

XC-9602B

IP SPEAKER



MAIN FUNCTIONS

Basic functions

- Receiving broadcast which is initiated by server (NAS-8500 or XC-9000) or other terminals.
- Setting parameters through WEB pages: users can configure network and audio parameters, modify login password through browser to realize personalized settings.

Wireless sound system (optional)

- The 2.4G wireless microphone work with correctly frequency speaker to realize amplification. 1 to 2 meters will be required for frequency distance, and using distance will be more than 15 meters (It may not cause any interference to the wireless microphone and receiving module).

Offline ringing

- Scheduled task can be sent to the terminal for internal storage through server or PC. It will automatically broadcasting the task when the terminal and server disconnected.

Line input

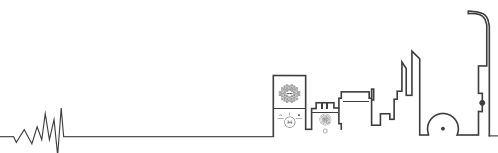
- Connecting computer and mobile phone for amplification through 3.5mm interface.

Line output

- Providing one road of line output after received the network tasks, connect with power amplifier or speakers for amplification.

Constant voltage backup (optional)

- When face the network failure (offline/network task can not be received/unstable network condition), it will automatically switch to the constant voltage line to broadcasting.



Power output

- Providing resistance impedance power output in 30W 8Ω during main speaker working, the vice speaker can be enabled as well.

POE

- Power in2*10W during POE supply.

Data transfer via dual network ports

- With dual network ports and data transfer function, which can work with hand-in-hand or one-input and output connection with the network devices (computers, AIO device and etc.).

Status

- A dual-color indicator lightshows terminal status (power supply, login and task acceptance), and two of single color indicator lightsshow network port status (connection, data sending and receiving).

Hardware reset, IP broadcasting

- Withconcealed reset button, press once to broadcasting IP address, ID number and other information during the network in offline status. Long press to reset as factory settings.

SNTP

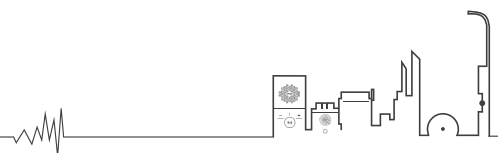
- User server or network clock server.

Text display

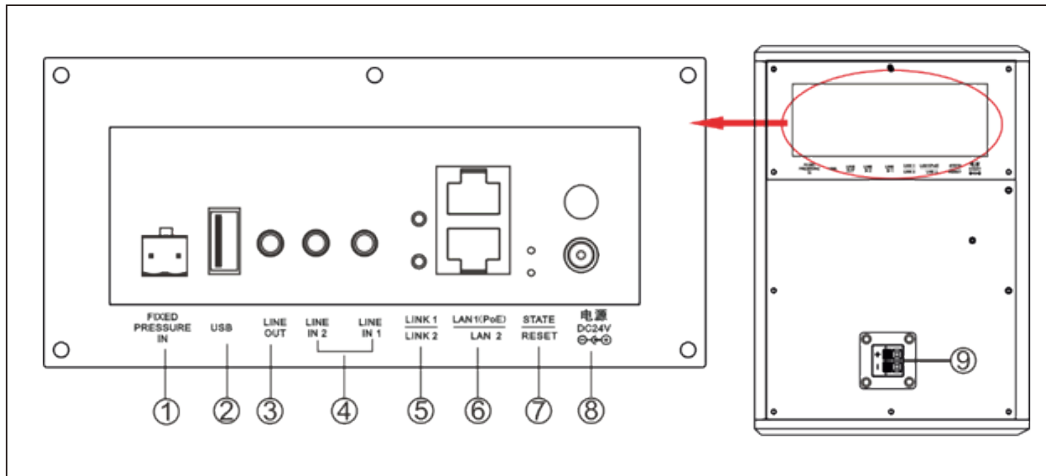
- The clock and text information can be displayed through USB interface connect with dot matrix display screen.

