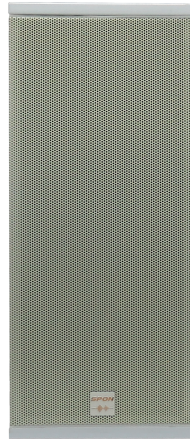


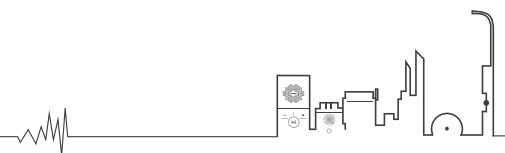
# XC-9601

## IP WALL-MOUNTED SPEAKER



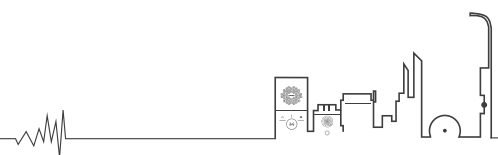
## MAIN FUNCTIONS

- Integration wall-mounted design , exquisite workmanship , integrated network audio decoding , amplifier and column speaker
- Waterproof and dustproof design , protection degree is IP 55
- With built-in loop detection to remotely monitoring the working status of the speaker , easily to maintenance
- Remote digital volume adjustment
- Support 1-way alarm input and alarm output
- Supports detection of ambient noise during idle time, and adjusts output volume during broadcast according to noise level
- Accessible to the system if the Ethernet is available , support cross network segment and router



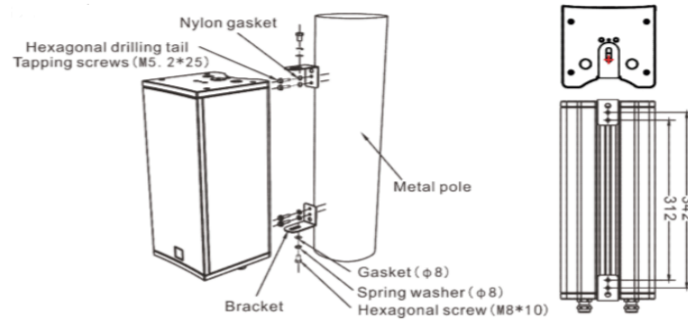
## SPECIFICATIONS

XC-9601		
Audio parameters	Audio stream	Unidirectional / bidirectional Mono
	SNR	≥80db
	Frequency response	50HZ~18KHZ
	Codec protocol	MP2/MP3/PCM/ADPCM
	Audio input	Built-in MIC
Speaker parameters	Built-in MIC	Frequency response: 20Hz-20KHz, Sensitivity: 45dB
	Speaker unit	1 inch tweeter, 4.5 inch woofer
	Max. SPL	90dB±3dB
	Frequency response	100Hz~18KHz
Amplifier	Sensitivity	88dB±3dB/W/M
	Amplifier	Class D
Network parameters	Network	10/100M Network adaptive
	Security	Login password protection
	Protocol	IPv4, HTTP, TCP, UDP, IGMP,ICMP, ARP, SIP
System integration	Voice announcement	Accept voice announcement from sip phone
	VoIP	Support standard SIP protocol
	Smart detection	Automatic speaker detection (built-in MIC)
	Output power	60W/1KHZ
	Standby power	≤3W
General parameters	Shell color and material	White, plastic
	Net material, surface treatment	Metal, spray
	RAM	128M
	Power	AC 110-260V
	Interface	RJ45、Power interface, control input \ output interface
	Reliability	24H/7D
	Environment	-40 °C to 55 °C (-40 °F to 131 °F)
	Certification	3C
	Dimensions	160 x 161.5 x 415mm (6.23 x 6.36 x 16.34 in)
	Weight	5.8KG
	Standard accessories	Expansion screw *2 sets, 4 external hexagon self-drilling screws , 2 external hexagon screws, spring washer (φ8) 2 pieces, 2 washers (φ8), 1 terminal (3.81-2P), 1 terminal (3.81-4P), 1 waterproof connector, 2 mounting brackets, 1 quick installation guide, certificate And warranty card 1
	Language	Simplified Chinese, English
	Warranty period	2 years



## INSTALLATION

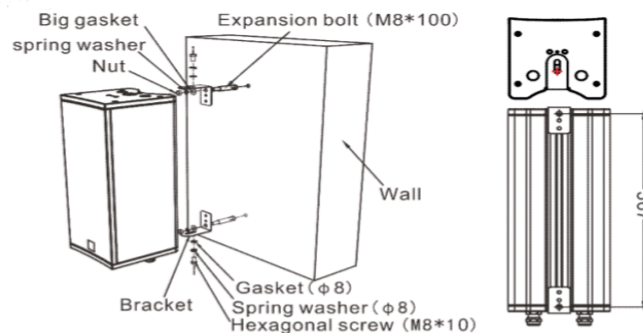
### Installation 1:



1. Using hexagonal drilling tail tapping screws (M5.2\*25 4PCS) with nylon gasket (screw prepared by yourself) to fix 2 brackets(as the the hole distance showed in the above picture) on metal pole( light pole, control rod, and so on);
2. Using hexagonal screw (M8\*10) 2pcs, spring washer φ8) 2pcs, gasket (φ8) 2pcs to fix column speaker on the middle of 2 brackets.

