



Roger™ Dynamic SoundField

Plug in, turn on and teach



PHONAK
life is on

Why soundfield matters

Hearing well in a classroom setting is important for students to truly excel and have the best learning experience. Modern classrooms can make hearing challenging for children due to factors such as background noise, less than optimal room acoustics and the distance between teacher and students. In order to overcome these everyday difficulties, soundfield classroom amplification is essential. For children with Auditory Processing Disorder (APD), Attention Deficit

Hyperactivity Disorder (ADHD), and even for children learning in their non-native language, having a system which amplifies sound via a loudspeaker has been proven to enhance their listening and learning skills.¹ This approach also means teachers don't need to raise their voices to be heard, therefore reducing vocal strain, hoarseness and in cases of temporary voice loss, even time off work.

1. The MARRS Project: Mainstream Amplification Resource Room Study – <http://www.classroomhearing.org/research/marrsStudy.html>

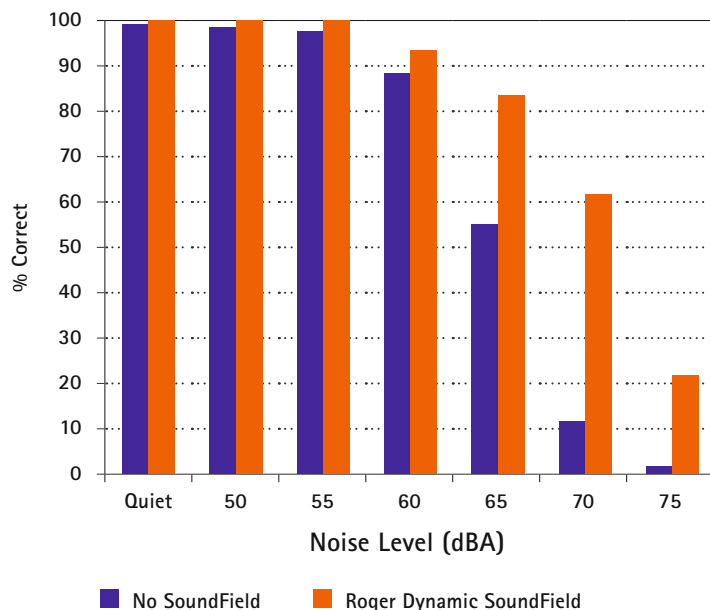


Roger Dynamic SoundField

Unrivalled performance for any classroom

Maximum performance

With the best ever speech-in-noise performance and documented improvements for normal hearing children of up to 28% at 65 dBA of noise and 50% at 70 dBA over no soundfield, Roger Dynamic SoundField is a class above the rest.²



Average speech recognition scores across noise conditions for normal hearing children with no soundfield compared to with Roger Dynamic SoundField system.

Zero hassle

Roger Dynamic SoundField transmits sound digitally, automatically alternating frequencies in order to eliminate potential interference with existing Wi-Fi or Bluetooth networks. The system continuously measures the room's noise level and automatically optimizes its own configuration, ensuring speech remains loud and clear. Plug in, turn on and teach.

Full compatibility

The Roger Dynamic SoundField is the only digital classroom solution designed to be used simultaneously with multiple microphones and personal Roger receivers without compromising performance for any child in the classroom.

2. Dr Wolfe, Jace et al., (2013). Evaluation of Speech Recognition with Personal FM and Classroom Audio Distribution Systems. Journal of Educational Audiology vol. 19.

A solution for every student

Roger Touchscreen Mic

Roger Touchscreen Mic features a new, simple and intuitive interface for use in the classroom and allows both the teacher and students to easily know the microphone is working. Roger Touchscreen is capable of transmitting simultaneously to Roger receiver wearers and soundfield listeners.



Roger inspiro SoundField

This wireless microphone, designed for teachers is an ideal choice when transmitting to only soundfields in a classroom.



Roger Pass-around

The Roger Pass-around microphone is designed to enhance classroom discussions so that not only teachers, but all students are heard clearly. With an appealing design it is the optimal size for kids and teens to hold and fully control.



Roger Multimedia Hub

This versatile transmitter used in a Roger network features audio mixing which allows a teacher's voice to be heard simultaneously with an audio signal.



Roger DigiMaster X

For classrooms with other soundfield installations, Roger DigiMaster X is also available to ensure every listener can enjoy Roger-quality speech understanding. Class recording is also available.



