



GEN-6011A03

Network Cabinet Speaker

The GEN-6011A03, 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-6011A03 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, which makes the installation process quick and easy. In addition, the GEN-6011A03 supports remote control via HTTP commands or physical inputs to trigger the playback function. It includes two control input interfaces and one control output interface, facilitating easy integration with other devices.

SPECIFICATION

Speaker	
Speaker Component	5" woofer unit + 1" tweeter unit
Sensitivity	88dB(1M/1W/1KHz)
Max SPL	103dB(1M/30W/1KHz)
Amplifier	Built-in Class-D
Rated power	15W(Use POE/POE+) 30W(Use DC24V)
Frequency Response	100Hz~18KHz
Coverage Pattern	884Hz:H180°/V120° 1.77KHz:H104°/V140° 3.54KHz:H60°/V82° 7.07KHz:H112°/V115°
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	≥85dB
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, Line/Mic input(Balanced,Switchable)
Input Sensitivity	-10dB(Line) , -20dB(Mic)
Control Input	×2
Control Output	×1 ,Relay output/DC12V output switchable
Power Input	×1 ,DC24V

Mechanical & Environment Properties

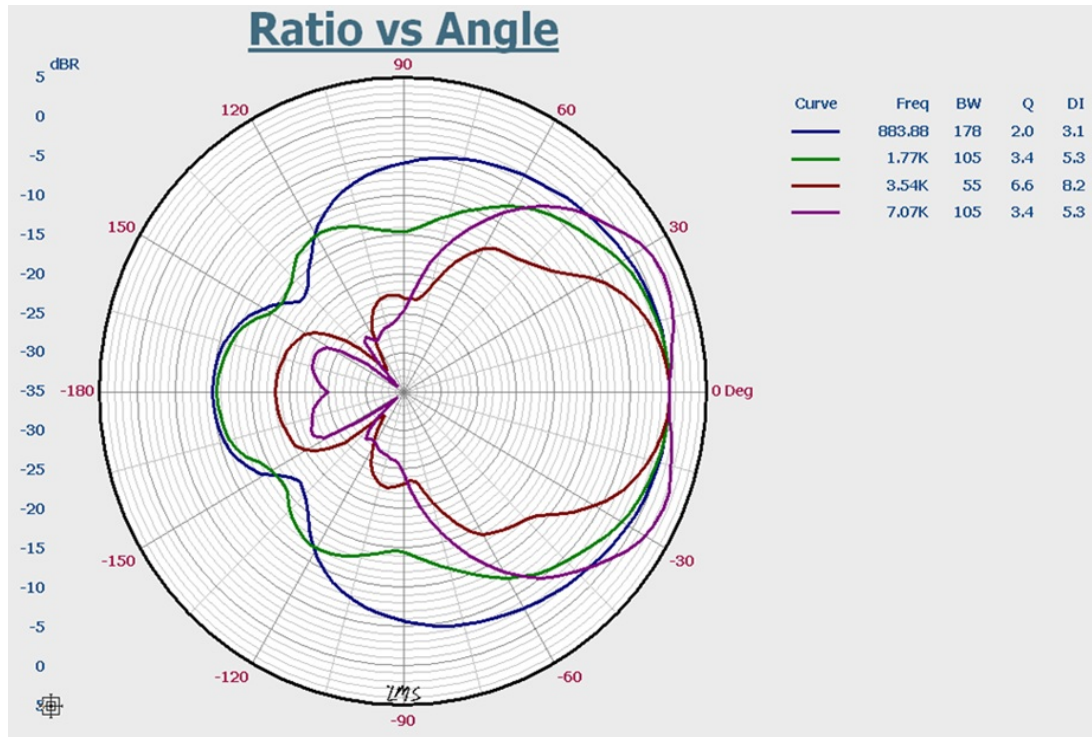
Housing Material	Iron+ABS
IP Rating	IP66
Color	White
Working Temp	-30°C~+60°C
Humidity	≤90% RH non-condensing
Mounting Method	Wall-Mounted
Installation Environment	Indoor/Outdoor Locations
Dimensions	292*193*151.5mm
Weight	2400g
Warranty	2 Years

