



GEN-6214A01

Network ceiling speaker

The GEN-6214A01 is a PoE powered ceiling speaker that supports SIP and VMS calls, handles up to 20 multicast streams, and stores 20 audio files. It features priority management, timers, custom event actions (via HTTP API), and supports up to three external constant impedance speakers, ideal for use in hotels, stores, and similar settings.

SIP

Onvif

POE

Multicast



MAIN FEATURES

▲ Audio Integration and Flexibility

The GEN-6214A01 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

The speaker features a simple design with spring clamp installation, making the setup process quick and easy. Additionally, the GEN-6214A01 supports remote control via HTTP commands or physical inputs to trigger playback. It includes 2 control inputs, facilitating easy integration with other devices.

SPECIFICATION

Speaker	
Speaker Component	6" Full-range unit
Sensitivity	91dB(1M/1W/1KHz)
Max SPL	98dB(1M/6W/1KHz)
Amplifier	Built-in Class-D
Rated power	6W(Use POE/POE+)
Frequency Response	140Hz~20KHz
Coverage Pattern	884Hz:H210°/V210° 1.77KHz:H94°/V94° 3.54KHz:H54°/V54° 7.07KHz:H30°/V30°
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	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

SPECIFICATION

Interface

Network I/F	RJ45 Connector, support PoE IEEE 802.3af/at
Bluetooth Input	×1, 2.4GHz
Control Input	×2
Audio Output	×1,6W/8Ω
Reset Button	×1

Mechanical & Environment Properties

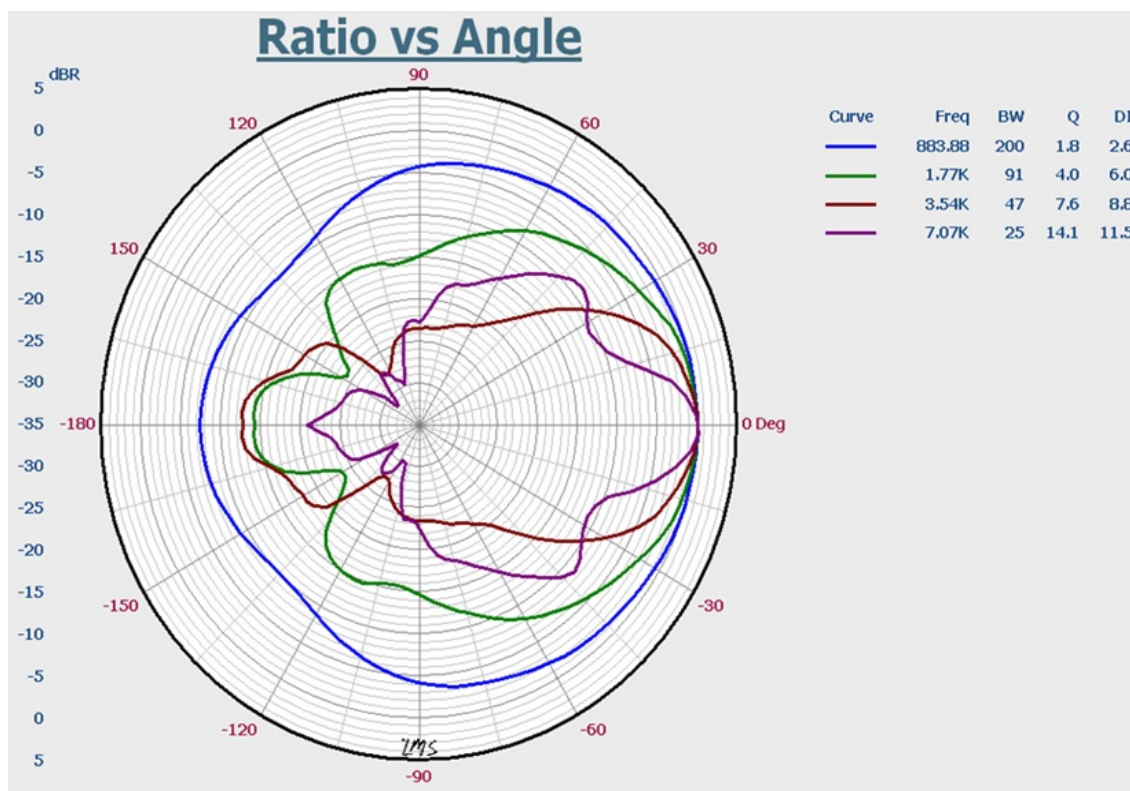
Housing Material	Iron mesh + ABS
Color	White
Working Temp	0°C~+50°C
Humidity	≤90% RH non-condensing
Mounting Method	Recessed Installation
Installation Environment	Indoor Locations
Dimensions	φ186*113mm
Hole Dimension	φ170mm
Weight	1250g
Warranty	2 Years

