



GEN-6013A01

Network Cabinet Speaker

The GEN-6013A01, a PoE/DC wall-mounted speaker, supports SIP and VMS calls, handles 20 multicast streams, stores 20 audio files, with priority management, timers, custom event actions via HTTP API, suitable for schools, stores, etc.

SIP

Onvif

POE

Multicast



MAIN FEATURES

▲ Audio Integration and Flexibility

The GEN-6013A01 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 U-shaped mounting bracket, making the installation process quick and easy. In addition, the GEN-6013A01 supports remote control via HTTP commands or physical inputs to trigger the playback function. It is equipped with one control input interface and one audio input interface, facilitating easy integration with other devices.

SPECIFICATION

Speaker	
Speaker Component	4" woofer unit + 0.5" tweeter unit
Sensitivity	88dB (1M/1W/1KHz)
Max SPL	98dB (1M/10W/1KHz)
Amplifier	Built-in Class-D
Rated power	7W(Use DC12V,POE/POE+) 10W(Use DC24V)
Frequency Response	140Hz~20KHz
Coverage Pattern	884Hz:H200°/V170° 1.77KHz:H100°/V43° 3.54KHz:H360°/V100° 7.07KHz:H120°/V70°
Audio	
Audio Transmission	Multicast , ×20(Editable)
Audio Codec	Opus, PCMU (G.711u), PCMA (G.711a), G.722
Audio Stream	WAV (8/16/22/44.1/48 kHz sampling rate, 8/16 bits, mono/stereo), MP3(32/44.1/48 kHz sampling rate, 64-320kbps, CBR/VBR, mono/stereo).
Audio Storage	Max 20 audio files ,80MB
Audio File Format	WAV,MP3
SNR	≥90dB
Microphone	
Microphone	Electret condenser microphone
Directionality	Omni-directional
Installation method	Built-in
Sensitivity	-45±3dB
SNR	58dB
Max Input Sound Level	110dB(THD < 1%)

SPECIFICATION

Network

Network I/F	10BASE-T/100BASE-TX ,RJ45 Connector
Network Protocol	TCP/IP,UDP,HTTP,RTP,RTSP,ARP,ICMP,NTP,SIP,ONVIF
Config Method	Web Interface or DevConfig Tool

Interface

Network I/F	RJ45 Connector, support PoE IEEE 802.3af/at
Bluetooth Input	×1, 2.4GHz
Audio Input	×1, 1000mV
Audio Output	×1,8Ω/10W
Control Input	×1
Power Input	×1,DC12~24V
Reset Button	×1

Mechanical & Environment Properties

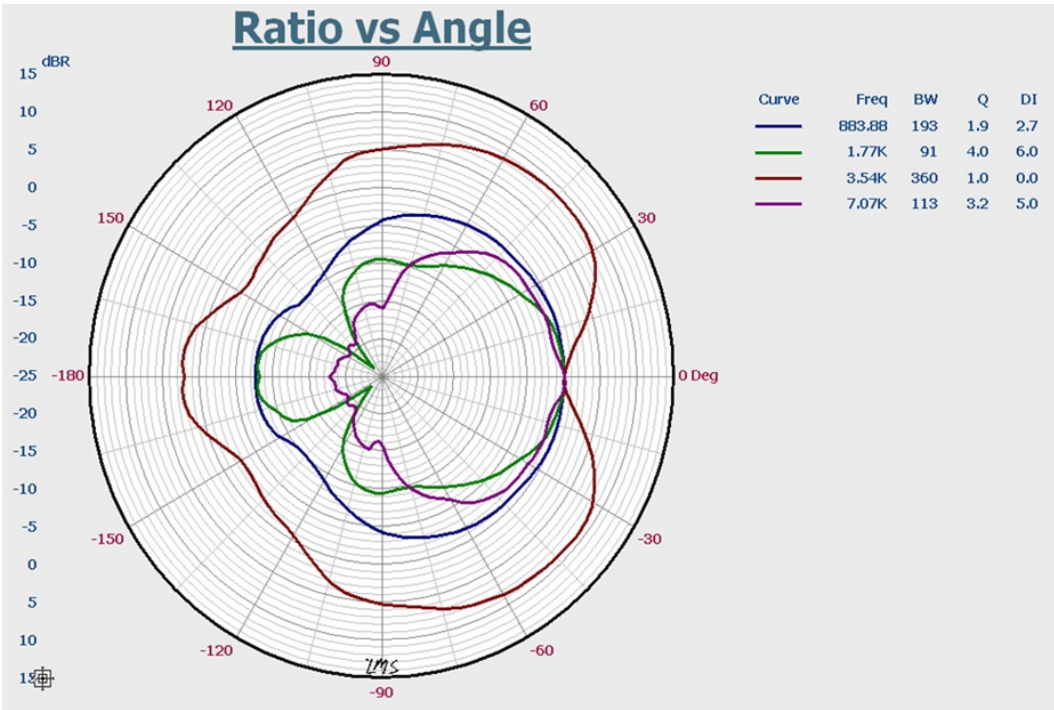
Housing Material	Iron+HIPS
Color	White
Working Temp	0°C~+50°C
Humidity	≤90% RH non-condensing
Mounting Method	Wall-Mounted
Installation Environment	Indoor Locations
Dimensions	130*124*238mm
Weight	2100g
Warranty	2 Years

