NAS-8505B

IP AUDIO TERMINAL
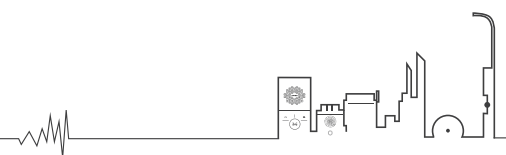
MAIN FUNCTIONS

Basic functions

- With high-speed dual-core(ARM+DSP) chip of industrial grade whose starting-up time is ≤1s .
- Built-in digita amplifier of Class D 、 with a power output of 60W/120W(100V) 、 with less emission of the heat and higher efficiency.
- With a standard RJ45 interface supportive of crossing network segment and router , accessible to the system if the Ethernet is available.
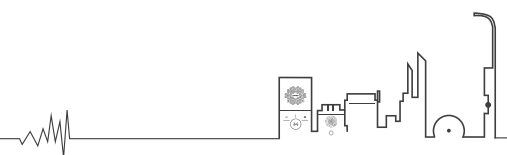
Audio functions

- With one audio line output which can be connected with external amplifier for sound reinforcement .
- With one audio line input which can be connected with external surveillance microphone for moritoring in the control room.
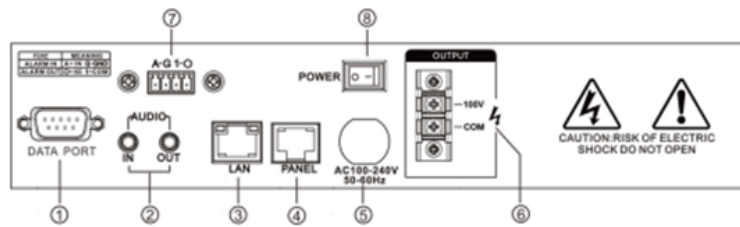
SPECIFICATIONS

NAS-8505B		
Audio Parameters	Audio streaming	one-way, mono
	Audio compression	PCM、ADPCM
	Audio input	Line in
	Built-in MIC	/
Amplifier Parameters	Built-in Amplifier	Class D，60W\120W constant voltage output
	Security	802.1x network protocol
Network Parameters	Supported protocols	IPv4/v6c, TCP, UDP, IGMP, ARP, ICMP
	Voice announcement	Support for SIP protocol to realize network transmission of audio and PBX
System integration	VoIP	/
	Voice sync	/
	Intelligent detection	/
	Power output（AC）	60W or 120W
	Power output(POE)	/
	Power consumption	≤75W\≤150W
	Event actions	It can be realized the broadcast , alarm, and other functions with XC-9000 software.
General Parameters	Shell color	Black
	Shell material	Steel
	Grille material	/
	Grille surface treatment	/
	Memory	/
	Power	AC 220V 50Hz
	Interface	1 X RJ45, 1 X line input, 1 X power output, 1 X alarm input, 1 X alarm output.
	Reliability	Designed for 24/7 operation
	Operating conditions	–10 °C to 50 °C
	Storage conditions	–40 °C to 60 °C
	Approvals	3C、CE
	Dimensions	337x283.5x50mm
	Weight	4.3KG\5.1kg
	Included accessories	1 terminal (3.50-4P), 4 plastic expansion sleeves (F7) 4 round head tapping screws (M4 * 2.5), foot pads (Ø12 * 3.3m glue), 1 quick installation guide, certificate and 1 warranty card
	Optional accessories	/
	Software	/
	Languages	Simplified Chinese/English
	Warranty	2 year

INTERFACET

①DATA PORT: Upgrade port, it`s used for product software upgrade& download.

②AUDIO: Audio interface

IN: Audio input interface, make the external sound source (for example: computer, DVD and so on) connect to this port; The terminal initiate the broadcasting, it can broadcast the external sound sources.

OUT: Audio output interface. This port output the restored audio signal, it can be the sound sources access to audio pre-amplifier, audio amplifier, sound console devices and so on.

③LAN: Network input interface. Insert the server related cables to make the terminal login normally.

④CONTROL PANEL: Connect the control panel to realize the audio AOD, volume plus and minus and so on.
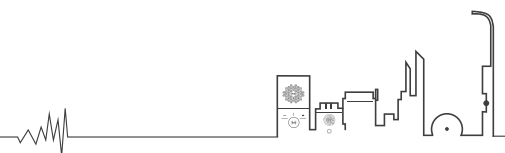
⑤AC220V power input port