ACCESSORIES

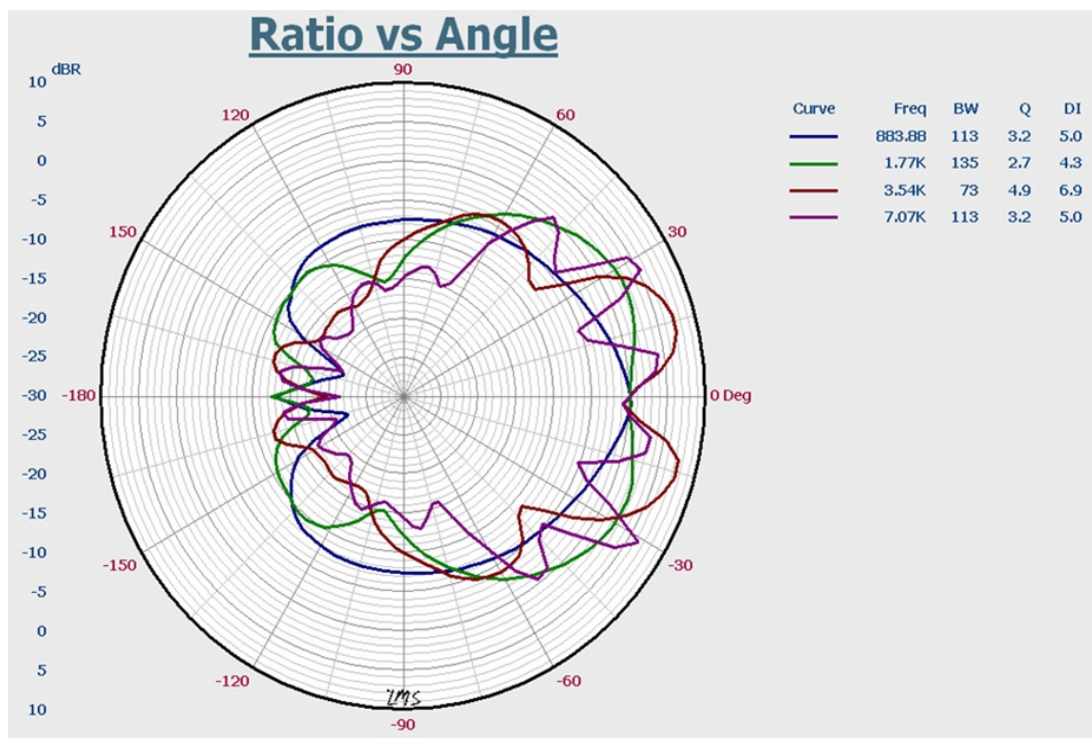
1×3pin Terminal(3.81-3P);1×4pin Terminal(3.81-4P);1×Waterproof joint
1×Power Adapter(DC24V/1.5A)/Optional
1 × Installation Manual

