



NAS-8505L(20w)

Network 8 Ohm Wall Mount Amplifier

SPON IP Wall-Mounted Amplifier NAS-8505L02 with compact design , easy configuration and Installation , It is suitable for Office 、 Classroom and small scale meeting room environment .

Sound Control
Adjustment

Wireless
Amplification

MAIN FEATURES

1. Space-Saving Design & Audio Amplification

- Compact, wall-mounted design for efficient space utilization.
- Built-in Class D amplifier with 2×10W (8Ohm) power output.



2. Local and External Audio Interfaces

- 3.5mm unbalanced audio input for local audio source access.
- 3.5mm unbalanced audio output for external active speaker amplification.

3. Connectivity & Device Management

- Relay I/O interface for third-party alarm device integration.
- Remote configuration and online firmware updating capabilities.
- Local broadcasting of device IP information and device status checking.

SPECIFICATION

POWER PARAMETERS

Power Supply: DC 24V/1A

Standby Power Consumption: ≤24W

Rated Power Output: 2×10W

Rated Loudspeaker Impedance: 8ohm

AUDIO PARAMETERS

Audio Codec: MP2, MP3, PCM, ADPCM

THD (Total Harmonic Distortion): ≤0.3% At 1kHz

S/N (Signal-To-Noise) Ratio: ≥80dB

Audio Sampling & Bit Rate: 8kHz~44.1kHz, 16bit, 8kbps~320kbps

Frequency Response: 60Hz~20kHz

NETWORK PARAMETERS

Network I/F: 10BASE-T/100BASE-TX RJ45

Network Protocol: HTTP, TCP/IP, UDP, ARP, ICMP, IGMP.

Configuration Method: Web Interface Or DevConfig Tool.

MECHANICAL&ENVIRONMENT PROPERTIES

Mounting Method: Wall-Mounted

Installation Environment: Dry Indoor Locations Only

Operating Temperature: -10°C~+50°C (14°F~122°F)

Storage Temperature: -40°C~+60°C (-40°F~140°F)

Operating Humidity: ≤90% RH Non-Condensing

Front Panel Material: Aluminum Alloy

Body Material: Surface-Treated Steel Plate

Color: Black

Product Dimensions: 156.5×132×36mm

Product Weight: 0.5KG

Product Warranty: 2 Years

ACCESSORIES

1×Power Adaptor (DC 24V/1A)

2×4-Pin Pluggable Terminal

Block Connector (3.81mm Pitch,AWG 26-16)