ACCESSORIES

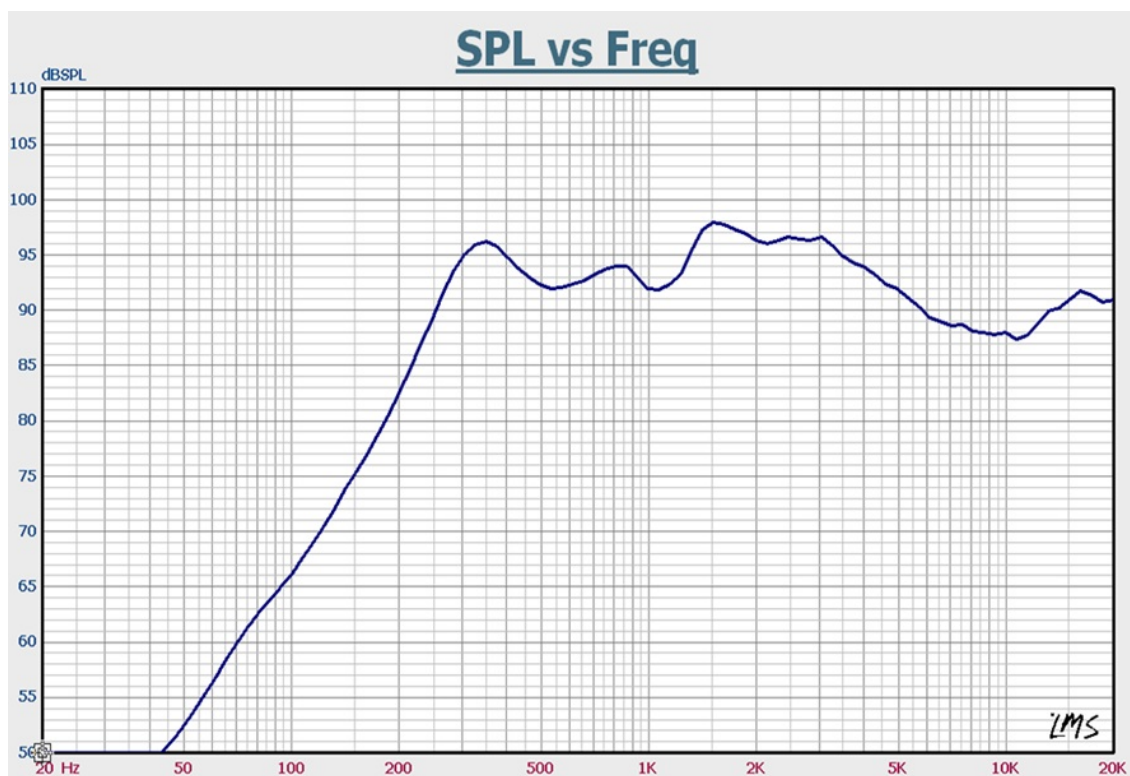
1×6pin Terminal(3.81-6P)
1 × Installation Manual

