



GEN-6511A02

Network Pendant Speaker

The GEN-6511A02, a PoE Pendant Speaker, supports SIP and VMS calls. It can handle 20 multicast streams and store 20 audio files, and it is equipped with priority management, timers and custom event-triggered actions via HTTP API, making it suitable for supermarkets, gyms, restaurants, etc.

SIP

Onvif

POE

Multicast



MAIN FEATURES

▲ Audio Integration and Flexibility

The GEN-6511A02 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 boasts a sleek and minimalist design, and comes with suspension steel cables for quick and hassle-free installation. In addition, the GEN-6511A02 supports remote control via HTTP commands or physical inputs to trigger playback functions, enabling easy integration and interconnection with other devices.

SPECIFICATION

Speaker

Speaker Component	5" woofer unit + 1"tweeter unit
Sensitivity	88dB (1M/1W/1KHz)
Max SPL	101dB (1M/20W/1KHz)
Amplifier	Class-D
Rated power	15W(Use PoE) 20W(Use PoE+)
Frequency Response	75Hz~20KHz
Coverage Pattern	884Hz:H230°/V230° 1.77KHz:H83°/V83° 3.54KHz:H120°/V120° 7.07KHz:H150°/V150°

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

Network

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

SPECIFICATION

Interface

Network I/F	RJ45 Connector, support PoE IEEE 802.3af/at
Bluetooth Input	×1, 2.4GHz

Mechanical & Environment Properties

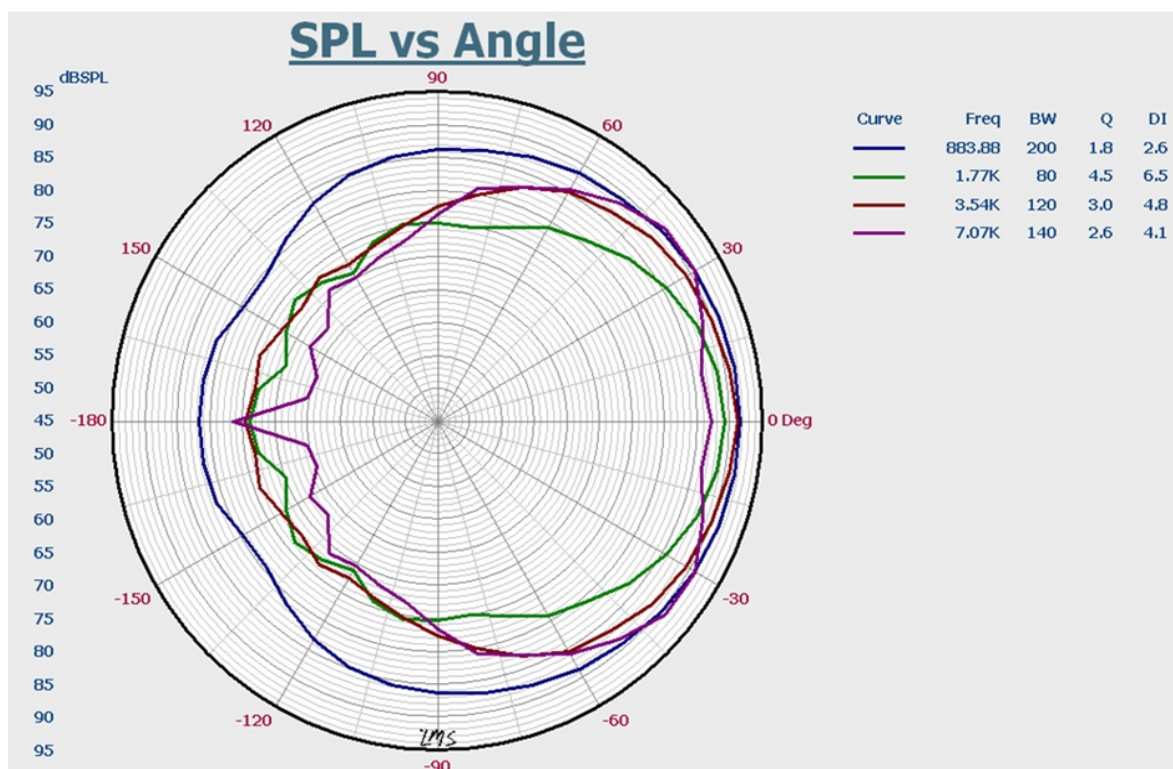
Housing Material	ABS+Iron
Color	Black or White
Working Temp	0°C~+50°C
Humidity	≤90% RH non-condensing
Mounting Method	Ceiling Suspension
Installation Environment	Indoor Locations
Dimensions	φ193*261mm
Weight	2100g
Warranty	2 Years