ACCESSORIES

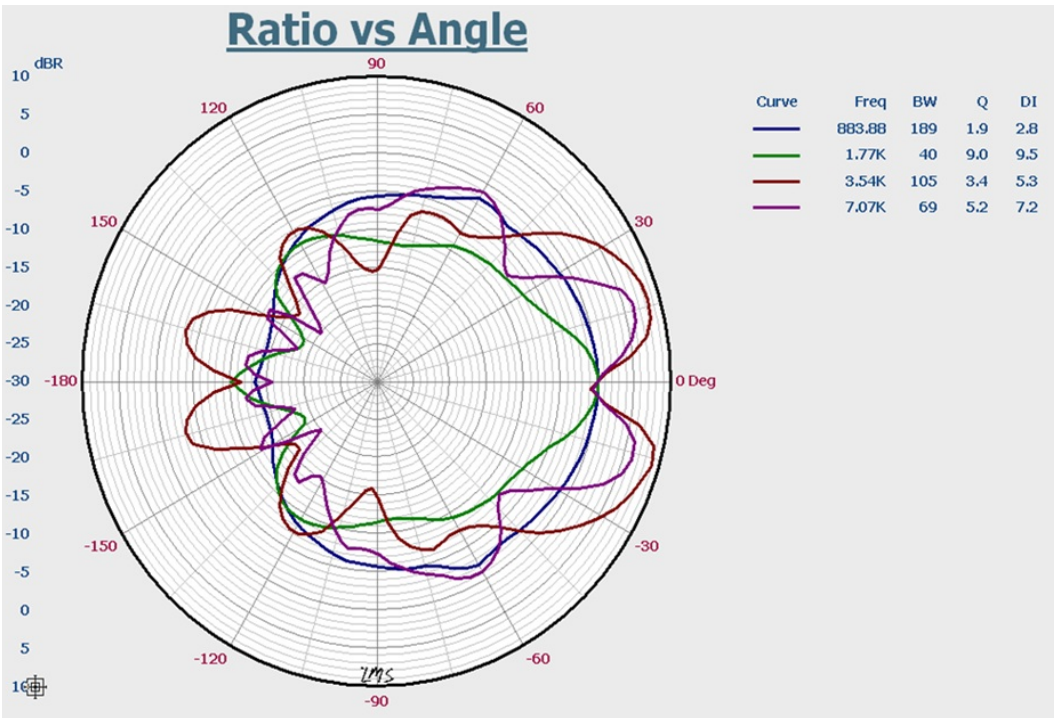
1×4pin Terminal(3.81-4P)
1×Power Adapter(DC24V/1.5A,DC24V/1.5A)/Optional
1 × Installation Manual

