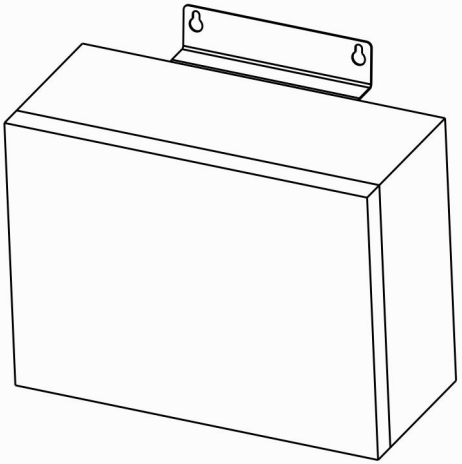
SPON

IP AUDIO SPEAKER

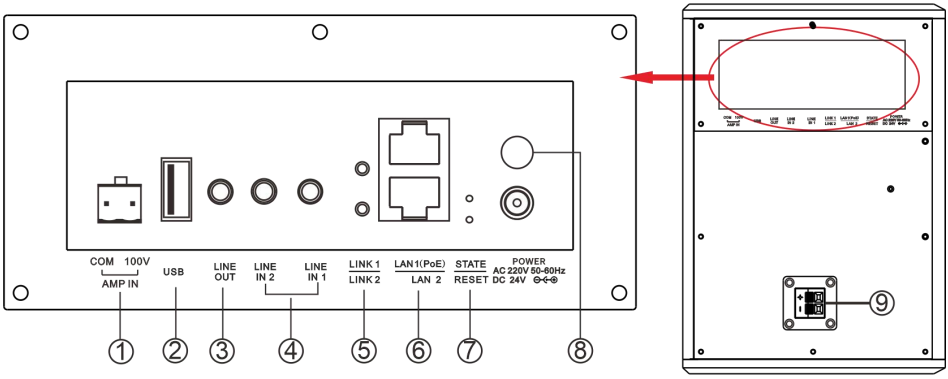
Installation Manual



IP NETWORK PUBLIC ADDRESS SYSTEM

Interface Description

Rear



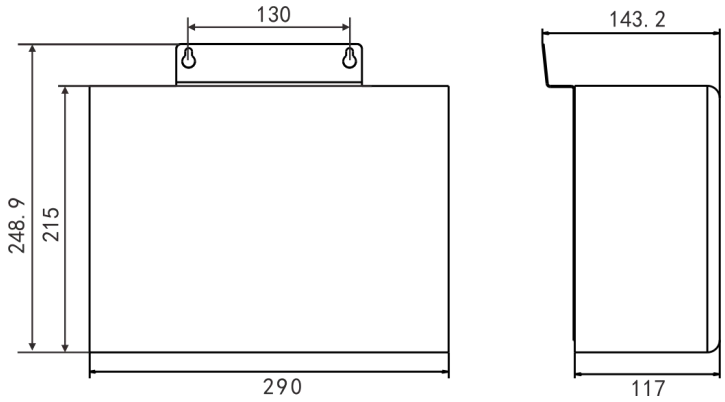
①Constant voltage input port: supporting 100V audio input. It can automatically switch to analog constant voltage broadcasting when under abnormal network or without power (Optional)
②USB Port: Use for downloading program or connecting LED screen, clock. (Optional.
③Line output port
④Line input port
⑤Network task indicator light: After connecting cable, green light is always on if not receiving software task; The green light will flash when receiving software task.LINK1 and LINK2 is correspond to network port 1 and network port 2 separately.
⑥Network port: for connecting switch to assure it to be logged in the software normally.(With double network port , the first one is for POE power supplying)
⑦Status indicator light/ reset button
Status indicator light demonstrate the device status. The red light will slowly flash when the device is offline, while the green light will be always on when the device is online.
Reset button: Pressing it with the use of small pin, the device will broadcast device ID, IP address. 5 second long time press to reset the device.
⑧Power supply port: Connecting AC220V power supply.
⑨Constant resistance output port: For connecting deputy speaker (30W/Ω) ,the red presents positive, the black presents negative。

