

XC-9508

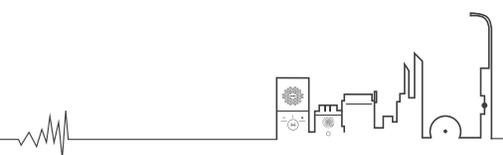
IP AUDIO AMPLIFIER



MAIN FUNCTIONS

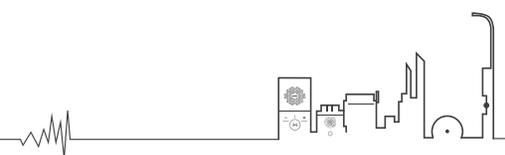
Basic functions

- 1U rack design, oxidized aluminum alloy panel, beautiful and durable.
- Simple industrial humanization design, displaying status signal in the front panel, all of the switches and volume knobs are placed in the back panel, to reduce the unprofessional operation.
- Built-in high-efficiency digital amplifier, 100V constant voltage output, efficiency is over 90%.
- Integrated with front signal input interfaces (1×Mic Input, 2×Auxiliary Line Input, 1×Network Audio Input), independent volume adjustment for every audio channel.
- Built-in bulk storage, supporting the remote update of timed task and the triggering of task by alarm signal.
- Supporting offline broadcasting, automatically enabling the local broadcasting during network interruption
- Possessing 1×Alarm In and 1×Alarm Out, with optional built-in 24V forced-cut power output for the forced-cut volume controller.
- Five status indicators (power, status, signal, clipping, protection) display, the working status is clear at a glance.
- Built-in complete protection circuit, supporting overload protection, thermal protection, lightning protection and surge protection.
- Integrated with standard RJ45 network interface, accessible to the system when Ethernet is available, supporting crossing network segment and router.



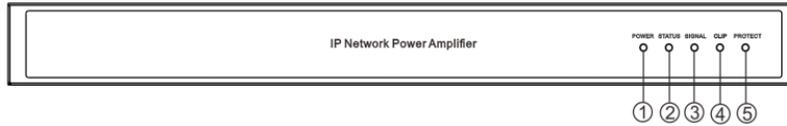
SPECIFICATIONS

XC-9508		
Audio parameters	Audio stream	Unidirectional, Mono
	Code protocol	PCM,MP3,ADPCM
	Audio input	Network,MIC,Aux 1,Aux 2
	Audio sample bit rate	8KHz-44.1KHz
	Frequency response	60Hz-16kHz
	Sensitivity	MIC: -20db AUX:-6db
Network parameters	Built-in Amp	Digital power amplifier module, constant voltage 100V output
	Transporting Network	10/100M Adaptive
	Security	Login password protection
	Protocol	IPv4, HTTP, RTP, TCP, UDP, IGMP, ARP, SIP
System integration	Voice announcement	Receive broadcast from Sip microphone
	VoIP	Support standard sip protocol
	Event trigger	Alarm input linkage triggers alarm output, optional 24V mandatory cut off power output for mandatory cut off volume controller
	Event action	Cooperate with XC-9000 to realize the task trigger broadcast, alarm and other functions
General	Shell color	Black
	Shell material	Brushed aluminum
	RAM	2G
	Power	AC 100V-240V 50/60Hz
	Interface	RJ45 、 MIC 、 Aux 1\2、 Aux out
	Work environment	-10 °C to 50 °C ≤90%RH (no frost)
	Certification	CE、 3C
	Dimensions	430x300x44mm
	Weight	3.45kg
	Standard accessories	1 power cord, 1 Manual, 1 certificate and warranty card
	Language	Simplified Chinese, English
	Warranty period	2 years



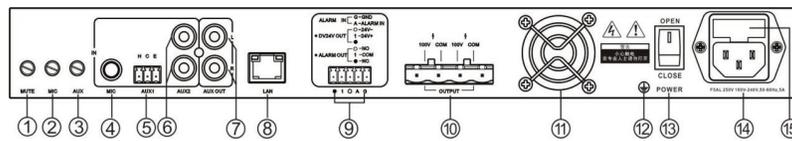
INTERFACE

Front panel

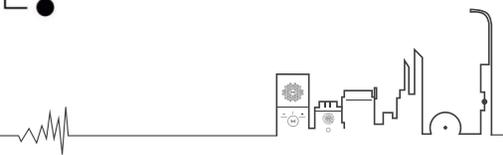
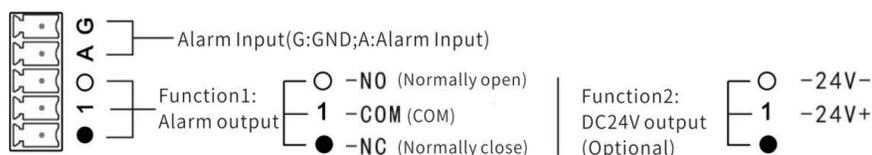


