SPON

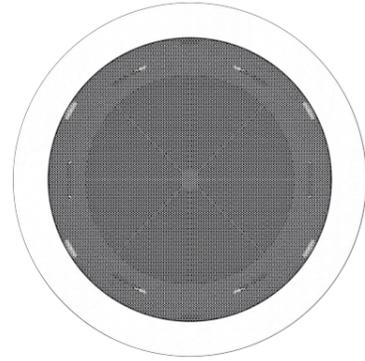# INSTALLATION GUIDE

Network Ceiling Speaker
GEN-6213A01

Preamble

- **About This Document**
  - This guide provides essential safety and usage instructions for network audio products, intended for users, installers, and maintenance personnel.
  - The Company reserves the right to update this document without notice. Changes will be reflected in future versions. While efforts are made to ensure accuracy, technical details, functions, and descriptions are subject to final interpretation by the Company.
  - Please read all sections before use. This document applies to multiple product models; refer to the actual product for specific features and appearance.

Safety Instructions for Use

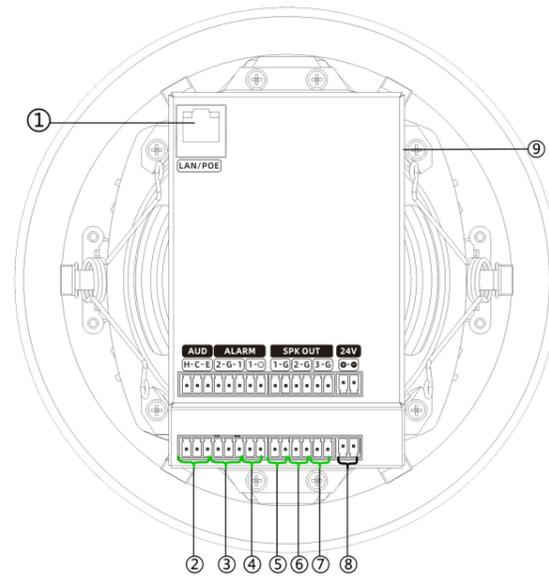- **Transportation Requirements**
  - **Packaging**: Always use the original packaging or equivalent protective materials to prevent damage during transit. Ensure the product is securely fixed inside the packaging.
  - **Handling**: Avoid dropping, shaking, or subjecting the product to excessive force.
  - **Environment**: Do not expose the product to extreme temperatures, moisture, or direct sunlight during transportation.

- **Storage Requirements**
  - Temperature and Humidity: Store the product in a dry environment with a temperature range of -20°C to 60°C (-4°F to 140°F) and humidity below 85% RH.
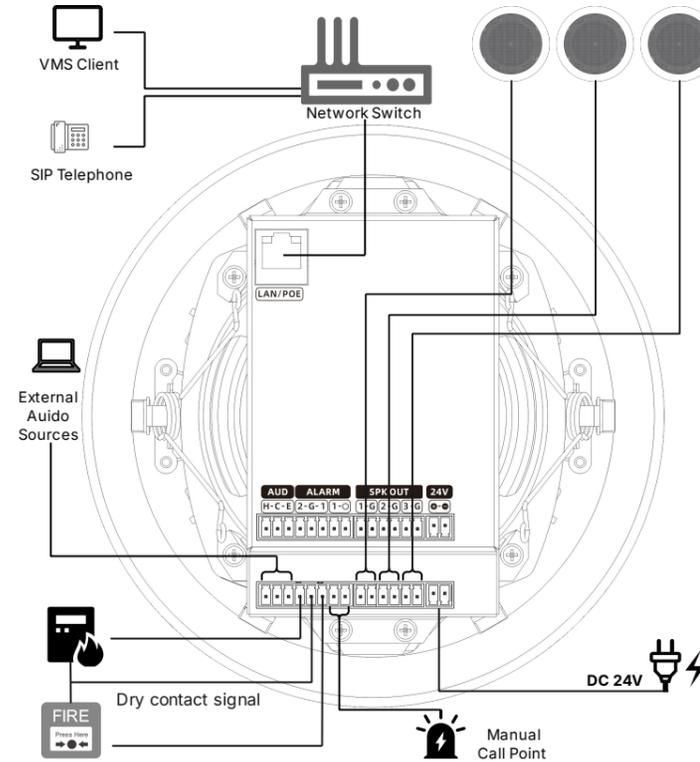
- Placement: Avoid stacking heavy objects on top of the product. Store it in a clean, dust-free area away from corrosive substances. Power Off: Ensure the device is fully powered off before long-term storage.

