTCP-XR, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, LLDP-MED, SIMPLE, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6, OpenVPN®
Network Interfaces	1x 10/100 Mbps port with integrated PoE/PoE+/PoE++
Auxiliary Ports	1x 2-pin switch-in input port, 1x 2-pin alarm-in input port, 1x differential line out port, 1x network port, 1x DC24V port, volume up and down key (+/-), reset
USB Port	USB 2.0, supports external USB storage devices
Voice Codes and Capabilities	G.711 µA, G.722 (wide-band), G.726-32, iLBC, Opus, G.723, G.729A/B, in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO), VAD, CNQ, PLC, A/B, AGC, ANS
Telephony Features	SIP paging, Multicast paging, Group paging, Push-to-talk (PTT), Call-waiting with priority override
HD Audio	HD speaker with support for full-band audio
Speaker	30W high-fidelity HD speaker (coaxial) Frequency: 110Hz-20000 Hz Sensitivity: Up to 95 dBA at 1W power at 1 meter Maximum Sound Pressure Level (SPL): 99dB
QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
Memory	256MB RAM
Security	User and administrator level passwords, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, secure boot
Multi-language	English, German, French, Spanish, Portuguese, Russian, and Chinese
Upgrade/Provisioning	Firmware upgrade via TFTP / HTTP / HTTPS or local HTTP upload, mass provisioning using GDM5/18069 or AES encrypted XML configuration file
Power & Green Energy Efficiency	2-pin DC input: 24VDC / 2.5A Integrated PoE 802.3af Class 3, PoE+ 802.3at Class 4, PoE++ 802.3bt Class 6
Temperature and Humidity	Operation: 0°C to 45°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing
Package Content	GSC3506 V2, mounting hole cut-out template, ceiling mount kit (optional), quick installation guide
Physical	Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight: 2.14kg, Box Weight: 2.76kg FCC: FCC 47 CFR Part 15 Subpart B IC: ICES-003
Compliance	CE: EN 55032:EN 55035; EN IEC 61000-3-2; EN 61000-3-3; EN IEC 62368-1 UKCA: BS EN 55032:BS EN 55035; BS EN IEC 61000-3-2; BS EN 61000-3-3; BS EN IEC 62368-1 RCM: AS/NZS CISPR 32:AS/NZS 62368.1

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Translations

[English](#)

[French](#)

[German](#)

[Italian](#)

[Polish](#)

[Portuguese](#)

[Russian](#)

[Spanish](#)

GSC Series SIP Intercoms & Paging

GSC3516




SIP/Multicast Talk-Back Speaker GSC3516

The GSC3516 is a SIP/Multicast Talk-Back Speaker that allows offices, schools, hospitals, apartments and more to build powerful voice intercom solutions that expand security and communication. This robust SIP intercom device offers 2-way voice functionality with both a high-fidelity 15W HD speaker and 3 directional microphones with Multichannel Microphone Array Design (MMAD) and 1 omnidirectional auxiliary microphone that offer a 4.2 meter pickup distance. The GSC3516 supports a wide-range of peripherals including Bluetooth devices, built-in whitelists, blacklists and greylists to easily block unwanted calls, integrated dual-band Wi-Fi and advanced acoustic echo cancellation. By pairing the GSC3516 with other Grandstream devices, including desktop and cordless IP phones as well as the GDS series of Facility Access products, users can easily sculpt a state-of-the-art security and voice intercom solution. Thanks to its modern industrial design, cleanable exterior surface and rich features, the GSC3516 is the ideal intercom speaker/microphone for any setting.



Full-duplex speakerphone with HD acoustic chamber, advanced acoustic echo cancellation



3 directional mics with MMAD & microphone beamforming array and 1 omnidirectional auxiliary microphone



