GEN-9102N Network Paging Microphone





INTRODUCTION

SPON Netwrok Paging Microphone GEN-9102N is a high-performance multi-button network paging microphone that supports one-touch SIP/P2P calling, multicast paging, and HTTP command triggering without requiring a server. It features 1 GB of local storage, supports file uploads, and can be expanded with two sub-screens and a handset, making it suitable for schools, hospitals, commercial buildings, and various indoor public address applications.

MAIN FEATURES

- **4.3-inch High-Definition Display:** Equipped with a 4.3-inch IPS high-definition display with 800 × 480 resolution for clear and intuitive visual operation.
- **Multi-Function One-Touch Paging:** Supports SIP/P2P calling, multicast paging, and HTTP command triggering, with multiple shortcut keys for efficient and convenient operation.
- **Large Local Storage:** Built-in 1 GB media storage supports file uploads and local playback for diverse paging and broadcasting needs.
- **Rich Expansion Capability:** Supports expansion with two sub-screens and a handset to meet more complex paging and intercom application requirements.
- **PoE/DC Dual Power Supply:** Supports PoE/PoE+ and DC power supply for flexible deployment and easier installation.

POE | Timed Broadcast | Multi-channel Audio Input | Device Management

PARAMETERS:

Network Interface	100BASE-TX, RJ45 Connector
PoE	IEEE 802.3af/at
Network Protocols	TCP/IP, UDP, HTTP, RTP, ARP, ICMP, NTP, DHCP, SIP
Configuration	Web interface or DevConfig Tool
Audio Input/Output	1 × 3.5 mm Audio Jack
Maximum Input/Output Voltage	-10 dB
Audio Transmission	Multicast, up to 20 streams (editable)
Audio Codec	Opus, PCMU (G.711u), PCMA (G.711a), G.722
Audio Storage	1024 MB
Audio File Format	WAV, MP3
Speaker Component	ϕ65 mm Full-Range Speaker
Speaker Sensitivity	88 ± 3 dB (1 m / 1 W)
Speaker Rated Power	3 W
Gooseneck Microphone Sensitivity	-45 ± 3 dB
Gooseneck Microphone Impedance	250 Ω ± 30%
Gooseneck Microphone Frequency Response	50 Hz to 18 kHz
Display Size	4.3 inches
Display Resolution	800 × 480
Command Set	10 sets, 20 commands/set
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, *#
Control Input	1
Numeric Dial Keys	12, 0~9, *#
Power Input	1, DC 12 V

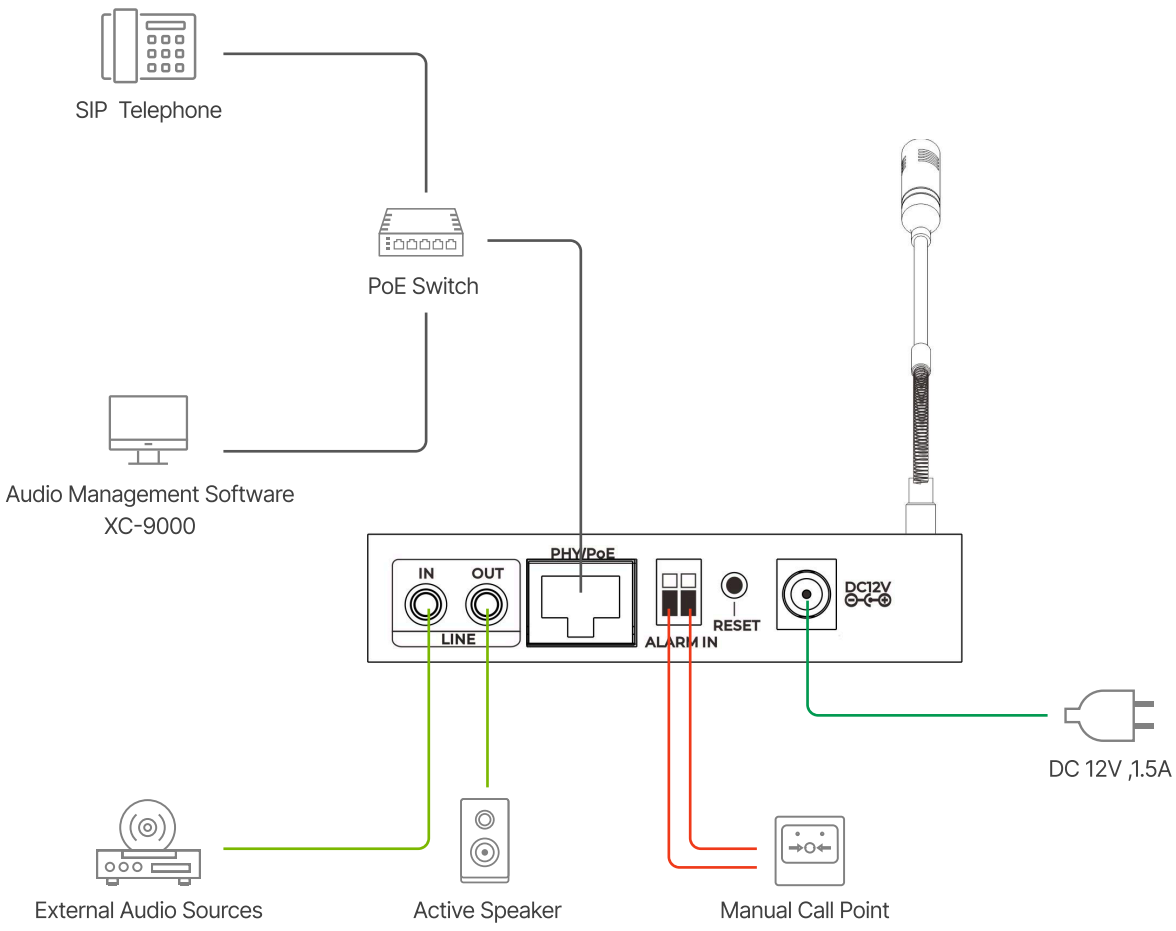
PARAMETERS:

Reset Button	1
Housing Material	Aluminum, Plastic
Color	Button Shell Silver, Panel Black
Mounting	Desktop
Application Environment	Indoor
Operating Temperature	-10°C to +50°C
Operating Humidity	⩽90% RH, non-condensing
Dimensions	257 × 100 × 77.5 mm
Package Dimensions	340× 252× 102 mm
Net Weight:	0.75kg
Warranty	2 years

ACCESSORIES:

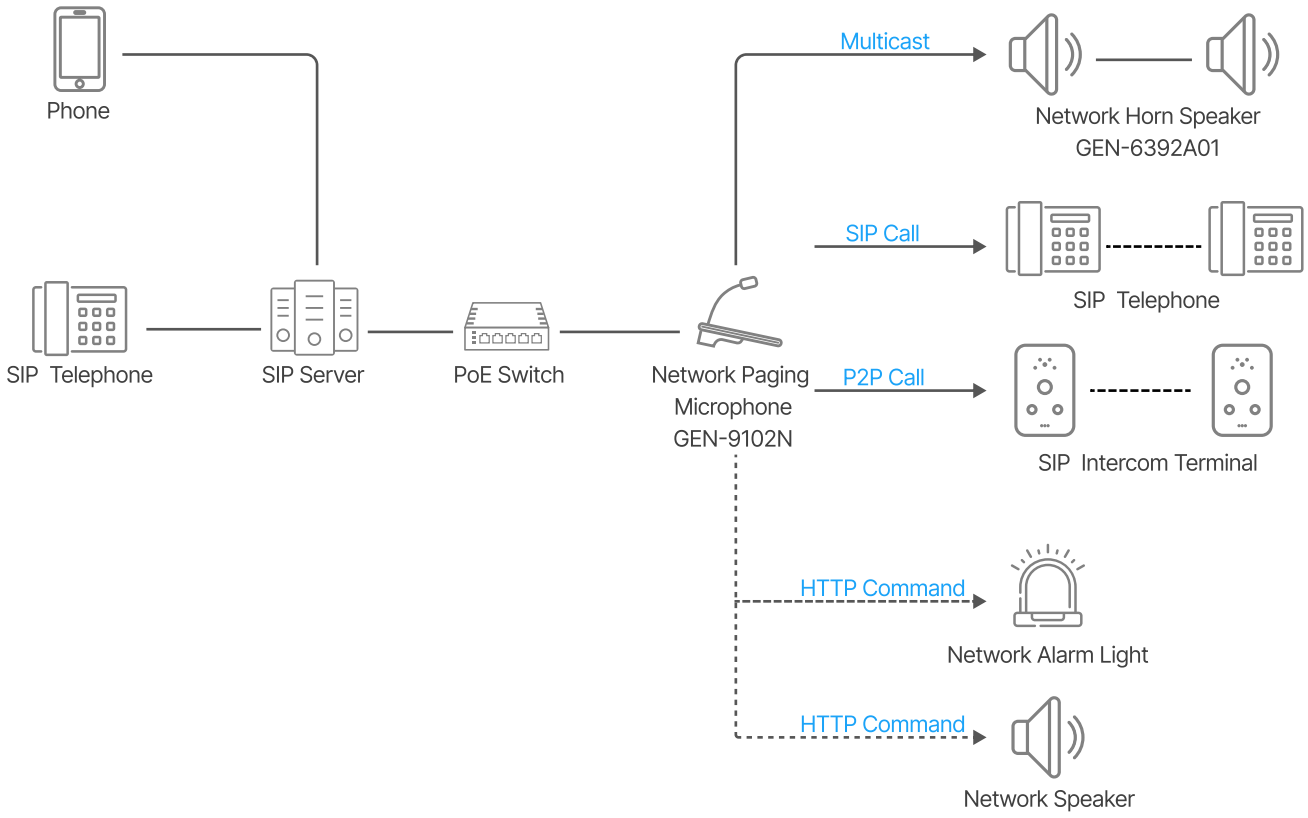
ACCESSORIES	1 × Power Adapter (DC 12 V / 1.5 A, Optional) 1 × Gooseneck Microphone

