Network speaker

T-8882POEH

Description

PoE-powered network speaker columns are used in outdoor smart light pole scenarios, and are also suitable for program playback and broadcast amplification in outdoor places such as schools, parks, squares, streets, and tourist attractions.

Features

*Featuring a professional, integrated speaker column design, it comes with a customizable, adjustable mounting bracket, facilitating on-site sound field adjustments for projects.

*It features excellent enclosure sealing performance and a fast-conducting, all-copper nickel-plated grounding post. It meets the requirements for use and safety protection in harsh outdoor environments .

*It is compatible with PoE (IEEE 802.3at) power supply, requiring only one network cable to connect to the PoE switch, making installation simple and convenient. The connection distance is 80 meters (CAT5e).

*It features a built-in digital power amplifier module, delivering delicate sound quality and powerful output.

*It has a built-in 1-channel network digital audio decoding module that supports communication protocols such as TCP/IP, UDP, IGMP, and ICMP, enabling network transmission of 16-bit CD-quality audio signals.

*It has a built-in network audio decoding function, supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, and OPUS, and is compatible with a full sampling rate of 8kHz-48kHz. It supports playback of audio with sampling rates of 8kHz, 16kHz, 32kHz, 44.1kHz, and 48kHz.

*It supports unified server authorization operation management functions, unified configuration management user and password functions; and supports 100 levels of custom audio priority silent control functions.

*Built-in DSP audio processing supports ultra-low latency digital mixing and 10-band EQ equalization.

*It supports remote firmware upgrades and network-based device maintenance, reducing the workload of personnel.

*Built-in network port surge protection effectively prevents damage to equipment from surges, radiation, and other interference.

*The system adopts a data redundancy encoding and decoding algorithm and supports packet loss recovery function. After the packet loss recovery function is enabled, audio playback is smooth even when the network packet loss is 37.5%.

*Supports playback system acquisition and playback tasks. Within a local area network, the latency at the playback end is <5ms (comparison between the audio source output end and the terminal audio playback end).

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Specification

Network interface	Standard RJ45 input
Transmission rate	100Mbps
Output power	20W (MAX)
Power amplifier frequency response	130Hz ~ 16kHz (+1dB/-3dB)
Total harmonic distortion	≤1%
Signal-to-noise ratio	≥80dB
Maximum sound pressure level	98dB
Operating ambient temperature	-25 ℃ ~ 60 ℃
Working environment humidity	20 %–80% relative humidity, no condensation
Overall power consumption	25W
Net weight	1.5kg
Dimensions (W×D×H)	97.7 × 93.9 × 31.2 mm