SPECIFICATION

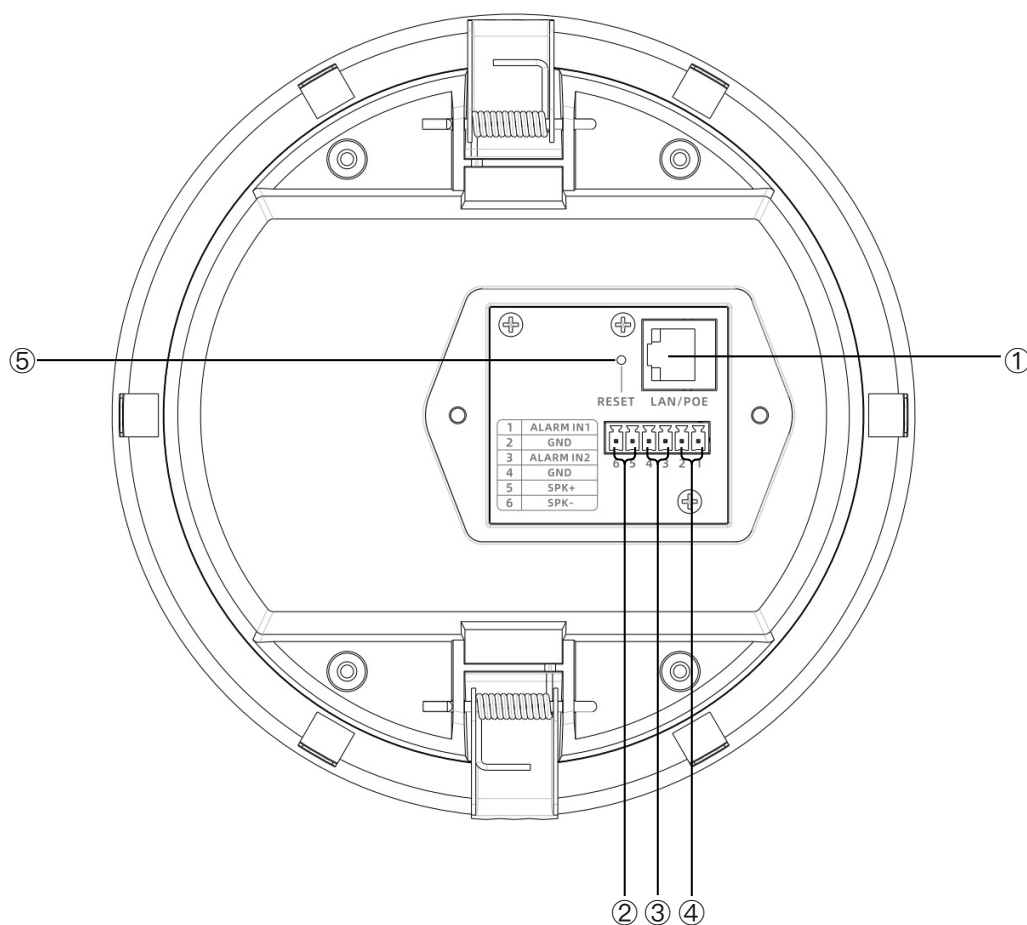
【Horizontal/Vertical Loudspeaker Directivity】



