XC-9607

IP WALL-MOUNTED SPEAKER

MAIN FUNCTIONS

Basic functions

- Receive broadcast: receive the broadcast initiated from other terminal station or server.
- Modify the parameters (audio parameters, network parameters, or login password, and so on) via WEB to realize personalized settings.
- Power supply via POE (POE over Ethernet)-only one Ethernet cable required.
- SIP protocol.
- Each loudspeaker can be addressed and configured individually.
- End-to-end monitoring of connection and loudspeaker functionality.
- High volume capacity and superior speech quality thanks to the integrated 15 watts class-D amplifier and eHD voice.
- No need for central amplifiers to realize small-sized and remote PA zones.
- Loudspeaker can be allocated to groups and zones

Audio functions

- Amplifier output: amplifier output port, can be external 10W deputy speaker.
- IVC （Intelligent Volume Control): automatically adjust the volume setting to the ambient noise level.
- Scheduled program broadcasting: uploading the audio resource needed to be played for every day to the server, and making the plan for broadcasting task. IP Wall-Mounted Speaker can play the planned task automatically which is settings by server.

Additional functions

Loop detection: with self-inspection function, and the working status can be detected.
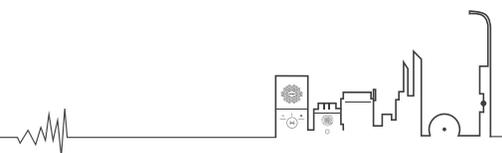
SPECIFICATIONS

XC-9607		
Audio	Audio streaming	One-way/two way, mono
	Audio compression	G.711a, G.711u, PCM, MP3
	Audio input	Built-in MIC
	Built-in MIC	Frequency response 20Hz-20KHz, dB-45dB
Speaker	Speaker component	Constant resistance 8 Ω
	Speaker component	Treble speaker 1 inch, bass speaker 4.5 inches
	MAX SPL	90dB±3dB
	Frequency response	100Hz～18KHz
	Sensibility	88dB±3dB/W/M
Amplifier	Built-in amplifier	Class D amplifier
Network	Transmission network	10/100M self-adptioncontrol
	Security	Password protection, IP address filtering, 802.1x network access control
	Supported protocols	IPv4/v6c, HTTP, RTP, TCP, UDP, IGMP, ARP, SIP
System integration	Voice announcement	Voice announcement through built in SIP support for connect to any IP telephone/ VoIP system
	VoIP	Support for SIP protocol to realize network transmission of audio and PBX
	Intelligent detection	MIC self-detect (via built-in MIC)
	(DC/POE)Output power	15W
	Event actions	It can be realized the broadcast, alarm, and other functions with XC-9000 software.
General	Shell color	White
	Shell material	Plastic
	Grille material	Metal
	Grille surface treatment	Spraying
	Memory	RAM 128M
	Power	24V/1A or POE（IEEE 802.3af）
	Interface	RJ45 support for POE（IEEE 802.3af）
	Reliability	Designed for 24/7 operation
	Operating conditions	–20°C to 50°C (4°F to 122°F) Humidity <90% RH (no condensing)
	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
	Approvals	CE、3C
	Dimensions	193 x 151.5 x 292mm (7.60 x 5.96 x 11.50 in)
	Weight	2.4KG
	Included accessories	Stainless steel screw（M8*12）with spacer 2 PCS, wiring terminal (3.81-2P) 1 PCS, wiring terminal (3.5-4P) 4 PCS, waterproof connector 1 set, bracket 1 PCS, installation manual 1 PCS, certificate and warranty card 1 PCS.
	Optional accessories	24V/1A power adaptor 1个PCS
	Software	/
	Languages	Simplified Chinese, English
	Warranty	3 years
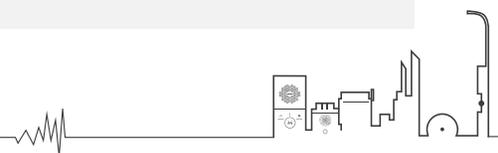
INSTALLATION
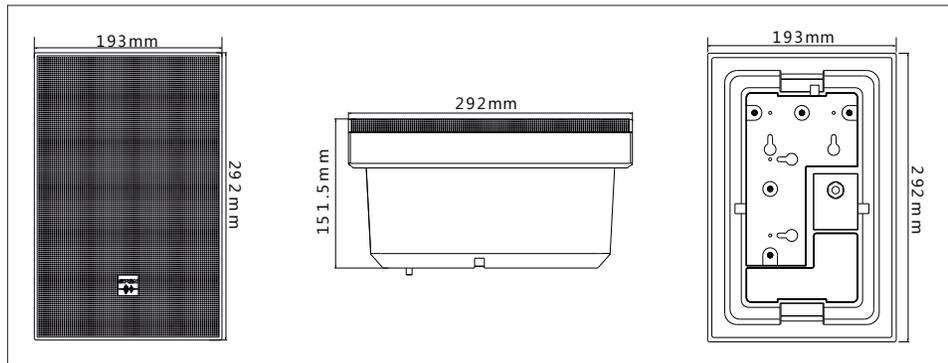
Installation mode 1: indoor wall−mounted
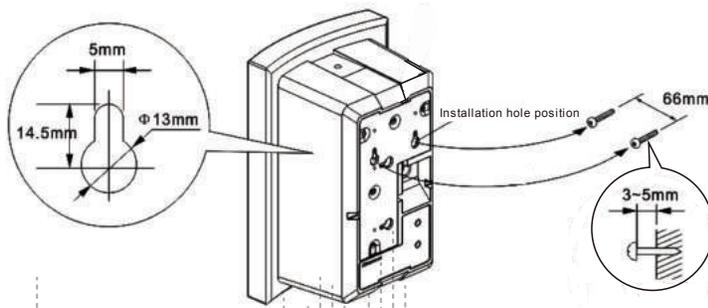
1. Fix the screws to the wall according to the mounting hole, 3 to 5 mm for reserved.

