

# XC-9603A12

## IP Outdoor Column Speaker

SPON IP Outdoor Column Loudspeaker XC-9603A12 is a versatile tool speaker. With an IPX5 rating, it can be used externally for applications such as public address, music streaming, pre-recorded message broadcast and scheduled announcements. It is mainly suitable for Park、Playground、outdoor plaza etc outdoor environment.

SIP IPX5

## MAIN FEATURES

### Integrated Design and Functionality

- Durable, all-metal shell with IPX5 waterproof rating and resistance to violence.
- All-in-one design combining network audio decoding, digital amplifier, and loudspeaker unit.
- Built-in high-capacity flash and clock chip for offline broadcasting.
- Built-in loop detection function for remote monitoring and easy maintenance of speakers.





### Audio Control and Network Integration:

- Ambient noise detection during idle periods, with automatic adjustment of broadcast volume based on noise levels.
- Remote volume adjustment via server software.
- Standard RJ45 network interface for access anywhere with Ethernet, supporting cross-network segment and routing.
- Standard SIP protocol support for seamless integration with mainstream SIP PBX systems (Yeastar, Asterisk, Cisco, etc.).

### Configuration and Upgrades:

Web interface for parameter configuration and remote firmware upgrades, enhancing functionality and user experience.





## SPECIFICATION

| POWER PARAMETERS | |
|---|---|
| Power Supply: | AC220V/50Hz |
| Power Consumption: | ≤150W(Power Output：120W) |

| AUDIO PARAMETERS | |
|---|---|
| Audio Codec: | MP2、MP3、PCM、ADPCM |
| Audio Sampling & Bit Rate: | 8kHz~44.1kHz, 16bit, 8kbps~320kbps |
| S/N: | >80dB |
| Frequency Response: | 200Hz~18KHz |
| Sensitivity: | 89dB@3dB |

| NETWORK PARAMETERS | |
|---|---|
| Network I/F: | 10BASE-T/100BASE-TX RJ45 |
| Network Protocol: | TCP/IP、UDP、ARP、ICMP、IGMP |
| Configuration Method: | Web Interface |

| MECHANICAL & ENVIRONMENT PROPERTIES | |
|---|---|
| Mounting Method: | Surface-Mounted |
| Installation Environment: | Outdoor Locations |
| Operating Temperature: | -20°C~+55°C (-4°F~+131°F) |
| Operating Humidity: | 10%-90% RH Non-Condensing |
| Shell Color&Material: | White&Aluminium Alloy |
| Net Color&Material: | White&Steel |
| Net Surface Treatment: | Powder Spraying |
| Bracket Material: | Steel |
| Product Dimensions: | 227×125×1170mm |
| Product Weight: | 13.59kg |
| Product Warranty: | 3 Years Limited |

### ACCESSORIES

| STANDARD ACCESSORIES |
|---|
| 1×Quick Installation Guide |
| 1×Certificate And Warranty |
| 1×Rectangular Metal Piece |
| 2×L-Type Installation Frame |
| 2×M8&Spring Washers |
| 1×Waterproof Tail Wire Connector |





## PORTS DESCRIBTION

① **Power supply interface :**
AC220V.




② **Network interface :**
plugging network cable and connecting to server.
Note:This icon means weephole , please do not cover or block it

## CONNECTION DIAGRAM



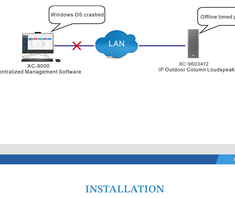





## APPLICATION

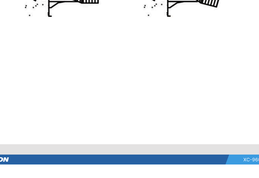
### Application 1

The IP Outdoor Column Loudspeaker XC-9603A12 can receive broadcasting from SPON management software 、IP paging microphone 、the third-party sip phone (Integrated with SPON software via SIP trunk).




### Application 2

The IP Outdoor Column Speaker support offline broadcasting. When the speaker is offline, the scheduled ringing task set by the server software can be played regularly.
Note:Offline schedule task need to be imported into speaker's FTP in advance.



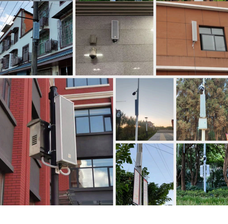





## INSTALLATION

### Installation instructions

Install three screws with a diameter of 8mm on the facade where the column speaker needs to be installed, install the bracket as shown in the figure above, and fix the sound column. If necessary, extend the upper bracket with the included tongue to adjust the depression angle of the column.
Note:
The installation method of this column speaker is vertical installation (horizontal installation is not allowed), the outlet ends of the power cord and network cable face down, and do not block the water leakage hole (see the silk screen on the bottom of the machine for the location of the water leakage hole). During installation, the strength of the mounting surface must be ensured to avoid the risk of falling.







## CASE



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