



NAS-8505B(120W)

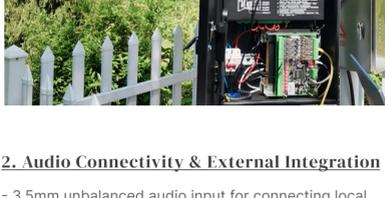
IP Wall-Mounted Amplifier

SPON IP Wall Mount Amplifier NAS-8505B(120W) with compact design , easy configuration and installation , It is suitable for Corridor 、 Office Area and other small scale environment.

MAIN FEATURES

1. Design and Built-In Amplification

- Space-efficient, compact, and wall-mounted design.
- Built-in Class D amplifier offering 120W (100V) power output.



2. Audio Connectivity & External Integration

- 3.5mm unbalanced audio input for connecting local audio sources.
- 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

- Supports remote configuration and online firmware updates.
- Capability to receive broadcasts from SPON management software, IP paging mics, or mobile apps.
- Receives voice announcements from third-party SIP phones via SIP trunk.



SPECIFICATION

POWER PARAMETERS

Power Supply:	AC 100-240V, 50/60Hz
Power Consumption:	≤150W
Rated Power Output:	120W
Rated Loudspeaker Voltage:	100V

AUDIO PARAMETERS

Audio Codec:	MP2, MP3, PCM, ADPCM
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

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

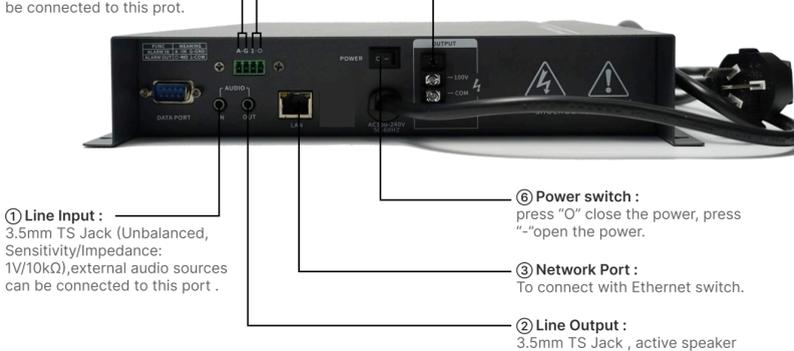
MECHANICAL&ENVIRONMENT PROPERTIES

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:	337×283.5×50.5mm
Product Weight:	5.1Kg
Product Warranty:	2 Years

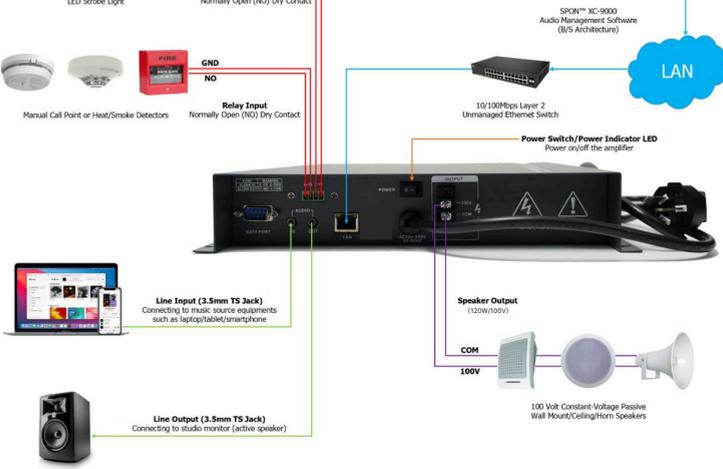
ACCESSORIES

- 1×4-Pin Pluggable TerminalBlock Connector (3.81mmPitch,AWG 26-16)
- 4×Flat Head Self-Drilling Screw &Plastic Wall Anchor
- 1×Quick Installation Guide
- 1×Warranty Card
- 1×Quality Certificate
- 4×3M™ Floor Pad

PORTS DESCRIPTION

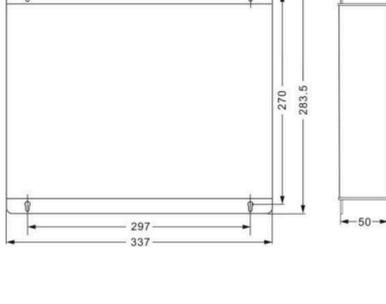


INTERFACE DESCRIPTION



DIMENSION & INSTALLATION

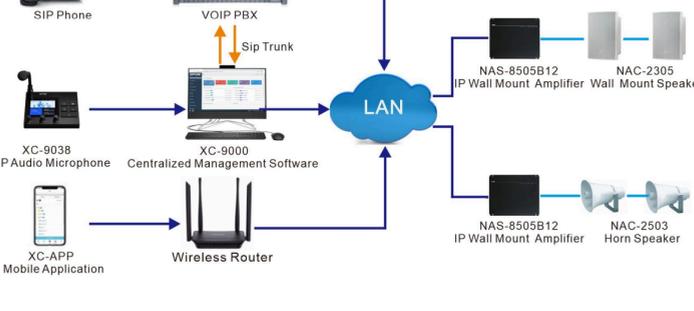
IP Wall-Mounted Amplifier NAS-8505B12 is suitable for wall-mounted installation , use 4 plastic expansion sleeves (F7) and 4 semi-round head tapping screws (M4 * 25) provided with the equipment , refer to the installation dimensions below to fix the device on the wall.



APPLICATIONS

Application 1

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 Trunk .



Application 2

The IP Wall Mount Amplifier NAS-8505B12 with Relay I/O interface for connect with third-party alarm device to realize automatic broadcasting and alerting when alarm signal input.