ACCESSORIES

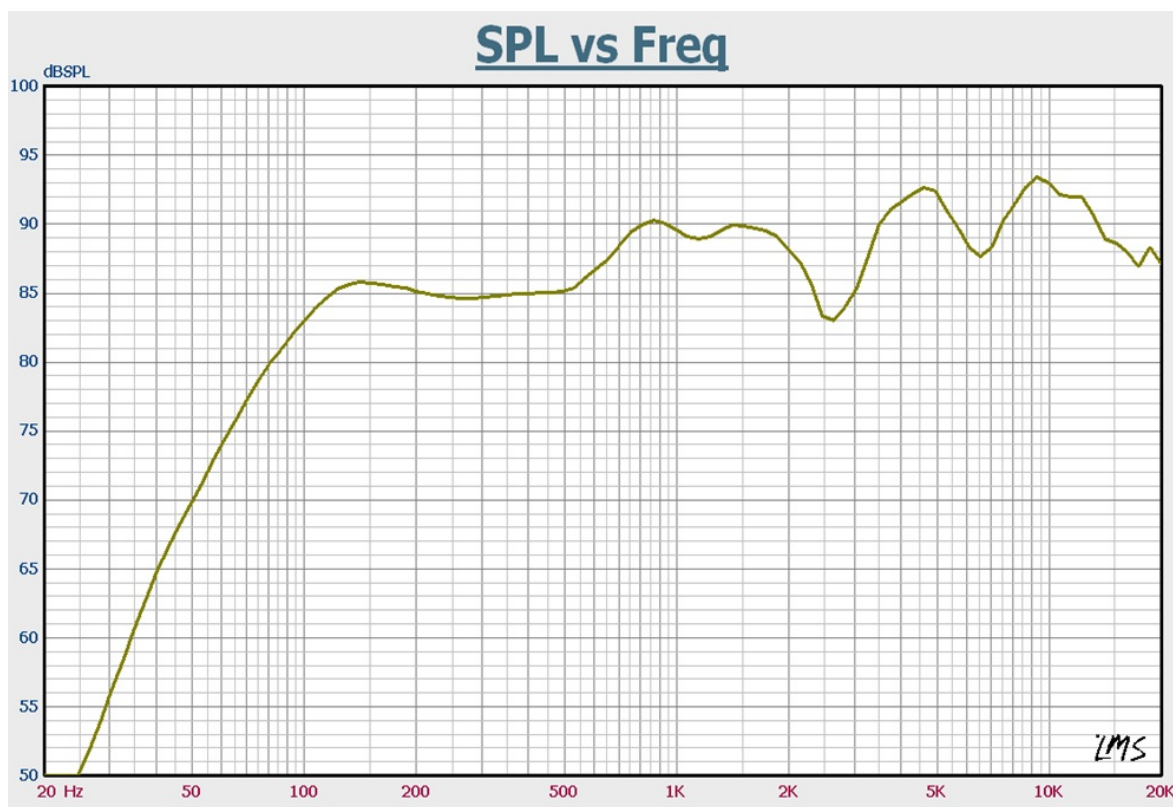
1×Suspension rope
1 × Installation Manual

SPECIFICATION

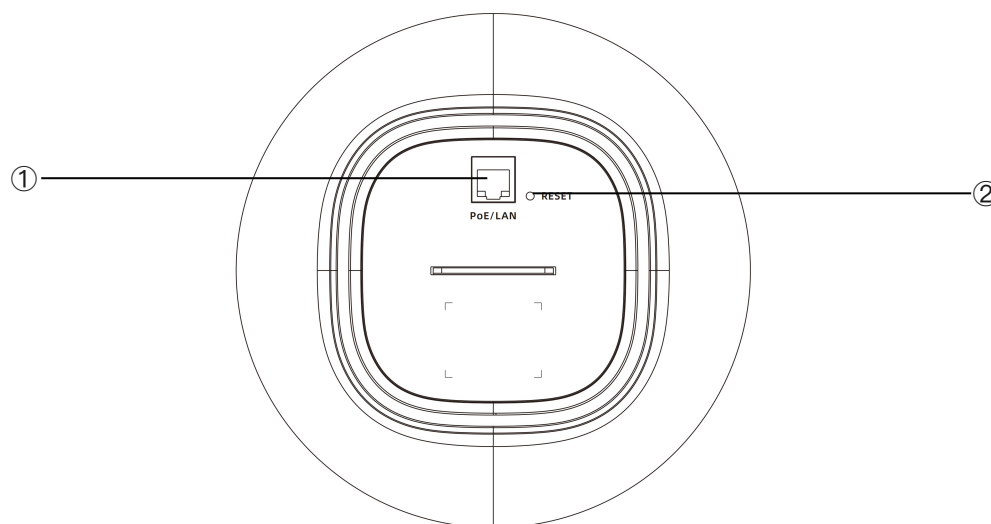
【Horizontal and Vertical Loudspeaker Directivity】



