



NAS-8505L(60W)

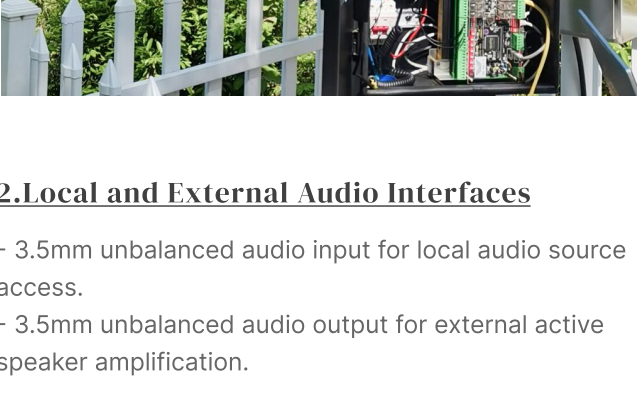
IP Wall-Mounted Amplifier

SPON IP Wall-Mounted Amplifier NAS-8505L(60W) with compact design , easy configuration and installation , it is suitable for Office , Classroom and small scale meeting room environment .

MAIN FEATURES

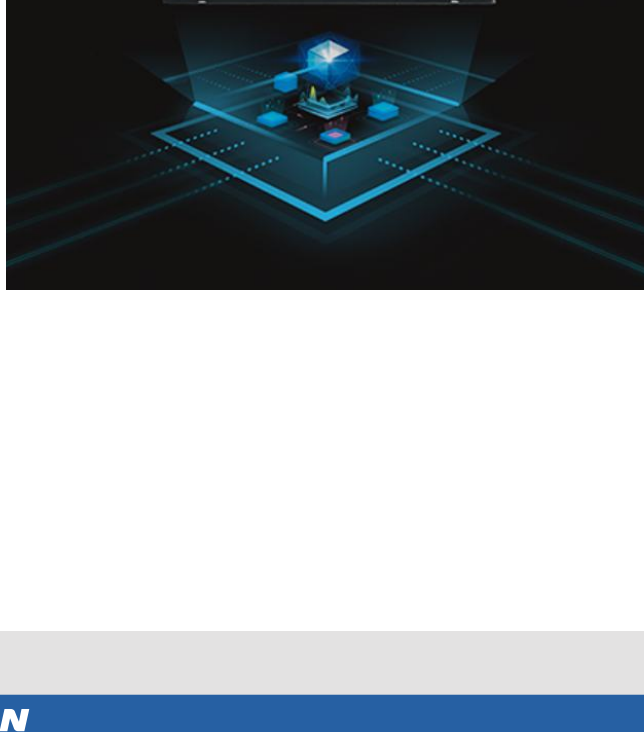
1.Space-Saving Design & Audio Amplification

- Compact, wall-mounted design for efficient space utilization.
- Built-in Class D amplifier with 2×30W (80hm) 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/2.7A
Standby Power Consumption:	≤64W
Rated Power Output:	2×30W
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:	≥90dB
Audio Sampling & Bit Rate:	8kHz~44.1kHz, 16bit, 8kbps~320kbps
Frequency Response:	20Hz~16KHz

MECHANICAL&ENVIRONMENT PROPERTIES

Mounting Method:	Wall-Mounted
Installation Environment:	Dry Indoor Locations Only
Operating Temperature:	-10°C~+50°C
Storage Temperature:	-40°C~+60°C
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:	0.6KG
Product Warranty:	2 Years

