

User Manual



IP Network Horn Speaker TCI-IP560H

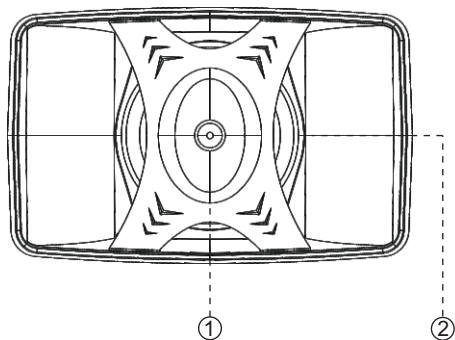
Safety Instructions

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

1. Using linux system; high-end 4-core ARM chip, stable performance and fast operation;
2. Circuit design has multiple security functions: power supply voltage monitoring, current limiting, automatic restart when the terminal crashes unexpectedly, multiple lightning protection, and anti-static damage.
3. Each device comes with QR code identity information and mobile APP (mobile phone or tablet) software to establish a connection with the network broadcast server by scanning the QR code.
4. The platform supports offline backup function, with built-in 2G EMMC memory and 256M DDR flash memory. The scheduled points are automatically downloaded to the terminal memory during the network idle period, reducing the network burden. On-demand programs are stored while playing, and the system will play according to the frequency of playback. A comprehensive algorithm is used with the last played program to ensure that there is enough space in the memory. When the network is unavailable, the scheduled program will be played normally. After being downloaded to the memory and played again, it will no longer occupy traffic;
5. Video command linkage: compatible with Hikvision and Dahua third-party cameras, and the camera content can be viewed in real time through the host software;
6. Supports the microphone TALKOVER function, which effectively solves the problem that digital signals cannot be mixed with analog signals such as microphone speech when broadcasting the system timing program;
7. Supports the fire alarm forced insertion function. When the system receives the fire signal and enters the alarm mode, the terminal is forced to broadcast the preset fire voice at the maximum volume;
8. One-line multi-purpose: Standard RJ45 interface, it can be connected to places with Ethernet ports, make full use of existing network resources, avoid repeated erection of lines, and truly realize multi-network integration of broadcasting, computers, and monitoring networks
9. Built-in network isolation and lightning protection processing circuit, supporting 15KVESD protection;
10. The power amplifier has a fade-in and fade-out function, so the music will not be suddenly loud when it starts, achieving a smooth transition effect;
11. Built-in environmental sound monitoring module for users to choose;
12. Energy-saving noise reduction processing circuit, automatically enters a dormant low-power consumption state when there is no signal input.
13. Built-in 2 x60W (MAX) dual-channel digital power amplifier, one way is connected to the main horn, and one way is externally connected to the auxiliary horn through the industrial standard crimping terminal

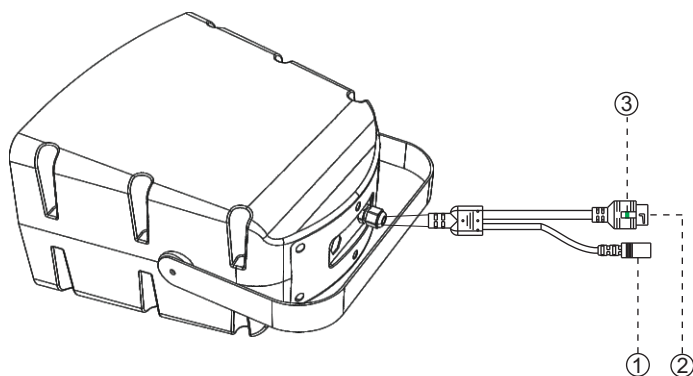
Front



① .Tweeter unit of hon speaker

② .Midrange speaker unit

Rear



① .DC Input

② .RJ45 connector

③ .Network Status Indicator

Remarks: The network status indicator light is off (network disconnected or no power supply).

The network status indicator light is constantly on (normal operation).

Technical Parameters

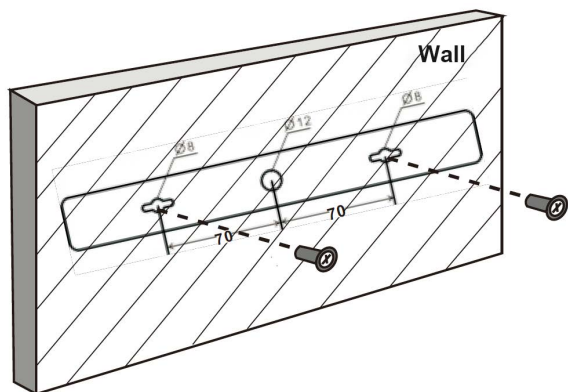
Specifications

Model	TCI-IP560H
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	POE, DC24V/3A
Dimension	270(W)*285(D)*180(H) mm
Net Weight	3.8KG
Gross Weight	4.3KG

Installation Instruction

Step 1

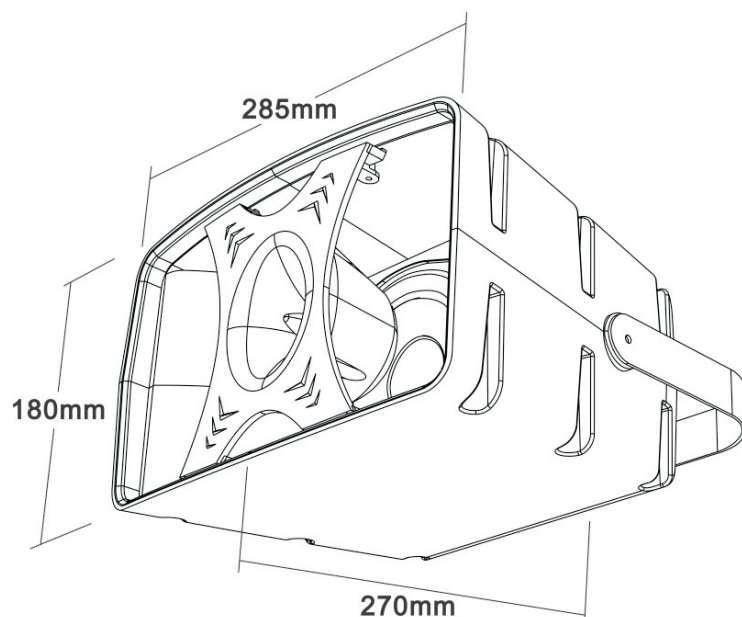
Drill a hole of $\phi 8$ on the wall, and then install an M6 glue post. Then drill two suitable installation holes for $\phi 6$ expansion plugs at 70mm intervals on both sides of this hole, and insert the $\phi 6$ expansion plugs.



Step 2

Install the speaker brackets into the three corresponding mounting holes, tighten the screws, and check the base for stability.

Dimension





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