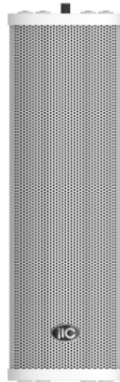# Network Column Speaker T-8882C

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

Description

Indoor network sound column, suitable for playing recorded voice files or background music programs in ordinary classrooms, multimedia classrooms, offices, conference rooms, prisons, hospital departments, subways and other places.

Feature

*Professional integrated sound column design, equipped with a personalized mounting bracket with freely adjustable angle, making it convenient to adjust the sound field on site.

*Built-in 40W (MAX) Class D digital amplifier module drives the high and low frequency division design speaker units, with strong and beautiful sound quality. Built-in 2×10W bass electro-acoustic unit and 1×20W tweeter electro-acoustic unit, the electro-acoustic unit is deployed in dumbbell style, with high-fidelity sound quality, suitable for multi-scene sound reinforcement.

*Built-in 1-channel network digital audio decoding module, supports TCP/IP, UDP, IGMP, ICMP and other communication protocols, and realizes network transmission of 16-bit CD-level audio signals.

*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.

*Supports remote firmware upgrades and equipment maintenance via the network to reduce staff workload.

*Built-in network port surge protection can effectively prevent interference such as surge and radiation from damaging the device.

*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.

Specification

Network interface	Standard RJ45×1 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-quality sound
Sampling rate	8kHz-48kHz
Frequency response	80Hz-16kHz (+1dB/-3dB)
Total harmonic distortion	≤1%
Signal-to-Noise Ratio	≥68dB
Output power	40W (MAX)
Maximum sound pressure level	97dB
Sensitivity	88dB
Power consumption	48W
Operating temperature	5℃～40℃
Working humidity	20%～80% relative humidity, no condensation
Input power	DC24V/2A power adapter
Net weight	1.7kg
Dimensions (L x W x H)	97.7×93.8×314mm