Partner Marketing Kit

GSC3500 Series - August 2019

Agenda

About the **GSC3510 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.

French	Italian	Russian
German	Portuguese	Spanish

About the **GSC3505 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-Fi. 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.

French   Italian   Russian

German   Portuguese   Spanish

Messaging Strategy

GSC3510

Tagline	SIP Intercom Speaker/Microphone
Subhead	*SIP Intercom Speaker/Microphone with 2-way voice functionality to build a powerful intercom solution that expands security and communication*
Positioning	Build a powerful intercom solution that expands security and communication 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.
Key Differentiators	• Wireless SIP speaker/microphone • 8W high fidelity speaker • 3 directional microphones with multichannel microphone array design, beam forming, and up to 4.2m voice pickup distance • Integrated dual-band Wi-Fi and Bluetooth, network port with PoE • 20KHz full band audio (including full band Opus and wide band G.722 codec support) • Advanced acoustic echo cancellation for full duplex 2-way audio

French   Italian   Russian

German   Portuguese   Spanish

Messaging Strategy

GSC3505

Tagline	1 - Way Public Address SIP Speaker
Subhead	*A one-way SIP speaker to build powerful public address announcement solutions that expand security and communication*
Positioning	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.
Key Differentiators	• Speaker with HD acoustic chamber • Features SIP paging, multicast paging, call waiting with priority override • Full-band and wide-band audio codec support including Opus & G.722 • Integrated dual-band 802.11 a/b/g/n Wi-Fi and Bluetooth • One 10/100Mbps network port with PoE/PoE+

French   Italian   Russian

German   Portuguese   Spanish

GSC3510 Datasheet

SIP Intercom Speaker/Microphone

GSC3510

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 WiFi and Bluetooth

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

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

Protocols/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®
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
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.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 speakerphone with support for full band audio with 48KHz voice sampling frequency
Speaker and Microphones	8W high-fidelity HD speaker; 3 directional microphones with beam-forming capability and up to 4.2-meter voice pickup distance
QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
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
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	GSC3510 SIP Intercom Speaker/Microphone, 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
Compliance	FCC: Part 15 (CFR 47) Class B; UL 60950 (power adapter); FCC Part 15C, FCC Part 15E, MPE CE : EN 55032; EN 55024; EN 61000-3-2; EN 61000-3-3; EN 60950-1; EN 301 489-1/17; EN 300 328; EN 301 893; EN 62311; RoHS RCM: AS/NZS CISPR 32/24; AS/NZS 60950.1; AS/NZS 4268 IC: ICES 003, RSS 247, RSP-100, RSS 102

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Translations

GSC3505 Datasheet

1-Way Public Address SIP Speaker
GSC3505

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-Fi. 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.

Speaker with HD acoustic chamber

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

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

Integrated dual-band 802.11 a/b/g/n WiFi and Bluetooth

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

Protocols/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®
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.711μ/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
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
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
Compliance	FCC: Part 15 (CFR 47) Class B; UL 60950 (power adapter); FCC Part 15C, FCC Part 15E, MPE CE : EN 55032; EN 55024; EN 61000-3-2; EN 61000-3-3; EN 60950-1; EN 301 489-1/17; EN 300 328; EN 301 893; EN 62311; RoHS RCM: AS/NZS CISPR 32/24; AS/NZS 60950.1; AS/NZS 4268 IC: ICES 003, RSS 247, RSP-100, RSS 102

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Translations

English

French

German

Italian

Portuguese

Russian

Spanish

GSC3510 Series Sell Sheet

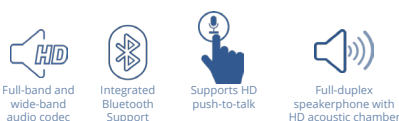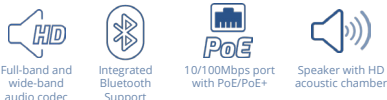## GSC3510
SIP Intercom Speaker/Microphone

About the GSC3510

The GSC3510 is a robust SIP intercom speaker and microphone device offering voice functionality with both a high-fidelity 8W HD speaker and 3 directional microphones. The GSC3510 supports a wide-range of peripherals including Bluetooth devices, built-in whitelist and blacklists to easily block unwanted calls, intregrated dual-band WiFi and advanced acoustic echo cancellation.

Product Positioning

The GSC3510 allows offices, schools, hospitals, apartments and more to build powerful voice intercom solutions that expand security and communication. 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.