SPECIFICATION

【Horizontal Loudspeaker Directivity】

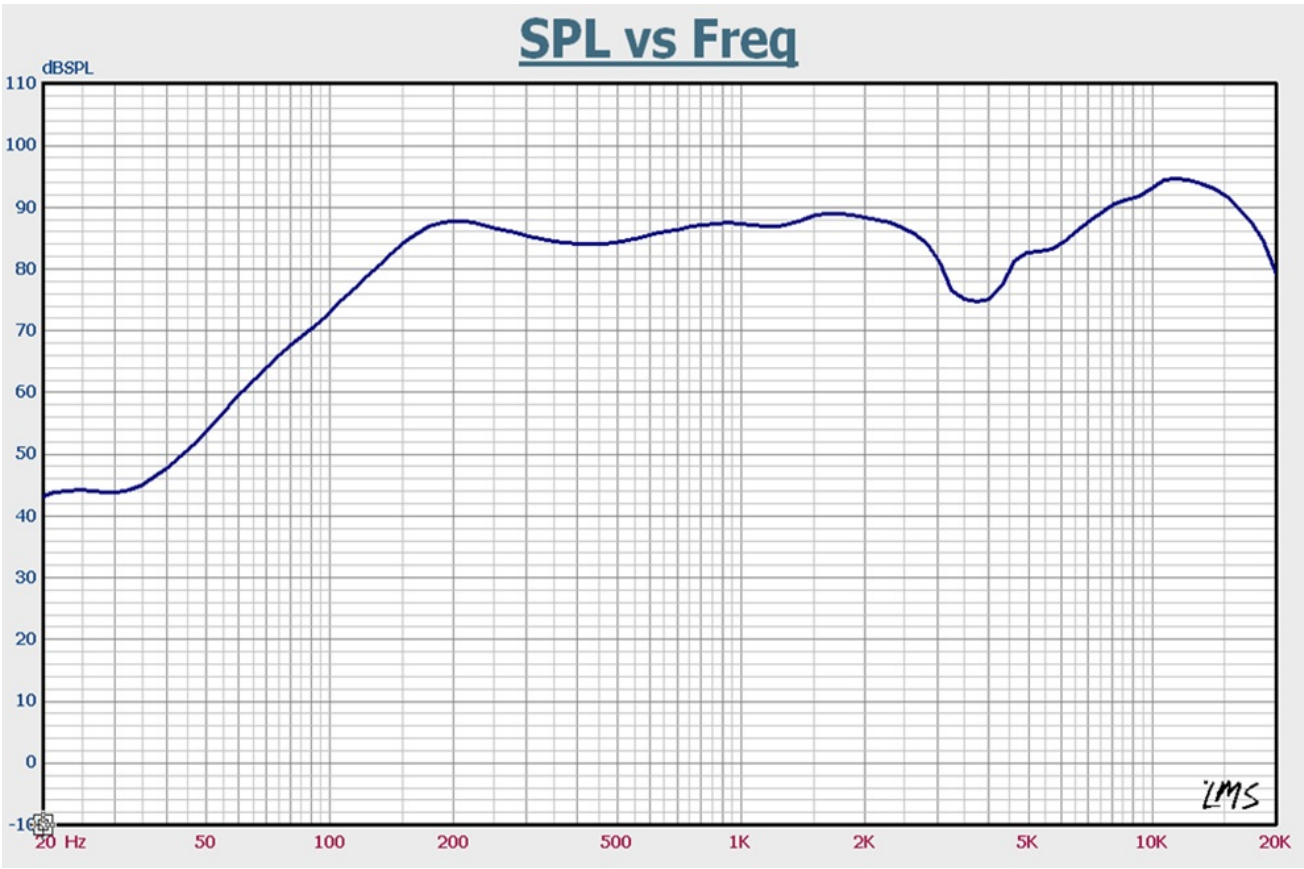


【Vertical Loudspeaker Directivity】