○ **Installation Requirements**
- Location: Install the product in a well-ventilated area, away from heat sources, moisture, and flammable materials.
- Mounting: Follow the installation guide to securely mount the device on a wall or surface. Use only the provided mounting accessories.
- Power Supply:
- Use a DC 24V power adapter with the correct specifications or a compatible PoE (Power over Ethernet) injector/switch compliant with IEEE 802.3af/at standards.
- Ensure cables are routed to avoid tripping hazards or physical damage.

○ **Operation Requirements Environment**
- Safety: Do not touch the device with wet hands. Avoid handling cables during thunderstorms to prevent electric shock. Power Management: Ensure proper grounding and avoid overloading power circuits.

Device terminal
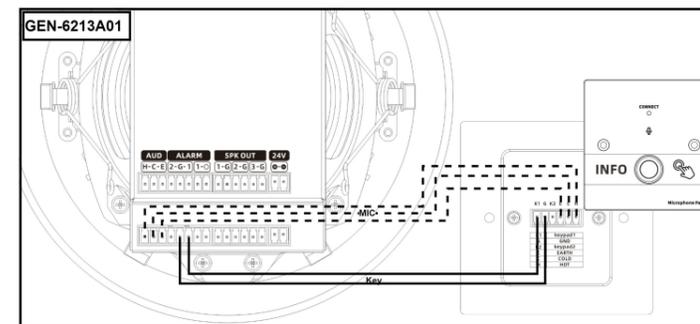

① **RJ45 Connector:** Supported only with POE power supply
② **Line/Mic Input Terminal:** Connects with a microphone or sound source device.
③ **Alarm Input Terminal:** Used for receiving external dry contact signal triggers.Configurable Interlinked Tasks, including: Pattern, SIP/P2P Calls, Broadcast Disable.
④ **Alarm Output Terminal:** When a relevant task is received, it can trigger a short-circuit output signal
⑤ **Speaker Output 1#Terminal:** Supports a 3W, 8Ω speaker.
⑥ **Speaker Output 2#Terminal:** Supports a 3W, 8Ω speaker.
⑦ **Speaker Output 3#Terminal:** Supports a 3W, 8Ω speaker.
⑧ **Power Input:** Supports DC 24V power supply.
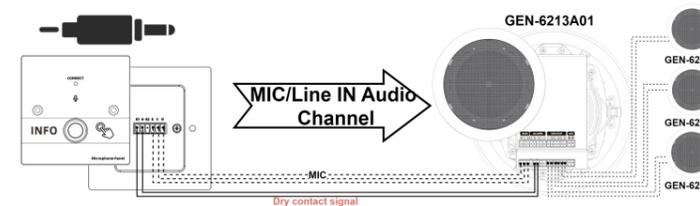⑨ **Reset Button:** Press and hold the reset button for 5 seconds, then release. The device will automatically restart
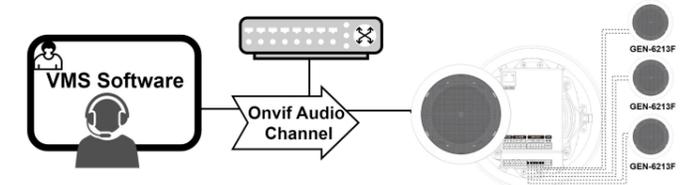
CONNECTION DIAGRAM
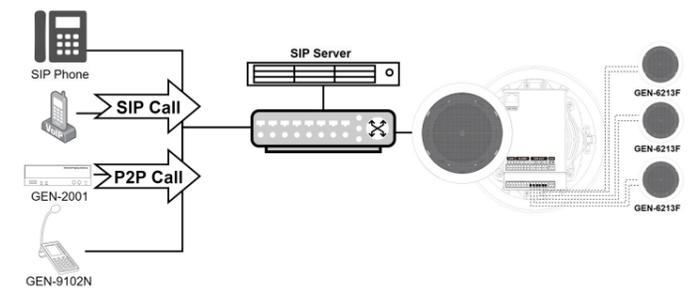