1. Power Indicator Light : Always red light when power on
2. Status Indicator Light : Always green light when online ,flashing red light when offline , flashing green light when receive task
3. Signal Indicator Light : No light on when no signal input , green light on when there is signal input
4. Clip Indicator Light : Red light on when overload status
5. Protect Indicator Light : Light on when amplifier module protection or fault status

Rear panel

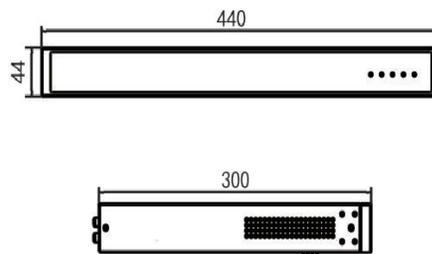


1. Silent Knob: Adjust the silent level.
2. MIC volume: Adjust the MIC input volume, turn it clockwise to increase the volume, otherwise turn it down;
3. AUX volume: Adjust the line input volume, turn clockwise to turn up the volume, otherwise turn it down;
4. MIC: Mic input
5. AUX 1: Balance line input
6. AUX 2: Unbalance line input
7. AUX OUT: Line output
8. Network Port : RJ45 interface
9. Alarm input \ output (standard version is short circuit output, forced switch is customized):



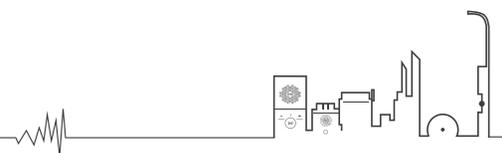
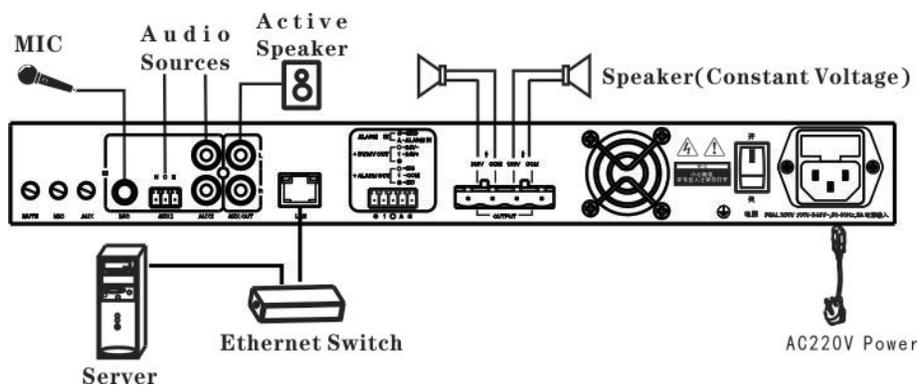
- 10. Power Output : 100V constant voltage output ;
- 11. Cooling Fan
- 12. Ground Terminal
- 13. Power Switch: Control power on or off.
- 14. Power Input
- 15. Fuse

INTERFACE



IP amplifier XC-9508 in rack-mounted installation with 4pcs of white washers head screws (M3*5). Please refer to the following dimension diagram to put device in suitable cabinet

