Ceilling Surveillance Microphone Monitor

Model: KNCMICM01

Overview

The ceilling surveillance microphone monitor is based on the IP network pickup system architecture and adopts advanced audio processing technology to provide strong support for IP network audio monitoring. At the same time, it focuses on providing users with high-definition audio monitoring in various application scenarios with its own digital signal processing technology as the core. It conducts comprehensive optimization design on the entire audio chain from acoustic structure, analog circuit and digital processing, effectively overcoming the shortcomings of poor sound quality, serious noise interference, voice distortion and difficulty in applying to complex acoustic environments of general pickups, significantly improving the restoration degree and voice clarity of pickups, and objectively and effectively restoring the monitoring scene audio.

It is widely used in public security, justice, finance, transportation, education, scenic spots, safe cities and Xueliang projects. It can not only meet the near-field and far-field pickup indoors and outdoors, but also adapt to the pickup needs of different acoustic environments such as quiet and noisy. Especially in large hall environments (such as banks and government halls), environmental noise and continuous echoes formed by acoustic reflections will cause a significant decrease in voice recognition. The technical team adopts targeted design to effectively solve the acoustic problems in the actual environment and provide a relatively high-quality and reliable audio monitoring experience.
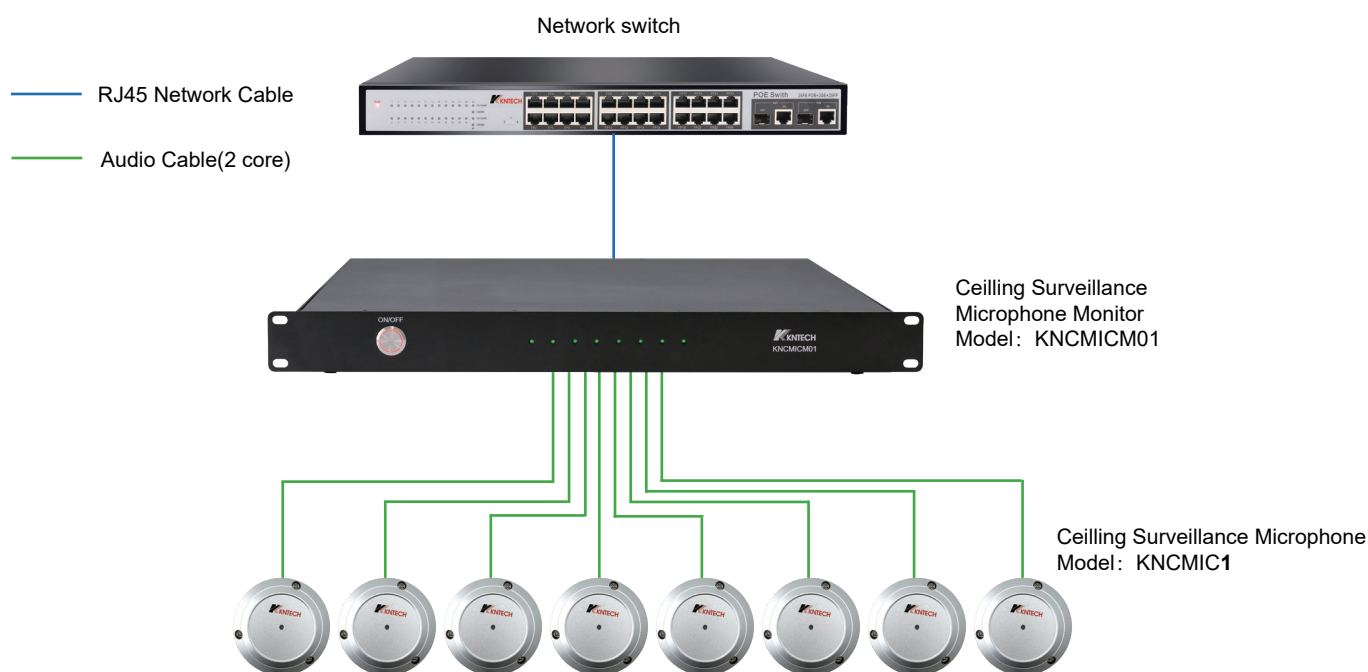
Main features of the system

☐ Web-based configuration for easy management and maintenance

☐ Professional acoustic structure design and surface treatment to weaken the impact of noise, echo, etc. on sound quality in complex environments, and improve the pickup performance from a physical level;

☐ High-performance noise elimination algorithm can eliminate continuous noise and sudden noise in the suppression environment, and automatically adjust the suppression intensity according to the actual noise environment;

☐ The core echo elimination algorithm can effectively suppress the echo in the empty room and avoid the impact of room reflection on voice intelligibility and clarity;

☐ The use of automatic gain adjustment, voice enhancement and other algorithms can adapt to the dynamic changes in the distance of the monitored sound source, the uncertainty of the sound pressure level and other factors, to ensure stable and clear voice;

☐ The parameters and functions of the front-end pickup can be set and adjusted through the self-developed sound wave configuration tool, without touching or disassembling the pickup, and the maintenance and deb-ugging efficiency is doubled;

☐ The use of industrial standard terminals can quickly complete the connection and disassembly of the equipment, which is safe and reliable, and greatly improves the efficiency and safety of installation and maintenance;

☐ Platform-based centralized management can monitor the status of all connected pickups, provide fault alarms, software upg-rades, and adjust related parameters, and perform intelligent functions such as behavior analysis, early warning, and search for audio data;

Specitfication

Parameter	Description
Product Name	Ceilling Surveillance Microphone Monitor
Model	KNCMICM01
Input Channel	8 Channel Celling Surviellance Microphone Channel
Output Connection	RJ45 CAT5
Input Connection	Pair Cable (22-24 AWG)
Power supply	AC110V~240V
Mounting Size	Standard 1U rack mounting
Unit Size	521X440X45mm

PAGA System Architects

Network switch

—— RJ45 Network Cable

—— Audio Cable(2 core)

Ceilling Surveillance Microphone Monitor
Model：KNCMICM01

Ceilling Surveillance Microphone
Model：KNCMIC1

Dimensions

Unit: mm

45

482   521

440