

# EduTech Service



**Chime**

The National Charity for  
Deafness and Hearing Loss

# Mission and Vision

## OUR VISION

A society with no limits or barriers for anyone living with Deafness or Hearing Loss.

## OUR MISSION

Our mission is to empower people through advocacy, technology, community support and specialist services, all delivered with a deeply caring and personal approach that puts our clients at the heart of everything we do.

# Our Values

At Chime, we are determined to work with our values in mind. We want to create a service and support network that is inclusive and empowering, has a positive impact, shows integrity and is collaborative.



### AIM HIGH AND THINK BIG

We respect diversity and recognise the worth and dignity of every person.



### DO THE RIGHT THING

Our person-centred approach is open, honest, ethical and fair and we are proud of what we do.



### TOGETHER IS BETTER

Teamwork is important to us. We strive to build meaningful relationships and to create more accessible services and supportive communities.



### MAKE A DIFFERENCE

We work together with dedication, empathy, creativity and passion to meet the needs of our clients.

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# Chime & EduTech Service

Chime is the national charity for deafness and hearing loss. While we understand that classrooms are noisy, busy and lively places, and we know that discussions, debates and interactions between teachers and students are a key part of everyday learning, we also understand that this background noise can mean that children with hearing loss become isolated. Our ambition is to support Deaf and Hard of Hearing children to reach their full potential, by breaking down such barriers in the classroom.

Chime agrees with the NCSE that Deaf and Hard of Hearing children should be able to learn and achieve on a par with their hearing peers. And for the last ten years, our assistive technology has played a crucial role in supporting children to realise that goal.

With our extensive experience, we can ensure students with hearing loss have access to the best available assistive technology in the classroom using both Personal Communication Systems and Soundfield Systems.

And furthermore, Chime is a not-for-profit charitable organisation, this means that any revenue from EduTech products purchased go on to support Chime's other care and specialist services to help other Deaf & Hard of Hearing people in their everyday lives.

## **FREE TRIAL**

At Chime we want to ensure the highest level of service for both teachers and students, that's why we offer a 10 day trial of the equipment, with no obligation to purchase. That way the students and the educational provider can make sure they are getting the best and most suitable product for them.

# EduTech Overview

- We work closely with the Department of Education and Skills, the Visiting Teacher Service and the HSE to ensure delivery of assistive technology to students with hearing loss across Ireland.
- We provide and install assistive technology in the education environment in the form of Soundfield Systems.
- Our systems (Phonak and Front Row Juno) include integrated receivers for hearing aids/ Cochlear Implants and BAHA's, and other assistive technologies.
- We offer an install promise of 3 days for all EduTech systems.
- Chime offer a repair, refit and maintenance service on all technology sold. Our efficient turnaround times for repairs are second-to-none and we also offer a replacement loan device should it be required. Full email and phone support is available.
- We offer a drop-in service (Cabra office) for free demonstrations and repairs.
- Our systems are useful in other community settings such as nursing homes or community centres.

## **BENEFITS OF EDUTECH**

- It is designed to improve the signal to noise ratio, or in other words, to improve the quality of the teacher's voice over and above that of the surrounding background noise.
- The use of technology in the classroom also reduces vocal strain for teachers, thus reducing illness-related leave associated with vocal strain.
- Aids class instruction and management.
- One easy-to-use system suited to normal hearing and hearing-impaired students.
- Reduced background noise improves the environment and ability to learn.

# The EduTech Range

We provide a broad range of specialist technology services across Ireland for schools, colleges, universities and education providers.

With over 10 years experience of working with the leading technology brands in the sector we aim to ensure students with hearing loss have access to the best available assistive technology in the classroom, including Personal Communication Systems and Soundfield Systems.

## Phonak Soundfield System



The Digimaster Soundfield System – the full bundle consists of the speaker (wall mounted preferably), touchscreen microphone, pass-around microphone and charging cradle.

Additional touchscreens and pass-around microphones can be added to a bundle if required and all items in our technology ranges can also be purchased individually.

There are additional devices that can also be added to the bundle such as the Multimedia Hub. The hub can be connected to any multimedia device used in the classroom ranging from smartboards and TV's to computer and videos.

