NAS-8505L(20W)

IP Wall-Mounted Amplifier

SPON IP Wall-Mounted Amplifier NAS-8505L(20W) 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 2×10W (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:	>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.

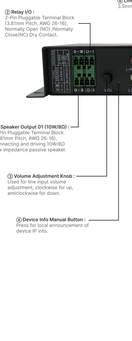
MECHANICAL&ENVIRONMENT PROPERTIES

Mounting Method:	Wall-Mounted
Installation Environment:	Dry Indoor Locations Only
Operating Temperature:	-10°C~+50°C
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:	0.5KG
Product Warranty:	2 Years

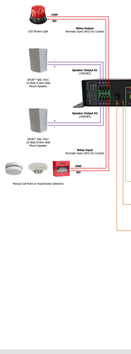
ACCESSORIES

1×Power Adaptor(DC 24V/1A)(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 DESCRIBTION



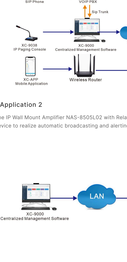
INTERFACE DESCRIPTION



APPLICATIONS

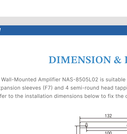
Application 1

IP Wall Mount Amplifier NAS-8505L02 with 8Ohm 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.

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