

NAS-8521A

IP Split Type Audio Intercom Controller



SPON IP Split Type Audio Intercom Controller NAS-8521A is equipped with our company's proprietary IP Audio digital network audio technology, supporting functions such as audio output, recording output, alarm input/output, and SD card playback. It can drive up to 16 panels. It features remote background music playback and bidirectional intercom with other IP network intercom terminals.

- Built-in Recording Output
- High Security
- 2-Channel Alarm Input And Output
- Daisy-chain

MAIN FEATURES

▲ Design and Security

-Unique Split Type Design: Prevents exposure of network cables, enhancing local network security.

▲ Configuration and Connectivity

- User-Friendly Web Interface: Simplifies configuration for easy setup and management.
- Daisy-Chain Connection: Each controller can connect to up to 8 intercom panels for expanded coverage.
- Extended Range: Supports connections up to 150 meters between the controller and connected panels.

▲ Functionality and Integration

- Network Audio Encoder/Decoder Integration: Acts as a bridge between connected intercom panels and IP audio intercom master stations.
- Record Output: Enables audio recording of voice communication via external storage devices.

▲ Audio Output and Automation

- Built-in Digital Amplifier: Drives up to two 8-ohm passive analog speakers for clear audio output.
- Automated Playback: Custom audio files stored in SD card can be played automatically by triggering relay inputs.

