



IP Network Speaker T-8807A

Embedded software: IP active speaker sound reinforcement software V2.01



Description

IP network speakers are suitable for ordinary classrooms, offices, prisons, hospital departments and other places. They are used to play reminder voices or background music programs. They can also be used as local broadcast amplification.

Feature

- *The speaker is designed with high-density ABS material, which has the advantages of shockproof, durability, exquisite appearance, etc.
- *It has 1-channel line (AUX) input interface, supports network volume adjustment, and supports local sound amplification function when disconnected from the network.
- *The wireless audio module can be expanded to realize local sound amplification with wireless microphone. The Bluetooth receiver can be expanded to receive Bluetooth audio for local sound amplification.
- *It has 1-channel short-circuit input interface, which supports customized alarm triggering, local media library music playback, volume adjustment and other functions.
- *The main speaker has a built-in 2×20W (MAX) dual-channel Class D digital power amplifier, and 1-channel is connected to the sub-speaker, adopting a high and low frequency division design; the sound quality is delicate and the power is strong; it has a network volume setting.
- *Built-in network audio decoding module, supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, ... and is compatible with the full sampling rate of 8kHz-48kHz.
- *Built-in DSP audio processing, supports ultra-low latency digital mixing, and 10-band EQ equalization configuration.
- *Built-in 2-level priority settings: (1) Network alarm signals take priority over AUX and network background music signals. (2) Network background music signals and local audio input can be prioritized by the user as needed.
- *Supports remote firmware upgrades and performs maintenance on terminal devices through the network, effectively reducing the workload of maintenance personnel.
- *The system adopts data redundancy encoding and decoding algorithm and supports anti-packet loss recovery function. The network packet loss is 37.5%, and the audio playback is smooth.



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Specification

Network interface	Standard RJ45 input
Transmission rate	100Mbps
Supporting agreement	TCP/IP, UDP, IGMP, ICMP
Audio format	Supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, etc.
Audio mode	16-bit CD-quality sound
Sampling rate	8kHz-48kHz
Auxiliary Line Input Level	350mV Industrial standard 3.81mm crimping terminal block
Frequency response	80Hz-16kHz (+1dB/-3dB)
Harmonic distortion	≤1%
Signal-to-Noise Ratio	≥73dB
Output power	2×20W (MAX)
Maximum sound pressure level	91dB
Sensitivity	84dB
Power consumption	30W
Short circuit input	Dry contact input industrial standard 2.54mm crimping terminal
Working environment temperature	5°C ~ 40°C
Working environment humidity	20% ~ 80% relative humidity, no condensation
Input power	DC24V 1.5A
Main box net weight	1.2kg
Net weight of auxiliary box	1kg
Dimensions (L x W x H)	164.93×67.74×296.64mm