SPECIFICATIONS

XC-9602B		
Audio	Audio streaming	Two-way
	CODEC protocol	G.711a、G.711u、PCM、MP3
	Audio input	3.5mm stereo input
Speaker	Audio sampling rate	8KHz-44.1KHz
	Speaker component	Constant resistance 8Ω
	MAX SPL	92dB±3dB
	Frequency response	50Hz~18KHz
Amplifier	Sensibility	86dB±3dB W/M
	Built-in amplifier	Class D amplifier
Network	Transmission network	10/100M network self-adaption
	Security	Password protection
	Protocol	TCP/IP、SIP、UDP、ARP、ICMP、IGMP Protocol
System integration	VoIP	Work with SIP protocol, and voice transmission with IP PBX system
	Power	≤5W
	Intelligent detection	Offline detection
	Output power (DC)	2×30W
	Output power (POE)	2×10W
General	Event actions	Work with XC-9000 for broadcast, alarm and other functions
	Housing color	Black
	Housing material	Wood
	Memory	RAM 128M
	Power	24V/2.7A or POE (IEEE 802.3af)
	Interface	RJ45 support POE (IEEE 802.3af)
	Reliability	Designed for 24/7 operation
	Operating conditions	-10°C to 45°C (14 °F to 113°F) Humidity <90% RH (no condensing)
	Storage conditions	-20 °C to 65 °C (-4 °F to 149 °F)
	Approvals	3C
	Dimensions	310*156.5*232mm (12.2 x 6.16 x 9.13 in)
	Weight	8.7 KG(main speaker + vice speaker)
	Included accessories	Wiring terminal(5.08-2P)1PCS,Power adapter1PCS(DC24V/27A male connector),Power bracket 1PCS,Semi-circular head self-tapping screw2PCS(m4*22Black),Mounting bracket 1PCS,Installation manual 1PCS,Certificate and warranty card 1 PCS.
	Optional accessories	Wireless microphone 1 PCS (wireless module for optional)
	Software	
	Languages	Simplified Chinese, English
	Warranty	1 year



INSTALLATION



①Constant voltage backup input port: 100V constant voltage audio input. When the network is abnormal or power failure, we can switch to analog constant voltage broadcast(this module is for optional).

②USB interface: used for downloading programs or connecting with LED screen and clock. LED screen can display text, date and time.(LED screen is for optional).

③Line output port: stereo output in 500mV@10k.

④Line input port:stereo input in 500mV@10k.

⑤Network data indicator light: the green light flashes slowly when the terminal is powered on, and the green light flashes quickly with data. LINK1 and LINK2 corresponding to network port 1 and 2 respectively;

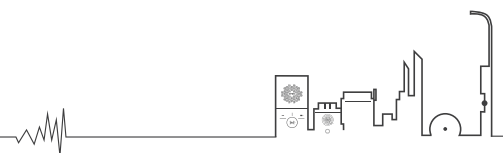
⑥RJ45 network port: dual network port, 10M/100M self-adaption. The first network port in POE power supply, if connect with POE switcher, needn't connect with power.

⑦The first one is terminal status indicator: red light flashes slowly in offline status, green light always on in online idle status.

The second one is reset button: press the button with tweezers or a small pin to broadcast the device ID, IP address and etc. Hold it for 5 seconds to restore to factory settings.

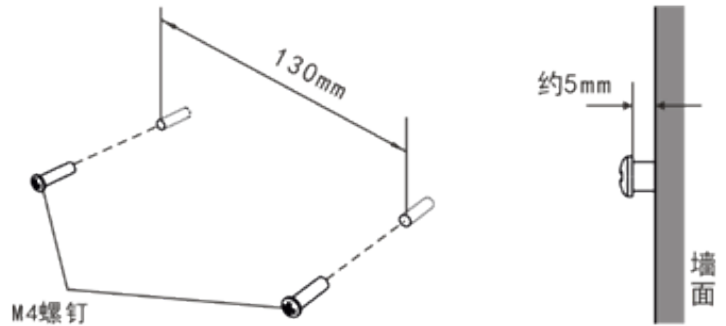
⑧DC24V/2.7A; Power input port: connect with AC220V power supply.

