# XC-9037N

Network Intercom Master Station

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SPON IP Audio Intercom Master Station XC-9037N is a network high-fidelity audio intercom paging microphone based on TCP/IP, SIP, UDP and other transmission protocols.It can realize intercom, paging and control operations.It has the characteristics of high stability of traditional paging stations, stable and reliable operation and low failure rate. Signal digital transmission design, intelligent control as the core.

SIP IPV4

MAIN FEATURES

1. Display and Audio Features

- 7-inch high-definition capacitive touch screen with 800×1280 resolution.
- Built-in digital audio processor for full duplex and hands-free audio intercom.
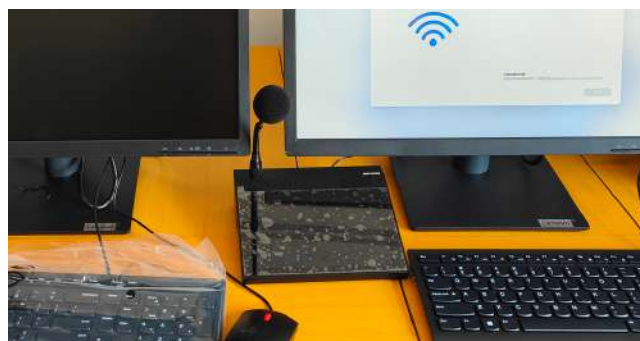
2. Broadcasting and Communication

- Supports file, pre-recorded, and TTS broadcasting to specific zones or terminals.
- Enables initiating and receiving offline calls independently of a server.
- Compatible with standard SIP protocol for easy integration with mainstream SIP PBX systems (Yeastar, Asterisk, Cisco, etc.).
- Customizable ringtones for incoming calls and broadcasts.

3. Monitoring and Call Management

- Online monitoring of other terminals' working status, aiding in debugging and maintenance.
- Features for recording, tracking, and querying incoming and outgoing calls.

SPECIFICATION

POWER PARAMETERS

Power Supply:	DC12V ,1.5A
Standby Power Consumption:	≤10W

AUDIO & VIDEO PARAMETERS

Audio Codec:	MP3, PCM, ADPCM
Audio Sampling & Bit Rate:	8kHz~44.1kHz, 16bit, 8kbps~320kbps
Built-in Speaker:	1.5W ,4Ω
S/N:	＞82dB
Frequency Response:	40Hz-18KHz
Camera:	2 million pixels

NETWORK PARAMETERS

Network I/F:	10BASE-T/100BASE-TX RJ45
Network Protocol:	TCP/IP、UDP、ARP、ICMP、IGMP、HTTP、SIP
Configuration Method:	Web Interface or DevConfig Tool

ACCESSORIES

1×Quick Installation Guide

1×Terminal Blocks(3.55P)

1×Power Adaptor(DC24V/1A)

1×Certificate and warranty card

1×Microphone Rods(IM 320B)

