GEN-6013A01 Network Cabinet Speaker



Bluetooth SIP POE Multicast

INTRODUCTION

GEN-6013A01 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 and Control Interfaces:** Provides one control input, one audio input, and one slave speaker interface.
- **Two-Way Communication:** Built-in microphone supports two-way communication.
- **HTTP API Trigger:** Supports HTTP API for triggering local file playback.
- **Two-Way Speaker Design:** Features a two-way speaker design with ABS housing and a metal mounting bracket.
- **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 12–24 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 × 1000 mV
External Slave Speaker Interface	1 × 8 Ω / 10 W
Bluetooth Input	1 × 2.4 GHz
Frequency Response	140 Hz to 20 kHz
SNR	⩾90 dB
Amplifier	Built-in Class-D amplifier
Rated Power	7 W (DC 12 V / PoE / PoE+), 10 W (DC 24 V)
Speaker Component	4" woofer + 0.5" tweeter
Sensitivity	88 dB (1 m / 1 W / 1 kHz)
Max. SPL	98 dB (1 m / 10 W / 1 kHz)
Coverage Pattern	884 Hz H200° / V170°; 1.77 kHz H100° / V43°; 3.54 kHz H360° / V100°; 7.07 kHz H120° / V70°
Control Input	1
Reset Button	1
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, HIPS
Color	White
Mounting	Wall-mounted
Application Environment	Indoor
Operating Temperature	0°C to +50°C

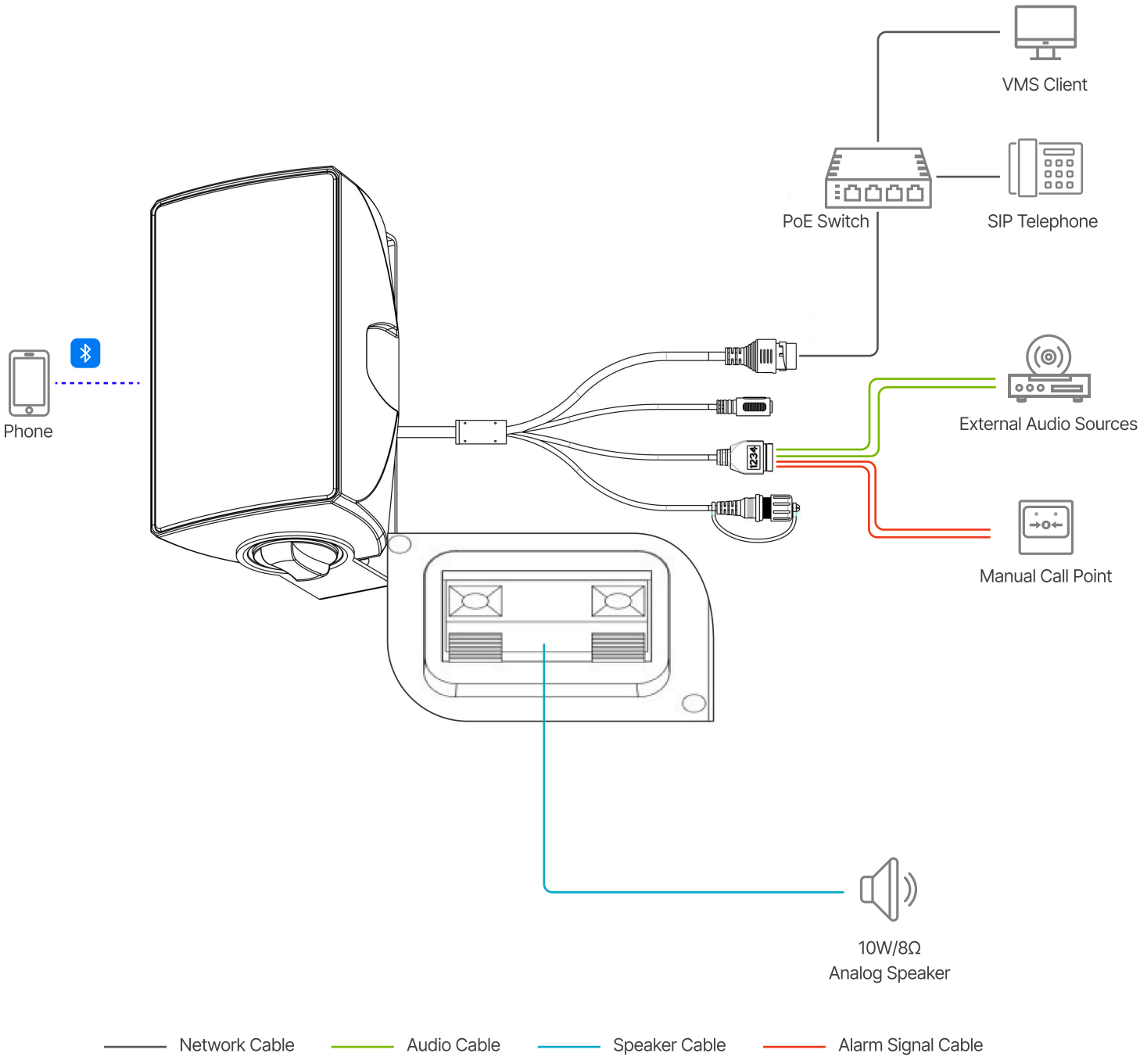
PARAMETERS:

Operating Humidity	≤90% RH, non-condensing
Dimensions	130 × 124 × 238 mm
Package Dimensions	303 × 182 × 195 mm
Weight	2.1 kg
Warranty	2 Years

ACCESSORIES:

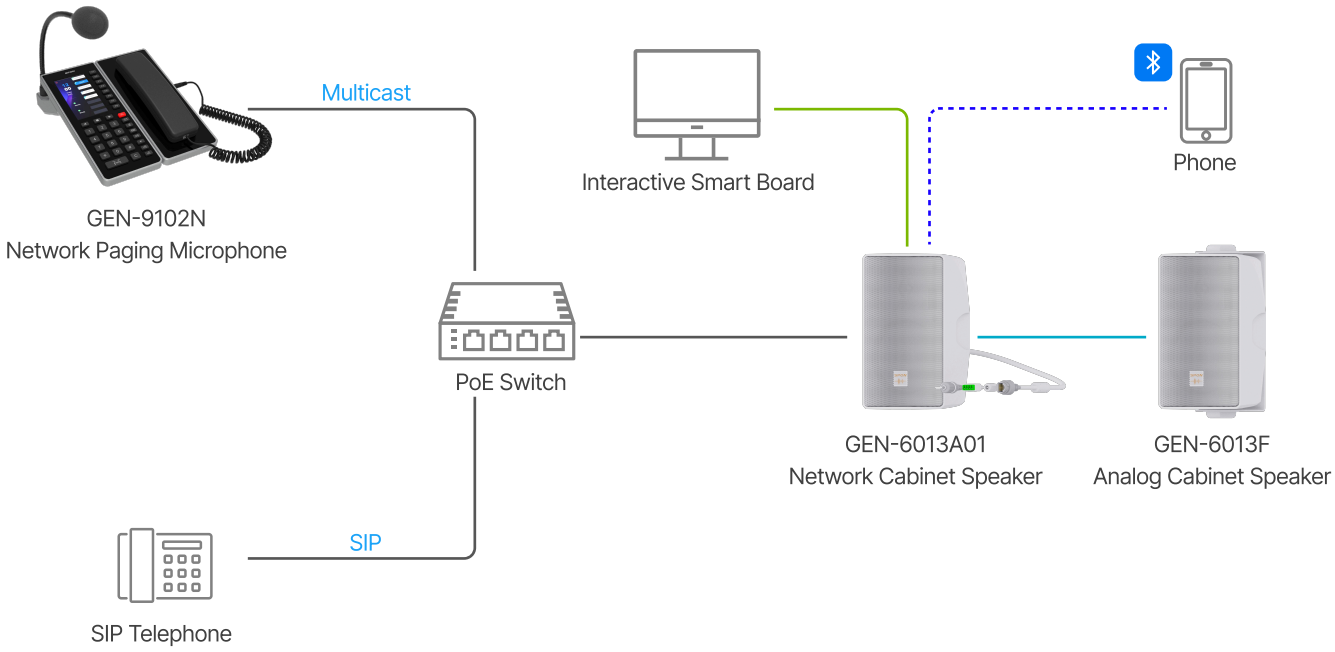
ACCESSORIES	1 × 4-pin terminal (3.81 mm) 1 × Power adapter (DC 24 V / 1.5 A, optional)