⑨Constant resistance output interface: red for +, black for -, used for connect with vice speaker(30W/8Ω).

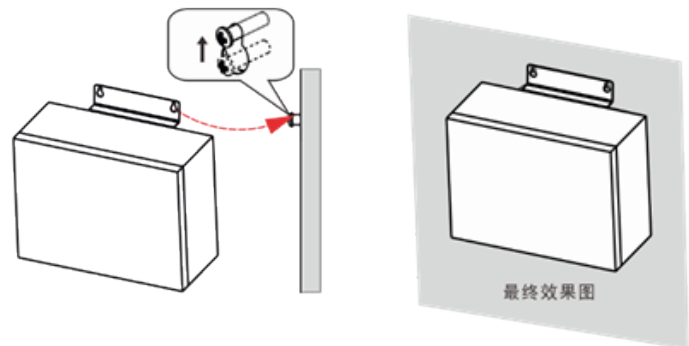


INSTALLATION

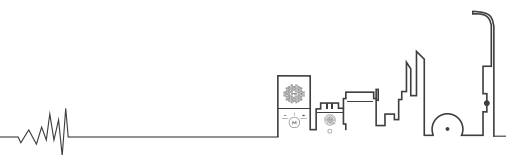
Step 1: horizontally installing 2pcs of M4 screws to the wall according to the hole position, leaving 5mm distance, please see the right picture showing:



Step 2: please placing 2pcs of holes to hanging on the screw, and then tighten the screw to ensure fixed it well. And keep the device in horizontally installation.



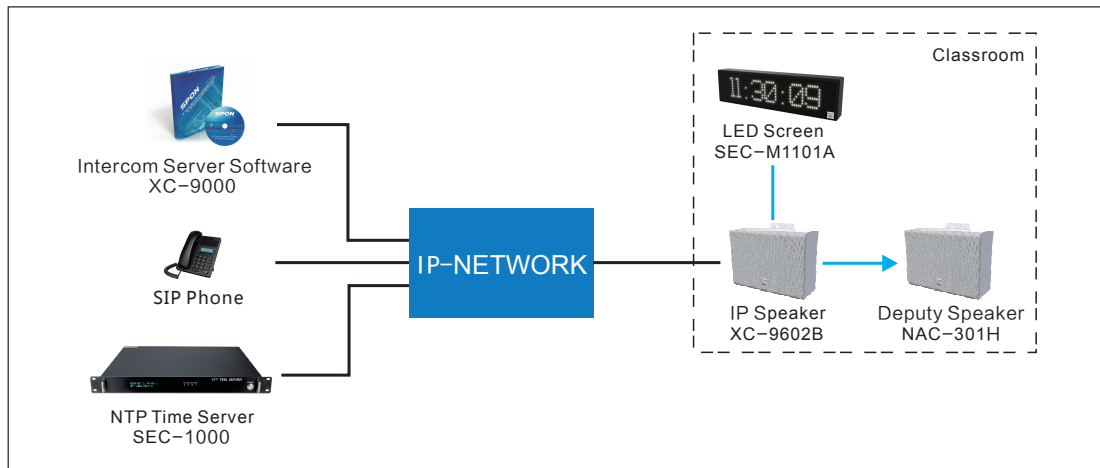
Note: please ensure the hardness of the installation surface, do not directly installed on the wall which is not in insufficient hardness such as gypsum board. Please reinforce the installation surface if necessary. (installation screws are not included in accessories)