2.The speaker hole should align with the screws to make fixing.

Note: the speaker can be horizontal and vertical installation. The distance of the mounting hole will be 77mm during horizontal installation.

Installation mode 2: bracket installation
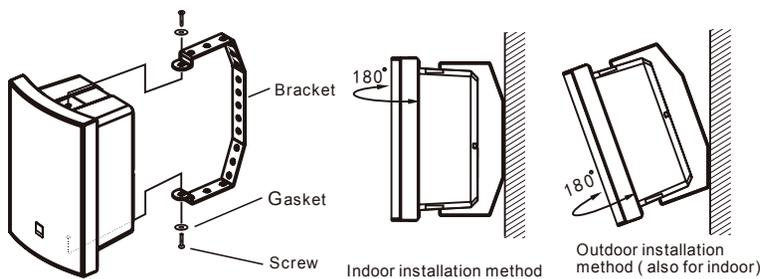
1. Fix the bracket to the wall.

2.TFix the speaker to the bracket by gaskets and screws.

Note: the bracket should be suitable for horizontal installation. For reaching to the fantastic broadcasting effect, please loosen the screws to adjust the speaker in a suitable position (Note: the speaker can be rotation in 180 degrees)

① Network interface: connect with network switch-er or POE switcher via network cable.

② Power interface: DC24V/1A (POE supply, and it needn't to connect with the power if connected with POE switcher already).

③Amplifier output port (Note: port 1 and 2 is for amplifier output, port 3 and 4 port is for reserved.)
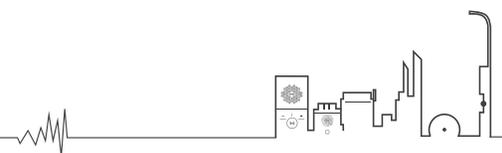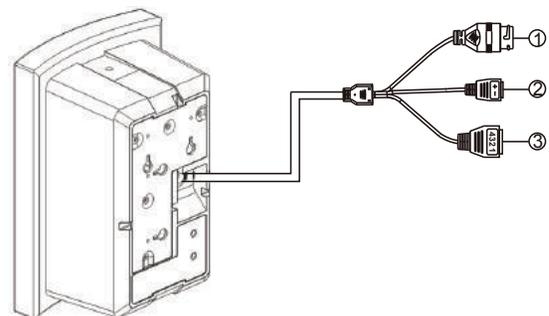
APPLICATION

Application 1

IP Wall-Mounted Speaker is work with with SPON XCoIP protocol, and it will be ok for SIP phone to make broadcasting to one or more IP Wall-Mounted Speaker.