SPECIFICATION

【Horizontal Loudspeaker Directivity】

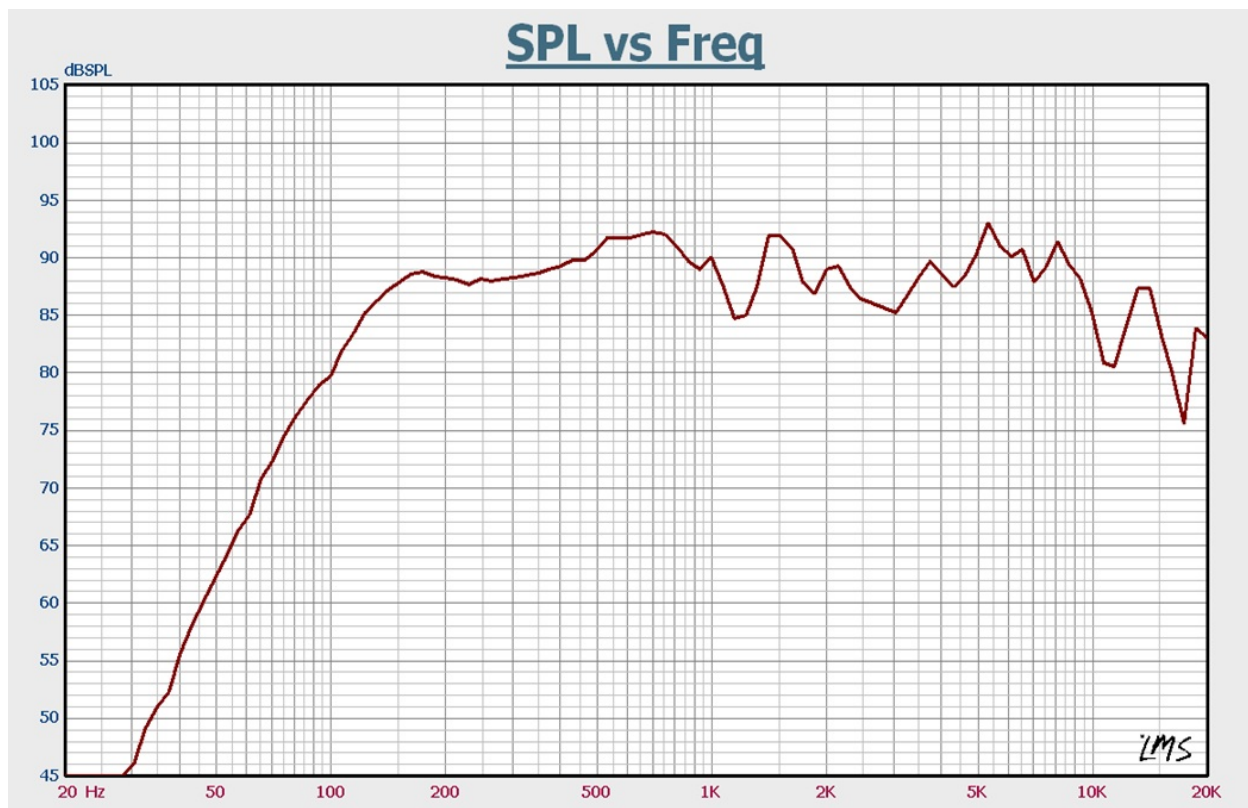


【Vertical Loudspeaker Directivity】

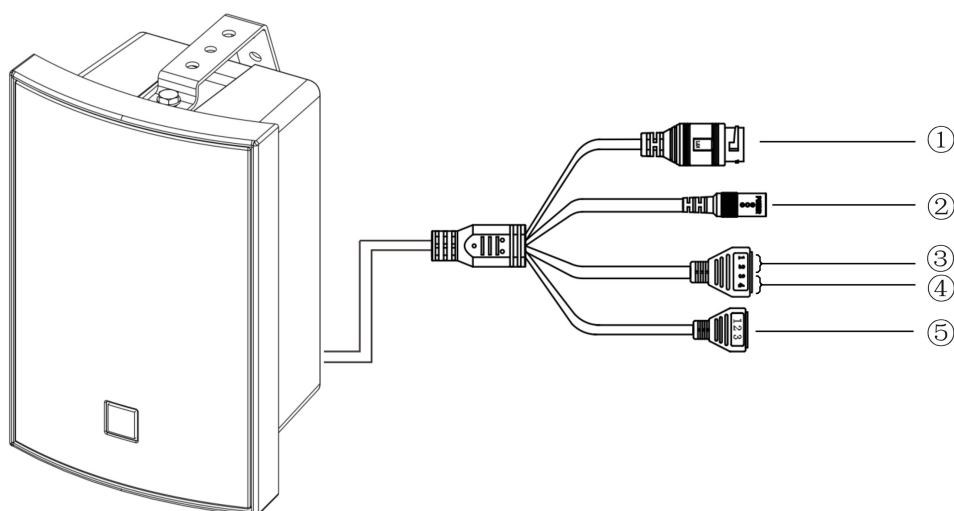


SPECIFICATION

【Frequency Response Curve】

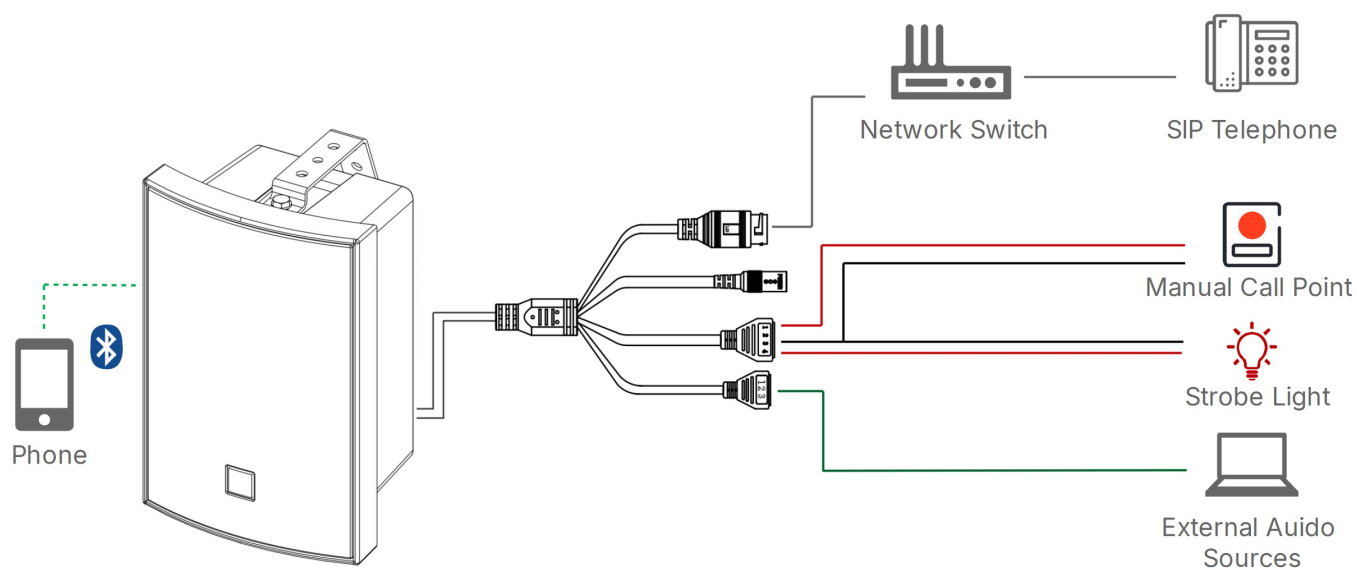


