



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

Speaker

Speaker Component	φ65mm full frequency
Sensitivity	88±3dB (1m/1w)
Rated power	3W

Gooseneck Microphone

Sensitivity	-45dB±3dB
Impedance	250Ω±30%
Frequency Response	50Hz~18KHz

LCD Display

Size	4.3 inches
Resolution	800p*480p

Audio

Audio Input	3.5mm audio jack
Maximum Input Voltage	-10dB
Audio Output	3.5mm audio jack

Button

SOS Key	×1
Information Key	×1
File Key	×1
Recorded Key	×1
P2P Call List Shortcut Key	×1
Broadcast Key	×1
Volume Keys	×2, Volume + and Volume -
Intercom Key	×1
Cancel Key	×1
Navigation Keys	×3
Custom quick keys	×8, F1~F8, Supports Page Turning, 40 Shortcut Keys Accessible
Numeric Dial Keys	×12, 0~9, *#

SPECIFICATION

Audio

Audio Input/Output	3.5mm audio jack
Maximum Input/Output Voltage	-10dB
Audio Transmission	Multicast , ×20(Editable)
Audio Codec	Opus, PCMU (G.711u), PCMA (G.711a), G.722
Audio Storage	1024MB
Audio File Format	WAV,MP3
Command Set	×10 Sets,20 commands/set

Network

Network I/F	100BASE-TX ,RJ45 Connector,Support POE IEEE 802.3af/at
Network Protocol	TCP/IP,UDP,HTTP,RTP,ARP,ICMP,NTP,DHCP,SIP
Config Method	Web Interface or DevConfig Tool

Other Interface

Control Input	×1
Power Input	×1, DC12V
Reset Button	×1

Mechanical & Environment Properties

Mounting Method	Desktop
Installation Environment	Indoor Locations
Housing Material	Aluminum, Plastic
Color	Button Shell:Silver,Panel:Black
Dimensions	257×100×77.5mm
Weight	750g
Operating Temperature	-10°C~+50°C
Warranty	2 Years

