GEN-6191A03
Network Column Speaker

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The GEN-6191A03 is a wall-mounted speaker supporting PoE/DC power, SIP and VMS calls, handling 20 multicast streams and storing 20 audio files. It has priority management, timers and custom event actions via HTTP API, suitable for factories, urban construction and similar scenarios.

SIP **Onvif** **POE** **Multicast** **Bluetooth**

MAIN FEATURES

▲ Audio Integration and Flexibility

The GEN-6191A03 supports various audio protocols, including SIP (for VoIP communication), ONVIF (for audio backchannel in video management systems), and multicast (supporting up to 20 addresses). This allows it to easily integrate with existing IP networks and various systems.

▲ Local audio file storage and playback

The device has built-in storage that supports up to 20 audio files (total capacity of 80MB), which can play WAV and MP3 formats. It supports various playback modes, including scheduled playback, repeat, and interval playback, making it ideal for applications such as timed announcements and emergency broadcasts.

▲ Easy installation and control

This speaker features a simple design and is equipped with a wall-mounted bracket, which makes the installation process quick and easy. In addition, the GEN-6191A03 supports remote control to trigger the playback function via HTTP commands or physical inputs. It includes one control input interfaces and one audio input interface, facilitating easy integration with other devices.

SPECIFICATION

Power Parameters

Power Supply	DC24V PoE (IEEE802.3af/at)
Power Cons	≤3W

Audio & Interface Parameters

Power Output	30W（Use DC 24V） 15W（Use POE/POE+）
Frequency Response	100-15KHz
Sensitivity	85dB±3dB(1M/1W/1KHz)
Max SPL	96dB±3dB(1M/30W/1KHz)
SNR	≥85dB
Audio Trans	Multicast，×20(Editable)
Audio Codec	Opus, PCMU (G.711u), PCMA (G.711a), G.722
Audio Input	×1, 500mv
Control Input	×1
Bluetooth Input	×1 ,2.4GHz
Audio Storage	Max 20 audio files ,80MB
Audio File Format	WAV，MP3

Network Parameters

Network I/F	100BASE-TX ,RJ45 Connector
Network Protocol	TCP/IP,UDP,HTTP,RTP,RTSP ARP,ICMP,NTP,SIP,ONVIF
Config Method	Web Interface or DevConfig Tool

Mechanical & Environment Properties

Mounting Method	Wall-Mounted
Install Env	Outdoor
Working Temp	-10°C~+55°C
Waterproof rate	IPX5
Housing Material	Aluminum alloy, iron mesh
Color	Silver Gray
Dimensions	296*140*130mm
Weight	1.69kg
Warranty	2 Years

ACCESSORIES

1×5pin Terminal(3.5-5P)

3 × Screw(M8*14)

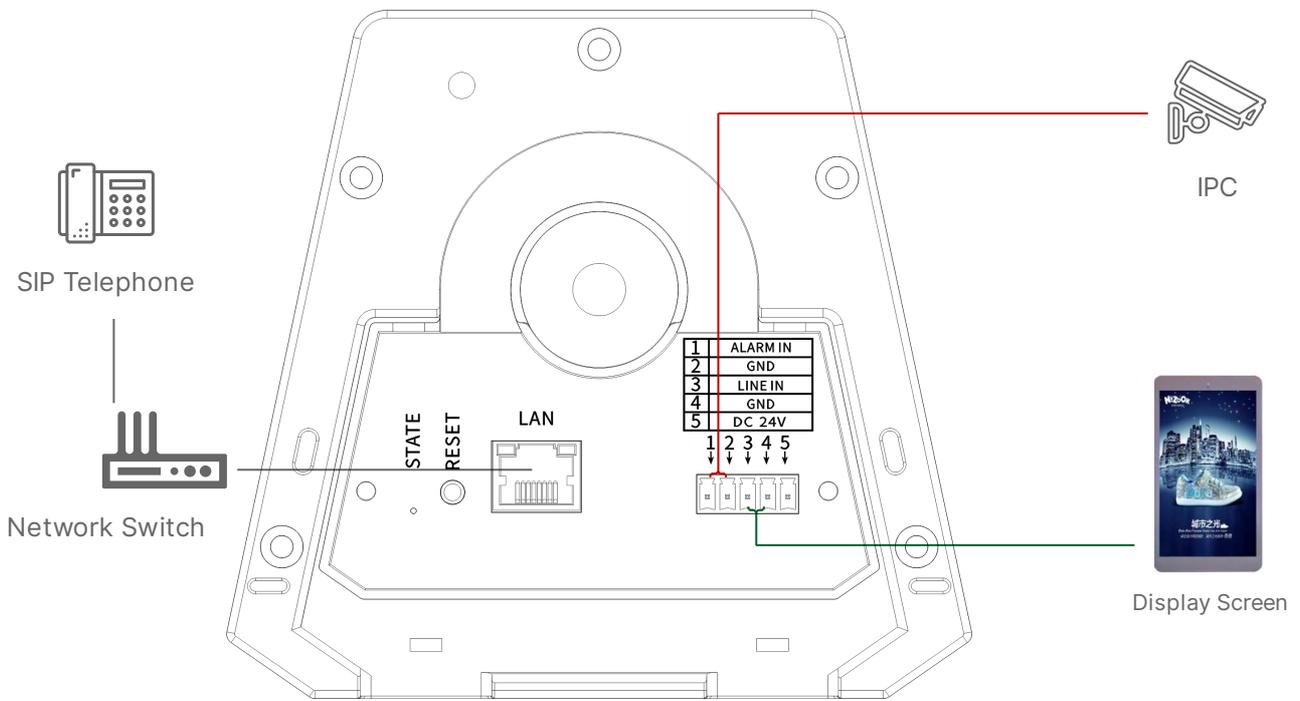1 × Screw Nut(M8)

