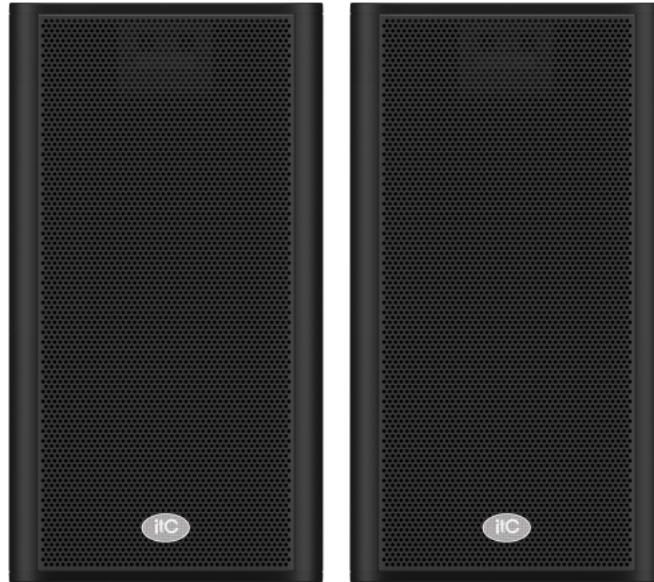




IP network speaker T-8807

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



Description

IP network speaker, suitable for ordinary classrooms, multimedia classrooms, offices, conference rooms, prisons, hospital departments, subways and other places to play recorded voice files or background music programs, and also supports 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, supports local sound reinforcement function when disconnected from the network, and supports background accompaniment preset function.
- *The wireless audio module can be expanded to realize local sound reinforcement with wireless microphone. The Bluetooth receiver can be expanded to realize local sound reinforcement by receiving Bluetooth audio.
- *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 2×30W (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 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 8kHz-48kHz full sampling rate.
- *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 signal takes priority over AUX and network background music signals. (2) Network background music signal and local audio input can be customized by the user as needed.
- *Support remote firmware upgrades and equipment maintenance via the network to reduce the workload of personnel.
- *The system uses data redundancy encoding and decoding algorithms and supports anti-packet loss recovery functions. When the network packet loss is 37.5%, the audio playback is smooth.



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Specification

Network interface	Standard RJ45 input
Transmission rate	100Mbps
Supported protocols	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-level sound quality
Sampling rate	8kHz-48kHz
Auxiliary line input level	350mV Industrial standard 3.81mm crimping terminal
Frequency response	80Hz-16kHz (+1dB/-3dB)
Harmonic distortion	≤1%
Signal-to-noise ratio	≥70dB
Output power	2×30W (MAX)
Maximum sound pressure level	99dB
Sensitivity	86dB
Total power consumption	60W
Short circuit input	Dry contact input Industrial standard 3.81mm crimping terminal
Working environment temperature	5°C~40°C
Working environment humidity	20%~80% relative humidity, no condensation
Input power	~220V 50Hz
Main box net weight	2.48kg
Sub box net weight	2.4kg
Size (L×W×H)	165×140.2×305mm