INTERFACE DESCRIPTION



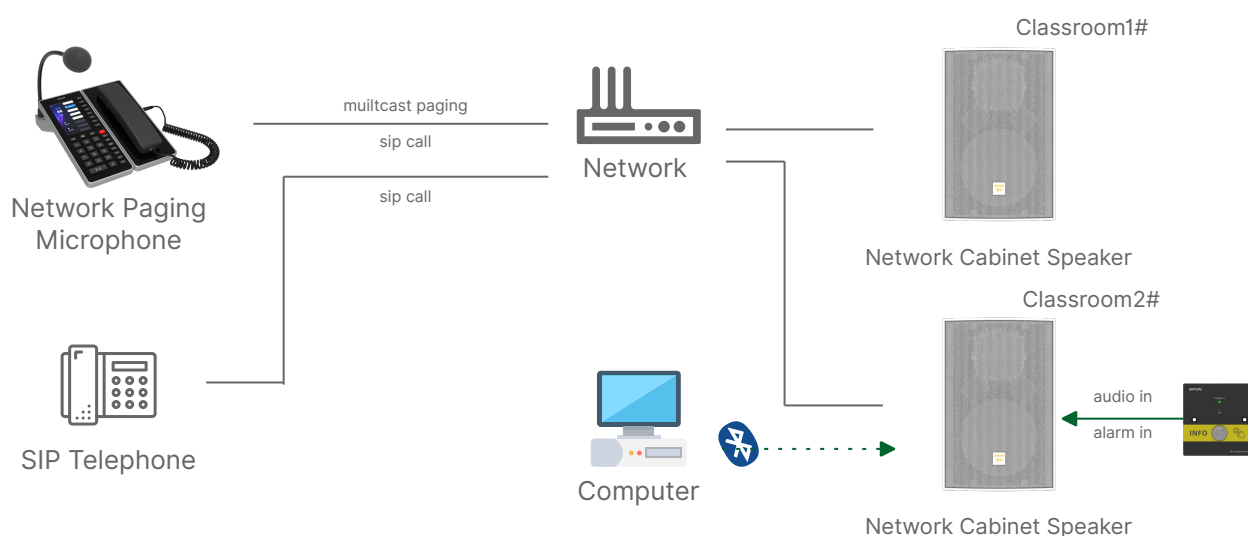
- ①RJ45 Connector: Supports PoE/LAN
- ②Power Input Terminal: DC24V IN
- ③Alarm Input Terminal: 1.ALM-IN1 2.ALM-IN2 3.GND
- ④Alarm Output Terminal: 3.GND 4.ALM-OUT