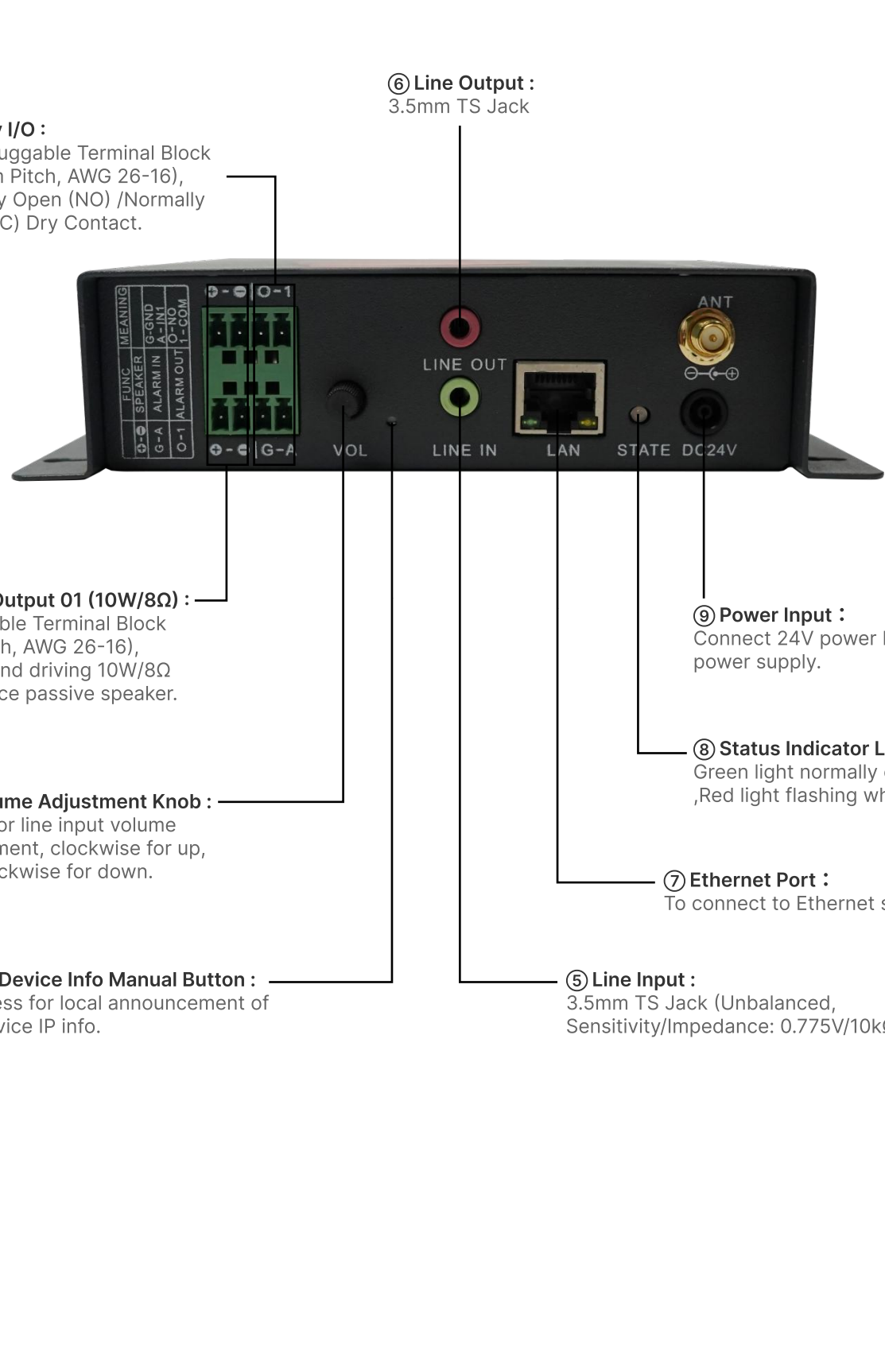
NETWORK PARAMETERS

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

ACCESSORIES

- 1×Power Adaptor(DC 24V/2.7A)(Optional)
- 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



② Relay I/O :
2-Pin Pluggable Terminal Block (3.81mm Pitch, AWG 26-16), Normally Open (NO) /Normally Close(NC) Dry Contact.

① Speaker Output 01 (10W/8Ω) :
2-Pin Pluggable Terminal Block (3.81mm Pitch, AWG 26-16), connecting and driving 10W/8Ω low impedance passive speaker.

③ Volume Adjustment Knob :
Used for line input volume adjustment, clockwise for up, anticlockwise for down.

④ Device Info Manual Button :
Press for local announcement of device IP info.