Competitive Features

- 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
- Integrated dual-band 802.11 a/b/g/n WiFi
- Integrated Bluetooth support
- One 10/100 Mbps network port with PoE/PoE+
- Web-UI access for control and configurations

Full-band and wide-band audio codec

Integrated Bluetooth Support

Supports HD push-to-talk

Full-duplex speakerphone with HD acoustic chamber

GSC3510 Key Technical Specifications

Network Interfaces	One 10/100 Mbps port with integrated PoE/PoE+
Bluetooth	Yes, Integrated. Bluetooth 4.0 + EDR
WiFi	Yes, Dual-band 2.4 & 5GHz with 802.11 a/b/g/n, WMM
HD Audio	Yes, HD speakerphone with support for full-band audio
Security	User and administrator level passwords, MD5 and MD5-sess based authentication
Temperature and Humidity	Operation: 0°C to 40°C Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing
Voice Codecs	G.711μ/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

GRANDSTREAM

Translations

GSC3505 Series Sell Sheet

GSC3505
1-Way Public Address SIP Speaker

About the GSC3505

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 expands security and communication. This robust SIP speaker offers crystal clear HD audio functionality with a high-fidelity 8W 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 WiFi.

Product Positioning

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.

Competitive Features

- Speaker with HD acoustic chamber
- Features SIP paging, multicast paging, call-waiting with priority override
- Full-band and wide-band audio codec support
- Integrated dual-band 802.11 a/b/g/n WiFi
- Integrated Bluetooth support
- One 10/100 Mbps network port with PoE/PoE+
- Web-UI access for control and configurations

Full-band and wide-band audio codec	Integrated Bluetooth Support	10/100Mbps port with PoE/PoE+	Speaker with HD acoustic chamber

GSC3505 Key Technical Specifications

Network Interfaces	One 10/100 Mbps port with integrated PoE/PoE+
Bluetooth	Yes, Integrated. Bluetooth 4.0 + EDR
WiFi	Yes, Dual-band 2.4 & 5GHz with 802.11 a/b/g/n, WMM
HD Audio	Yes, HD speaker with support for full-band audio
Security	User and administrator level passwords, MD5 and MD5-sess based authentication
Temperature and Humidity	Operation: 0°C to 40°C Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing
Voice Codecs	G.711μ/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

Translations

GSC Battle Cards

GSC3510 SIP Intercom Speaker/Microphone

The GSC3510 is a SIP intercom speaker/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.

Competitive Features
- Full-duplex speakerphone with HD acoustic chamber
- 3-directional mics
- Full-band and wide-band audio codec
- Integrated dual-band 802.11 a/b/g/n Wi-Fi
- Integrated Bluetooth support
- Web-UI access for control/configurations
- One 10/100Mbps port with PoE/PoE+
- 2-pin multi-purpose input

Full-duplex speakerphone

Integrated dual-band Wi-Fi

3-directional microphones

Integrated Bluetooth 4.0

	GSC3510	Cyberdata 011272 SIP Indoor	Cyberdata 011186 SIP Outdoor
Network Interfaces	One 10/100 Mbps port with integrated PoE/PoE+	10/100 Mbps	10/100 Mbps
Power	Integrated PoE/PoE+	PoE 802.3af compliant or +8 to +12VDC @ 1000mA Regulated Power Supply (not included)	PoE 802.3af compliant or +8 to +12VDC @ 1000mA regulated power supply (not included)
Bluetooth	Yes, Integrated. Bluetooth 4.0 + EDR	No	No
Wi-Fi	Yes, Integrated dual-band 802.11 a/b/g/n Wi-Fi		
Audio	Full-band and wide-band audio codec support	Full duplex voice operation	Full duplex voice operation
Security	SSL/TLS 1.2, AES256, SRTP, HTTPS, 802.1x media access control and in-band authentication	TLS/SSL 1.2	TLS/SSL 1.2
Temperature and Humidity	Operation: 0°C to 40°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing	Operation: -40°C to 55°C, Storage: -40°C to 70°C, Humidity: 5% to 95% Non-condensing	Operation: -40°C to 55°C, Storage: -40°C to 70°C, Humidity: 5% to 95% Non-condensing
Voice Codecs	G.711μ/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	G.711 a-Law, G.711 μ-Law, G.722 and G.729	G.711 a-Law, G.711 μ-Law, G.722 and G.729
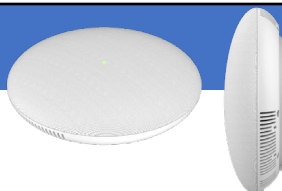
GSC3505 1-Way Public Address SIP Speaker

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 expands security and communication. This SIP speaker offers crystal clear HD audio functionality with a high-fidelity 8W 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-Fi.