【Frequency Response Curve】



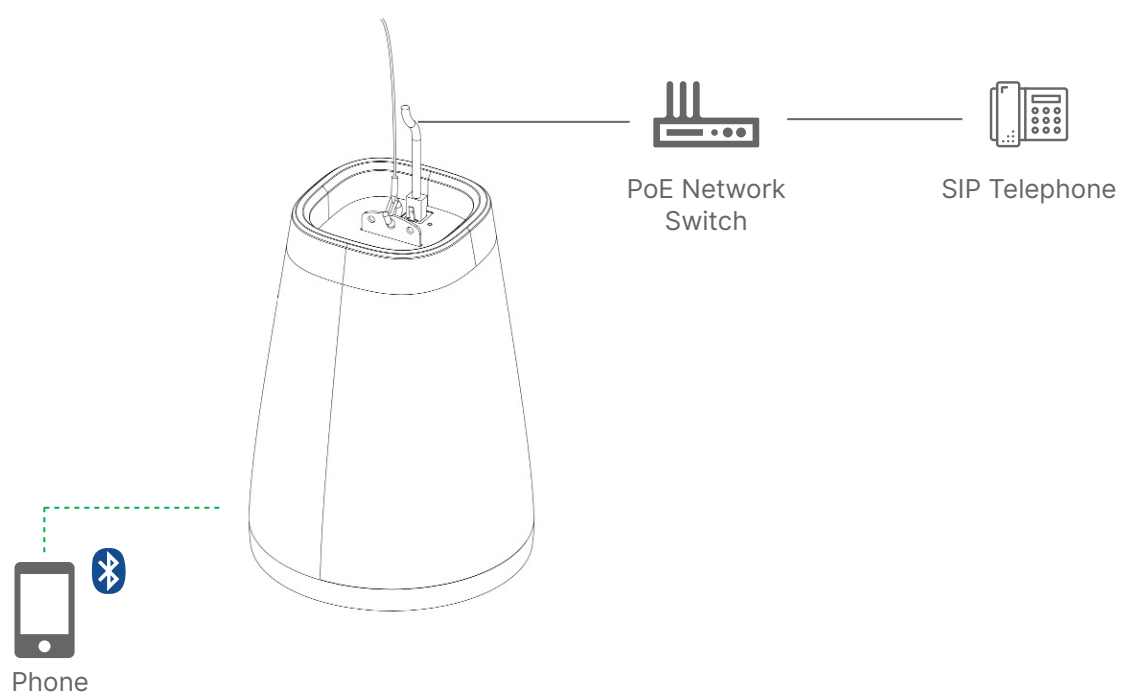
INTERFACE DESCRIPTION



①RJ45 Connector

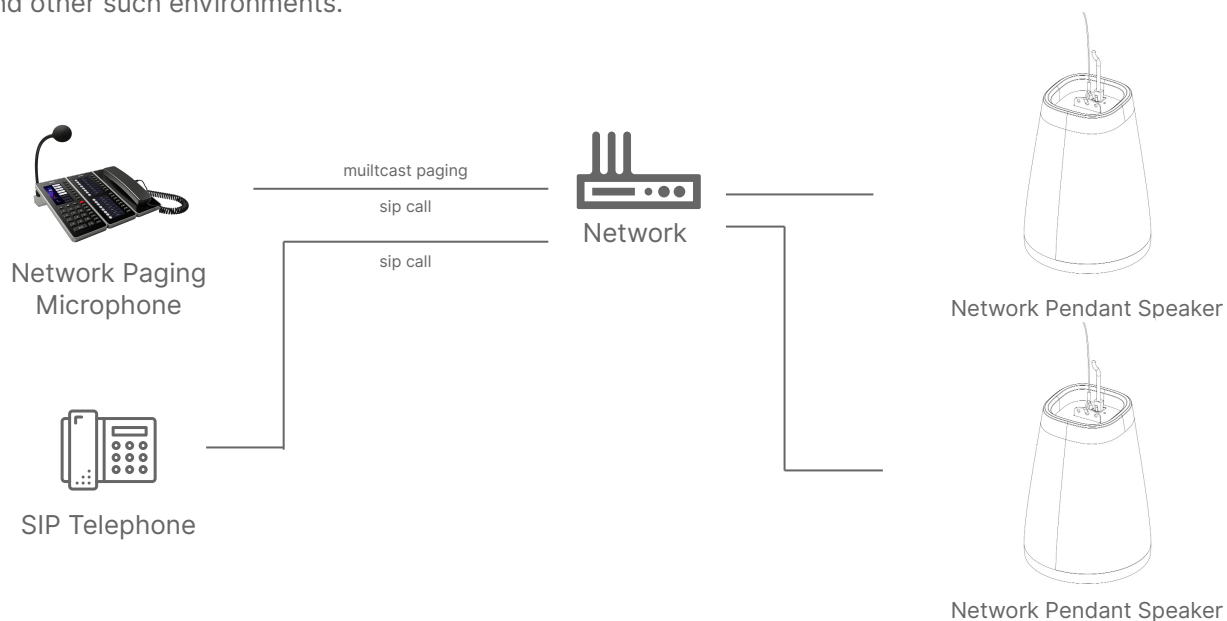
②Reset Button

CONNECTION DIAGRAM

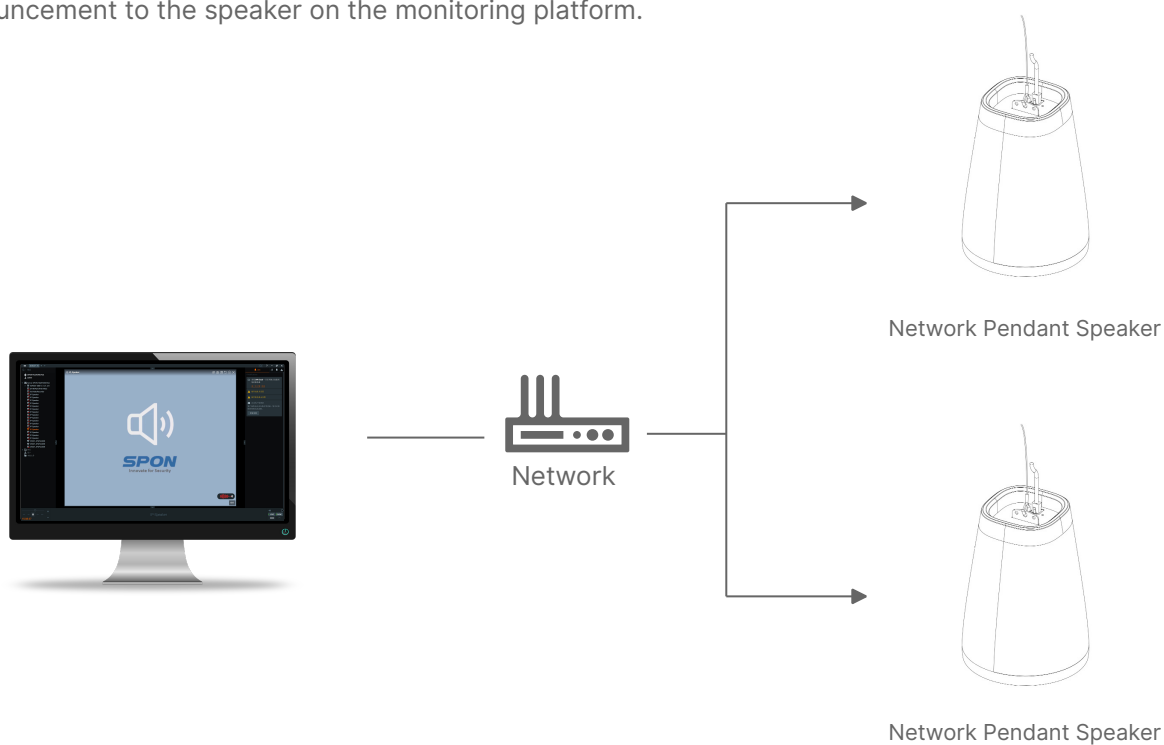


APPLICATION

The GEN-6511A02 Network Pendant 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 supermarkets, gyms, restaurants and other such environments.



The Network Pendant Speaker GEN-6511A02 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

