

SPON

Innovate
For **Security.**

Simple, Intelligent, Professional

MOSQUE Sound System

/// Solution Study ///

Solution Benefit

SPON has designed an audio system specifically for small and medium-sized mosques, simplifying the traditional audio system architecture. By integrating DSP, a mixer, EQ, and a power amplifier into a single device, it addresses common issues such as poor sound quality, echoes, bulky equipment, and complicated operation.



Efficient Management

With the Remote Control Panel, users can seamlessly switch between indoor and outdoor modes for prayer calling and announcements.



Energy-Saving Design

Uses modern energy-saving technology and a smart "sleep mode" to reduce electricity consumption.



Stable Audio Performance

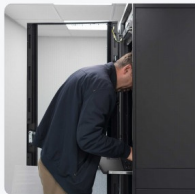
With the built-in DSP and preset EQ, it provides a more stable and clearer audio output, tailored to suit different scene styles



Simple System Management

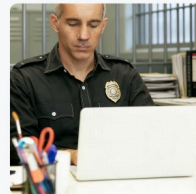
Simplifies the complexity of traditional systems, offering an easy-to-operate and manage audio solution for Mosque.

Pain Points



Operational Complexity

Traditional sound systems often feature too many knobs and buttons, requiring professional personnel for operation. Misoperations can easily lead to feedback, noise, and other issues that affect the prayer experience.



Lack of On-Site Control for the Imam

In traditional systems, all equipment is centralized in a control room, preventing the Imam from making on-site adjustments, such as adjusting the volume or turning off the minaret speakers.



High Power Consumption

Traditional sound systems often remain powered on throughout the day, even when not in use, leading to significant energy waste. These systems typically consist of multiple separate components that require continuous operation, resulting in unnecessary electricity consumption.

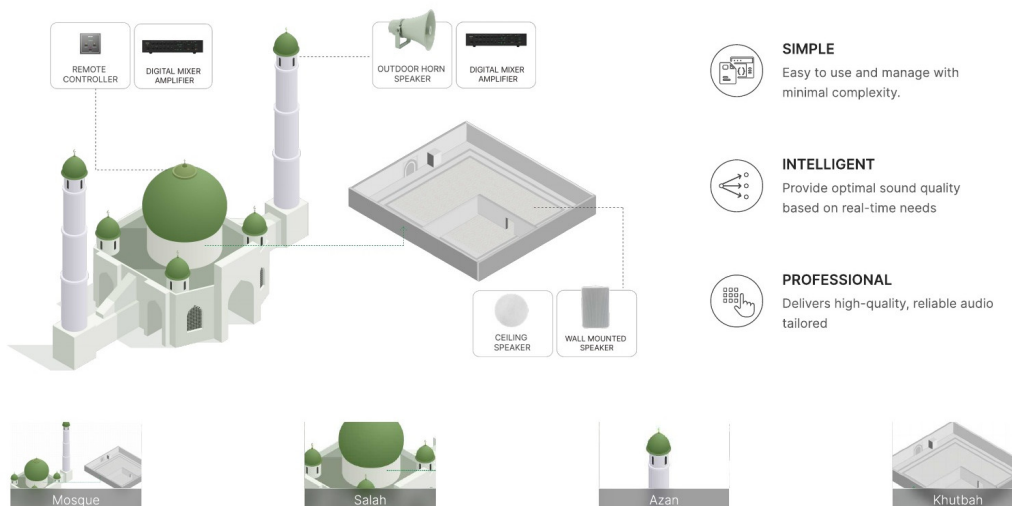


Inconsistent Audio Quality

Due to multiple interconnected devices, traditional sound systems are prone to audio distortion, echoes, and other issues that lead to inconsistent sound quality.

Solution Overview

The SPON mosque sound system simplifies the architecture of traditional systems with integrated design. It integrates a 6-channel microphone preamplifier, mixing console, DSP effects processor, and high-power amplifier, providing more efficient and clear audio performance.





Salah (Prayers)

- ☒ Clear Sound Delivery
- ☒ Stable Sound Quality

During every prayer, the sound system ensures the Imam's voice is clearly transmitted. Whether the worshippers are at any corner of the mosque, the audio system provides stable sound quality, ensuring that worshippers can hear clearly.

 GEN-5101P50
Digital Mixer Amplifier

 NAC-5071A
Remote Controller



Azan (Call To Prayer)

- ☒ Independent Zone Control
- ☒ Precise Volume Adjustment

During each Adhan, the minaret speakers can be independently controlled to broadcast the clear sound of the Adhan outdoors. The SPON sound system's independent zone control function ensures the Adhan is accurately transmitted.

 GEN-5101P50
Digital Mixer Amplifier

 NAC-2517
Outdoor Horn Speaker



Khutbah (Sermon)

- ☒ Customized Sound Effects
- ☒ Optimized Sound Performance

The SPON sound system ensures the Imam's voice is clearly transmitted, creating an atmosphere suitable for the sermon. The system's DSP effects processor optimizes sound quality based on the mosque's acoustic environment.

 NAC-182
Ceiling Speaker

 NAC-2305
Wall Mounted Speaker



SPON TECHNOLOGY

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