Partner Marketing Kit



GSC Series Intercom & Paging Solutions

GSC Series SIP Intercoms & Paging *Table of Contents*

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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 it's modern industrial design, cleanable exterior surface and rich features, the GSC series is the ideal intercom and paging device for any setting.

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.

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 The GSC Series of SIP Intercoms and Speakers allows offices, schools, hospitals, apartments, and more to build powerful voice intercomand paging solutions that help expand security and communication. This portfolio of devices offers both one-way and 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 arb/g/n Wi-Fl 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 advanced acoustic echo cancellation on higher-end Grandstream devices, including desktop and cordless IP phones and the GDS series of Facility Access products. Thanks to its modern devices are ideal for offices, schools, hospitals, apartments, stores, gyms, and other deployments that require a flexible and affordable

Competitive Features

- 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

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	

P Intercoms and Paging

addition to any cility management

GSC3510, and

e features to osen a complete

Advanced Features

The GSC3500 series delivers a suite of advanced features to

· 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

- GDMS: Grandstream's cloudbased provisioning platform enables installers to provision and configure devices before, during,
- 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



Translations

English

Spanish



Presentation



Translations

English (PowerPoint)

English (PDF)

Spanish (PowerPoint)

Spanish (PDF)

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 voce 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.		



1-Way Public Address SIP Speaker

The GSC3505 is a 1-way public address SIP speaker that allows offices, schools, hospitals, apartments and more to build powerful public address announcement solutions that expand security and communication. This robust SIP speaker offers crystal clear HD audio functionality with a high-fidelity 8-Watt HD speaker. The GSC3505 supports Bluetooth devices, a built-in whitelist and blacklists to easily block unwanted calls, SIP and multicast paging, and integrated dual-band WI-II. By pairing the GSC3505 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 PA announcement solution. Thanks to its modern industrial design and rich features, the GSC3505 is the ideal SIP speaker for any setting.







Full-band audio cod including





SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFIP, NTP, STUN, LLDP-MED, TR-069, 802.1x, TLS, SRIP, IPN6, OpenVPN® Network Interfaces One 10/100 Mbps port with integrated PoE/PoE+ Bluetooth Yes, integrated. Bluetooth 4.0 + EDR Wi-Fi Yes, dual-band 2.4 & 5GHz with 802.11 a/b/g/n, WMM Voice Codecs and Capabilities G.711 µ/a, G.722 (wide-band), 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 Telephony Features SIP Paging, Multicast Paging, call-waiting with priority override HD Audio Yes, HD speaker with support for full-band audio Speaker 8W high-fidelity HD speaker QoS Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS User and administrator level passwords, MD5 and MD5-sess based authentication, Security 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access Multi-language English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, Chinese, Korean, Japanese, and more Upgrade/Provisioning Firmware upgrade via TFTP / HTTP / HTTPS or local HTTP upload, mass provisioning using 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 40°C Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing Package Content GSC3505 SIP Speaker, PoE injector, mounting kits, quick installation guide, brochure, GPL license Physical Unit Dimensions: 215.32mm (diameter) x 68.7mm (depth) Unit Weight: 0.8kg, Box Weight: 1.39kg FCC: Part 15 (CFR 47) Class B; UL 60950 (power adapter); FCC Part 15C, FCC Part Tel. 19 (LFR-47) (LBSS S), UE 00390 (power adaptae), FCC Falt 15C, FCC Falt 15E, MPE CE : EN 55032; EN 55024; EN 61000-3-2; EN 61000-3-3; EN 60950-1; EN 301 489-117; EN 300 328; EN 301 893; EN 62311; Rob15 RCM: AS/NZS CISPR 32/24; AS/NZS 60950.1; AS/NZS 4268 IC: (LES 003, RSS 247, RSP-100, RSS 102

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www.grandstream.com

Translations

English

French

German

Italian

<u>Portuguese</u>

Russian

Spanish

7

GSC3506



SIP/Multicast Intercom Speaker GSC3506

The GSC3506 is a 1-way public address SIP speaker that allows offices, schools, hospitals, apartments and more to build powerful public address announcement solutions that expand security and communication. This robust SIP speaker offers crystal clear HD audio functionality with a high-fidelity 30-Watt HD speaker. The GSC3506 support built-in whitelists ,blacklists and greylists to easily block unwanted calls, SIP and multicast paging, group paging and PTT. users can easily sculpt a state-of-the-art security and PA announcement solution. Thanks to its modern industrial design and rich features, the GSC3506 is the ideal SIP speaker for any setting.



Speaker with HD acoustic



Features SIP paging. multicast paging, call-waiting with priority



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





One 10/100Mbps network port with PoE/

Network Interfaces One 10/100 Mbps port with integrated PoE/PoE+

Auxiliary Port One 2-pin switch-in input port, one Alarm-in input port, vol+/- Key, reset, one

USB Port USB2.0, External USB Storage

Telephony Features SIP Paging, Multicast Paging, Group Paging, PTT, call-waiting with priority override

HD Audio Yes, HD speaker with support for full-band audio

30W high-fidelity HD speaker(coaxial)

Speaker Frequency: 110Hz-20000 Hz
Sensitivity: Up to 95 dBA at 1W power at 1 meter

QoS Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS

User and administrator level passwords, MD5 and MD5-sess based authentication, **Security** 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 GDMS/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 65C3505, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick instal-lation guide