Connections to Microphone panel
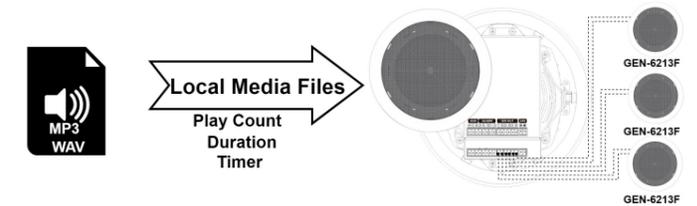

MIC/LINE IN Application
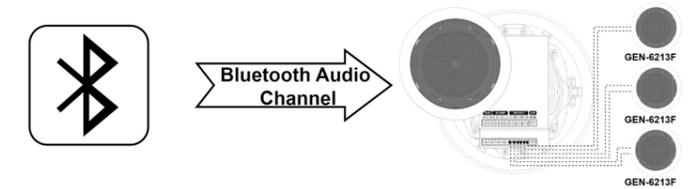

ONVIF Application

SIP/P2P Application

Local Media Files Application

Bluetooth Audio Application

Device Network Configuration

You can initialize the device and modify the IP address through the IP scanning configuration tool and WEB interface, and this article takes the IP scanning configuration tool as an example. Please contact the technical support to get the installation package, and please refer to the instruction manual of the WEB interface for the operation of the WEB interface.

- The default IP address of the device is 192.168.1.101, you need to make sure that the IP address of your PC is on the same network as the device when you use the WEB page to configure.
- Open the scanning tool and click Quick Scan.

Scan Configuration Tool

		Quick Scan Terminal Configuration Tool			Quick Scan		Designated Scan
Manage							
Config	Serial	ID	Device Type	Firmware	Version	Terminal MAC	Terminal IP	Server IP
Upgrade	1	1	GEN-2001	Std_24_EN	V1.0.0	F4:15:35:01:02:03	192.168.1.11	192.168.1.13
	2	2	GEN-3001	Std_24_EN	V1.0.0	F4:15:35:01:02:03	192.168.1.11	192.168.1.13
Setting	3	3	GEN-3102	Std_24_EN	V1.0.0	F4:15:35:01:02:03	192.168.1.11	192.168.1.13
	4	4	GEN-6392	Std_24_EN	V1.0.0	F4:15:35:01:02:03	192.168.1.11	192.168.1.13
	5	5	GEN-6011	Std_24_EN	V1.0.0	F4:15:35:01:02:03	192.168.1.11	192.168.1.13

- Click[⚙Config] from the sidebar and then check the end devices to be configured.
- Open the scanning tool and click Quick Scan.
- Configure according to on-site requirements: ID, terminal IP, server IP, gateway IP, subnet mask. Click [OK], the configuration will be automatically delivered, and the device will automatically restart after completing the configuration.

Scan Configuration Tool

Manage	Basic Parameters	Extended Parameters	
Config	Terminal MAC	ID	Terminal IP
	F4:15:35:01:02:03	11	192.168.1.102
Upgrade	Server IP	Gateway IP	Subnet Mask
	192.168.1.13	192.168.1.1	255.255.255.0
Setting	SIP Server Port	NAS Server Port	Terminal Port
	5060	2048	5060
	Backup Terminal Port		
	2048		OK