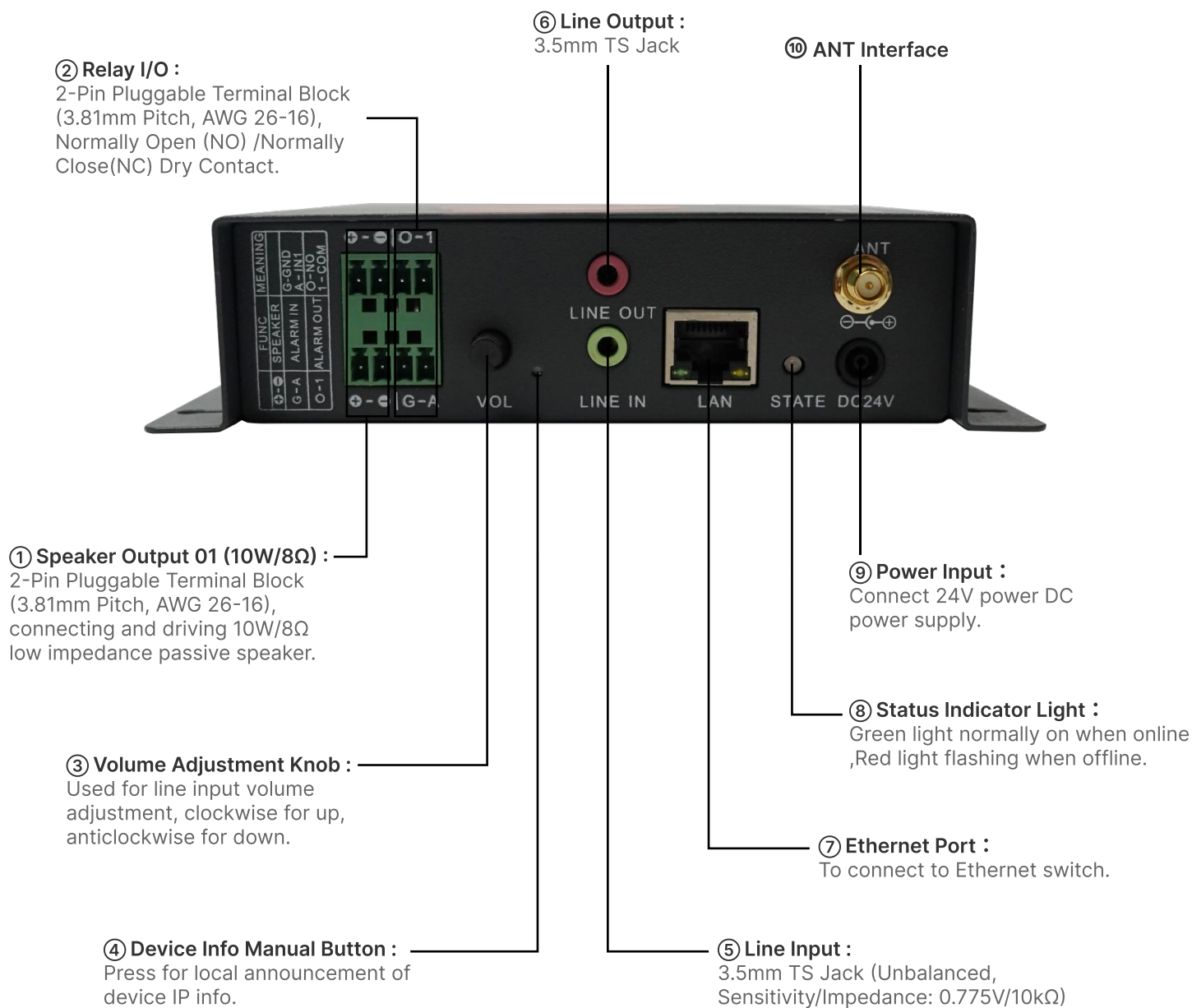
4×Flat Head Self-Drilling Screw &Plastic Wall Anchor

