*SPON* 



## NAS-8505B(120W)

IP Wall-Mounted Amplifier

SPON IP Wall Mount Amplifier NAS-8505B(120W) with compact design , easy configuration and Installation , It scale environment.

# 1. Design and Built-In Amplification

audio sources.

updates.

**MAIN FEATURES** 

- Built-in Class D amplifier offering 2\*60W (100V) power output.

- Space-efficient, compact, and wall-mounted





### - 3.5mm unbalanced audio output for amplifying external active speakers.

- Relay I/O interface for accessing third-party alarm
- devices.
- 3. Broadcasting, Communication, and **Firmware Management**

### - Capability to receive broadcasts from SPON management software, IP paging mics, or mobile

- Receives voice announcements from third-party SIP phones via SIP trunk.

- Supports remote configuration and online firmware

- NAS-8505B(120W)

**MECHANICAL&ENVIRONMENT PROPERTIES** 

Wall-Mounted

Dry Indoor Locations Only

-10°C~+50°C (14°F~122°F)

-40°C~+60°C (-40°F~140°F)

01

**POWER PARAMETERS** 

Power Supply:

Power Consumption:

Rated Power Output:

Rated Loudspeaker

**AUDIO PARAMETERS** 

Voltage:

Audio Codec:

Network I/F:

Network Protocol:

Configuration Method:

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### Operatiing Temperature: Storage Temperature:

Mounting Method:

Installation Environment:

1×Quick Installation Guide

1×Warranty Card

4×3M™ Floor Pad

1×Quality Certificate

SPECIFICATION

THD (Total Harmonic Distortion):	≤0.3% At 1kHz			
S/N (Signal-To-Noise) Ratio:	≥90dB			
Audio Sampling & Bit Rate:	8kHz~44.1kHz, 16bit, 8kbps~320kbps			
Frequency Response:	20Hz~16KHz			
NETWORK PARAMETERS				

AC 220V, 50/60Hz

MP2, MP3, PCM, ADPCM

10BASE-T/100BASE-TX RJ45

Web Interface Or DevConfig

HTTP, TCP/IP, UDP, ARP, ICMP,

≤150W

120W

100V

Operating Humidity:	≤90% RH Non-Condensing		
Front Panel Material:	Aluminum Alloy		
Body Material:	Surface-Treated Steel Plate		
Color:	Black		
Product Dimensions:	337×283.5×50.5mm		
Product Weight:	5.1Kg		
Product Warranty:	2 Years		
ACCESSORIES			
1×4-Pin Pluggable TerminalBlock Connector (3.81mmPitch,AWG 26-16)			
4×Flat Head Self-Drilling Screw &Plastic Wall Anchor			

NAS-8505B(120W)

02

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(4) Relay Input:

2-Pin Pluggable Terminal

Block (3.50mm Pitch, AWG

Dry Contact, Emergency button , smoke detector can

be connected to this prot.

26-16), Normally Open (NO)

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2-Pin Pluggable Terminal Block (3.50mm Pitch, AWG 26-16), Normally Open (NO) Dry Contact, Strobe light can be connected to this port

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PORTS DESCRIBTION

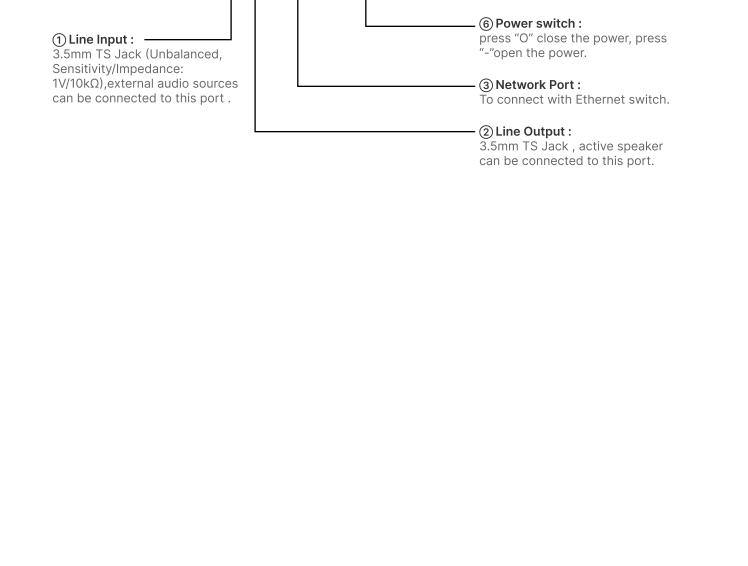
(7) Speaker Output:

Amplifier output port, COM is the common port;

COM/100V can connect the constant voltage

loudspeaker, constant voltage horn and so on.

(5) Relay Output:



**INTERFACE DESCRIPTION** 

Relay Output Normally Open (NO) Dry Contact

Relay Input Normally Open (NO) Dry Contact

**Line Input (3.5mm TS Jack)** Connecting to music source equipments such as laptop/tablet/smartphone

Line Output (3.5mm TS Jack)
Connecting to studio monitor (active spe

LED Strobe Light

Manual Call Point or Heat/Smoke Detectors

SPON™ XC-9000 Audio Management Software (B/S Architecture)

Power Switch/Power Indicator LED Power on/off the amplifier

100 Volt Constant-Voltage Passive Wall Mount/Ceiling/Horn Speakers

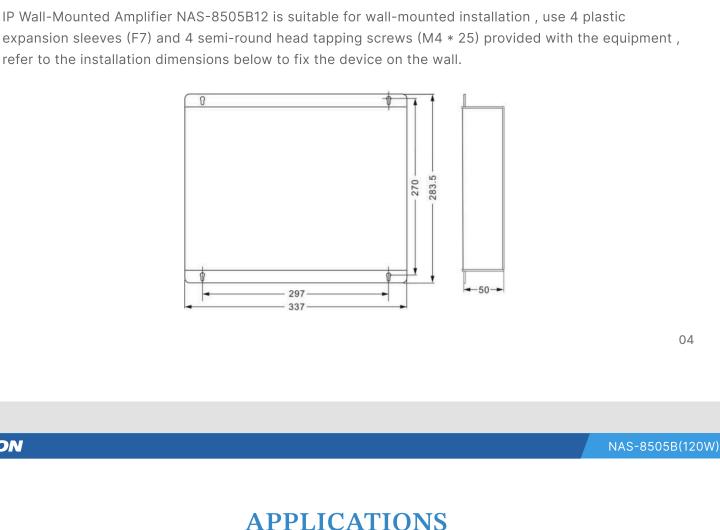
10/100Mbps Layer 2 Unmanaged Ethernet Switch

Speaker Output (60W/100V)

LAN

03

**DIMENSION & INSTALLATION** 



04

### LAN XC-9000 Centralized Management Software

Sip Trunk

Wireless Router

The IP Wall Mount Amplifier NAS-8505B12 with 100V constant voltage 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

## XC-APP Mobile Application Application 2

Application 1

SIP Phone

XC-9038

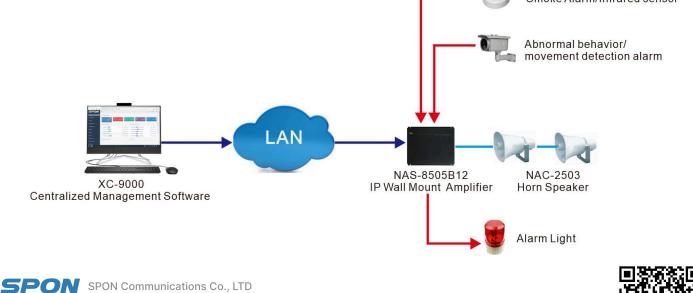
IP Audio Microphone

Trunk.

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device to realize automatic broadcasting and alerting when alarm signal input. Smoke Alarm/Infrared sensor

The IP Wall Mount Amplifier NAS-8505B12 with Relay I/O interface for connect with third-party alarm



Mobile: +86 138 7314 3517

NAS-8505B12

NAS-8505B12 IP Wall Mount Amplifier NAC-2305