CONNECTION DIAGRAM



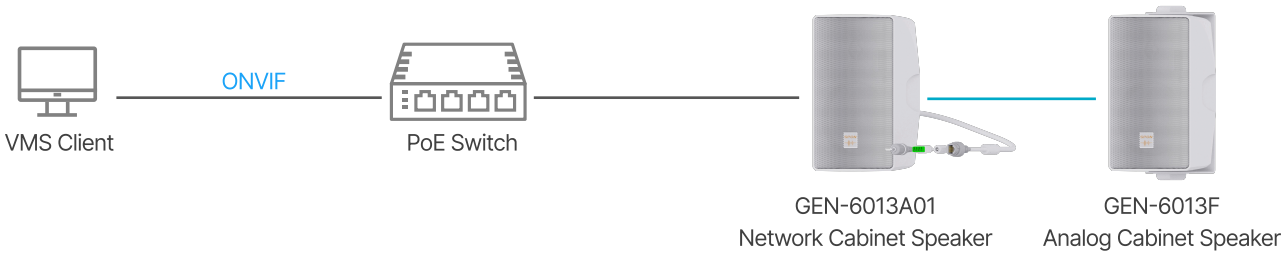
APPLICATION 1

The GEN- 6013A01 Network Cabinet Speaker supports direct calls from SIP platforms or VMS and allows for the connection of an external audio source like interactive smart board to realize local sound amplification application. It also features Bluetooth functionality for mobile audio playback, making it ideal for school environments.

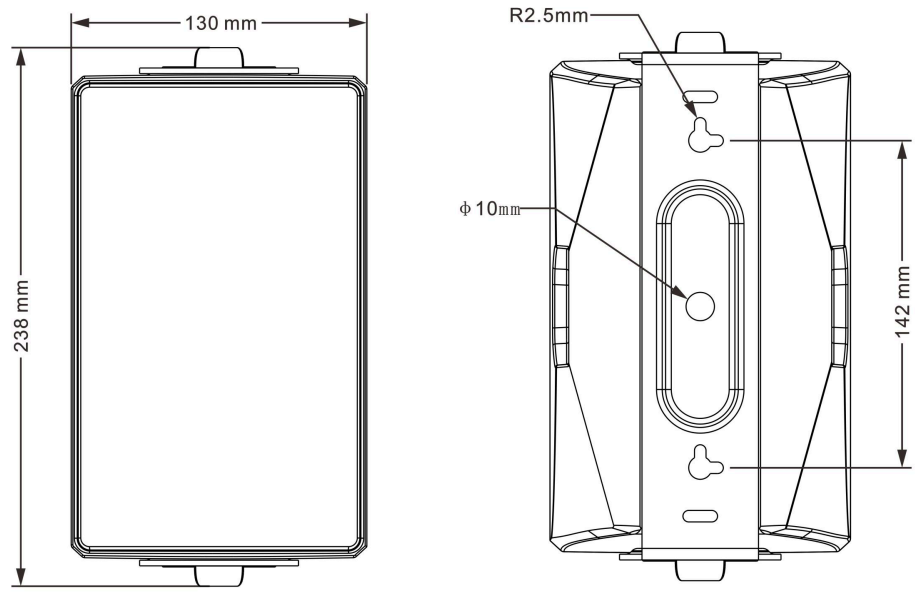


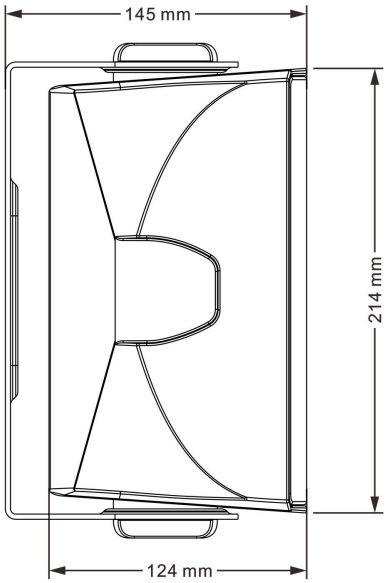
APPLICATION 2

The Network Cabinet Speaker GEN-6013A01 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-6013A01	
MM	
WEIGHT	2.1 kg
PRODUCT DESCRIPTION	NETWORK CABINET SPEAKER
OUTER DIMENSIONS (W*H*D)	130 x 124 x 238 mm
UNIT HEIGHT	N/A