MECHANICAL&ENVIRONMENT PROPERTIES

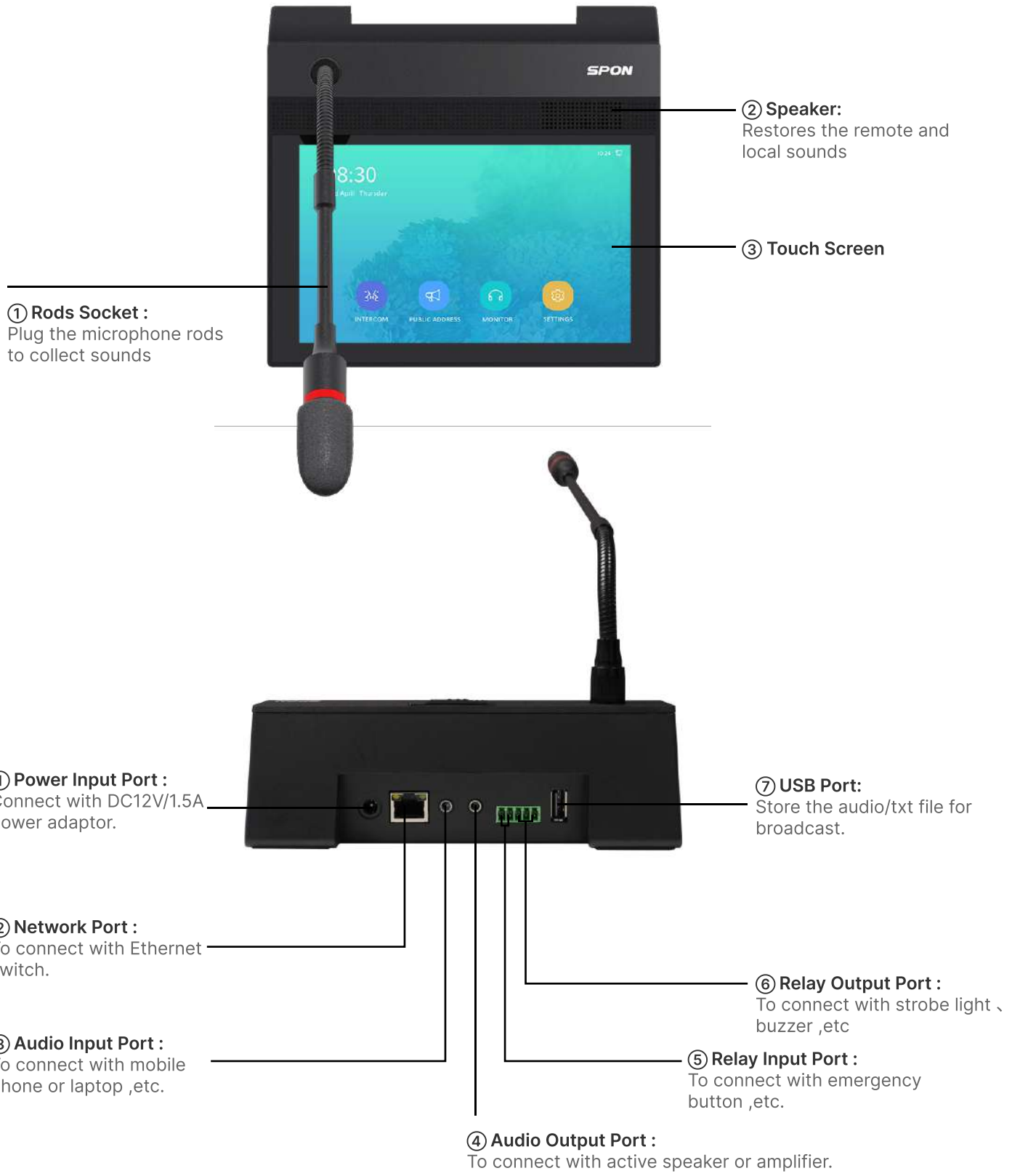|	
Display Screen:	7 inch(1280*800); capacitive touch screen;
CPU:	4-core ARM
RAM:	1G
Memory:	4G
Mounting Method:	Desktop
Installation Environment:	Dry Indoor Locations Only
Operatiing Temperature:	0°C~+45°C (32°F~113°F)
Operating Humidity:	≤90% RH non-condensing
Front Panel Material:	Steel
Housing Material:	ABS
Color:	Black
Product Dimensions:	183.9×169.0×58.4mm
Product Weight:	0.75KG
Product Warranty:	2 Years Limited

PORTS DESCRIBTION

② Speaker:
Restores the remote and
local sounds

③ Touch Screen

① Rods Socket :
Plug the microphone rods
to collect sounds

① Power Input Port :
Connect with DC12V/1.5A
power adaptor.

⑦ USB Port:
Store the audio/txt file for
broadcast.

② Network Port :
To connect with Ethernet
switch.

⑥ Relay Output Port :
To connect with strobe light、
buzzer ,etc

③ Audio Input Port :
To connect with mobile
phone or laptop ,etc.

⑤ Relay Input Port :
To connect with emergency
button ,etc.

④ Audio Output Port :
To connect with active speaker or amplifier.

