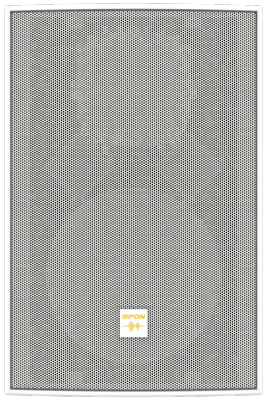
GEN-6011A03 Network Cabinet Speaker





Bluetooth SIP POE Multicast

INTRODUCTION

GEN-6011A03 is a PoE/DC-powered wall-mounted network speaker that supports SIP and VMS calls, up to 20 multicast streams, storage for 20 audio files, priority management, scheduled playback, and HTTP API-triggered custom event actions for schools, stores, and other public audio applications.

MAIN FEATURES

- **Multi-Source Audio Reception:** Supports reception of SIP audio, ONVIF audio, Bluetooth audio, and multicast streams.
- **Local Audio Storage:** Built-in 80 MB local storage for up to 20 WAV/MP3 audio files.
- **Audio Input:** Provides one audio input with MIC/LINE selectable via the web interface.
- **Control I/O:** Provides two control inputs and one control output, with support for 12 V DC output.
- **HTTP API Trigger:** Supports HTTP API for triggering local file playback.
- **Scheduled Playback:** Built-in scheduler for timed playback of local audio files.
- **Flexible Power Supply:** Supports PoE / PoE+ and DC power supply.

PARAMETERS:

Network Interface	10/100Base-TX, RJ45
PoE	IEEE 802.3af/at
Power Input	1 × DC 24 V
Network Protocols	TCP/IP, UDP, HTTP, RTP, RTSP, ARP, ICMP, NTP, SIP, ONVIF, DHCP
Configuration	Web interface or DevConfig Tool
Audio Transmission	Multicast, up to 20 streams (editable)
Audio Codec	Opus, PCMU (G.711u), PCMA (G.711a), G.722
Audio File Format	WAV, MP3
Audio Storage	80 MB local storage, up to 20 audio files
Audio Stream	WAV 8/16/22/44.1/48 kHz, 8/16-bit, mono/stereo; MP3 32/44.1/48 kHz, 64–320 kbps, CBR/VBR, mono/stereo
Audio Input	1 × Line/MIC input, balanced, switchable
Input Sensitivity	-10 dB (Line), -20 dB (MIC)
Bluetooth Input	1 × 2.4 GHz
Frequency Response	100 Hz to 18 kHz
SNR	⩾85 dB
Amplifier	Built-in Class-D amplifier
Rated Power	15 W (PoE/PoE+), 30 W (DC 24 V)
Speaker Component	5" woofer + 1" tweeter
Sensitivity	88 dB (1 m / 1 W / 1 kHz)
Max. SPL	103 dB (1 m / 30 W / 1 kHz)
Coverage Pattern	884 Hz H180° / V120°; 1.77 kHz H104° / V140°; 3.54 kHz H60° / V82°; 7.07 kHz H112° / V115°
Control Input	2
Control Output	1 × relay output / 12 V DC output, switchable
Microphone	Electret condenser microphone
Directionality	Omnidirectional
Microphone Installation	Built-in
Microphone Sensitivity	-45 ± 3 dB
Microphone SNR	58 dB
Max. Input Sound Level	110 dB (THD < 1%)
Housing Material	Iron, ABS
IP Rating	IP66
Color	White
Mounting	Wall-mounted
Application Environment	Indoor/Outdoor