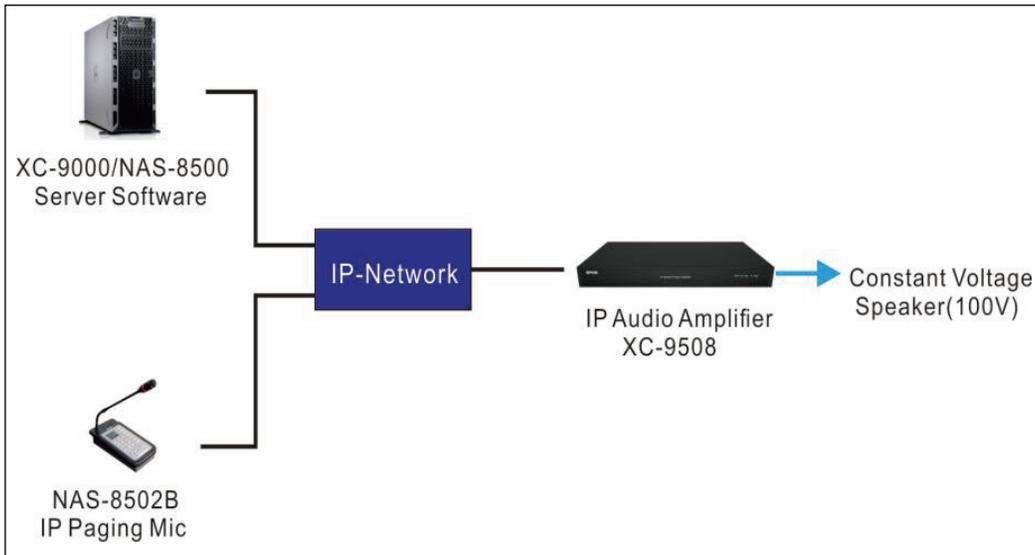
WIRING



APPLICATION

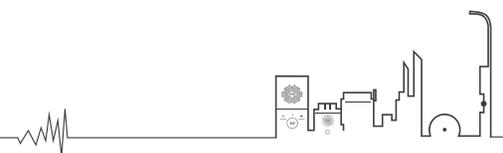
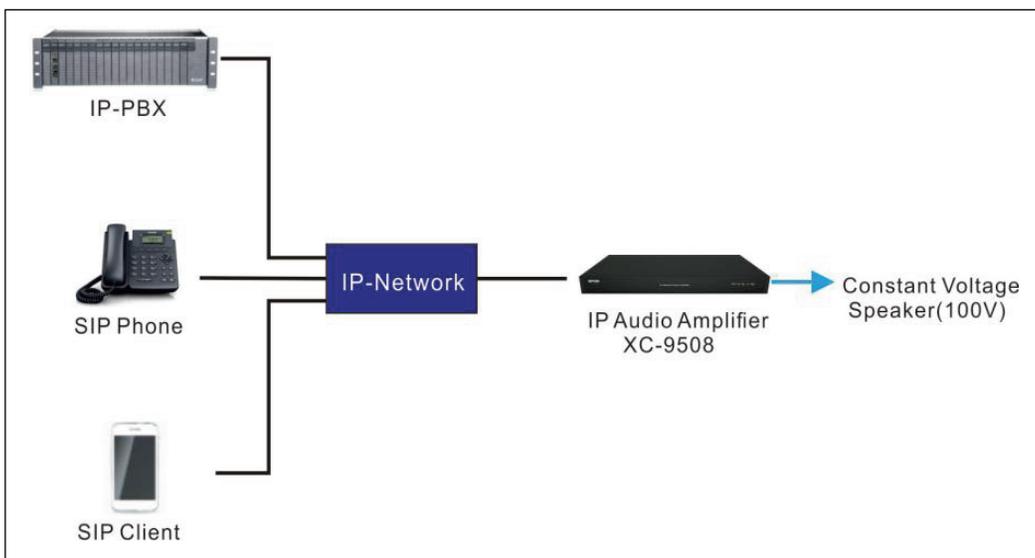
Application 1

IP audio amplifier XC-9508 supports receiving broadcast from XC-9000/NAS-8500 server software or IP paging microphone.



Application 2

IP audio amplifier XC-9508 supports the standard SIP protocol and can be independently connected to a SIP server for receiving broadcasts initiated by SIP phones or SIP softphones.

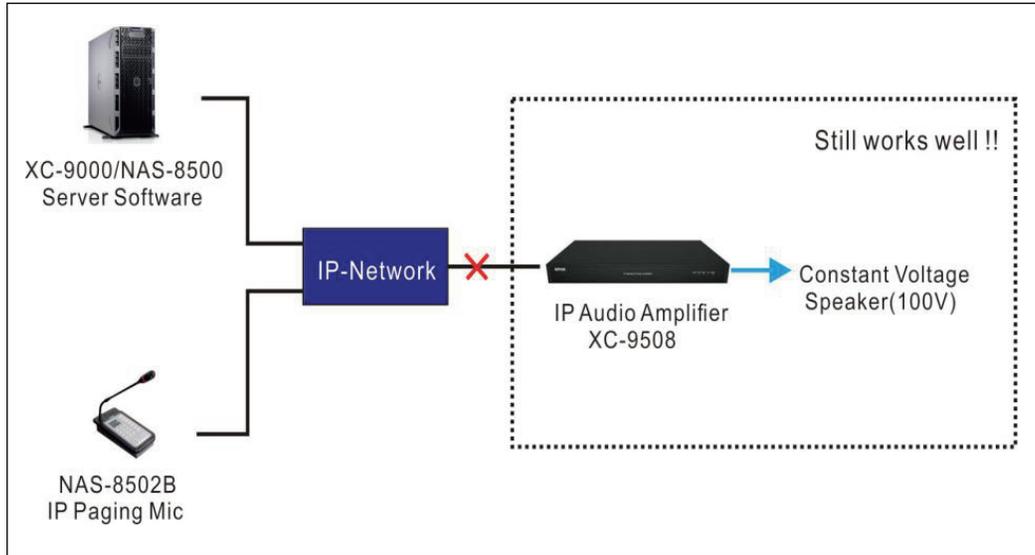


Application 3

:IP audio amplifier XC-9508 with microphone input, line input and line output interfaces, which can realize the local sound reinforcement function.

Application 4

:IP audio amplifier XC-9508 with microphone input, line input and line output interfaces, which can realize the local sound reinforcement function.



Application 5

IP audio amplifier XC-9508 with alarm input and output interface. When the alarm input is triggered, it can automatically play the audio file imported into FTP in advance.

