



# IP network speaker

Embedded software: Digital IP network terminal embedded software V2.0

## T-7707G



### Description:

It is widely applied to classroom, multi-media classroom, office, conference room, prison, hospital office, metro, and other places, to broadcast background music, and to be used as local broadcast reinforcement.

### Features:

- \* Professional integration wall mounted design, sturdy structure, cabinet is conform to sound resonance principle design concept, with excellent appearance.
- \* Adopt embedded computer and DSP audio processing technology.
- \* Built-in one channel network hardware audio decoding module, it supports TCP/IP and UDP protocol to realize the network transmission of 16-bit CD-quality audio signals.
- \* Built-in 2 x 20W digital amplifier, 1 channel to connect main speaker, the other connect assistant speaker to fulfill smooth and strong sound quality, with network volume setting.
- \* With 1 AUX input, independent volume potentiometer control, support offline local paging function. Support mute volume preset and background music preset function.
- \* Support connecting with Bluetooth receiver to receive Bluetooth audio for local sound reinforcement.
- \* Built-in 2.4G wireless audio module, transmission frequency: 2.405GHz-2.485GHz, high fidelity, good anti-interference, and realize 2.4G wireless microphone for local sound reinforcement. It is the industry's highest 64K @16bit×2, with HDCD sound quality effect and the best sound quality. Sound delay <0.5ms; response frequency: 80Hz-16KHz.
- \* 2.4G microphone supports volume adjustment function.
- \* Realize encrypted transmission, the receiver supports automatic frequency sweep function to easily avoid interference.
- \* Automatically enter the pairing state when it is turned on. After the pairing is successful, there will be a prompt sound and it will automatically switch to the receiving state.
- \* Automatic pairing connection distance between the controller and microphone is ≤ 3 meters, and the pairing connection time is ≤ 3 seconds.
- \* Charging function, with charging management, support working while charging, TYPE-C socket and universal mobile phone charger.
- \* The linking distance (power) can be set by yourself.
- \* The effective use distance is less than 10 meters (related to the use environment).
- \* Built-in 2 priority settings:

1) Network voice alarm has higher priority than AUX and Network BGM.

2) AUX has higher priority than Network BGM.

\* Support local AUX and 2.4G wireless signal input after disconnection to realize local sound reinforcement technology.

\* Compatible with Router, PABX, bridge gateway, Modem, Internet, 2G, 3G, 4G, and any other network construction.

\* Digital products with easy expansion, without geographical restrictions, no need to increase management equipment on the machine room, using a common network from the design concept of line construction for easy installation.

\* It supports remote hardware update of the terminal, no need to go to upgrade at the local site, to reduce maintenance burdens.

### Specifications:

Model	T-7707G
Network Interface	Standard RJ45 input
Support Protocol	TCP/IP, UDP
Audio Format	MP3
Sampling Rate	8KHz~48KHz
Transmission Speed	100Mbps
Audio Mode	16-bit CD quality
Output Frequency	80Hz~16KHz +1/-3dB
THD	≤1%
SNR	>65dB
AUX Input Sensitivity	350mV (unbalanced) industry standard terminal block
Ambient Temperature	5°C~40°C
Ambient Humidity	20%~80% relative humidity, no condensation
Power Consumption	≤50W
Power Supply	~190V-240V 50Hz-60Hz
Dimension	180x190x280mm (L×D×H)
Weight	3.5Kg