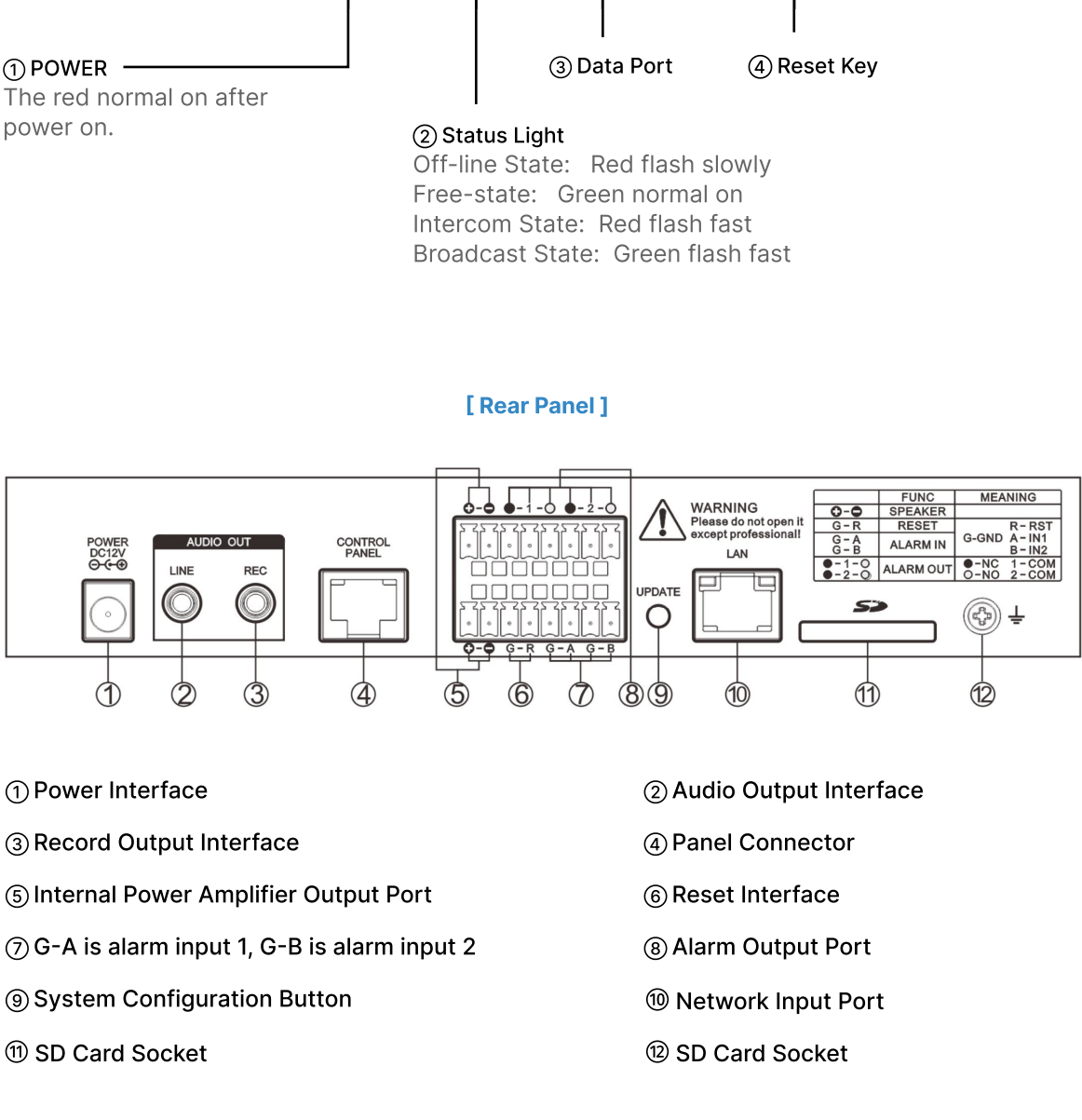
▲ Software Compatibility

- Integration with SPON® XC-9000: Works seamlessly with audio management software for advanced features including two-way communication and live voice announcements.