⑥ Line Output :
3.5mm TS Jack

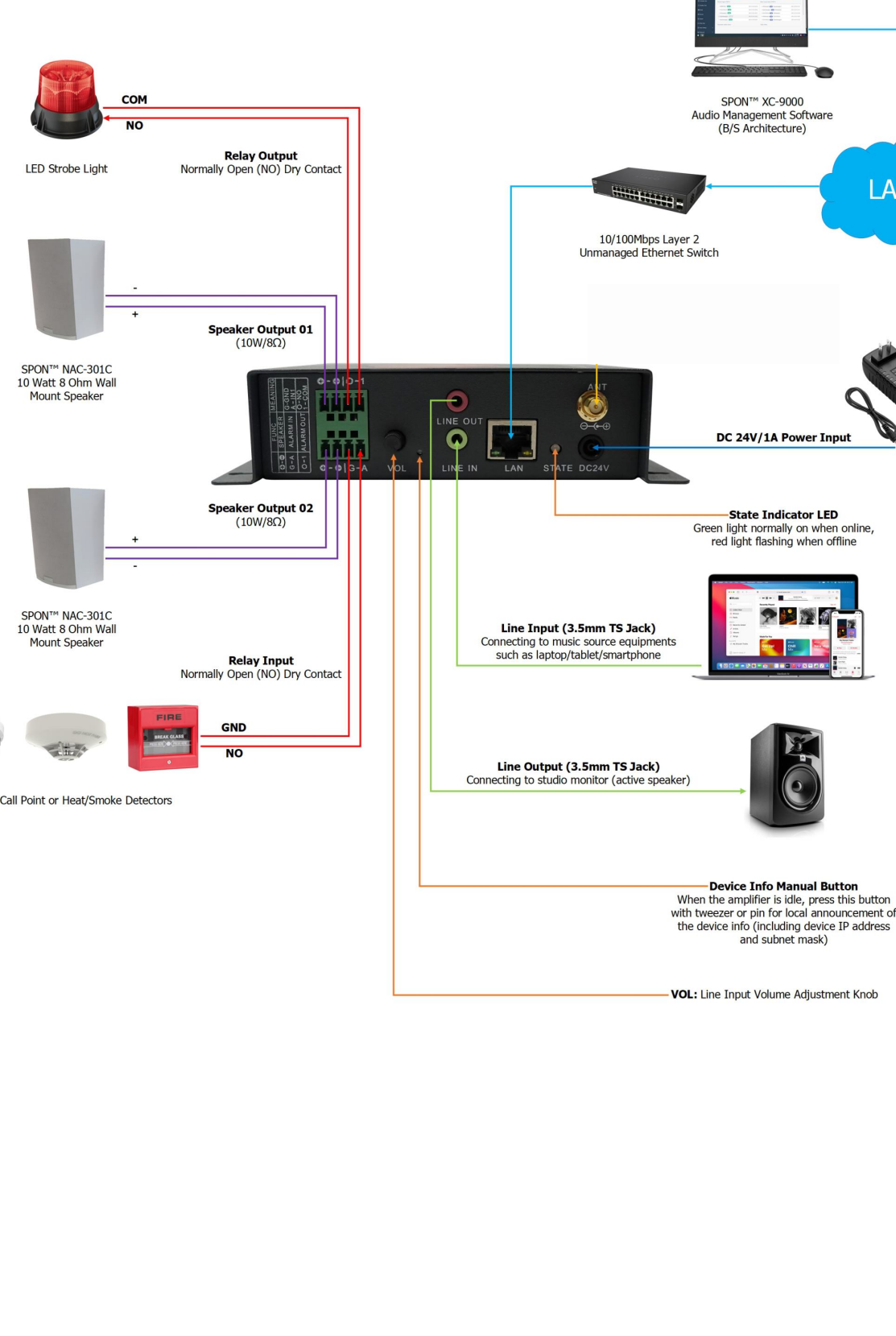
⑧ Power Input :
Connect 24V power DC power supply.

⑧ Status Indicator Light :
Green light normally on when online ,Red light flashing when offline.

⑦ Ethernet Port :
To connect to Ethernet switch.

⑤ Line Input :
3.5mm TS Jack (Unbalanced, Sensitivity/Impedance: 0.775V/10kΩ)

INTERFACE DESCRIPTION



LED Strobe Light

Relay Output
Normally Open (NO) Dry Contact

SPON™ NAC-301C
10 Watt 8 Ohm Wall Mount Speaker

Speaker Output 01 (10W/8Ω)

Speaker Output 02 (10W/8Ω)

Relay Input
Normally Open (NO) Dry Contact

Manual Call Point or Heat/Smoke Detectors

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

LAN

10/100Mbps Layer 2 Unmanaged Ethernet Switch

DC 24V/1A Power Input

State Indicator LED
Green light normally on when online, red light flashing when offline.

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 speaker)