1 × Gasket(M8)

2 × Mounting Bracket

1 × Installation Manual
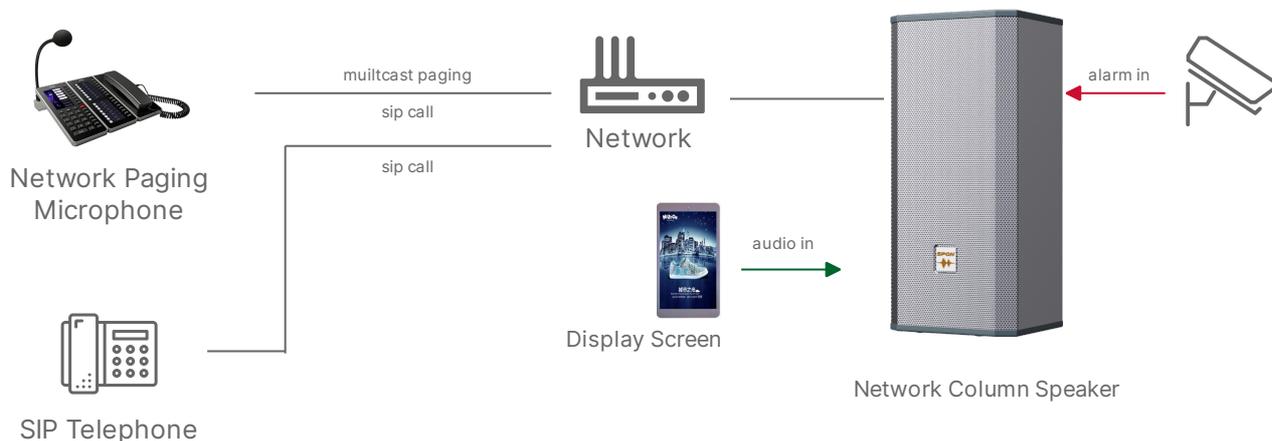
INTERFACE DESCRIPTION

1	ALARM IN
2	GND
3	LINE IN
4	GND
5	DC 24V

STATE RESET LAN/PoE

1 2 3 4 5

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
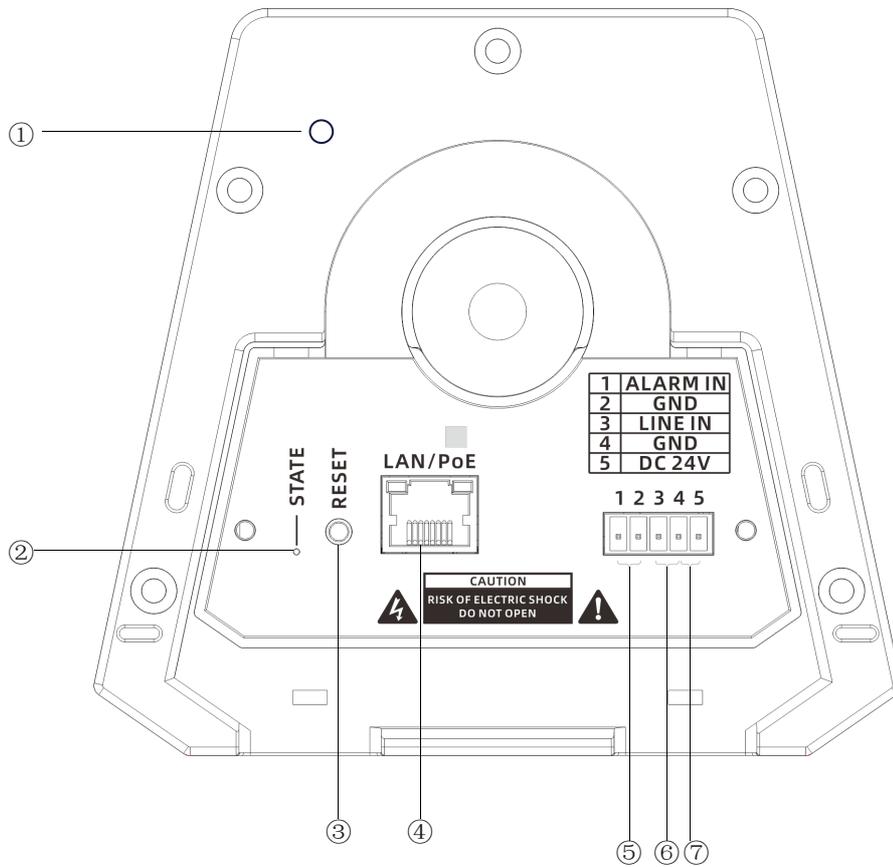
①Mic

