



Soundfield Voice Reinforcement Systems

2571/200-203

Features:

- Unparalleled even sound coverage
- Fewer loudspeakers required
- Reduced loudspeaker theft or vandalism
- Reduced microphone feedback ("microphone howl")
- Cost-effective, multiple room systems without signal crossover
- Secure signal for privacy rooms

What is Soundfield?

"Soundfield" or a "Soundfield Voice Reinforcement System" is essentially the integration of a mini-PA system in the classroom.

Under quiet classroom conditions, most teachers have enough natural volume in their voice to communicate effectively with a standard sized class. However, a number of acoustic factors (lively/noisy classes, reverberant room conditions, ambient noise from equipment and outside, hearing difficulties, etc.) can have a significant affect on clear, effective teacher/pupil communication.

The inclusion of a Soundfield System in the classroom will raise the teacher's voice above this ambient noise level, to give even voice coverage throughout the room and without the need to shout or raise ones voice.

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DATA SHEET

Benefits to Teachers

- Reduces the risk of vocal problems
- Less repetition, saving on class time
- Less discriminatory inclusion of SEN students into the mainstream classes
- Option for remote visual inputs - plug in of additional laptops, CD/MP3 players, DVDs etc.

To pupils

- Improved
 - task behaviour
 - attentiveness
 - understanding of instructions
 - attendance
 - measures of verbal recognition
 - understanding by second language students
- Ability to connect to an induction loop system for hearing impaired students

Soundfield Voice Reinforcement - whole Class System Specification

i-ceilings Sound Reinforcement Systems provide flexibility for all types and sizes of classroom and learning environments, to enhance both the teacher's voice and other audio signals.

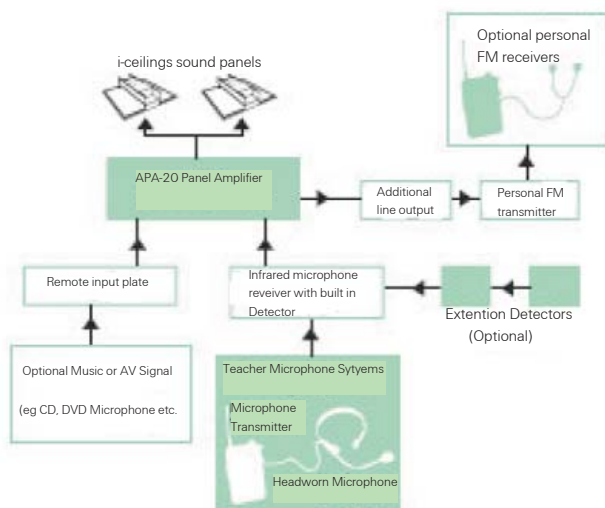
Simple control via the input Control Plate allows adjustment of main volume control and the ability to plug in external audio sources such as CD, DVD, minidisk or PC for playback of music, presentations, movies etc. (further input/control plates are also available).

i-ceilings Soundfield Systems also feature infrared wireless microphones, allowing the teacher to roam freely around the classroom without the impediment of trailing wires or cables. Unlike similar radio based systems, our infrared system does not require a license and will not radiate the signal to adjoining classroom areas (allowing for simple, cost effectiveness multi-room systems and ensuring secure voice signals where required).

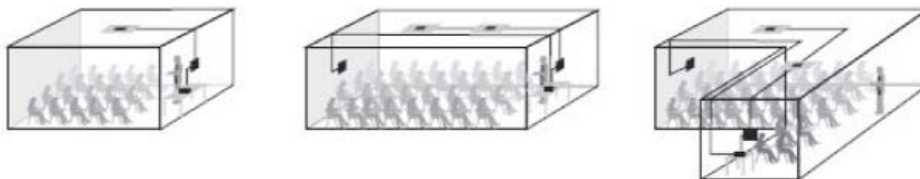
Typical i-ceilings Soundfield Classroom System features

- i-ceilings Sound Panel (1 panel for classrooms up to 60m²/2 panels for classrooms up to 120m²)
- CS-1000 Panels are ideal for voice and low level music
- use i-ceiling Pro Panels for high level music and multimedia applications
- APA-20 Panel Amplifier
- Volume/Input Control Plate
- Infrared Wireless Microphone Receiver
- Infrared Wireless Microphone Transmitter (handheld, headset or lapel options available)
- Infrared Extension Receiver (only required in large or difficult spaces)
- Batteries and charging unit

This system meets and can easily exceed the requirements of Building Bulletin "93, Appendix 8.



Typical Classroom layouts



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