WEB Login Example

- Open the browser, enter the IP address of the device in the address bar, and press Enter.
- Input user name and password, Default username and password are both admin
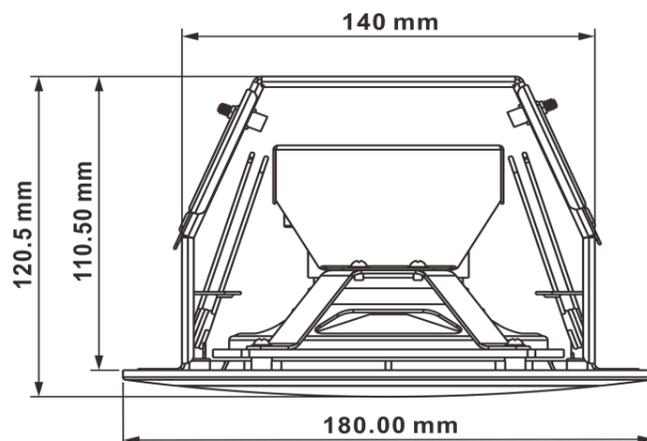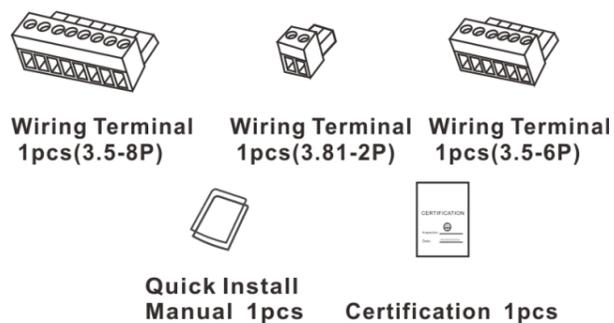- Click the Login button to complete the login

http://192.168.1.101/#/login

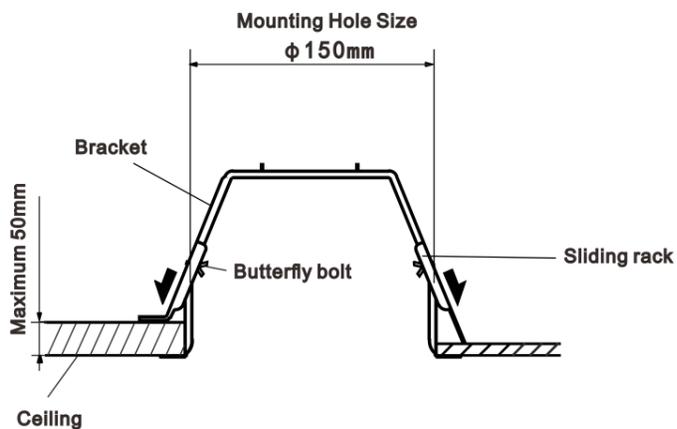| Default User Name: | admin | → | User name |
| Default Password: | admin | → | Password |

English

Login

Product Packing List& Dimensions

Wiring Terminal 1pcs(3.5-8P)   **Wiring Terminal 1pcs(3.81-2P)**   **Wiring Terminal 1pcs(3.5-6P)**

Quick Install Manual 1pcs   **Certification 1pcs**

140 mm

120.5 mm   110.50 mm

180.00 mm

Installation Scenario

Mounting Hole Size φ150mm

Maximum 50mm

Bracket
Butterfly bolt
Sliding rack
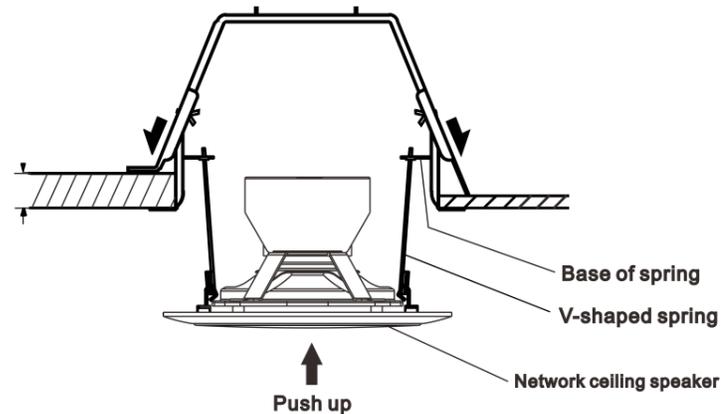Ceiling