- ⑤Line/Mic Input Terminal: 1.HOT 2.COLD 3.EARTH

CONNECTION DIAGRAM

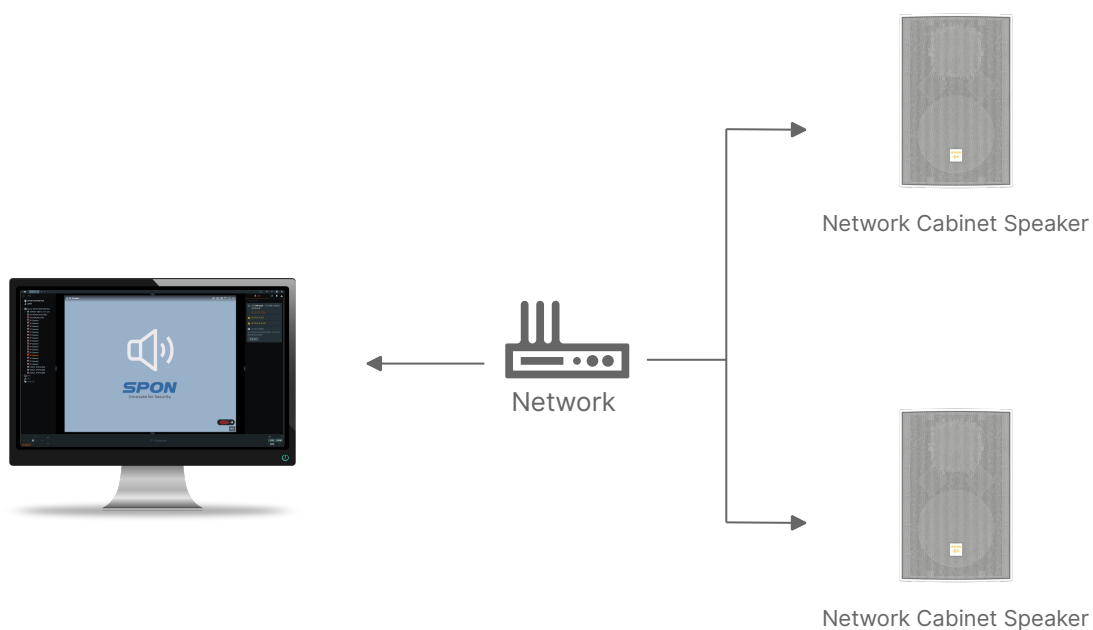


APPLICATION

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.



The Network Cabinet Speaker GEN-6011A03 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