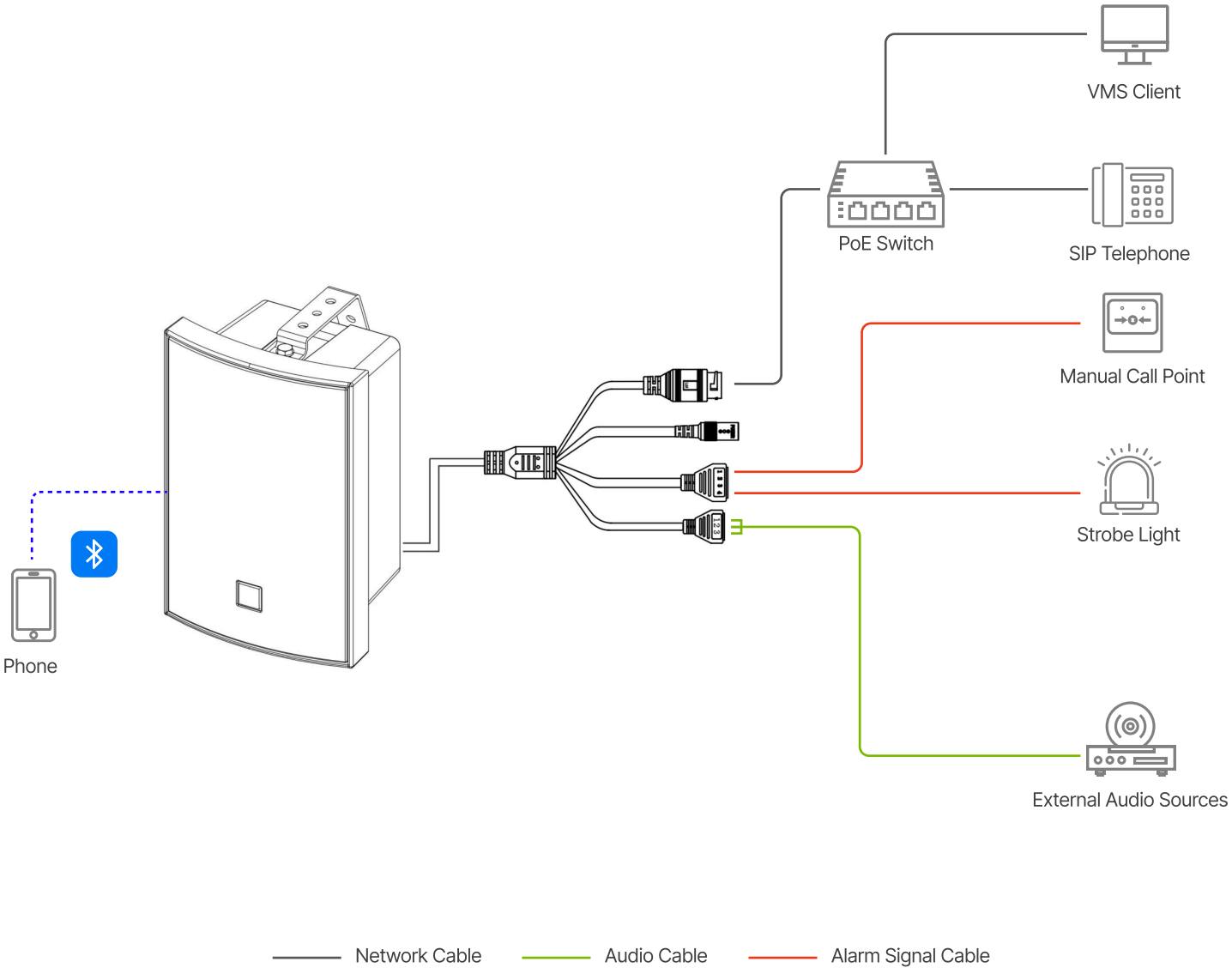
PARAMETERS:

Operating Temperature	-30°C to +60°C
Operating Humidity	⩽90% RH, non-condensing
Dimensions	292 × 193 × 151.5 mm
Package Dimensions	330 × 235 × 190 mm
Weight	2.4 kg
Warranty	2 Years

ACCESSORIES:

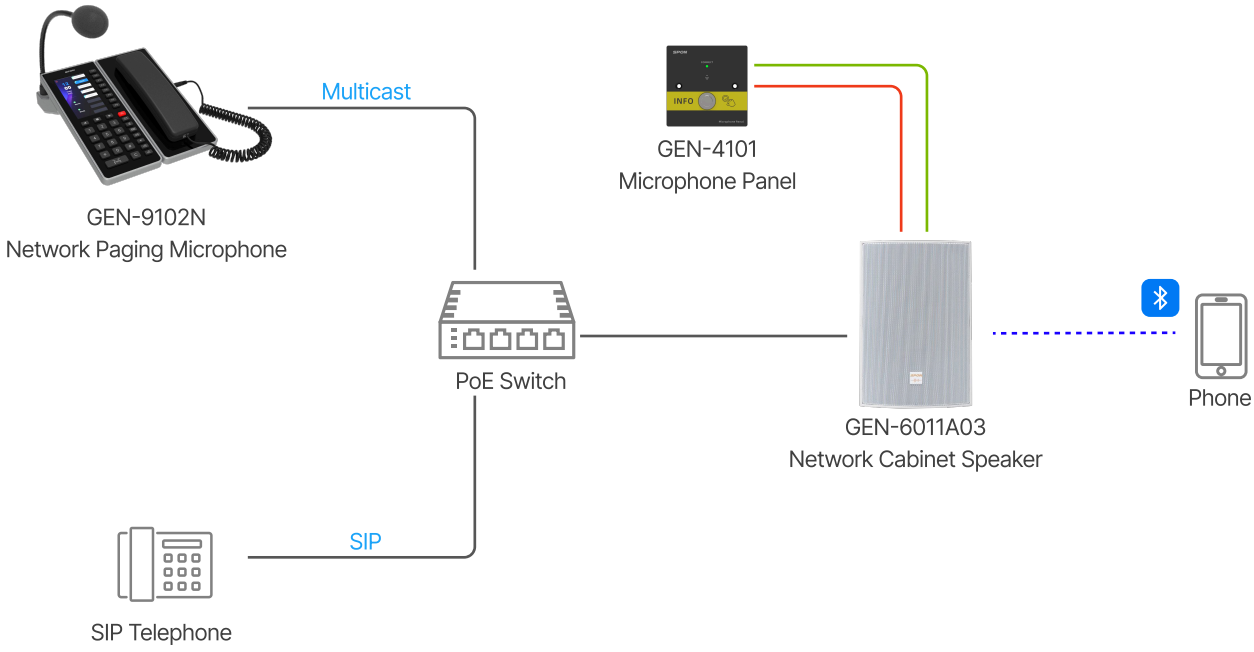
ACCESSORIES	1 × 3-pin terminal (3.81 mm) 1 × 4-pin terminal (3.81 mm) 1 × Waterproof joint 1 × Power adapter (DC 24 V / 1.5 A, optional)