Full-band and wide-band audio codec support including Opus & G.722



Integrated dual-band 802.11 a/b/g/n/ac Wi-Fi and Bluetooth



One 10/100Mbps network port with PoE/PoE+



2-pin multi-purpose input to support peripherals including call buttons

Protocols/Standards	SIP RFC2261, TCP/IP/UDP, RTP/RTCP, RTCP-XR, HTTP/HTTPS, ARP, ICMP, DNS (A record), SRV, NAPTR, DHCP, PPPoE, SSH, TFTP, NTP, STUN, LLDP-MED, SIMPLE, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6, OpenVPN®
Network Interfaces	One 10/100 Mbps port with integrated PoE/PoE+
Operating System	Linux
Bluetooth	Yes, integrated. Bluetooth 2.1+Enhanced Data Rate (EDR)+ BT4.2
Wi-Fi	Yes, dual-band 2.4 & 5GHz with 802.11 a/b/g/n/ac
Auxiliary Port	One 2-pin multi-purpose input port, Reset
Voice Codecs and Capabilities	G.711µ/a, G.722 (wide-band), G.726-32, iLBC, Opus, G.723, G.729A/B, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, A/B, AGC, ANS
Telephony Features	SIP Paging, Multicast Paging, Group Paging, PTT, Call-waiting with priority override, Bluetooth SCO call
HD Audio	Yes, HD speakerphone with support for full band audio with 48KHz voice sampling frequency
Speaker	15W high-fidelity HD speaker Frequency: 110Hz-20000 Hz Sensitivity: Up to 90 dBA at 1W power at 0.5 meter
Microphone	3 directional microphones with beam-forming capability and 1 omnidirectional auxiliary microphone that offer a 4.2 meter pickup distance
QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
Security	User and administrator level passwords, MDS and MDS-less based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, secure boot
Multi-language	English, German, French, Spanish, Portuguese, Russian & Chinese
Upgrade/Provisioning	Firmware upgrade via TFTP / HTTP / HTTPS or local HTTP upload, mass provisioning using GDM5/TR069 or AES encrypted XML configuration file
Power & Green Energy Efficiency	Integrated PoE*, 802.3af Class 3, PoE+ 802.3at Class 4
Temperature and Humidity	Operation: 0°C to 45°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing
Package Content	GSC3516 SIP/Multicast Talk-Back Speaker, mounting kits, quick installation guide Unit Dimensions: 257mm (diameter) x 68.5mm (depth)
Physical	Unit Weight: 0.92kg, Box Weight: 1.75kg
Compliance	FCC: FCC 47 CFR Part 15 Subpart B; FCC 47 CFR Part 15 Subpart C; FCC 47 CFR Part 15 Subpart E. IC: ICES-003; RSS-247 Issue 2; RSS-Gen Issue 5; RSS-102 Issue 5. CE: ETSI EN 300 328; ETSI EN 301 893; ETSI EN 300 440; ETSI EN 301 489-1; ETSI EN 301 489-3; ETSI EN 301 489-17; EN 55032; EN 55035; EN IEC 61000-3-2; EN 61000-3-3; EN IEC 62311; EN IEC 62368-1. UKCA: ETSI EN 300 328; ETSI EN 301 893; ETSI EN 300 440; ETSI EN 301 489-1; ETSI EN 301 489-3; ETSI EN 301 489-17; BS EN 55032; BS EN 55035; BS EN IEC 61000-3-2; BS EN 61000-3-3; BS EN IEC 62311; BS EN IEC 62368-1. RCM: AS/NZS CISPR 32; AS/NZS 62368.1; AS/NZS 4268; AS/NZS 2772.2.

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Translations

[English](#)

[French](#)

[German](#)

[Italian](#)

[Polish](#)

[Portuguese](#)

[Russian](#)

[Spanish](#)

GSC Series SIP Intercoms & Paging

GSC3518HS



GSC3518HS

SIP/Multicast Talk-Back Horn Speaker



The GSC3518HS is a SIP/multicast talk-back horn speaker that provides crystal clear HD audio, a high-fidelity 50-Watt speaker, and IP66-rated water and dust protection. Ideal for outdoor campuses, public spaces, large offices, school playgrounds, hospitals, parks, warehouses, and more, the GSC3518HS provides a powerful outdoor announcement solution that expands security and communication. This high-powered SIP speaker includes 3 microphones, AI-based background noise reduction, and intelligent text-to-speech to ensure every word is heard clearly in talk-back scenarios. The GSC3518HS supports PoE++ input and PoE+ output, catering to device cascading scenarios. Thanks to its' modern industrial design and extensive features, the GSC3518HS is an ideal SIP talk-back horn speaker for any setting, allowing users to easily build a powerful intercom, security, and public-address announcement solution.