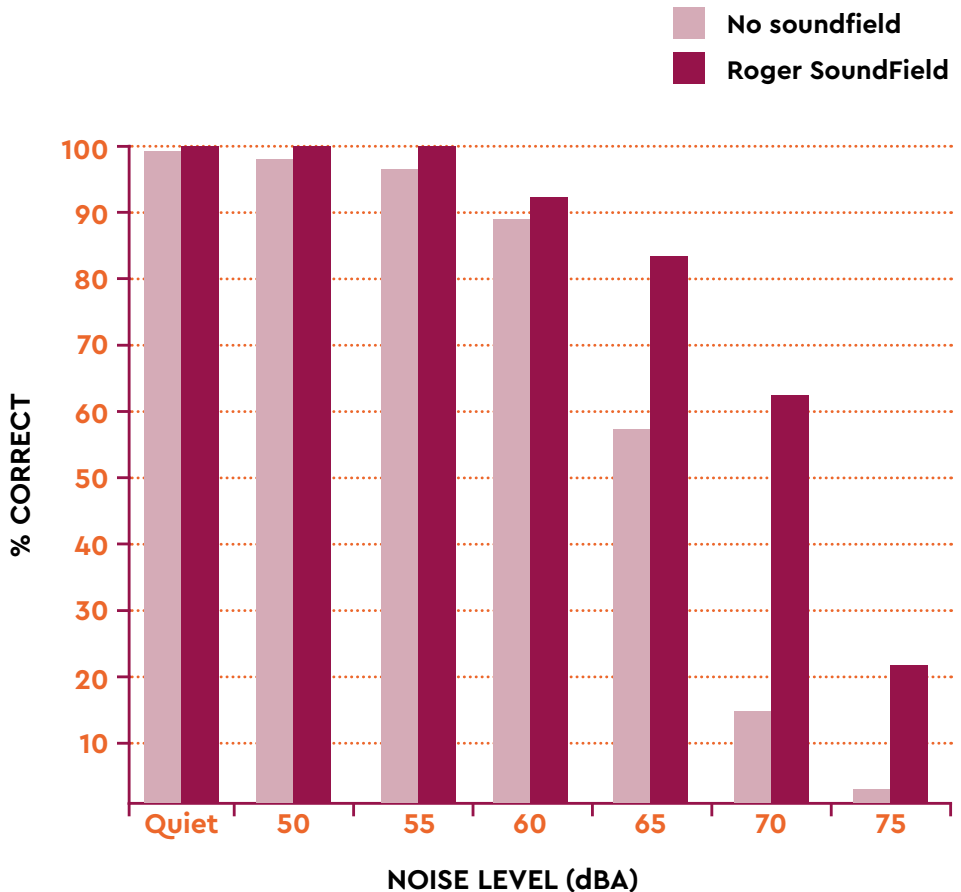
### **EASY TO USE**

Phonak systems transmit sound digitally and automatically alternate frequencies to eliminate potential interference with existing Wi-Fi or Bluetooth networks. They continuously estimate the surrounding noise and automatically optimises the volume, ensuring that speech remains loud and clear. What's more, it's simple to set up – just plug in, turn on and let learning begin.

## EXCELLENT PERFORMANCE

With significant speech-in-noise improvements for normal hearing children of up to 28% at 65 dBA of noise and 50% at 70 dBA over no soundfield, Roger SoundField is excellent.

The soundfield system is so effective that it even improves the average speech recognition scores. Even when tested across a range of noise conditions comparing children with and without the Roger SoundField system.



# The Roger Select



The Roger Select microphone improves speech understanding by utilising multiple microphones in six directions. This is what makes it so unique, its innovative *MultiBeam Technology* allows students to hear regardless of where a voice is coming from. This 360° technology improves understanding of group conversations with background noise up to 61% better than with hearing aids alone.

The Roger Select typically works within a range of up to 10 meters / 33 feet to your hearing aids, making it ideal for the school/college environment.

## THE ROGER SELECT CAN BE USED EITHER BY;

- Placing it in the center of a table, where it automatically selects the person who is talking and seamlessly switches from one talker to another
- or
- Hanging it around the speaker's neck.

## BLUETOOTH

The Roger Select is Bluetooth enabled, which means that the devices can be used to listen to the TV or other audio devices such as music players, tablets or computers.





# The Roger On



The Roger On is a state-of-the-art wireless microphone by Phonak. It incorporates *MultiBeam 2.0 Technology* to offer excellent speech understanding in noisy environments, using the ability to distinguish the direction of incoming speech it automatically selects the person who is talking to you in order to support conversations.

It is ideal for situations where background noise is present such as school classrooms. It is used in conjunction with suitable Roger receivers, such as Roger X, ear-level (integrated Receivers) or a Roger Neckloop receiver – purchased separately.

The Roger On is a sleek and modern Roger transmitter and is very easy to set up and use. The built-in display tells you which microphone mode the Roger On is working in, if it is muted or locked and the battery life.

The Roger On is ideal for older children or teenagers and can be used alongside other Roger transmitters in a network.



# The Juno Soundfield System



The Juno Soundfield System includes a speaker (Wall mounted preferably), a teacher's microphone, a pass-around microphone and a charging cradle.

This intelligent technology system means that the arc of sound spreads more evenly across the room, reduces unwanted echo, and sounds up to 25% greater in volume over distance than conventional or flat-panel speakers.

It can be used to allow students to hear their teacher clearly, whether in class or learning remotely.



# Don't Just Take Our Word For It



**Lisa, has a daughter (aged 8) with cochlear implants, who is in primary school.**

"Lexi has used the FM System since pre-school and into main stream school. It's brilliant because in school Lexi is in a class of 33 children, so it's a lot. But the teacher just turns it on in the morning, it's so simple. Then Lexi can hear everything she says. Lexi can do anything now."



**Alyson, has a daughter (aged 5) in pre-school.**

"From when she started pre-school, between her visiting teacher and Chime, we got a system in place. The teacher wears a microphone around her neck and it goes directly to Nicole's hearing aids. That means that all the background noise is alleviated and she can hear clearly and that really helps with her speech and understanding."

# Contact Us

For more information on our EduTech or other Chime services, please contact us today.

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