CONNECTION DIAGRAM



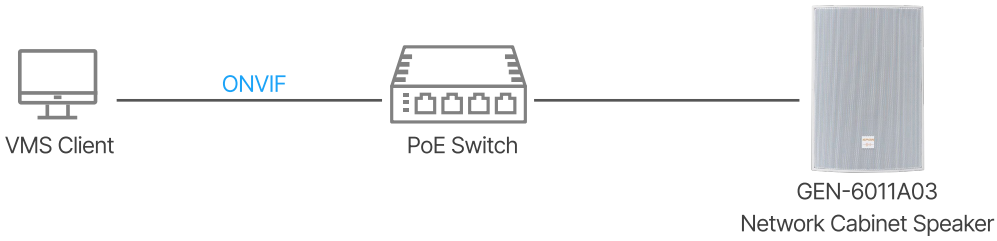
APPLICATION 1

The GEN-6011A03 Network Cabinet Speaker supports direct calls from SIP platforms or VMS and allows for the connection of a microphone accessory to extend SIP calling applications. It also features Bluetooth functionality for mobile audio playback, making it ideal for school environments.

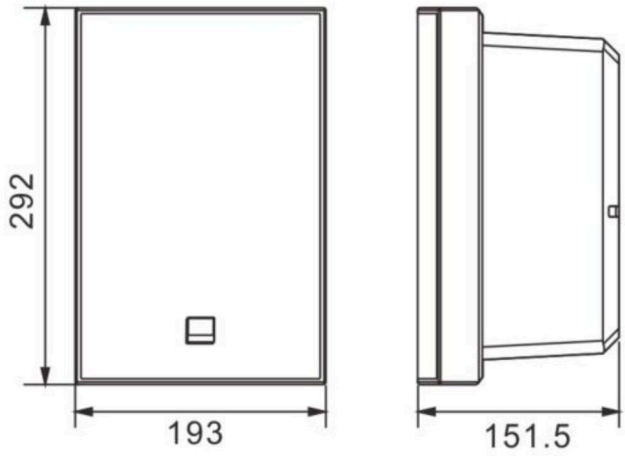


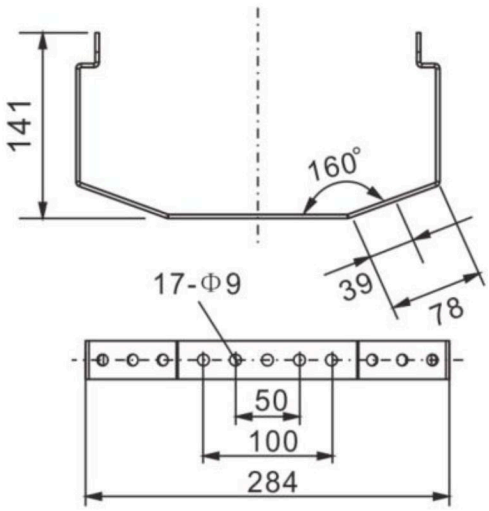
APPLICATION 2

The Network Cabinet Speaker GEN-6011A03 supports ONVIF protocol and can be registered to a third-party monitoring system. In an emergency, the operator can directly make a live announcements to the speaker on the monitoring platform.



DIMENSION





GEN-6011A03	
WEIGHT	2.4 kg
MM	
PRODUCT DESCRIPTION	NETWORK CABINET SPEAKER
OUTER DIMENSIONS (W*H*D)	292 x 193 x 151.5 mm
UNIT HEIGHT	N/A