Configuring IP Audio Speaker

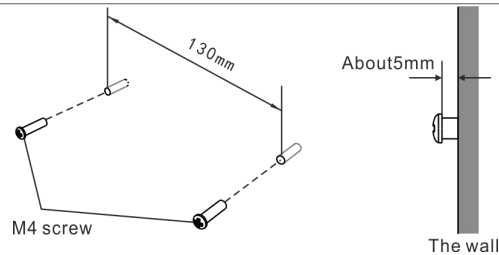
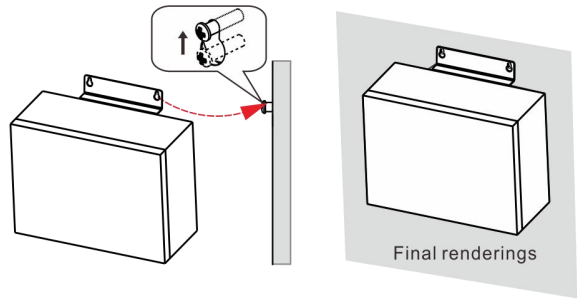
1） Please enter the IP audio speaker's IP address(the factory default IP address is 192.168.1.101)
2） Enter the username and password in the web page login window (the default is admin)。
3）Click OK to enter the web page of the IP audio speaker.

Note: please refer to the user manual for more information.

Dimension（unit：mm）



Installation Diagram

Step 1：Install two M4 screws horizontally on the wall according to the installation holes, leaving a distance of about 5mm, as shown in the right picture	
Step 2: Hook the two gourd holes of the device on the screw heads, and then tighten the screws to make them firm and not shake.At the same time, visually check whether the installation direction is correct and whether it is tilted.	

Note: When installing, please ensure the strength of the installation surface. It cannot be directly installed on a wall with insufficient strength such as gypsum board. If necessary, please fully reinforce the installation position.

Remarks: For products with wireless modules, when without interference from the same frequency band, the installation height of the finished product can be controlled ≤ 3m. At the same time, the distance from the on-site wireless router must be ≥1m.

Specification, Functional Parts and Parameters

Power supply	220V～50Hz or PoE（IEEE 802.3at)
Output Power	2*30W(8Ω) / 2*7W（PoE power supply）
Stand-by power consumption	≤3W
Network protocol	TCP/IP、SIP、UDP、ARP、ICMP、IGMP protocol
Network transmission rate	10/100Mbps
Audio sampling rate	8kHz～44.100kHz, 16bit
S/N	≥80dB
Line Out Rated Voltage	500mV
Line input Sensitivity	LINE IN 1：600mV LINE IN 2：300mV
Box Sensitivity	86dB（W/m）
Frequency response	35Hz-18KHz
Total harmonic distortion	≤0.3%，1kHz
Constant Voltage input	100V（optional）
Product Size	290*117*215mm
Working temperature / humidity	-10℃～+45℃ / 10%-90% (no condensation)

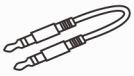
Fault Exclude

Phenomenon	Reason and Fault Exclude
2.4G wireless microphone no sound.	1. Checking whether microphone has successfully connected to device . If not , closing the microphone and re-connect. 2. Check whether microphone has connected to other devices. If yes, closing it and re-connect. 3. After successfully paired, increase the microphone sound volume.
No sound when receiving broadcast	1. Check whether the device is online or not 2. Check whether device sound volume in server and in web page to be 0, if yes, please increase it.

Packing List



Wiring port 1pcs(5. 08-2P)
(It is only equipped for device with constant voltage backup)



Double connector 3.5 audio cable1pcs (2.5m)



Remote control 1pcs (optional for device with wireless module)



Certification 1pcs



Plastic expansion sleeves 3pcs(F7)



Semi-round head cross screw 3pcs(ST4*35)



Installation manual 1pcs

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