②Status Light

③Reset Button

④RJ45 Connector

⑤Alarm Input Terminal

⑥Line Input Terminal

⑦Power Input Terminal

CONNECTION DIAGRAM

SIP Telephone

Network Switch

STATE RESET LAN

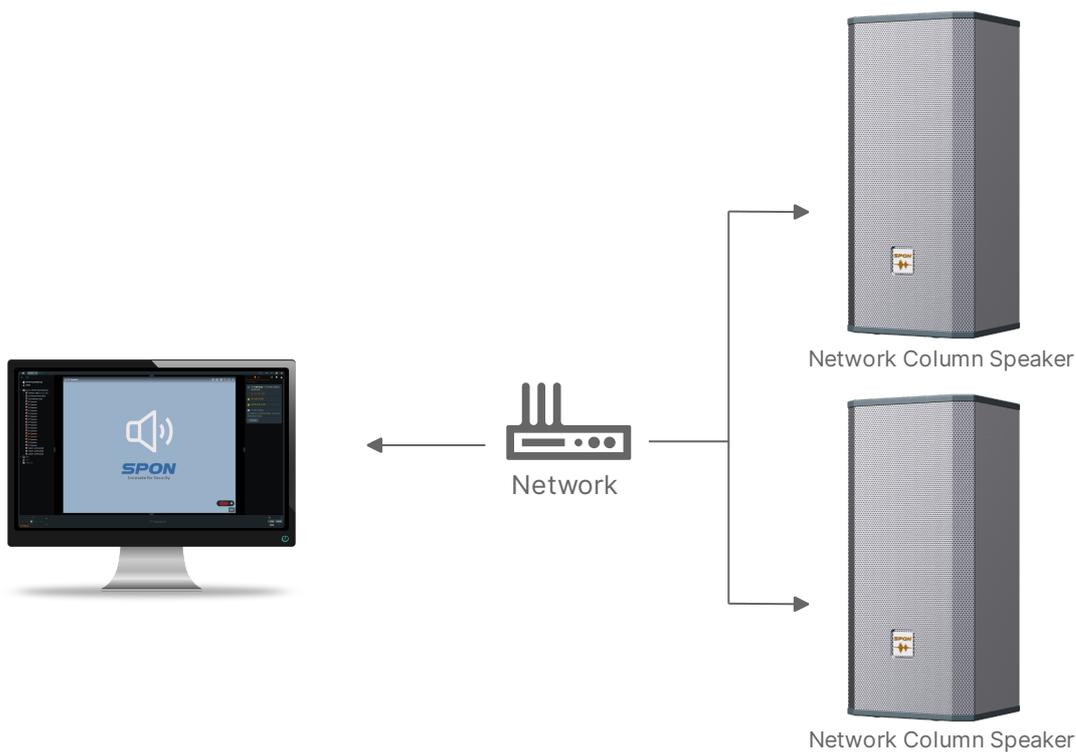| 1 | ALARM IN |
2	GND
3	LINE IN
4	GND
5	DC 24V

1 2 3 4 5

IPC

Display Screen

APPLICATION

The GEN-6191A03 Network Column Speaker supports direct SIP or VMS calls, with a built-in microphone for two-way communication. Its compact design includes IO control interfaces for camera and alarm integration, plus an audio input for display screen amplification, making it ideal for smart pole construction.

multicast paging

sip call

sip call

Network

alarm in

Network Paging
Microphone

audio in

Display Screen

Network Column Speaker

SIP Telephone

The Network Column Speaker GEN-6191A03 support Onvif protocol which can be registered to the 3-rd party monitoring system ,and during emergency situation ,the operator can directly make a live announcement to the speaker on the monitoring platform.

Network Column Speaker

SPON

Network

Network Column Speaker

INSTALLATION

unit：mm

【30W】

130

296

140

φ8.5

140

296
343
375
407