Server Software XC-9000   SIP Phone   IP Video console XC-9031   SIP Softphone

IP−NETWORK

IP Wall-Mounted Speaker XC-9607
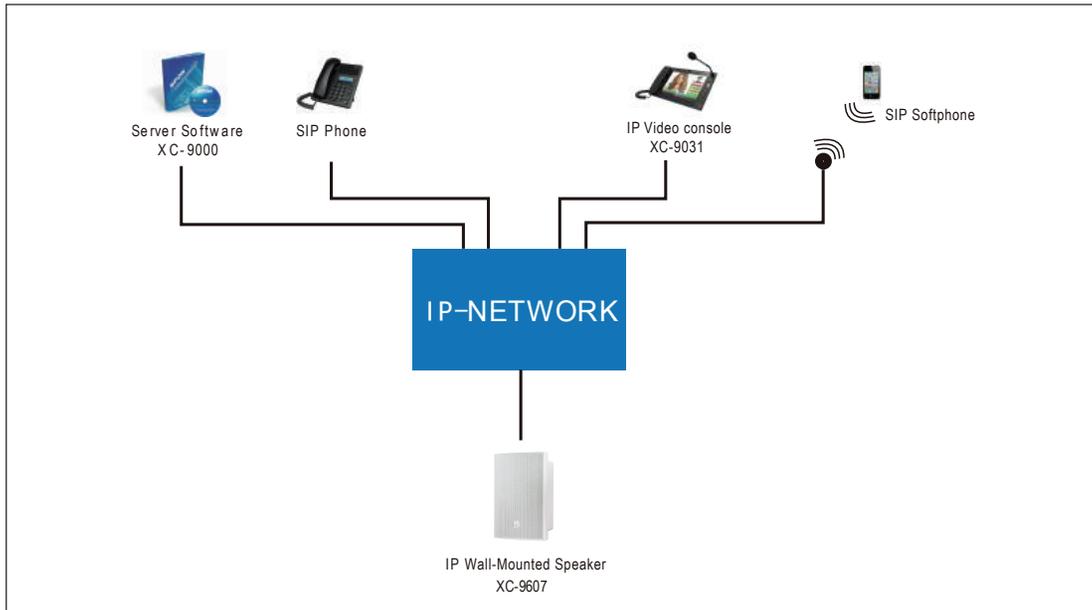
Application 2

IP Wall-Mounted Speaker is work with standard SIP protocol, and it will be ok for registering to the mainstream IP-PBX and receiving SIP calls or initiating the broad-cast.