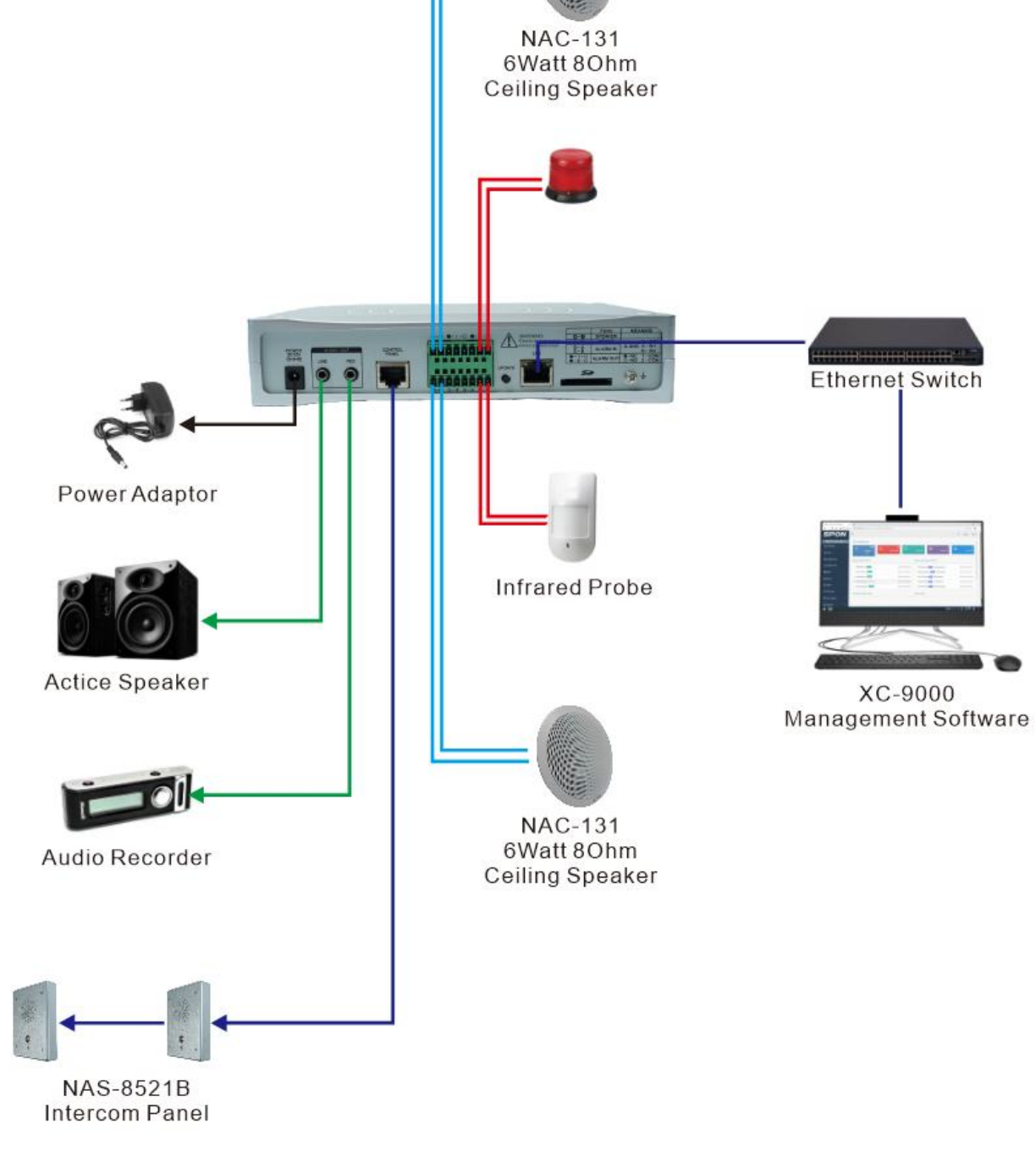
SPECIFICATION

POWER PARAMETERS		MECHANICAL&ENVIRONMENT PROPERTIES	
Power Supply	DC12V/2A	Installation Method	Rack Mount
Power Consumption	≤23W	Installation Environment	Dry Indoor Locations Only
AUDIO PARAMETERS		Operating Temperature	-10°C~55°C
Audio Codec	MP2, MP3, PCM, ADPCM	Operating Humidity	≤90% RH Non-Condensing
Audio Sampling & Bit Rate	8kHz~44.1kHz, 16bit, 8kbps~320kbps	Housing Material	Plastic
Built-In Amplifier	2*10W	Color	Silver
S/N(Broadcast-Speaker)	>85dB	Product Dimensions	210×155×44.5mm
Frequency Response	20Hz~16KHz	Product Weight	0.5kg
NETWORK PARAMETERS		Product Warranty	2 Years
Network I/F	10BASE-T/100BASE-TX RJ45	ACCESSORIES	
Network Protocol	TCP/IP、UDP、FTP、HTTP、ARP、ICMP、IGMP	1 × Quick Installation Guide	
Configuration Method	Web Interface Or DevConfig Tool	1 × Certification Card	
		2 × Terminal(3.81-8P)	

INTERFACE DESCRIPTION



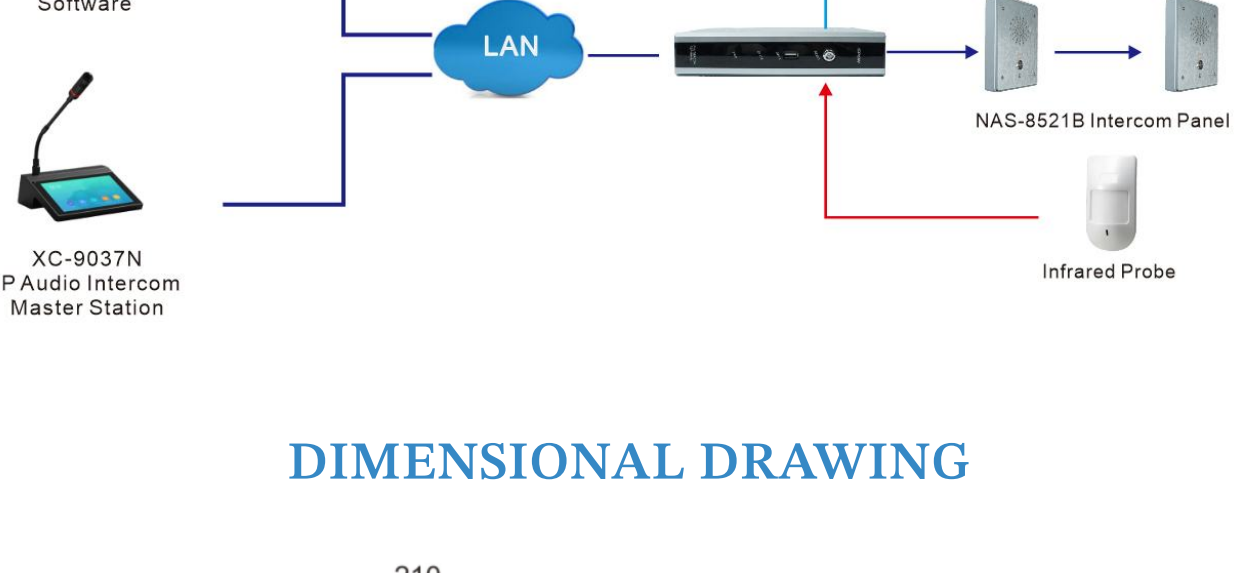
CONNECTION DIAGRAM



APPLICATIONS

■ Application 1

IP Split Type Audio Intercom Controller NAS-8521A can be connected with intercom panel NAS-8521B to make two-way intercom with IP Master station. Meanwhile, it has relay input and built-in amplifier to connect with infrared probe and ceiling speaker, when there is relay input signal to the controller, the upload file will be triggered to play on the ceiling speaker.



DIMENSIONAL DRAWING