INTERFACE DESCRIPTION

XC-9000
Centralized Management
Server Software

Ethernet switch

Power Adaptor
DC12V/1.5A Power Input

Mobilephone 、Laptop ,etc
External Audio Sources

Active spekaer、Amplifier ,etc
External Output Equipment

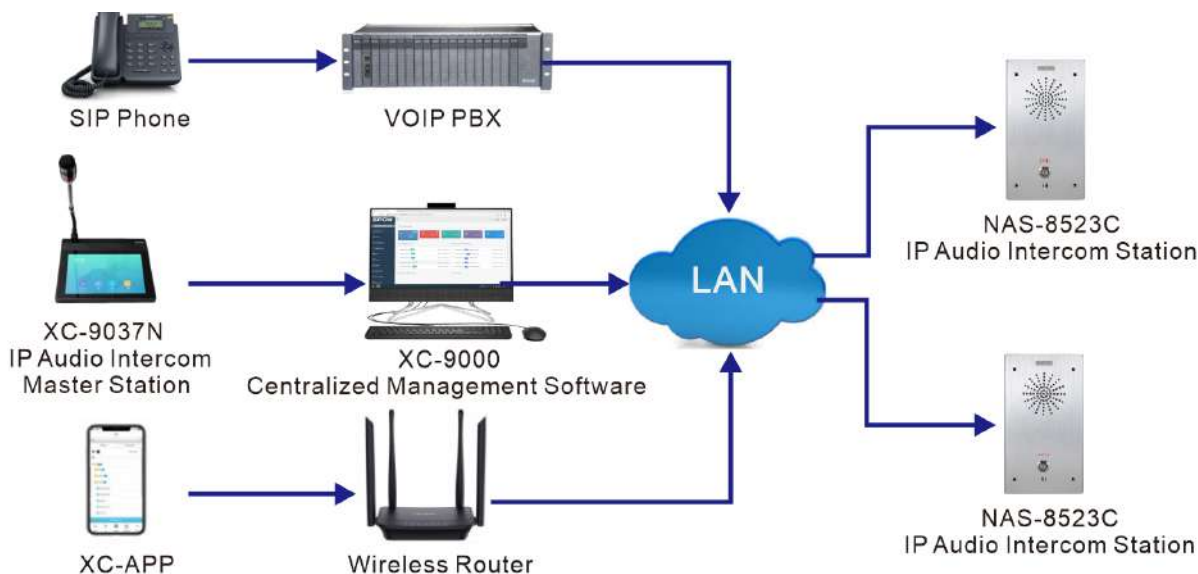USB Flash Drive

COM
NO

Strobe Light 、Buzzer

Emergency Button、Smoke Detector

APPLICATIONS

▌ Application 1

The IP Audio Intercom Master Station XC-9037N can initiate and receive audio intercom with the 3-rd party VOIP telephone 、 SPON IP audio intercom station ,APP(Windows、Android/IOS),etc. Built-in mic for full duplex communication.
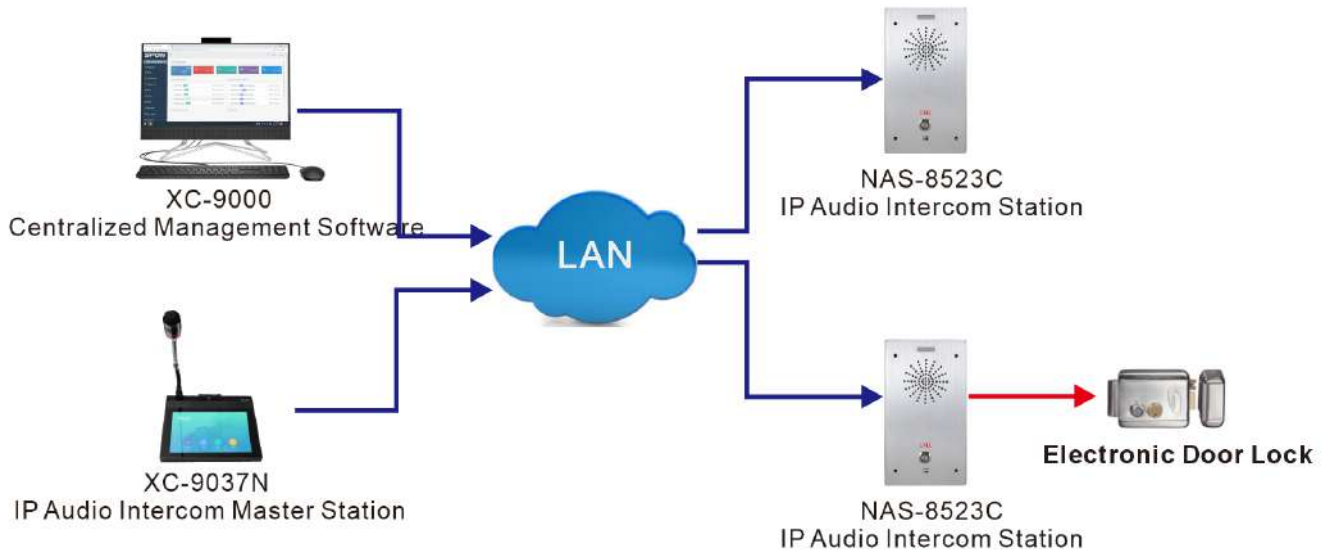