Competitive Features
- Speaker with HD acoustic chamber
- SIP paging, multicast paging, call-waiting with priority override
- Full-band and wide-band audio codec
- Integrated dual-band 802.11 a/b/g/n Wi-Fi
- Integrated Bluetooth support
- Web-UI access for control/configurations
- One 10/100Mbps port with PoE/PoE+

8W high fidelity HD speaker

Integrated dual-band Wi-Fi

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

Integrated Bluetooth 4.0

	GSC3505	Cyberdata 011394 IP Ceiling Speaker	Cyberdata 011401 SIP Tile Speaker
Network Interfaces	One 10/100 Mbps port with integrated PoE/PoE+	10/100 Mbps	10/100 Mbps
Power	Integrated PoE/PoE+	Powered via PoE (802.3AF or 802.3AT) or 24V auxiliary power supply	Powered via PoE (802.3AF or 802.3AT) or 24V auxiliary power supply (not included)
Bluetooth	Yes, Integrated. Bluetooth 4.0 + EDR	No	No
Wi-Fi	Yes, Integrated dual-band 802.11 a/b/g/n Wi-Fi		
Audio	HD Speaker: Full-band and wide-band audio codec support	Plays audio from Multicast, external volume control, high efficiency speaker driver	802.3af - SPL 109.2 dB @ 1 meter 802.3at - SPL 111.9 dB @ 1 meter IGMP I SIP endpoint or Multicast group member
Security	SSL/TLS 1.2, AES256, SRTP, HTTPS, 802.1x media access control and in-band authentication	TLS/SSL 1.2, HTTPS or HTTP	TLS/SSL 1.2
Temperature and Humidity	Operation: 0°C to 40°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing	Operation: -30 to 55 C (-22 to 131 F), Storage: -40°C to 70°C, Humidity: 5% to 95% Non-condensing	Operation: -10 C to 50 C (14 F to 122 F), Storage: -40°C to 70°C, Humidity: 5% to 95% Non-condensing
Voice Codecs	G.711μ/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	Support for G.722 codecs	Support for G.722 codecs
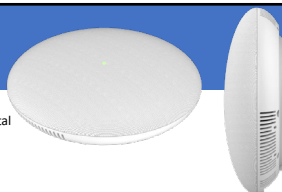
GSC Series Ready-Made Campaign

Email

GSC Email (PDF)
GSC Email (InDesign)
GSC Email Text Copy (Word)
Email Banner Grandstream Branded (PNG)
Email Banner non-branded (PNG)
Email Banner (PSD)
Deployments Image (PNG)

Press Release

Grandstream Introduces New Series of SIP Intercom Solutions (Word)

GSC Series Ready-Made Campaign-Social

Paid and Non-Paid Social Images

GSC_Grandstream Branded (PNG)
GSC_ non-branded (PNG)
GSC_no text (PNG)
GSC Social Image (PSD)

Video Social Post
(to Download click the three dots on the
bottom right-hand corner of the video)
GSC3500 Series Animated Video

Paid and Non-Paid Social Copy
Paid and Non-Paid Copy Suggestions

SIP Intercom Series
GSC3510 & GSC3505

GSC Series Ready-Made Campaign- Web Banners

Paid and Non-Paid Banner Ads

GSC Banner_300x250 (Ai)
GSC Banner_300x250 (PNG)

GSC Banner_300x600 (Ai)
GSC Banner_300x600 (PNG)

GSC Banner_728x90 (Ai)
GSC Banner_728x90 (PNG)

GSC Series PowerPoint Presentation

Use this PowerPoint presentation to provide a detailed overview of the new Intercom series from Grandstream. This presentation covers, technical specifications, use-case verticals, and deployment scenarios.

Translations

English (PowerPoint)

English (PDF)

SIP Intercom Series

GSC3510 & GSC3505

GRANDSTREAM
CONNECTING THE WORLD

Product Images

1. Product Images

2. Datasheet Feature Icons GSC3505

3. Datasheet Feature Icons GSC3510
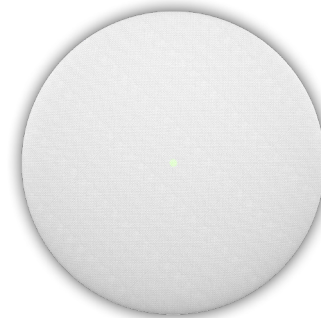
GSC3500-1

GSC3500-2

GSC3500-3

GSC3500-4

GSC3500-5