ACCESSORIES

1 × Gooseneck Microphone,1×Power Adapter(DC12V/1.5A)/Optional

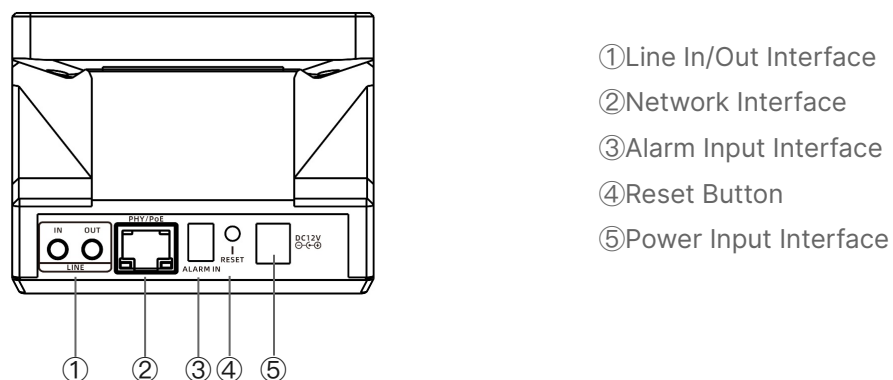
1 × Installation Manual

INTERFACE DESCRIPTION

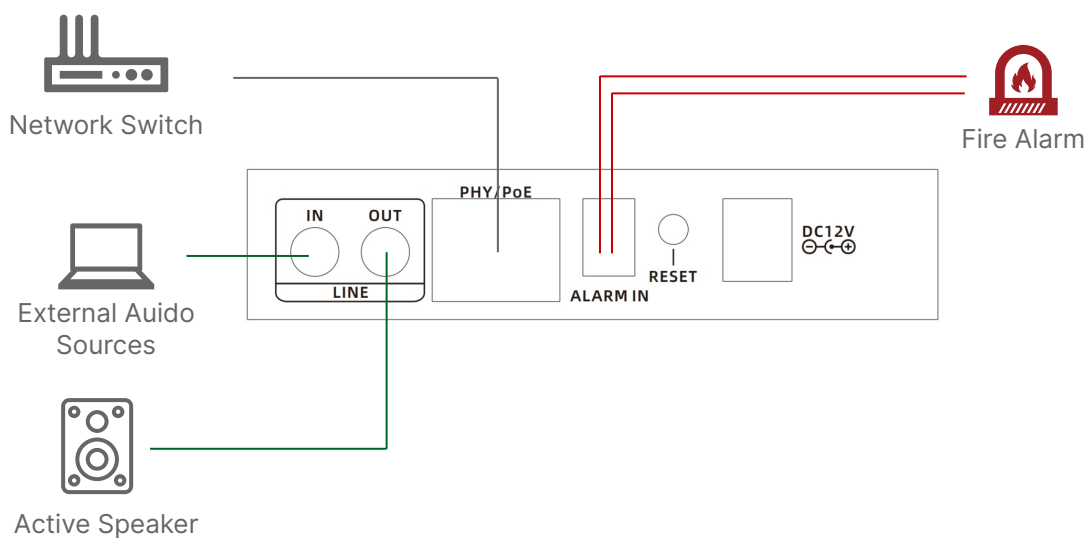
[Front Panel]



[Rear Panel]

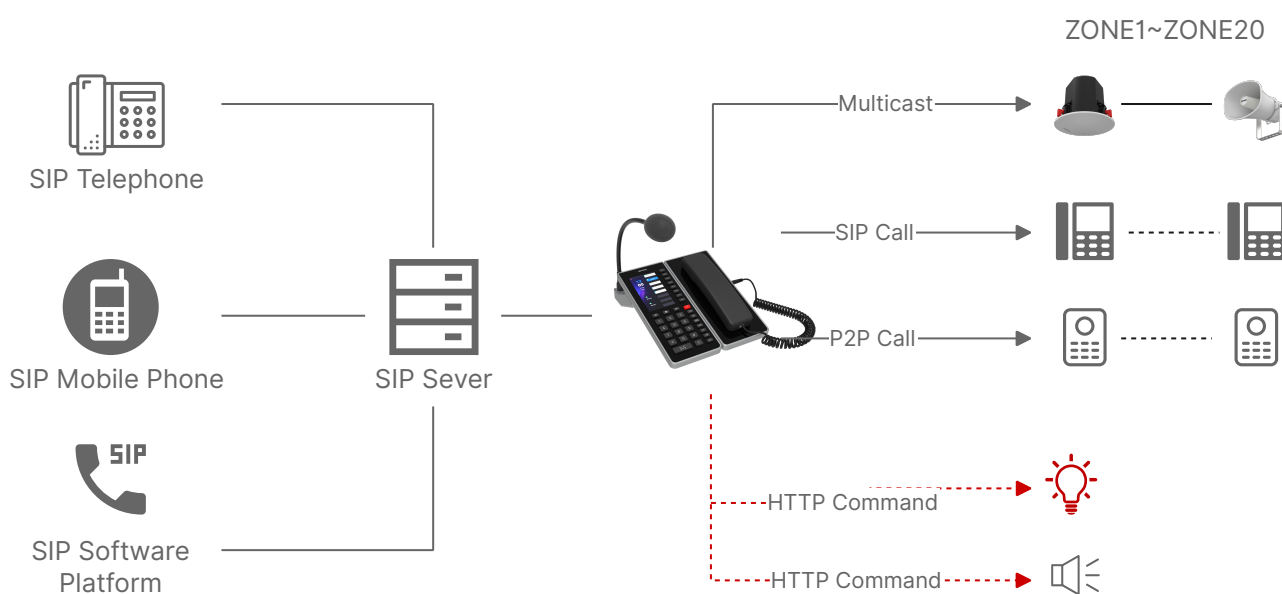


CONNECTION DIAGRAM



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.



INSTALLATION