CONNECTION DIAGRAM

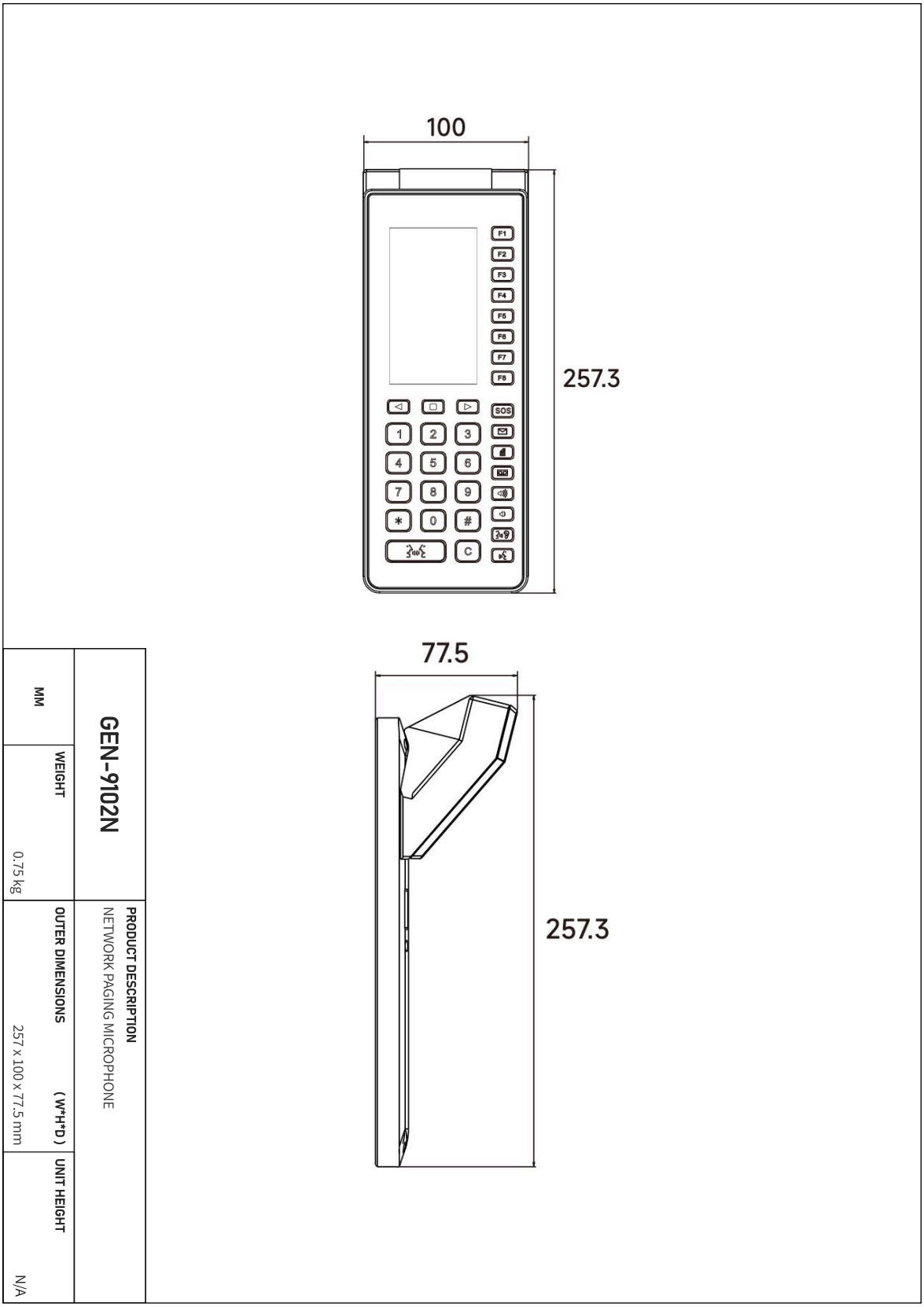


APPLICATION 1

The GEN-9102N Network Paging Microphone is compatible with standard SIP protocols and supports up to 40 multifunctional keys. Additionally, it can initiate SIP/P2Pcalls, multicast announcements, and HTTP URL command links with a single button press, even in a server-less environment.



DIMENSION



GEN-9102N	WEIGHT	OUTER DIMENSIONS (W*H*D)	UNIT HEIGHT
PRODUCT DESCRIPTION	0.75 kg	257 x 100 x 77.5 mm	N/A
NETWORK PAGING MICROPHONE	MM		