1×Quick Installation Guide

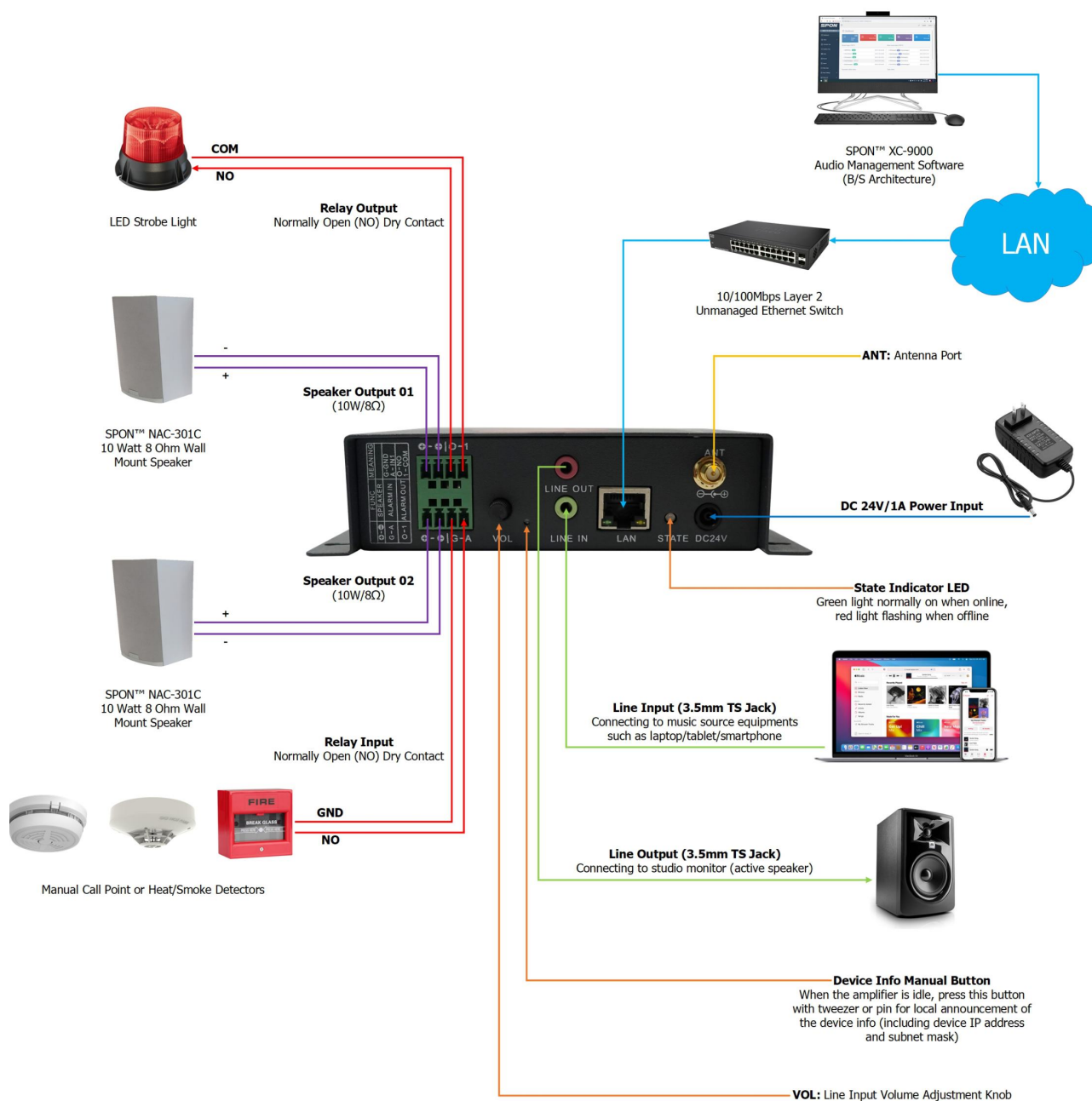
1×Quality Certificate

1×Warranty Card

PORTS DESCRIPTION



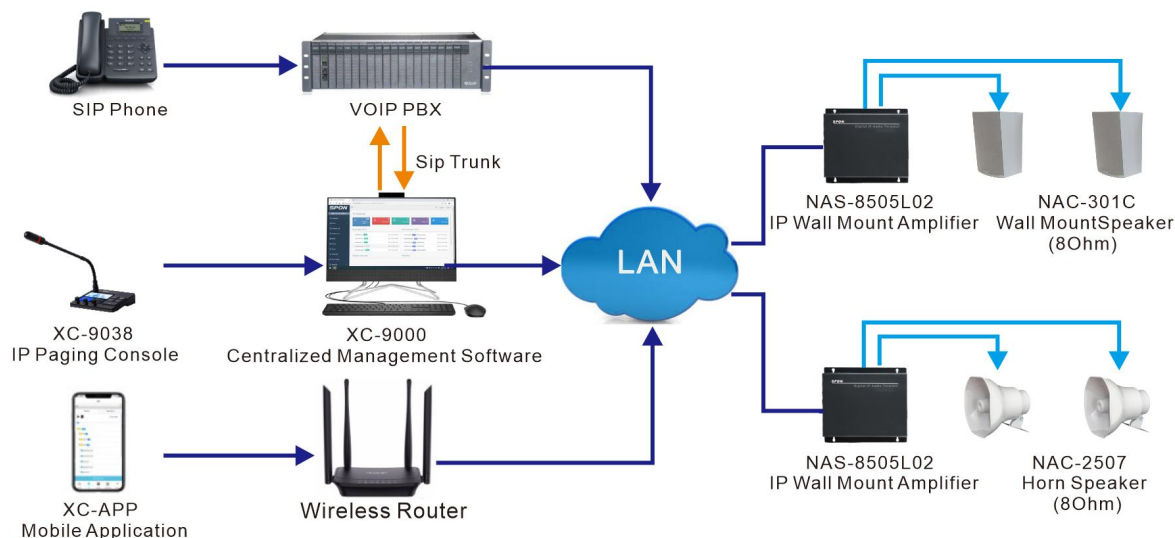
INTERFACE DESCRIPTION



APPLICATIONS

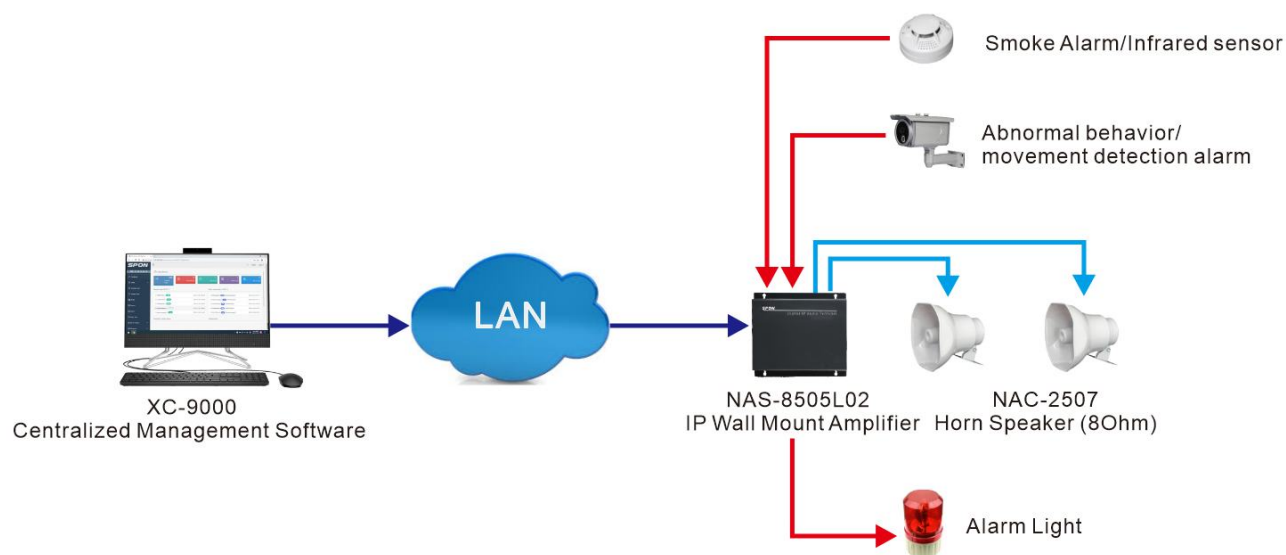
Application 1

IP Wall Mount Amplifier NAS-8505L02 with 80hm constant resistant output to connect with analog speaker for amplification; It can receive broadcasting from SPON management software 、 IP Paging Mic and XC-APP application , also it can receive single-way sip calling from the third-party SIP PBX by SIP Trunk .



Application 2

The IP Wall Mount Amplifier NAS-8505L02 with Relay I/O interface for connect with third-party alarm device to realize automatic broadcasting and alerting when alarm signal input.



DIMENSION & INSTALLATION

IP Wall-Mounted Amplifier NAS-8505L02 is suitable for wall-mounted installation , use 4 plastic expansion sleeves (F7) and 4 semi-round head tapping screws (M4 * 25) provided with the equipment , refer to the installation dimensions below to fix the device on the wall.