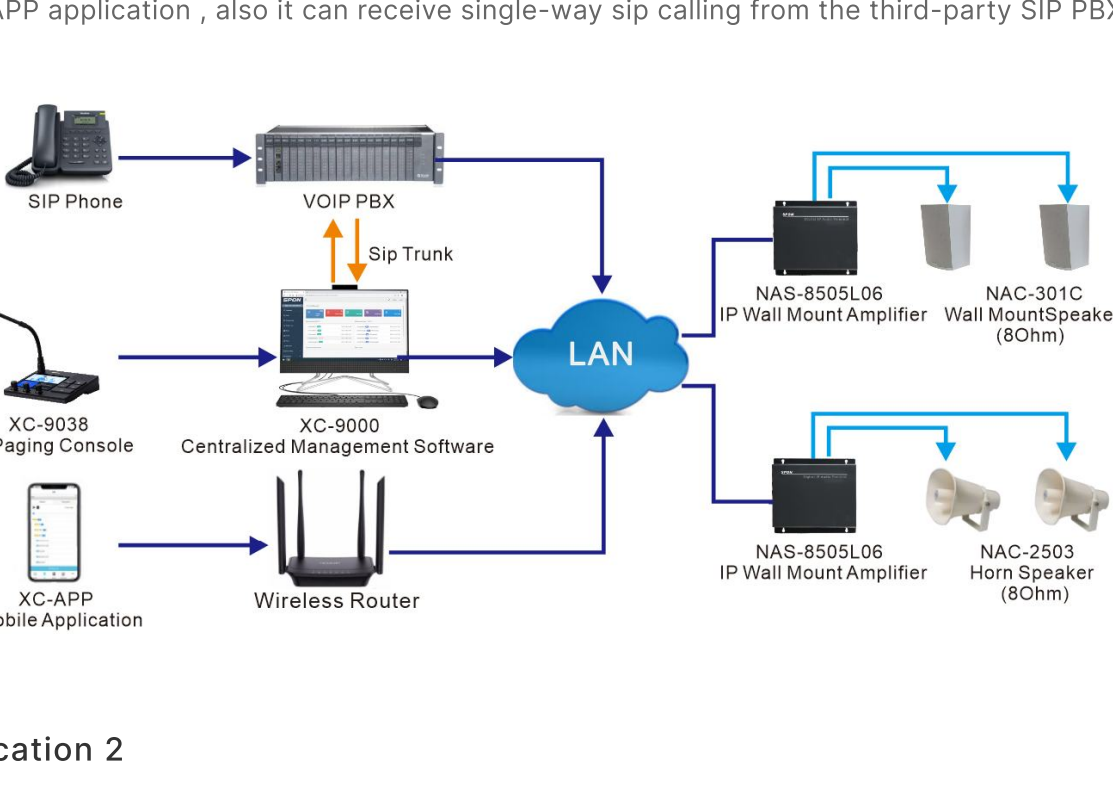
Device Info Manual Button
When the amplifier is idle, press this button with tweezers or pin for local announcement of the device info (including device IP address and subnet mask)

VOL: Line Input Volume Adjustment Knob

APPLICATIONS

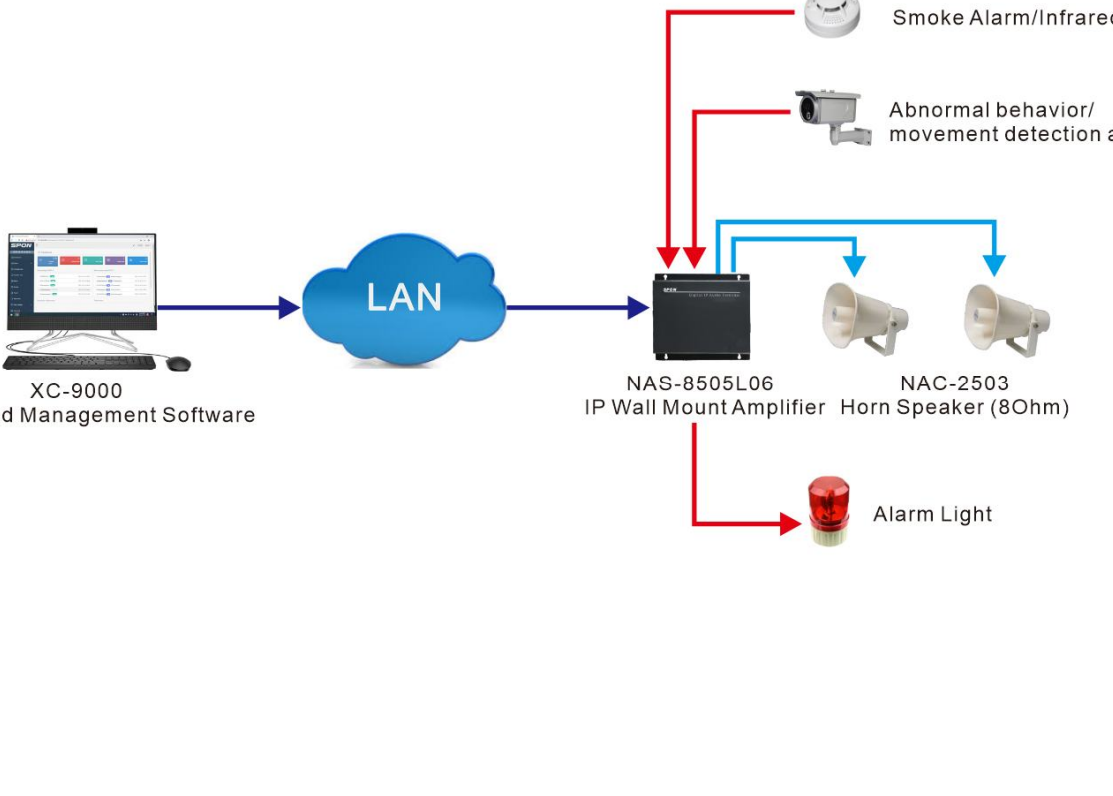
Application 1

IP Wall Mount Amplifier NAS-8505L06 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-8505L06 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 .