High-powered 50W speaker with maximum volume up to 126dBA for expansive coverage



Supports SIP paging, multicast paging, call-waiting with priority override, and more



Full-band and wide-band audio codec support, including Opus & G.722



1x 10/100Mbps network port with PoE/PoE+/PoE++ input, and 1x 10/100Mbps network port with PoE/ PoE+ output



Includes differential LINE IN and LINE OUT connections



3 microphones, AI noise reduction, intelligent text-to-speech (TTS) support



Supports Airplay, ONVIF, RTSP/HTTP streaming, local audio files, and mobile app playback



IP66-rated waterproof and dustproof; made with durable PC + ABS material and a stainless steel mounting bracket to support harsh outdoor environments

Translations

[English](#)

[French](#)

[German](#)

[Italian](#)

[Polish](#)

[Portuguese](#)

[Russian](#)

[Spanish](#)

GSC Series SIP Intercoms & Paging

Use the editable template to customize your own social image by adding your logo, or create your own using the elements provided below. Photoshop files as well as PNGs are provided for each product. For paid social promotion it is recommended to use social images with limited to no text.



Social Image w/o Text

[GSC Series \(PNG\)](#)
[GSC3506_v2 \(PNG\)](#)
[GSC3516 \(PNG\)](#)
[GSC3518HS \(PNG\)](#)



Social Image w/ Text

[GSC Series \(PSD\)](#) [GSC3516 \(PSD\)](#)
[GSC Series \(PNG\)](#) [GSC3516 \(PNG\)](#)

[GSC3506_v2 \(PSD\)](#) [GSC3518HS \(PSD\)](#)
[GSC3506_v2 \(PNG\)](#) [GSC3518HS \(PNG\)](#)



Suggested Social Post Copy

[GSC3506_v2 \(Word\)](#)
[GSC3516 \(Word\)](#)
[GSC3518HS \(Word\)](#)

GSC Series SIP Intercoms & Paging

Marketing Assets - GSC3506 v2

Product Images

- [GSC3506v2_1](#)
- [GSC3506v2_2](#)
- [GSC3506v2_3](#)
- [GSC3506v2_4](#)
- [GSC3506v2_5](#)
- [GSC3506v2_6](#)



GSC3506v2_1



GSC3506v2_2



GSC3506v2_3



GSC3506v2_4



GSC3506v2_5



GSC3506v2_6

Feature Icons

- [Speaker](#)
- [HD Audio](#)
- [Configuration](#)
- [PoE](#)
- [Integrated Ports](#)



Speaker



HD Audio



Configuration



PoE



Integrated Ports

GSC Series SIP Intercoms & Paging

Marketing Assets - GSC3516

Product Images

- [GSC3516_1](#)
- [GSC3516_2](#)
- [GSC3516_3](#)
- [GSC3516_4](#)
- [GSC3516_5](#)
- [GSC3516_6](#)



GSC3516_1



GSC3516_2



GSC3516_3



GSC3516_4



GSC3516_5



GSC3516_6

Feature Icons

- [Speaker](#)
- [HD Audio](#)
- [Wi-Fi](#)
- [Bluetooth](#)
- [PoE](#)
- [Integrated Ports](#)
- [Microphone](#)



Speaker



HD Audio



Wi-Fi



Bluetooth



PoE



Integrated Ports



Microphone

GSC Series SIP Intercoms & Paging

Marketing Assets - GSC3518HS

Product Images

- [GSC3518HS_1](#)
- [GSC3518HS_2](#)
- [GSC3518HS_3](#)
- [GSC3518HS_4](#)
- [GSC3518HS_5](#)
- [GSC3518HS_6](#)
- [GSC3518HS_7](#)
- [GSC3518HS_8](#)
- [GSC3518HS_9](#)
- [GSC3518HS_10](#)



GSC3518HS_1



GSC3518HS_2



GSC3518HS_3



GSC3518HS_4



GSC3518HS_5



GSC3518HS_6



GSC3518HS_7



GSC3518HS_8



GSC3518HS_9



GSC3518HS_10

Feature Icons

- [Weatherproof](#)
- [Streaming Services](#)
- [Paging](#)
- [AI](#)
- [Line In/Out](#)
- [Speaker](#)
- [HD Audio](#)
- [PoE](#)



Weatherproof



Streaming Services



Paging



AI



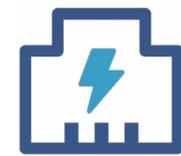
Line In/Out



Speaker



HD Audio



PoE