Physical Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight: 2.09kg , Box Weight: 2.76kg

FCC: FCC 47 CFR Part 15 Subpart B

Compliance UKCA: BS EN 55032; EN 1EC 61000-3-2; EN 61000-3-3; EN 1EC 62368-1. UKCA: BS EN 55032;BS EN 55035;BS EN 1EC 61000-3-2;BS EN 61000-3-3;BS EN 1EC RCM: AS/NZS CISPR 32:AS/NZS 62368.1

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Translations

English



SIP Intercom Speaker/Microphone

The GSC3510 is a SIP intercom speaker and microphone 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 8W HD speaker and 3 directional microphones with Multichannel Microphone Array Design (MMAD) that offer a 4.2 meter pickup distance. The GSC3510 supports a wide-range of peripherals including Bluetooth devices, built-in whitelist and blacklists to easily block unwanted calls, integrated dual-band Wi-Fi and advanced acoustic echo cancellation. By pairing the GSC3510 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 it's modern industrial design and rich features, the GSC3510 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



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



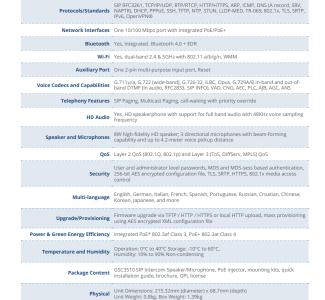
Integrated dual-band 802.11 a/b/g/n Wi-Fi



One 10/100Mbps network port with PoE/



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



Translations

English

French

German

Italian

Portuguese

Russian

Spanish

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FCC: Part 15 (CFR 47) Class B; UL 60950 (power adapter); FCC Part 15C, FCC Part 15E, MPE

Compliance

CE: EN 55032; EN 55024; EN 61000-3-2; EN 61000-3-2; EN 60950-1; EN 301 489-177; EN 300 328; EN 501 892; EN 62311; RoHS

RCM: AS/NZS CISPR 32/24; AS/NZS 60950.1; AS/NZS 4268

IC: ICES 503, RSS 247, RSP-100, RSS 104



2-pin multi-purpose input to support peripherals

including call buttons

Protocols/Standards SIP RFC3261, TCP/IP/L/IDP, 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, Open/PN® Network Interfaces One 10/100 Mbps port with integrated PoE/PoE+ 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.711µB, G.722 (wide-band), G.726-32, IBC, Opus, G.723, G.729A/B, in-band and out-ofband DTMF (in audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS Telephony Features SIP Paging, Multicast Paging, Group Paging, PTT, Call-waiting with priority over-ride, Bluetooth SCO call HD Audio Yes, HD speakerphone with support for full band audio with 48KHz voice sam-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 User and administrator level passwords, MD5 and MD5-sess based authentica Security tion, 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 GDMS/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 Physical Unit Dimensions: 257mm (diameter) x 68.5mm (depth) Unit Weight: 0.92kg , Box Weight: 1.75kg FCC: FCC 47 CFR Part 15 Subpart B;FCC 47 CFR Part 15 Subpart C;FCC 47 CFR Part 15 Suppart 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 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 UNCA: E13 EN 300 489-3;ETSI EN 301 489-17;BS EN ES 55032;BS EN SEC 51000-3-2;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.

Translations

English

French

German

Italian

Polish

Portuguese

Russian

Spanish

(Feat) One 10/100Mbps

network port with PoE/

802.11 a/b/g/n/ac Wi-Fi

Social Graphics

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/ Text

GSC Series (PSD) GSC3510 (PSD) GSC Series (PNG) GSC3510 (PNG)

<u>GSC3505 (PSD)</u> <u>GSC3516 (PSD)</u> <u>GSC3505 (PNG)</u> <u>GSC3516 (PNG)</u>

GSC3506 (PSD) GSC3506 (PNG)

Social Image w/o Text

GSC Series (PNG) GSC3506 (PNG) GSC3505/GSC3510 (PNG) GSC3516 (PNG)



Suggested Social Post Copy

<u>GSC3506 (Word)</u> <u>GSC3505/GSC3510 (Word)</u> <u>GSC3516 (Word)</u>

Marketing Assets - GSC3505/GSC3510

Product Images

GSC3505/GSC3510-1 GSC3505/GSC3510-2 GSC3505/GSC3510-3 GSC3505/GSC3510-4 GSC3505/GSC3510-5



GSC3505/GSC3510-1



GSC3505/GSC3510-2



GSC3505/GSC3510-3



GSC3505/GSC3510-4



GSC3505/GSC3510-5

Feature Icons

Auto Configuration
Speaker
HD Audio
Wi-Fi
Bluetooth
PoE
Integrated Ports
Microphone



Auto Configuration



Speaker



HD Audio



Wi-Fi









Marketing Assets - GSC3506

Product Images

GSC3506-1

GSC3506-2

GSC3506-3

GSC3506-4

GSC3506-5

GSC3506-6



GSC3506-1



GSC3506-2



GSC3506-3



GSC3506-4



GSC3506-5



GSC3506-6

Feature Icons

Speaker
HD Audio
Configuration
PoE
Integrated Ports
Microphone



Speaker



HD Audio



Configuration





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





Feature Icons

Speaker
HD Audio
Wi-Fi
Bluetooth
PoE
Integrated Ports
Microphone



Speaker



HD Audio



Wi-Fi



Bluetooth





