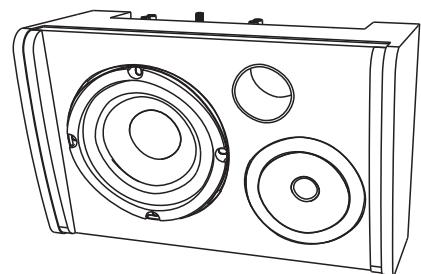


# User Manual



**IP Network Active Speaker TCI-IP507**

## Safety Instructions

1. Do not put any object on the speaker.
2. Do not turn on or off the speaker repeatedly at the same time, and do not block the ventilation holes.
3. The ventilation slots on the machine cannot be blocked. When cleaning the surface of the speaker, please turn off the power. After cleaning, use a dry cloth to wipe it. Do not use any corrosive solvent to wipe it.
4. Use a fixed power socket with sufficient capacity for power supply.
5. If the machine has problem, please shut down the machine in time, unplug the power plug.
6. Do not expose the equipment to water leakage or splashing water environment. Do not place any liquid containers on the speaker.
7. When connecting equipment, please pay attention to whether the power output terminal or socket has a protective grounding device. If there is no such device, settings, do not connect.
8. For terminal interfaces marked with the "lightning" symbol, please use ready-made leads or soft wires, or have them instructed by professional engineer.
9. This device can be used from above 2000M to 5000M

# Product Description

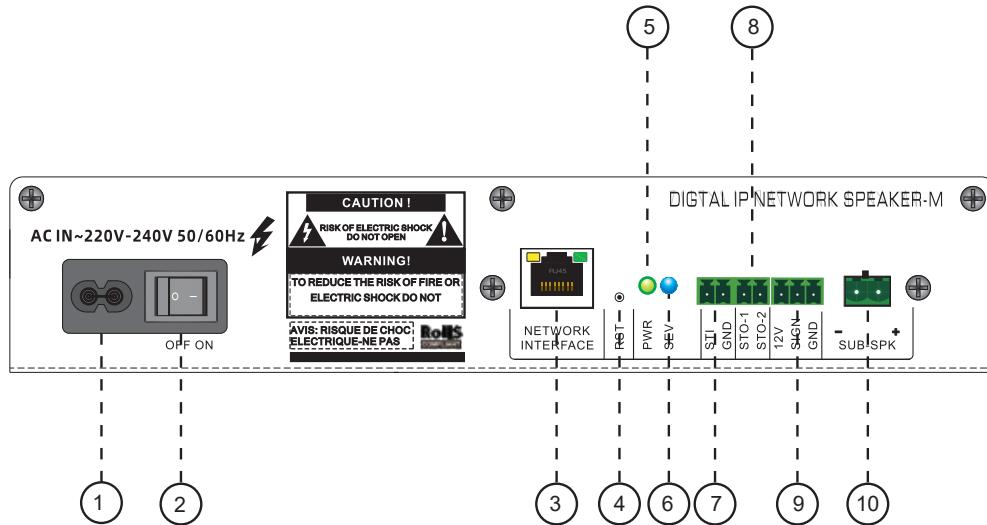
## Product overview

Professional integrated wall-mounted network audio decoding speaker, built-in network decoding module, digital stereo fixed resistance power amplifier and high-fidelity speakers; indoor use, directly connected to the network can be used, each speaker can be used as an independent partition, suitable for Rooms, classrooms, guest rooms, etc.

