

NAS-8507B(30W)

IP Network Outdoor Column Speaker

SIP column loudspeaker NAS-8507B adopts wall mounted installation design, equipping with power input interface, line input interface, RJ45 network interface ect. The device supports receiving broadcasting initiating from terminal or software with clear and powerful sound quality .

IP65

MAIN FEATURES

▲ Seamless Integration & Design

- Wall-Mounted Architecture: Combines network audio decoding, amplifier, and loudspeaker.
- Premium Waterproof Material: Utilizes high-grade waterproof aluminum for long-lasting durability.

▲ High-Efficiency Performance & Advanced Technology:

- Rapid-Response Chips: High-speed industrial-grade dual-core (ARM+DSP) chips for ≈1 second run-up time.
- Adaptable Power Amplifier: In-built options for 30W power amplifiers.

▲ Versatile Functionality & Enhanced Control:

- Timely Sound Broadcasting: Supports precise belling and real-time sound collection and playback.- Speaker Status Monitoring: Loop-fault-detect function for real-time speaker status tracking, displayed via software.- Expanded Input Options: Features 1×Alarm Input and 1×Audio Input for broadened usage.

▲ Restroom Safety with SPON® Surveillance

- Web-Based Configuration: Enables customized speaker settings including network and audio parameters, and task priorities.
- Network-Compatible Interface: Standard RJ45 interface facilitates easy system access and cross-network compatibility.

SPECIFICATION

POWER PARAMETERS	
Power Supply:	DC 24V/2.75A
Standby Power Consumption:	≤40W
Rated Power Output:	30W(8Ω)

AUDIO PARAMETERS	
Audio Codec:	MP2/MP3/PCM/ADPCM
S/N (Signal-To-Noise) Ratio:	>85dB
Audio Sampling & Bit Rate:	8kHz~44.1kHz, 16bit, 8Kbps~320Kbps
THD (Total Harmonic Distortion):	≤1% @1kHz
Frequency Response:	50Hz~20KHz

NETWORK PARAMETERS	
Network I/F:	10BASE-T/100BASE-TX RJ45
Network Protocol:	TCP/IP、UDP、SIP、ARP、ICMP、IGMP
Configuration Method:	Web Interface Or DevConfig Tool

MECHANICAL & ENVIRONMENT PROPERTIES	
Mounting Method:	Wall-Mounted
Installation Environment:	IP65
Operating Temperature:	-20℃~+50℃ (14℉~113℉)
Operating Humidity:	10%~90% RH Non-Condensing
Product Dimensions:	83.2×88.1×450mm
Product Weight:	2.15KG
Warranty:	2 Years

ACCESSORIES

2 X Datechable Terminal (3.81-2P)
1 X Silica Gel Coil (SPSI-14)
1 X Nut (M6)
1 X The Cross-Hexagonal Screw (M6×20)
1 X Waterproof Tail Ciculit Interface
1 X Fixed Bracket
1 X Plastic Coil
1 X Mounting Bracket
1 X Installation Manual
1 X Certification

PORTS DESCRIBTION



CONNECTION DIAGRAM



APPLICATION

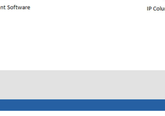


Application 1

The IP Outdoor Column Speaker NAS-8507B supports standard SIP protocol , it can be independently registered to the 3rd-party SIP server for receiving sip calling from SIP telephone or SIP softphone .

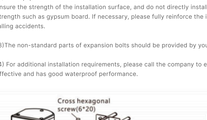
Application 2

The IP Outdoor Column Speaker NAS-8507B supports offline timed broadcasting , the offline timed task which can be set and push to the speaker on software , the speaker will automatic timed paiying when it is offline .



Application 3

The IP Outdoor Column Speaker NAS-8507B supports local broadcasting via the alarm input interface , when a relay input signal is given to the speaker , it will trigger the alarm audio file which store in the speaker to play .



INSTALLATION

Installation instructions

(1)The installation method of this equipment is vertical installation (horizontal installation is not allowed), with the outlet end facing downward and without blocking the leakage hole.

(2)The equipment is suitable for installation on concrete structural walls. During installation, please ensure the strength of the installation surface, and do not directly install on walls with insufficient strength such as gypsum board. If necessary, please fully reinforce the installation position to avoid falling accidents.

(3)The non-standard parts of expansion bolts should be provided by yourself as required.

(4) For additional installation requirements, please call the company to ensure that the installation is effective and has good waterproof performance.



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