【 Frequency Response Curve】



INTERFACE DESCRIPTION



①RJ45 Connector POE Power Input

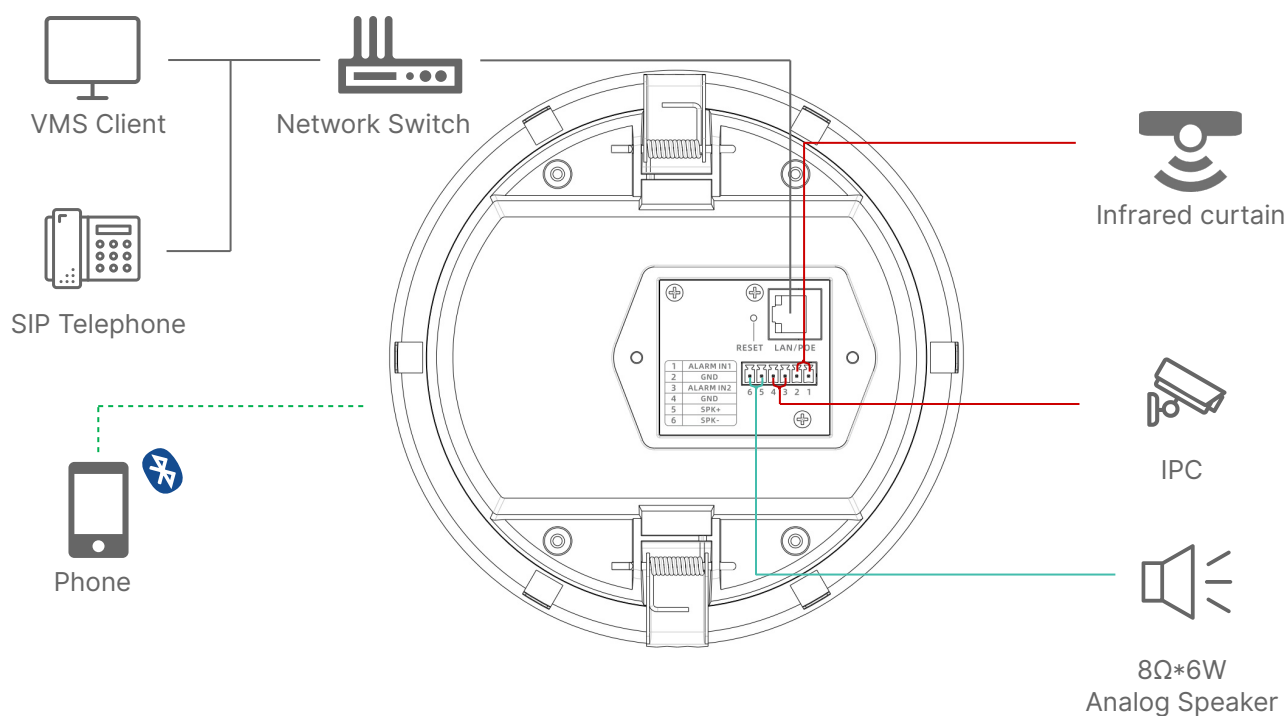
②Speaker Output

③Alarm Input 2#

④Alarm Input 1#

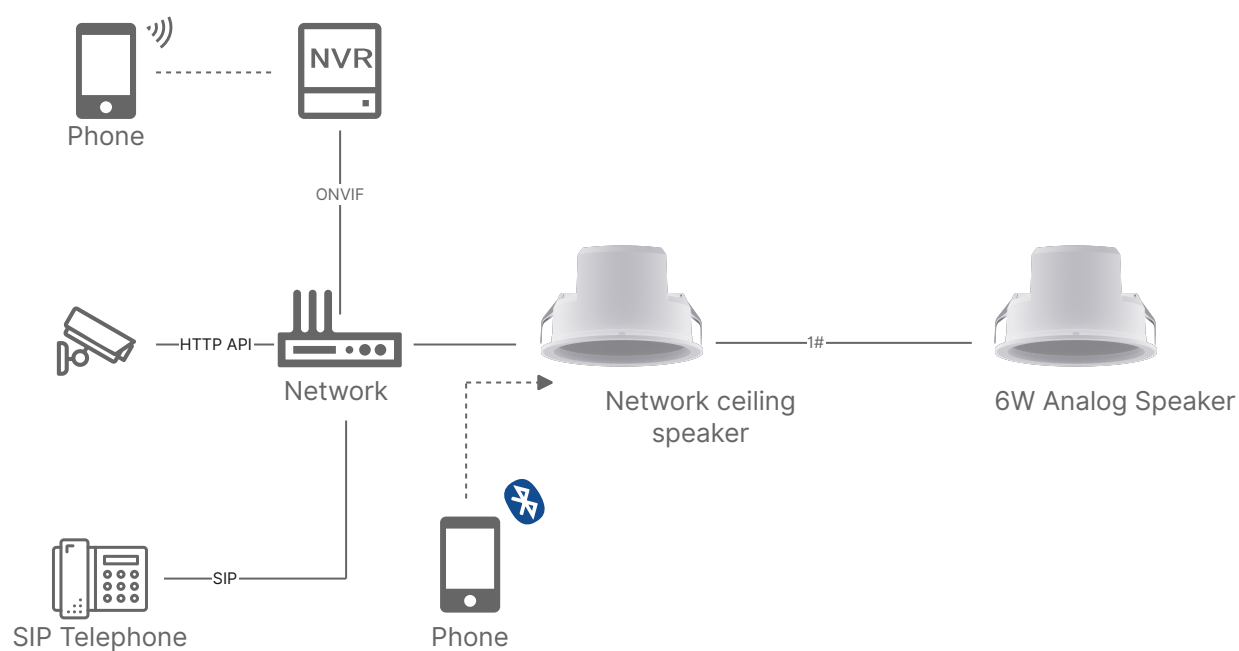
⑤Reset Button

CONNECTION DIAGRAM



APPLICATION

The GEN-6214A01 network ceiling speaker supports direct calls from SIP or VMS platforms and includes three analog speaker interfaces for connecting up to one 8Ω 6W speakers, offering better sound coverage. It also features Bluetooth for mobile audio playback, making it ideal for retail environments.



INSTALLATION