## Features

1. Indoor wall-mounted high-density wooden speakers, high-end and atmospheric;
2. Using Linux system; high-end 4-core ARM chip, stable performance and fast operation;
3. Dual power supply design: The core board is powered by a separate power supply, completely separating the digital ground and analog ground, greatly improving the signal-to-noise ratio;
4. Multiple security functions of the circuit: voltage monitoring, current limiting, automatic restart when terminal unexpectedly crashes, lightning protection, anti-static damage.
5. Anti-electromagnetic interference design, moisture-proof process, strict material selection of components, and can work under the conditions of -20°C~70°C;
6. Supports terminals Remote firmware upgrade eliminates the need to go to the terminal to upgrade locally, reducing the work intensity of maintenance personnel;
7. Standard offline backup function, built-in 2G EMMC memory, 256M DDR flash memory;
8. Supports linkage with cameras to view camera content in real time through broadcast software;
9. Standard RJ45 interface supports mixed use of terminal 4G network and local LAN;
10. Support mobile phone network 4G.5G.WIFI on-demand, broadcast and shouting functions;
11. Using AI intelligent recognition technology, the terminal automatically displays the status on the main page of the system.

## Interface Description



① .AC Power Input	⑦ .Short-circuit Input Interface (Function Editable)
② .Power Switch	⑧ .Short-circuit Output Interface 1, 2
③ .RJ45 Network Interface	⑨ .DC12V Output Line Input Grounding
④ .Reset Button	⑩ .Slave Speaker Output
⑤ .Power Indicator	
⑥ .Server Indicator Light	

Remarks: SEV indicator flashing means the terminal is not connected to the server.  
 SEV indicator constantly on means the terminal is connected to the server.

## Technical Parameters

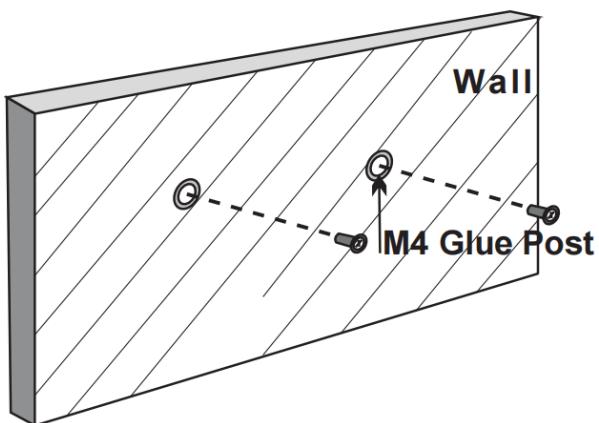
### Specifications

Model	TCI-IP507
Frequency Response	20Hz-20KHz
SNR	80dB
Dynamic Range	80dB
THD	0.005%
Sampling Rate	8K-48KHz
Network Transmission Rate	100Mbps
Audio Format	16-bit CD quality
Power Supply	~220V/50Hz
Dimension	310(W)*195(D)*148(H) mm
Net Weight	2.9KG
Gross Weight	3.2KG

## Installation Instruction

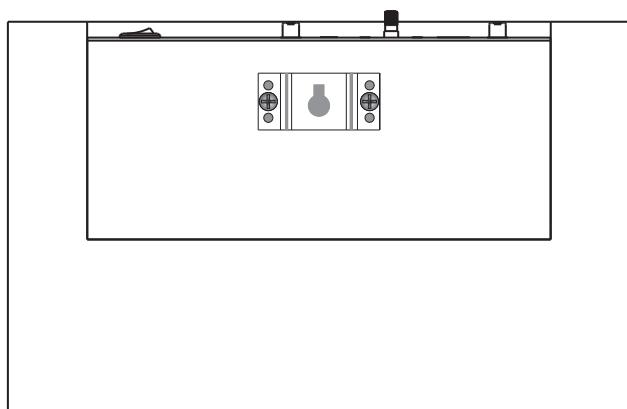
### Step 1

Drill a hole with a diameter of M4 on the wall, and then install an M4 glue post. Then screw in a self-tapping screw with a handle diameter greater than 8MM (be careful not to screw it all the way to expose 2MM height)



### Step 2

Then hang the speaker hanging buckle on the screw (after hanging it, pull the speaker down hard to lock the hanging buckle hoist hole)





**CAUTION:** Do not open the equipment cover arbitrarily,  
so as not to electric shock. Please contact the professionals  
to maintain if necessary.