APPLICATION

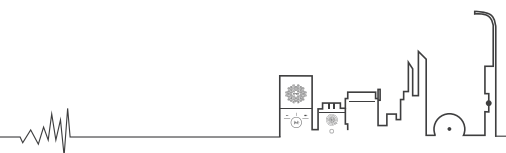
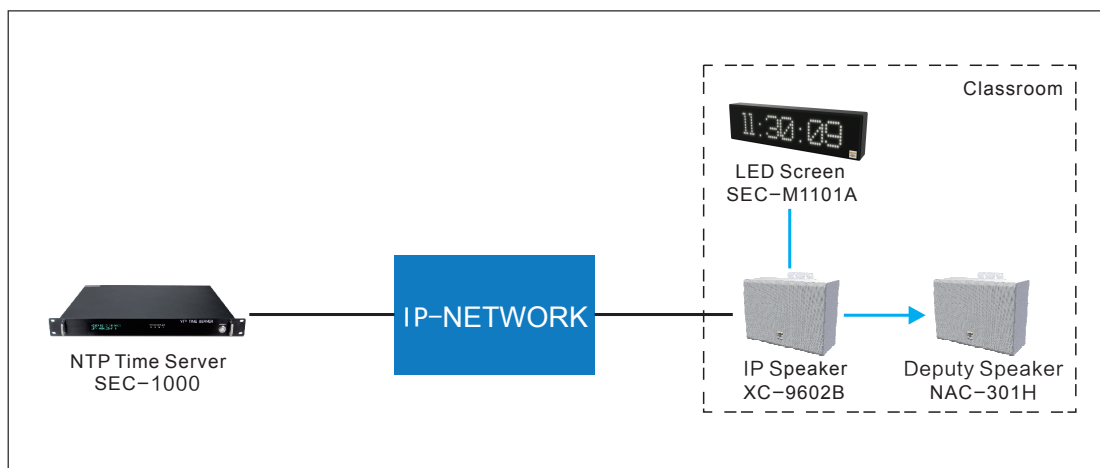
Application 1

The IPspeaker XC-9602B work with SPON XCoIP protocol, SIP telephone can initiate broadcast to one or more than one of XC-9602B.



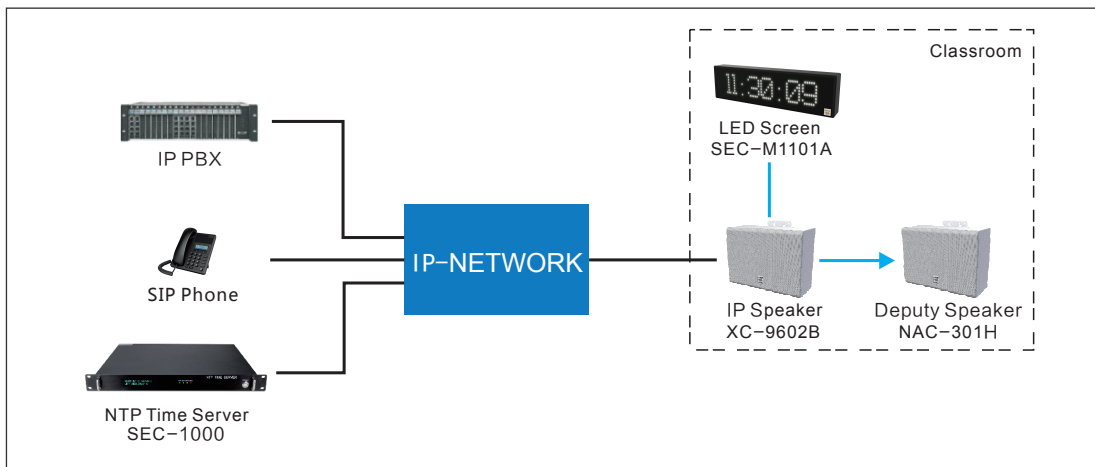
Application 2

The IP speaker XC-9602B can work in offline status. When the device is offline, it can play scheduled ringing tasks which is set by server during offline, such as school ringing for class begin and close.



Application 3

IP speaker XC-9602B work with standard SIP protocol, and it will be ok for registering to the mainstream IP-PBX and receiving SIP calls or the broadcasting which is initiated by SIP soft calls.



SPON

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