



Classroom Sound Reinforcement Solution



Product Showcase

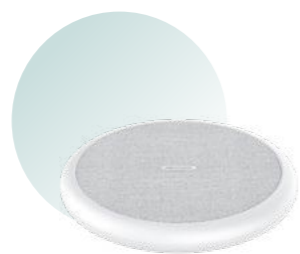


◀ 128 Mic Array Microphone

- 10 m diameter sound pickup for remote meetings, 6 m diameter sound pickup for sound reinforcement
- 8 pickup zones with 8-mic cascading capability
- Support AES67 and analog transmission
- Built-in AI algorithms

32 Mic Array Microphone ▶

- Smart noise reduction minimizes environmental distractions
- Capture sound clearly within a 10-m radius
- Powered via PoE



◀ Network Audio Processor

- 3A algorithm (AEC/AGC/ANC)
- 24-channel AES67 network audio inputs and 8-channel network audio outputs
- Support microphones, mobile phones, PCs, and USB audio sources
- PoE-powered
- Small size, easy installation

Network PoE Ceiling Speaker ▶

- 6.5-inch woofer and 1.2-inch tweeter coaxial speaker
- PoE af/at/bt adaptive
- Multichannel mixing processing
- Available in black and white



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Classroom Sound Reinforcement Solution

Every voice heard, every lesson learned

HIKVISION

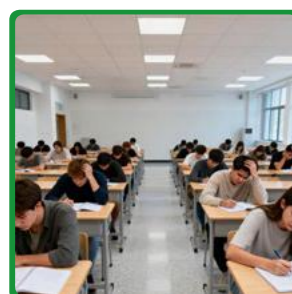


Hikvision Classroom Audio Amplification Solution

Built around premium audio technology, Hikvision's Classroom Audio Amplification Solution delivers clear, consistent sound throughout the learning environment. Teachers no longer need to strain their voices or constantly hold microphones, significantly reducing physical stress and teaching burden.

The solution seamlessly integrates with existing classroom systems and adapts to various teaching scenarios, ensuring every student hears clearly—no matter where they sit.

CHALLENGES IN CONVENTIONAL CLASSROOM TEACHING



Uneven sound distribution

Teachers' natural voices can't reach all areas of the classroom equally, leaving some students struggling to hear.



Vocal strain

Handheld/Fixed mic constraints - Handheld mics cause hand and arm fatigue over time, while fixed desktop mics tie teachers to one spot, limiting movement and engagement.



Poor audio clarity

Unclear sound from lectures and course materials distracts students and reduces learning effectiveness.

SOLUTION FOR STANDARD CLASSROOMS (up to 100m²)

Designed for everyday teaching environments, this solution delivers clear, reliable audio for both teacher instruction and multimedia courseware playback. Its consistent sound quality supports the complete teaching experience, ensuring students remain engaged from the first word to the last.



Adjustable Sound Pickup Coverage

90°/120°/150°



Simple Installation

Ceiling-mounted design
No suspended ceiling infrastructure required

Flexible power options
Supports POE power supply



Clear Sound Quality

AI-enhanced processing
Built-in algorithms suppress echo and reduce background noise

High-quality teaching recording
Capture teaching content with clarity for archiving and future use



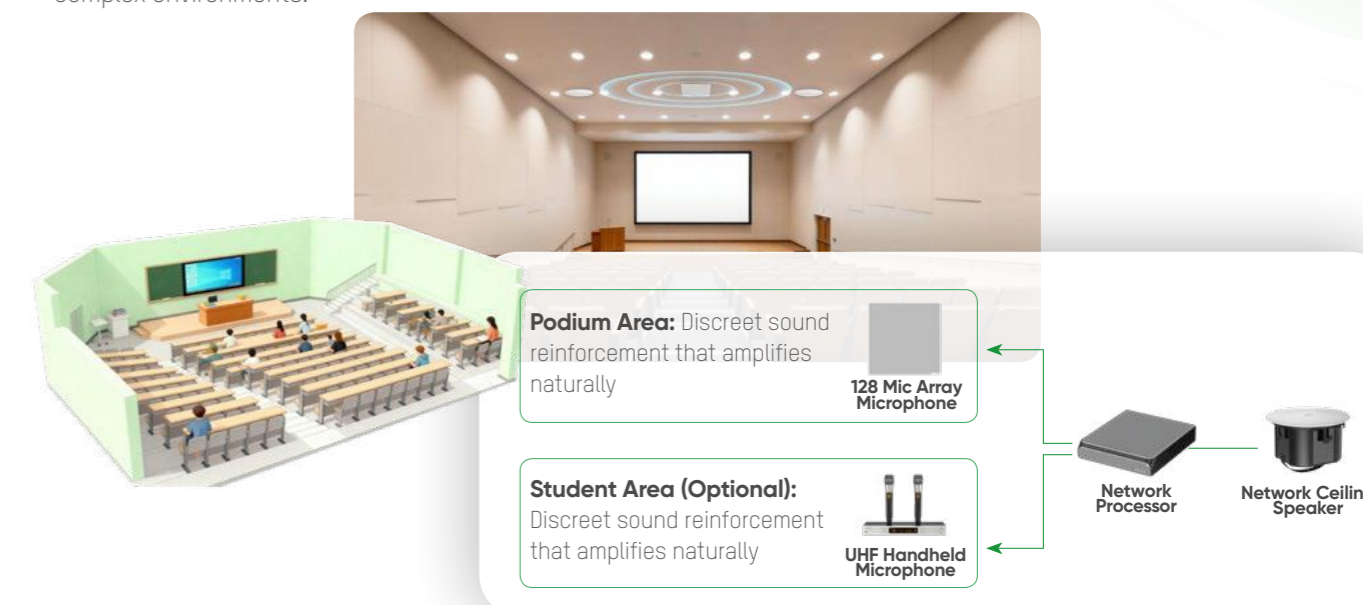
Array Microphone



Education Sharing Device (Optional)

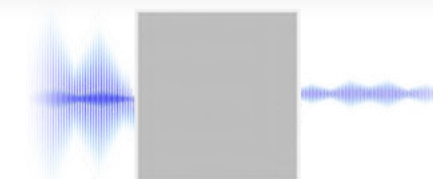
SOLUTION FOR LECTURE HALLS (100-200m²)

Larger spaces present acoustic challenges—echoes, reverberation, and uneven sound distribution can compromise audio quality. This solution tackles these issues with advanced microphones and AI-powered audio processors that intelligently suppress interference and minimize echo. Therefore, the solution delivers crystal-clear sound that reaches every corner of the room, maintaining teaching effectiveness even in acoustically complex environments.



Intelligent Noise Reduction

Built-in AI algorithms reduce ambient sound interference



Host Mode

The microphone supports 8 customizable pickup zones with 1 designated priority zone



Expandable Coverage

For podiums wider than 6 meters, it's recommended to cascade two array microphones for seamless coverage. The audio processor balances the system to prevent feedback



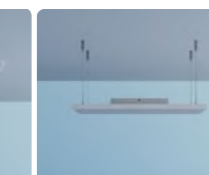
Flexible Deployment



Visualized Management



Ceiling mounting



Rope mounting



Boom mounting