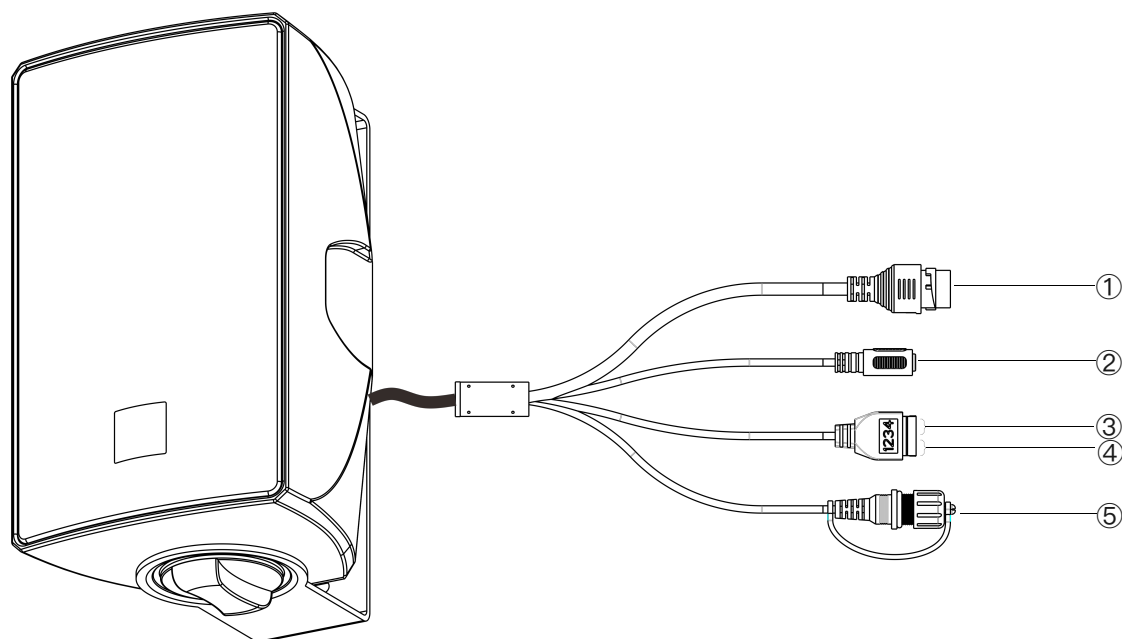


SPECIFICATION

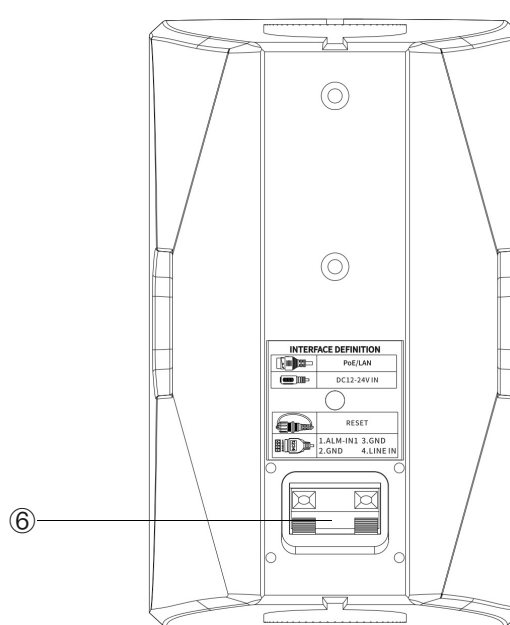
【Frequency Response Curve】



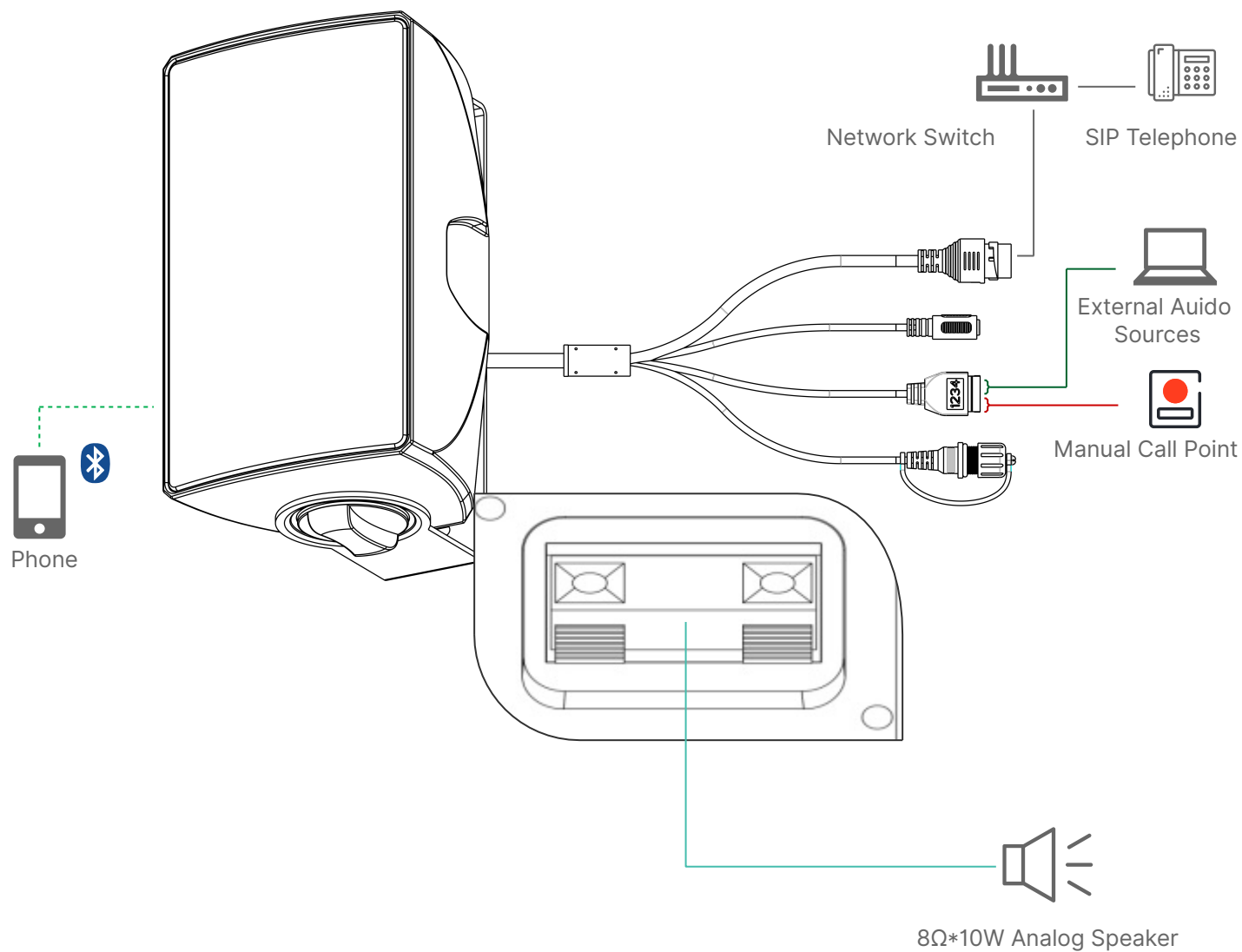
INTERFACE DESCRIPTION



- ①RJ45 Connector
- ②Power Input Terminal
- ③Line Input Terminal
- ④Alarm Input Terminal
- ⑤Reset Button
- ⑥Speaker Output