Step 1. Drill a 150mm diameter hole in the ceiling at the desired location.
Step 2. Insert the mounting bracket into the hole.
Step 3. Loosen the butterfly bolt on the bracket, adjust the slider in the direction of the arrow.
Step 4. Secure the bracket and slider to the ceiling, then tighten the butterfly bolt.
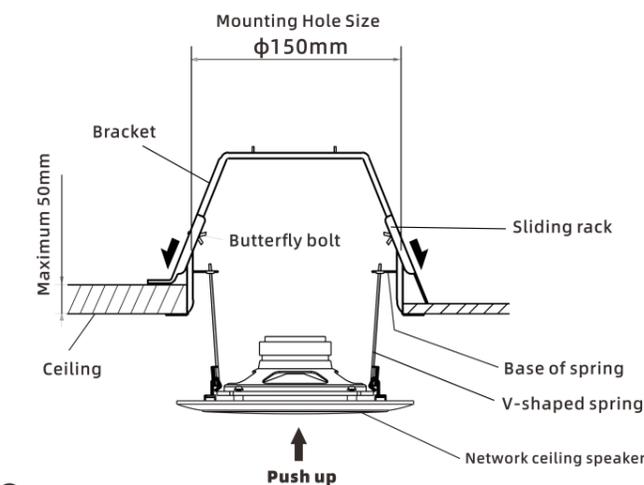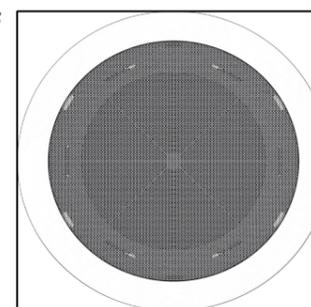
Note: For ceilings thicker than 50mm, bend the bracket accordingly.

Base of spring
V-shaped spring
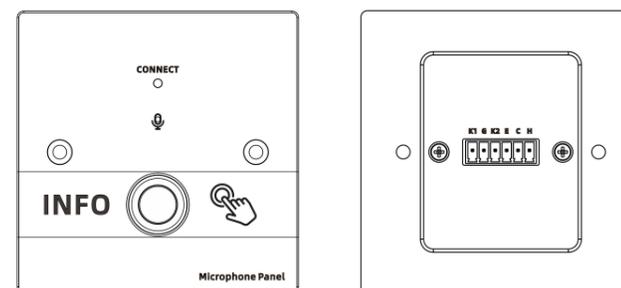Network ceiling speaker
Push up

Step 5. Press both sides of the V-spring on the speaker, lock it onto the bracket's spring seat, then push the speaker upward into the ceiling hole.

Optional accessories

○ **GEN-6213F**

Mounting Hole Size φ150mm

Maximum 50mm

Bracket
Butterfly bolt
Sliding rack
Ceiling
Base of spring
V-shaped spring
Network ceiling speaker
Push up

○ **GEN-4101**

CONNECT
INFO
Microphone Panel

K1	keypad1
G	GND
K2	keypad2
E	EARTH
C	COLD
H	HOT

FAQ

○ **Forget IP**
- Use ip scanning configuration tool to configure parameters
- Long press the reset button of the device for 5s and then release it, the device will restart automatically after successful reset (IP after reset: 192.168.1.101)

○ **Forgot WEB Password**
- Long press the reset button of the device for 5s and then release it, the device will restart automatically after successful reset (Password after reset: admin)

○ **Unable to Log in to the Server**
- Check whether the IP of the device and the IP of the server can communicate and whether the network cable is good.
- Check the correctness of the user name or password.
- Check whether the device account has server-related privileges.

○ **Unable to Connect to Bluetooth or Bluetooth Playback Sound Jams**
- check whether to open the device Bluetooth function (need to go to the device WEB page to open, the default off)
- Check whether the name of the cell phone connection Bluetooth is correct (you can go to the device WEB page settings)
- equipment and cell phones or other Bluetooth signal is not good, you can try to try to connect in close proximity.

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We provide you with more convenient services. Please contact us through the following ways to obtain more information.

- Tel:+86 731 8557 0190
- Mob/WhatsApp:+86 138 7314 3517
- Company Email:inquiry@sponcomm.com
- Address:No.70, Nantang Road, High-tech Zone, Changsha, China.

Since 2004, SPON has been a leading IP Audio solution provider in China, initially focusing on education and now serving diverse industries like finance, transportation, and public spaces. Our product portfolio includes IP Public Address Systems, IP Intercom Systems, Digital Conference Systems, and Surveillance Microphone Systems, all adhering to international standards such as 3C, CE, SRRC, ISO 9001, and ISO 14001. At SPON Communications, our mission is to be a globally trusted leader in IP audio solutions, delivering innovative and reliable products that meet customer needs and advance intelligent audio communication.