



GEN-9102N

Network Paging Microphone

The GEN-9102 is a multi-button High Performance microphone, that initiates SIP/P2P calls, multicast paging, and HTTP command with one button, no server required. It includes 1GB storage, supports file uploads, and can be expanded with two sub-screens and a handset.

SIP

POE

Multicast

P2P

MAIN FEATURES

▲ Flexible Scene Switching

- Functional Keys: Up to 40 multifunctional keys for quick task initiation across various scenarios.
- Call Scenario: Compatible with standard SIP servers, featuring a numeric keypad for personalized DTMF commands. Supports 100 P2P account add for intercom use without a server.
- Broadcast Scenario: One-click emergency broadcasts and support for 20 multicast groups for targeted content delivery. Supports simultaneous BGM, alarms, and voice announcements.
- Signal Linkage: Triggers short-circuit input signals for multicast, SIP calls, P2P calls, or command sets.

▲ Large Capacity Storage

Built-in large capacity storage provides approximately 1GB of media storage space, supporting MP3 and WAV media files as well as pre-recorded files (audio recorded by the user through the microphone). This feature not only saves customers the cost of purchasing TF cards or USB drives but also avoids issues related to poor compatibility and instability often associated with external storage devices.

▲ High-End Business Appearance

Classic silver and black design with a high-gloss black finish, resembling piano lacquer. Expandable with two 4.3-inch color sub-screens and a handset, each displaying 16 quick key names for easy task management.

SPECIFICATION

Power Parameters

Power Supply	DC12V, PoE (IEEE802.3af)
Power Cons	≤3W

Audio & Interface Parameters

Audio Trans	Multicast , ×20(Editable)
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Audio Codec	Opus, PCMU (G.711u), PCMA (G.711a), G.722
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Line Input	×1(3.5mm port)
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Input Sensitivity	-10dB
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Line Output	×1
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Output Sensitivity	-10dB
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Control Input	×1
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Built-in Speaker	×1, 3W
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Speaker Sensitivity	88±3dB / 1m /1W
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Gooseneck Mic	×1, Electret Microphone
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Mic frequency response	50Hz~18KHz
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Mic Sensitivity	-45dB±3dB
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Functional Key	8*5pcs, Onetouch SIP/P2P Call/ Multicast/HTTP command
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Audio Storage	Max 100 audio files , 1024MB
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Audio File Format	WAV, MP3
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Command Set	×10 Sets,20 commands/set
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Network Parameters

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

Mounting Method	Desktop
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Install Env	Indoor Locations
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Working Temp	-10°C~+50°C
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Housing Material	Aluminum, Plastic
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Color	Button Shell:Silver Panel:Black
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Dimensions	257.3×100×77.5mm
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Weight	750g
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Warranty	2 Years
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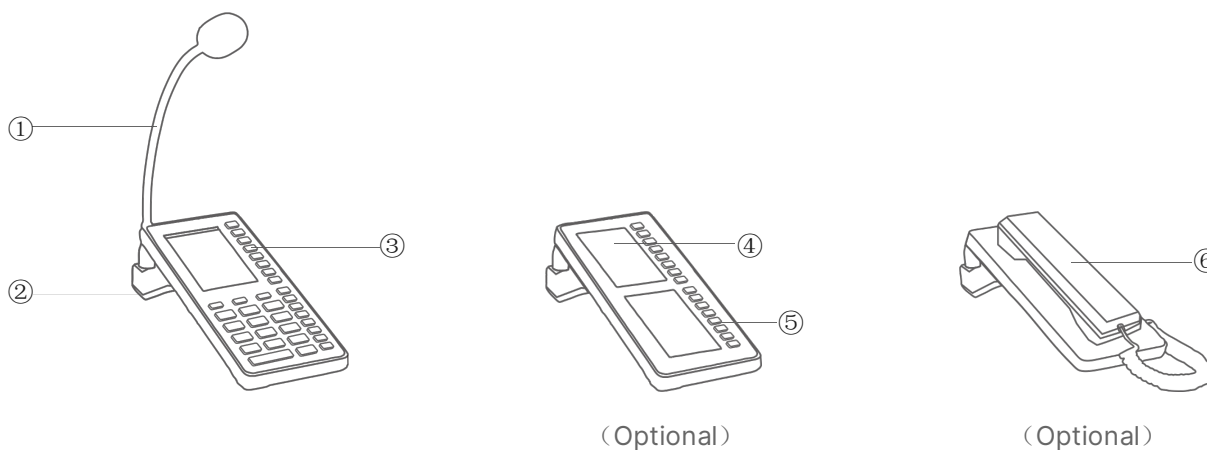
ACCESSORIES

1×Gooseneck Mic

1 × Installation Manual

INTERFACE DESCRIPTION

[Front Panel]



① Microphone Pole

② Built-in Speaker

③ Functional Keys

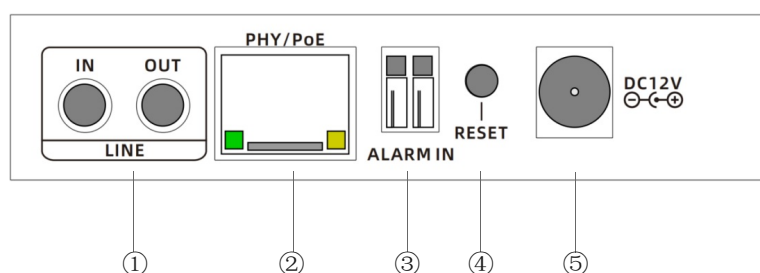
Optional:

④ Display Screen

⑤ Shortcut Keys

⑥ Handset

[Rear Panel]



① Line In/Out Interface

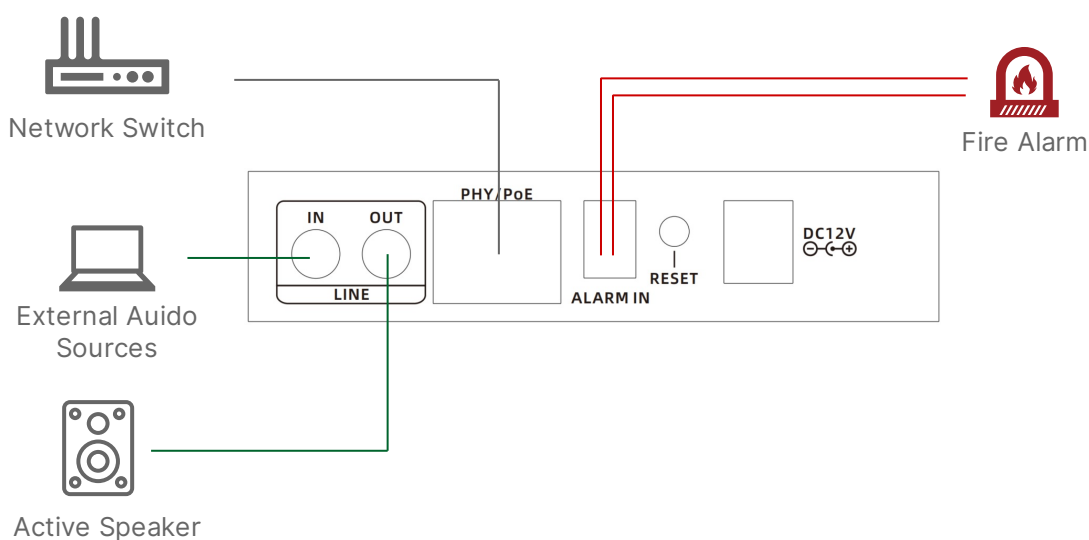
② Network Interface

③ Alarm Input Interface

④ Reset Button

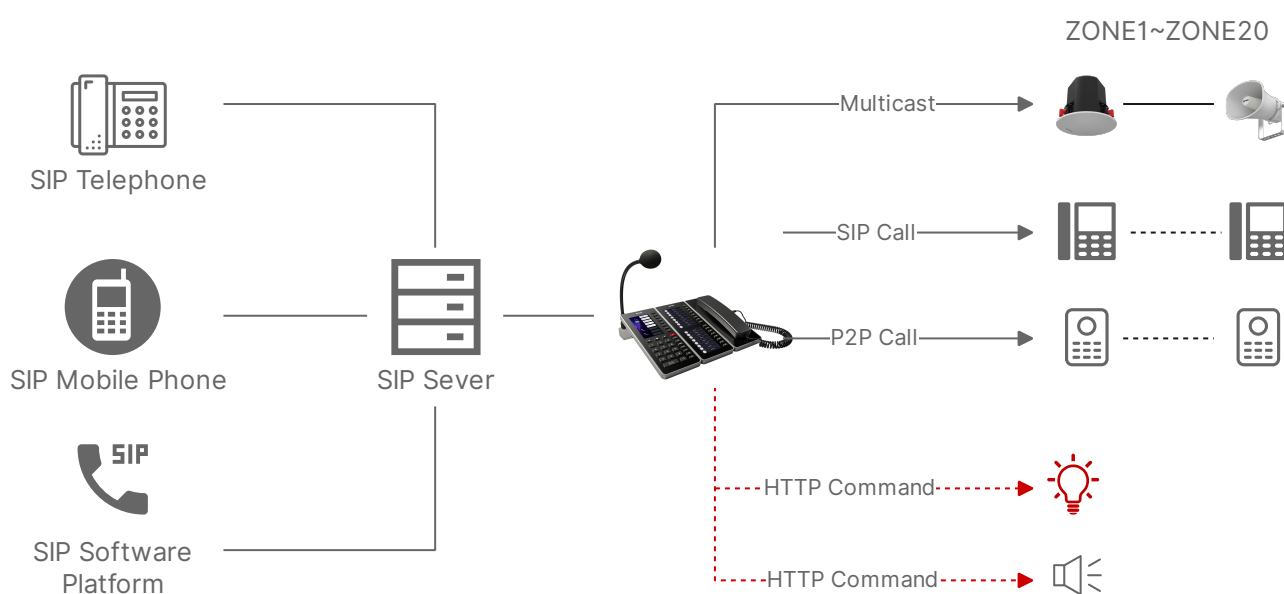
⑤ Power Input Interface

CONNECTION DIAGRAM



APPLICATION

The GEN-9102N network paging microphone is compatible with standard SIP protocols and supports up to 40 multifunctional keys. Additionally, it can initiate SIP/P2P calls, multicast announcements, and HTTP URL command links with a single button press, even in a server-less environment.



Unit: mm