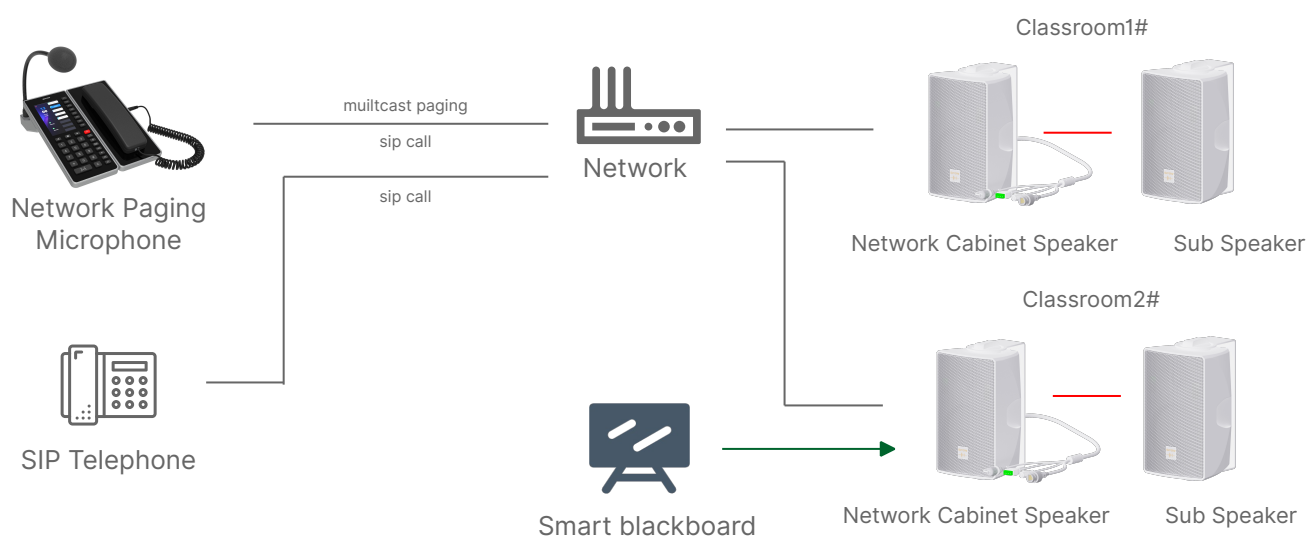


CONNECTION DIAGRAM

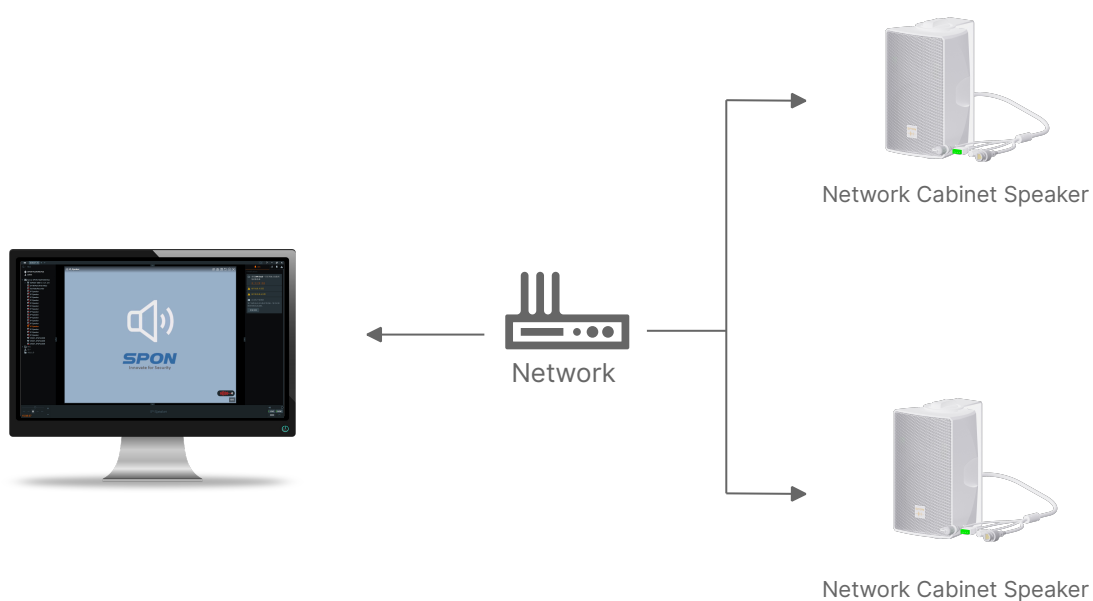


APPLICATION

The GEN-6013A01 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.



The Network Cabinet Speaker GEN-6013A01 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.



INSTALLATION

Unit : mm