The right speaker for every room

For regular-sized classrooms

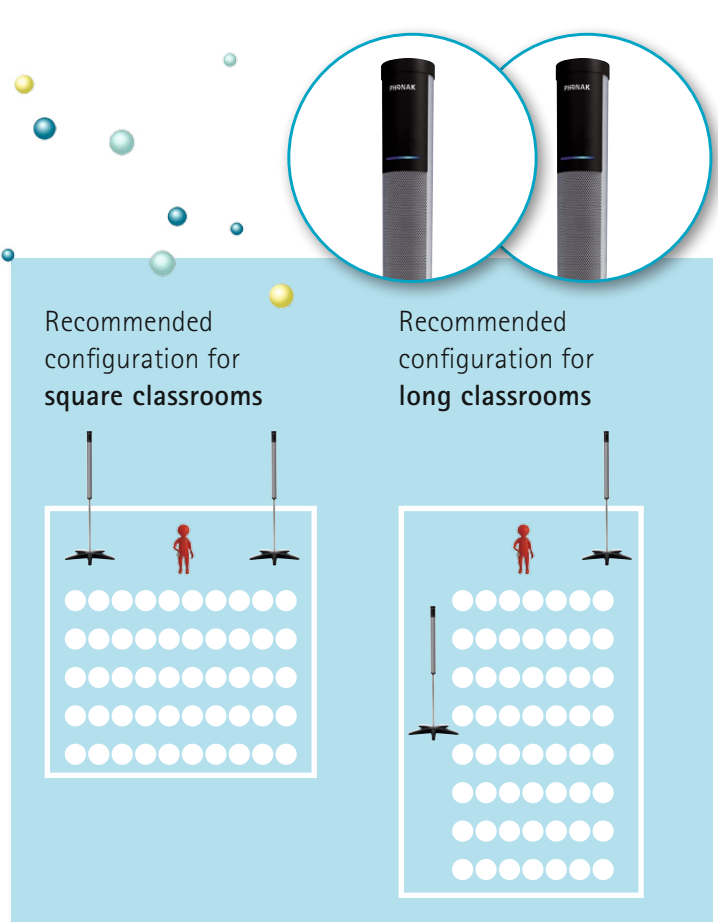
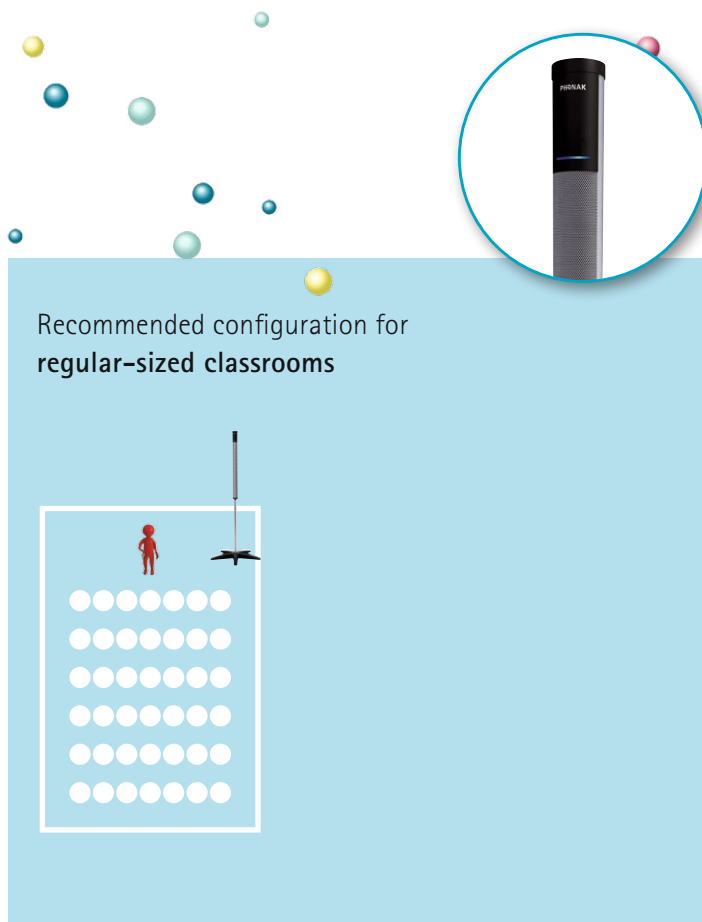
Loudspeakers	1 Roger DigiMaster 5000
Microphones	minimum 1 Roger Touchscreen Mic (up to 34 additional Roger microphones including: Roger Touchscreen Mic, Roger Pass-around)
Room size	100 m ² (1,076 ft ²) and more

Roger DigiMaster 5000 system from Phonak fits the bill perfectly. Featuring one portable Roger DigiMaster loudspeaker (available with floor stand or wall mount) and a Roger Touchscreen Mic, this system offers the ultimate in instant sound performance.

For larger classrooms, lecture halls and auditoriums

Loudspeakers	2 Roger DigiMaster 7000
Microphones	minimum 1 Roger Touchscreen Mic (up to 34 additional Roger microphones including: Roger Touchscreen Mic, Roger Pass-around)
Room size	300 m ² (3,230 ft ²) and more

Roger DigiMaster 7000 from Phonak is the Roger Dynamic SoundField system of choice. Its two loudspeakers can distribute sound over more than double the area of one Roger DigiMaster 5000. Roger DigiMaster 7000 loudspeakers can also be wall mounted or supplied with floor stands.



Connectivity in the classroom

Additional multimedia devices, such as TVs, MP3 players, laptops and tablets, can be simply connected to the Roger Multimedia Hub which wirelessly transmits to the Roger DigiMaster loudspeaker(s).





Roger Dynamic SoundField delivers exceptional sound quality. It has the capability to produce crystal clear voices throughout a room, while maintaining a static-free environment. With its easy-to-use range of microphones and user-friendly interface, Roger Dynamic SoundField is the optimal solution for establishing a quality network to suit all classroom activities.

"The performance of Roger Dynamic SoundField is phenomenal. It has the capability of delivering crystal clear voices throughout the room, great battery life, and a static-free environment. Its setup process is also very easy; just a few presses of the buttons and you're ready to go. What more could a teacher want from a soundfield system?"

Chris Abston, Assistive Technology Technician,
Redford Union Schools, Redford, MI, USA



Life is on

We are sensitive to the needs of everyone who depends on our knowledge, ideas and care. And by creatively challenging the limits of technology, we develop innovations that help people hear, understand and experience more of life's rich soundscapes.

**Interact freely. Communicate with confidence.
Live without limit. Life is on.**

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