

## Grandstream GSC3516 SIP/Multicast Talk-Back Speaker



Product Name: Grandstream GSC3516 SIP/Multicast Talk-Back Speaker

Manufacturer: Grandstream

Model Number: GSC3516

### Grandstream GSC3516 SIP/Multicast Talk-Back Speaker

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.

Grandstream GSC3516 SIP/Multicast Talk-Back Speaker Key Features:

- 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

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.

Grandstream GXV3450 16-Line IP Video Phone Technical Specifications:

### Network Interfaces

- One 10/100 Mbps port with integrated PoE/PoE+

### Operating System

- Linux

### 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&reg;

### 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 Ports

- One 2-pin multi-purpose input port, Reset

### HD Audio

- Yes, HD speakerphone with support for full band audio with 48KHz voice sampling frequency

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### 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, AJB, AGC, ANS

### Telephony Features

• SIP Paging, Multicast Paging, Group Paging, PTT, Call-waiting with priority override, Bluetooth SCO call

### Speaker

• 15W high-fidelity HD speaker  
Frequency: 110Hz-20000 Hz  
Sensitivity: Up to 90 dBA at 1W power at 0.5 meter

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### Microphone

• 3 directional microphones with beam-forming capability and 1 omnidirectional auxiliary microphone that offer a 4.2 meter pickup distance

### Security

• User and administrator level passwords, MD5 and MD5-session 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

### Power & Green Energy Efficiency

• Integrated PoE\* 802.3af Class 3, PoE+ 802.3at Class 4

### Package Contents

• 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

**Price: £154.30**