⑥OUTPUT: Amplifier output port, COM is the common port; COM/100V can connect the constant voltage loudspeaker, constant voltage horn and so on.
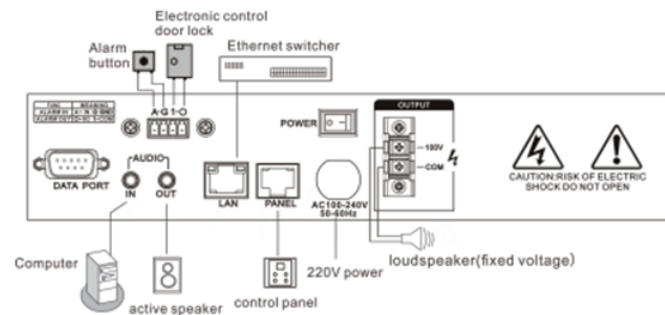
⑦Alarm input/output port:

A-G alarm input interface, when two pins be short circuited, audio terminal will execute the special operations automatically(eg: generate alarm signal send to server or raise the alarm at local terminal).Alarm button, alarm signal generator and other devices can generate the alarm signal all can access to the port.

O-1 alarm output interface, alarm output is triggered by software server, it also can trigger through alarm input or shutoff signal. Play the alarm function (eg: open the electronic lock door) alarm output port maximum loaded current is 1A, the highest voltage is AC100V(or DC24V).

⑧Power switch: press " "close the power, press " "open the power.
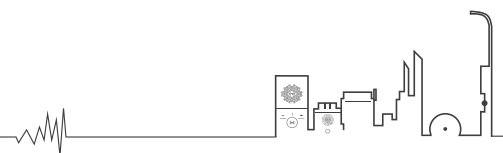
WIRING

APPLICATION

Application 1

IP audio terminal NAS-8505 B built-in 60W/120W class D digital constant resistance (100V output)amplifier , can receive broadcast task initated by server software NAS-8500/XC-9000、IP paging microphone(NAS-8502)、SIP phone(Requires XC-9000), at the same time output to speaker and line out interface,the line out interface can connect with amplifier ,which is used in large-scale sound amplification occasions.
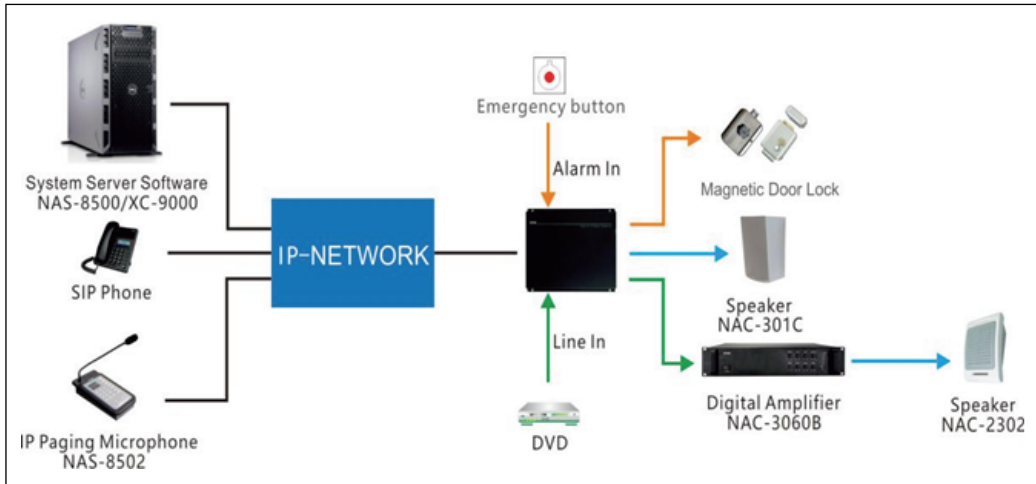
Application 2

IP audio terminal NAS-8505B with line in interface , can connect with surveillance microphone for mornitoring in the main control room.
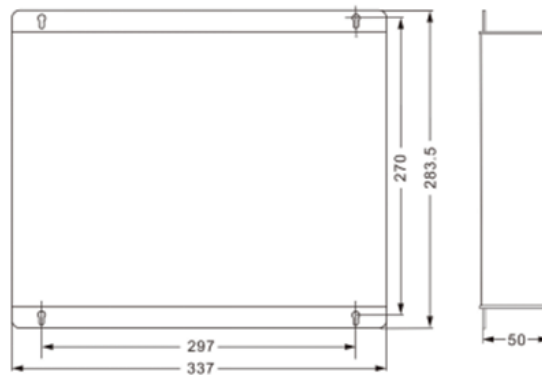
Application 3

The IP audio terminal NAS-8505B has an alarm input and output interface, which can be linked with peripheral equipment, such as alarm input connected with alarm button, alarm output connected with electronic door lock. When the alarm button is pressed, it will trigger the IP network audio terminal NAS-8505B to play the preset audio file, and control the door lock to close.

INSTALLATION

IP audio terminal NAS-8505B 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.