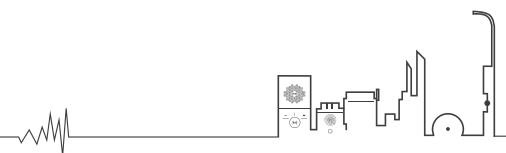
Note: the suggestion is that it should be a angle between the column speaker and the ground when using this way for installation.

### Installation 2:

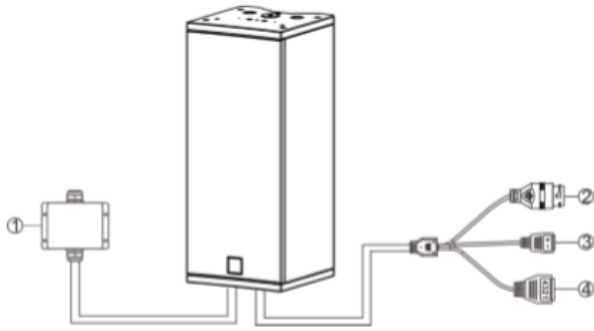


1. Drilling two φ12mm holes on the wall(the hole distance as the above picture shows), installing two expansion bolts to the holes(M8\*100) respectively.
2. Using expansion bolt (M8\*100), with nut, spring washer, big gasket) to fix two brackets on the wall.
- 3) Using 2pcs of hexagonal screw (M8\*10) with spring washer and gasket (φ8) to fix column speaker on the middle of 2 brackets.

Note: please do not stay wire to avoid internal poor connection caused by wire loose.

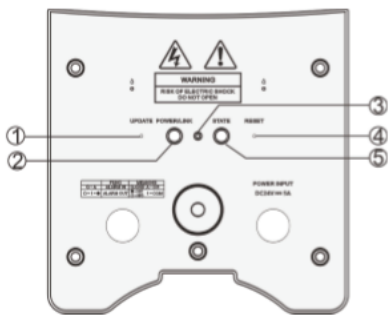


## INTERFACE



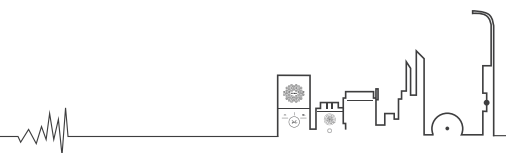
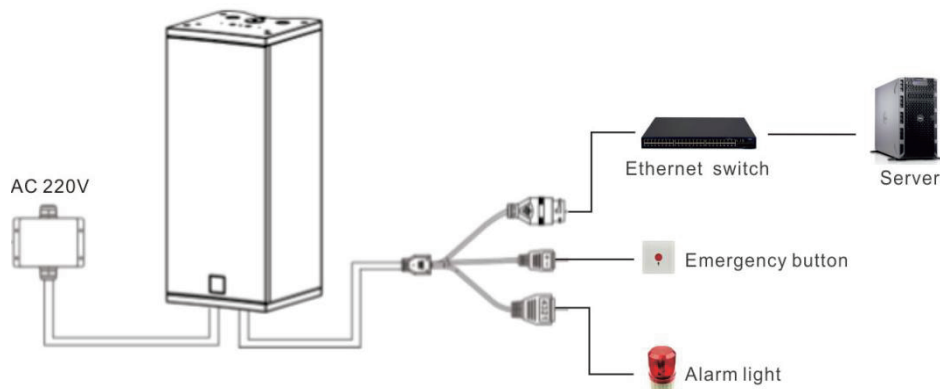
- ①The power input interface
- ②Network interface : connect to switch
- ③Short-circuit input interface: when the short-circuit interface is triggered, the speaker will automatically play audio files under the alarmin catalog of FTP.
- ④Short-circuit output interface:  
 1: Short-circuit output NO port;    2: Short-circuit output common port;  
 3: Short-circuit output NC port;    4: Free port.

## Rear panel



- ①Mandatory upgrade key  
Use tweezers or small pin to press the button and power on the terminal , about 5 seconds it can force the terminal into upgrade status
- ②Power and Network indicator light  
After connected the power, if internet is connect, the green light is on; If offline, the red light is ON.
- ③Mic
- ④Reset button
- ⑤Status indicator light

