

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 chamber



Features SIP paging, multicast paging, callwaiting with priority override



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



1x 2-pin switch-in input port, 1x Alarm-in input port, vol+/- Key, reset, 1x network port, 1x USB port



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

SIP RFC3261, TCP/IP/LDP, RTP/RTCP, RTCP-XR;HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPOE, SSH, TPP, XTP, STUN, LLDP-MED, SIMPLE, LDAP, TR-696, 302.1x, TLS, SRTP, IPP6, Open/BrN98 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 network port USB Port USB2.0, External USB Storage 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-ofband DTMF (in audio, RFC2833, SIP INFO), VAD, CNG, PLC, AJB, AGC, ANS 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) Frequency: 110Hz-20000 Hz Sensitivity. Up to 95 BdB at 1W power at 1 meter Qos Layer 2 Qos (802.10, 802.1p) and Layer 3 (Tos, Diffserv, MPLS) Qos 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 TETP / 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 GSC3506, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick installation guide Physical Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight-2.09kg, Box Weight: 2.76kg Compliance Compliance Compliance Compliance Compliance Compliance Compliance ASN/ISS CISPR 32-AS/NZ5 62368.1		
Auxiliary Port One 2-pin switch-in input port, one Alarm-in input port, vol+/- Key, reset, one network port USB Port USB2.0, External USB Storage 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-ofband DTMF (in audio, RFC2833, SIP INFO), VAD, CNG, PLC, AJB, AGC, ANS 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) Frequency: 110Hz-20000 H2 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 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 & Chinese Upgrade/Provisioning Firmware upgrade via TFTP / HTTP / HTTP 5 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* 802.3af 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 GSC3506, Mounting hole cut-Out template, Celling mount kit(optional), Quick installation guide Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight: 2.09kg , Box Weight: 2.76kg FCC: FCC 47 CER Part 15 Subpart B IC: ICES-003 ET. S5032;BS EN IEC 61000-3-2;BS EN 161000-3-3;BS EN IEC 62368-1. UKCA: BS EN 55032;BS EN IEC 61000-3-2;BS EN 61000-3-3;BS EN IEC 62368-1.	Protocols/Standards	record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, LLDP-MED, SIMPLE,
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-ofband DTMF (in audio, RFC2833, SIP INFO), VAD, CNG, PLC, AJB, AGC, ANS 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) 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, 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 / HTTP S 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 Package Content GSC3506, Mounting hole cut-Out template, Celling mount kit(optional), Quick installation guide Physical Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight: 2.76kg FCC: FCC 47 CFR Part 15 Subpart B IC: ICES-003 CE: EN 55032:EN 55035; EN IEC 61000-3-2; EN 61000-3-3; EN IEC 62368-1. UKCA: BS EN 55032:BS EN 15C0 61000-3-2; EN 61000-3-3; BS EN IEC 62368-1. UKCA: BS EN 55032:BS EN 15C0 61000-3-2; EN 61000-3-3; BS EN IEC 62368-1.	Network Interfaces	One 10/100 Mbps port with integrated PoE/PoE+
Voice Codecs and Capabilities G.711 µ/a, G.722 (wide-band), G.726-32, iLBC, Opus, G.723, G.729A/B, in-band and out-ofband DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, PLC, AJB, AGC, ANS 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 Speaker 30W high-fidelity HD speaker(coaxial) Frequency: 110 ltz-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 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 & 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 Operation: 0°C to 45°C Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing Package Content GSC3506, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick installation guide Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight: 2.09kg , Box Weight: 2.76kg Compliance Compliance Compliance Compliance	Auxiliary Port	
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) 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 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 & 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 Operation: 0°C to 45°C Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing Package Content GSC3506, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick installation guide Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight: 2.09kg , Box Weight: 2.76kg FCC: FCC 47 CFR Part 15 Subpart B IC: ICES-003 CE: EN 55032:EN 55035; EN IEC 61000-3-2; EN 61000-3-3; EN IEC 62368-1. UKCA: BS EN 55032;BS EN 155035;BS EN IEC 61000-3-2;BS EN 61000-3-3;BS EN IEC 62368-1.	USB Port	USB2.0, External USB Storage
### Audio Yes, HD speaker with support for full-band audio ### Speaker ### Speake	Voice Codecs and Capabilities	
Speaker Spe	Telephony Features	SIP Paging, Multicast Paging, Group Paging, PTT, call-waiting with priority override
Speaker Frequency: 110ftz-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, 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 GSC3506, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick installation guide Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight: 2.09kg , Box Weight: 2.76kg Compliance Compliance CE: EN 55032:EN 55035; EN IEC 61000-3-2; EN 61000-3-3; EN IEC 62368-1. UKA: BS EN 55032; BS EN 55035; BS EN IEC 61000-3-2; BS EN 610000-3-3; BS EN IEC 62368-1.	HD Audio	Yes, HD speaker with support for full-band audio
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 & 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 GSC3506, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick installation guide Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight: 2.09kg , Box Weight: 2.76kg FCC: FCC 47 CFR Part 15 Subpart B IC: ICES-003 CE: EN 55032:EN 55035; EN IEC 61000-3-2; EN 61000-3-3; EN IEC 62368-1. UKCA: BS EN 55032;BS EN IEC 61000-3-2;BS EN 61000-3-3;BS EN IEC 62368-1.	Speaker	Frequency: 110Hz-20000 Hz
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 GSC3506, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick installation guide Unit Dimensions: 257.5mm (diameter) x 118mm (depth) Unit Weight: 2.76kg FCC: FCC 47 CFR Part 15 Subpart B IC: ICES-003 CE: EN 55032:EN 55035; EN IEC 61000-3-2; EN 61000-3-3; EN IEC 62368-1. UKCA: BS EN 55035; BS EN IEC 61000-3-2; BS EN 61000-3-3; BS EN IEC 62368-1.	QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
Upgrade/Provisioning Firmware upgrade via TFTP / 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 GSC3506, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick installation 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 IC: ICES-003 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.	Security	256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access
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 GSC3506, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick installation 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 IC: ICES-003 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.	Multi-language	English, German, French, Spanish, Portuguese, Russian & Chinese
Temperature and Humidity Operation: 0°C to 45°C Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing Package Content GSC3506, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick installation 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 IC: ICES-003 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.	Upgrade/Provisioning	
Package Content GSC3506, Mounting hole cut-Out template, Ceiling mount kit(optional), Quick installation 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 IC: ICES-003 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.	Power & Green Energy Efficiency	Integrated PoE* 802.3af Class 3, PoE+ 802.3at Class 4
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 IC: ICES-003 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.	Temperature and Humidity	
FCC: FCC 47 CFR Part 15 Subpart B IC: ICES-003 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.	Package Content	
Compliance IC: ICES-003 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.	Physical	
	Compliance	IC: ICES-003 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.