▌ Application 2

The IP Audio Intercom Master Station XC-9037N support offline intercom , the offline call target need to pre-set on its webpage, when the windwos crashed , the system can normally work .
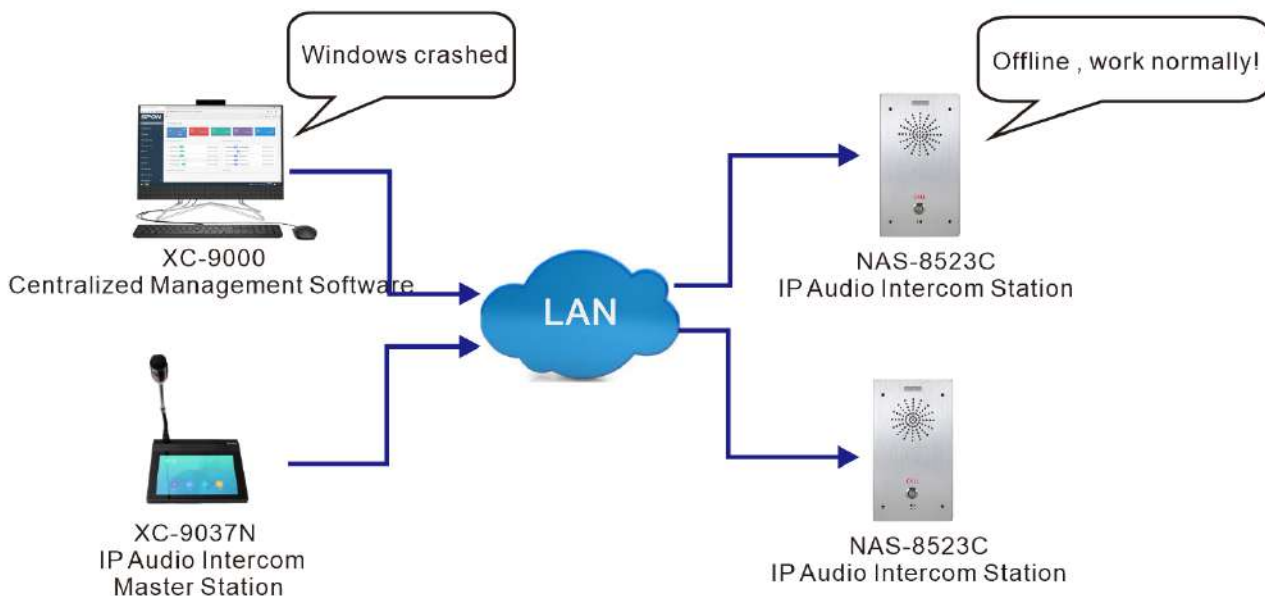
APPLICATIONS

❚ Application 3

The IP Audio Intercom Master Station XC-9037N support multi-party call function and remote door release function ,easy configuration and operation.

DIMENSION DRAWING