## WIRING



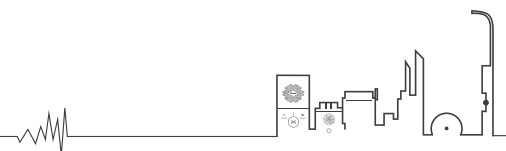
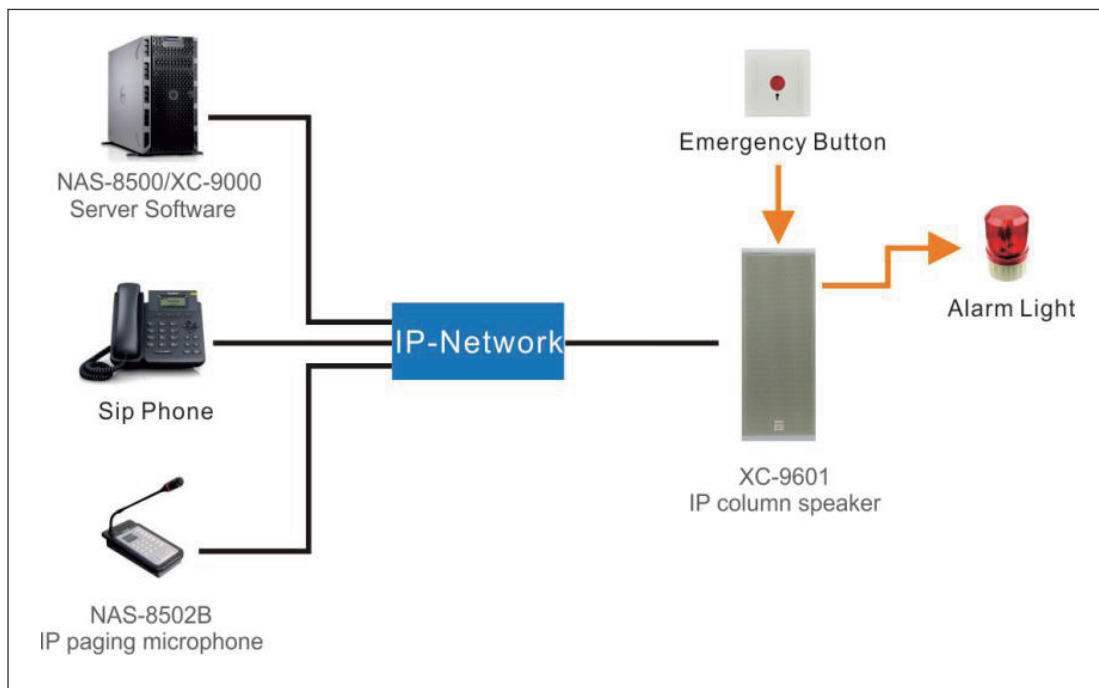
## INTERFACE

### Application 1

IP column speaker XC-9601 has built-in 60W Class D digital power amplifier, which can receive server software NAS-8500 / XC-9000, IP network paging microphone (such as NAS-8502, etc.), SIP phone initiating Broadcast tasks .

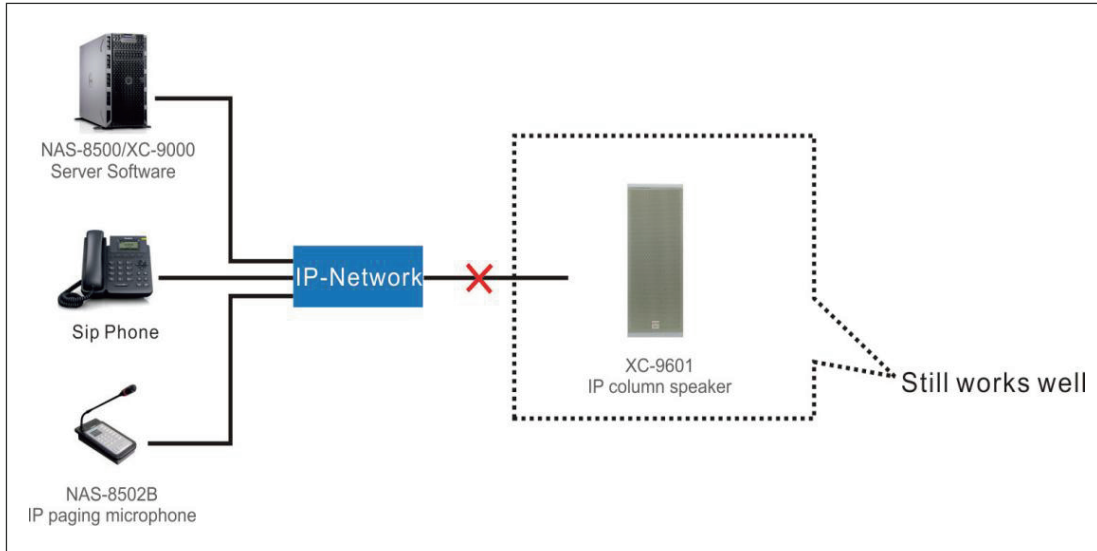
### Application 2

IP column speaker XC-9601 has an alarm input and output interface, which can be linked to peripheral equipment. For example, when there is an alarm input, the IP column speaker XC-9601 will be triggered to play a preset audio file and control the linkage alarm output.



### Application 3

IP column speaker XC-9601 has an alarm input and output interface, which can be linked to peripheral equipment. For example, when there is an alarm input, the IP column speaker XC-9601 will be triggered to play a preset audio file and control the linkage alarm output.



### Application 4

IP column speaker XC-9601 has an intelligent volume control function, which can automatically adjust the volume according to the environmental noise.