IP PBX   SIP Phone   IP Video console XC-9031   SIP Softphone

IP−NETWORK

IP Wall-Mounted Speaker XC-9607
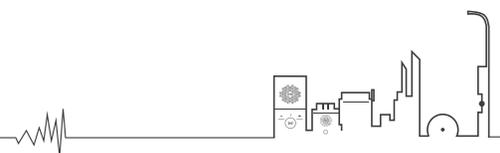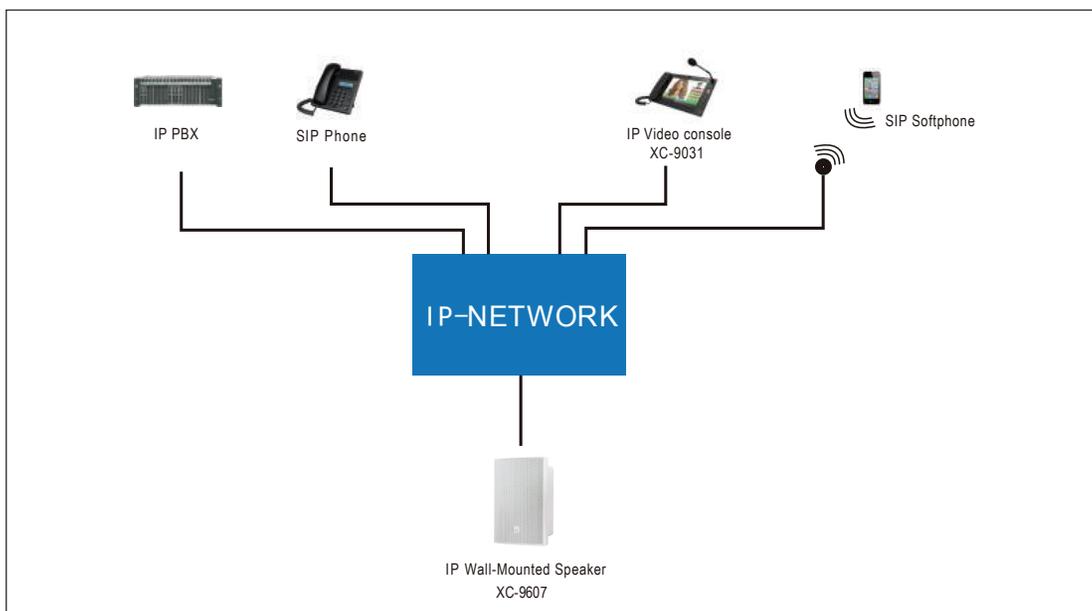
Application 3

Without the SIP PA server, the IP Wall-Mounted Speaker initiate broadcasting through receiving SIP calls or SIP soft calls to dialing IP address or multicast address.

SIP Phone

SIP Softphone

IP−NETWORK

IP Wall-Mounted Speaker
XC-9607
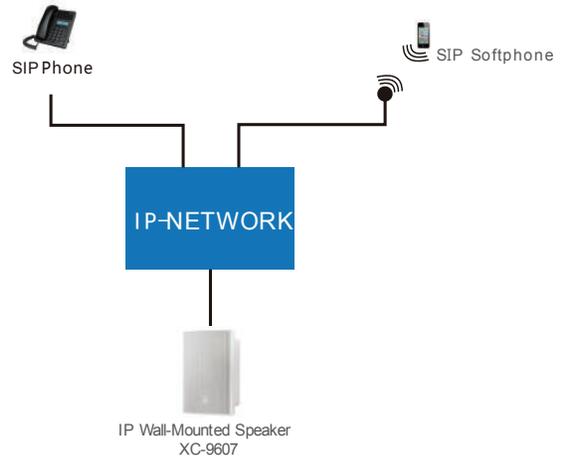
Application 4

IP Wall-Mounted Speaker work with multicast and different priority levels. It will be ok for multicast software broadcasting audio files to one and more than one of IP Wall-Mounted speakers, and high-priority multicast address broadcasting can end low-priority multicast address broadcasting.

Multicast Software 1 · · · Multicast Software n

IP−NETWORK

IP Wall-Mounted Speaker
XC-9607
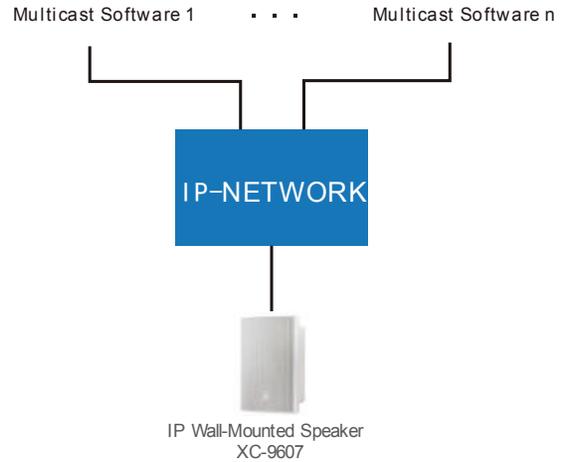
Application 5

IP Wall-Mounted Speaker has environmental noise monitoring function, and it can automatically adjust the volume according to the site environmental noise to ensure the clear and recognizable voice in any time.

IP−NETWORK

IP Wall-Mounted Speaker
XC-9607

Level 1 5

Level 10

Level 0 Idle

Noise

Intelligent Volume Control(Automatic)