

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.

www.phonak-us.com/kids



Guide for Roger™ solutions to keep kids and teens connected

Bridging the understanding gap

A world of endless possibilities

Children have energetic and active lives. Their world is constantly shaped by interaction with their environment. As such, it is important that they feel connected to it.

Modern hearing aids do a great job of helping children and teens with hearing loss connect to their environment by enabling them to hear and interact with friends and family. But when in a noisy environment, on the phone or watching TV, following what is being said can be challenging and at times, frustrating.

This is where the Roger portfolio excels.



Crawl, walk and run with Roger

How does it work?

Roger systems feature discreet wireless microphones worn by the person speaking and tiny Roger receivers that can simply click onto the listener's hearing aids, cochlear implants or bone anchored hearing devices. The result? You hear the talker's words clearly and directly in your ears, filtering distracting background noise even from a distance.

Roger is ideal for use:

- At home during family conversations and parties
- Exploring out and about
- Socializing with friends
- While watching TV
- Listening to music
- Talking on the telephone
- Conversations at school
- Playing sports

Roger can be used anywhere...

Whether at home, school or out socializing with friends, Roger provides kids and teens access to quality sound in even the most challenging scenarios.



Roger connects with loved ones



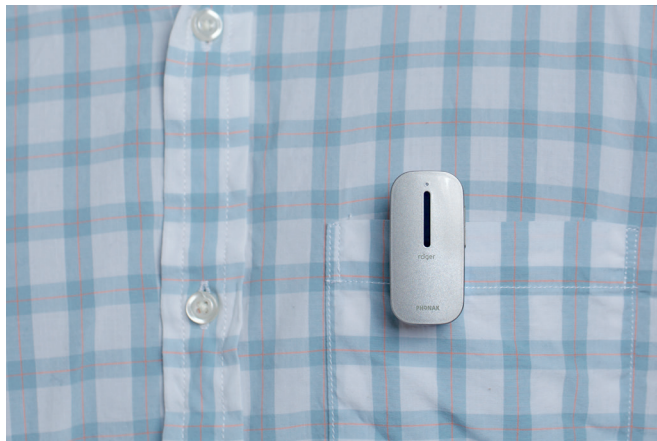
Our families are our first point of contact. These intimate connections are for life and enable a child to develop an understanding of the importance of these bonds. Children need to be able to hear speech which will enable them to develop speech and language to communicate effectively. This is crucial for a child's security, harmony and well-being.

At home

A home can be a demanding listening environment for a child with hearing loss. Listening **across a room** can be difficult, especially with **background noises** e.g. TV, kitchen and laundry appliances running.

Mealtimes can pose a real challenge. Keeping up with dynamic conversation is made especially hard due to the complex mix of chatter, background noise and clinking cutlery. For a child to be an active participant in a conversation, they need to hear everyone at the table clearly.

How to: Roger Clip-On Mics are quick and easy to wear. Just clip the microphone onto the talker's shirt. The child will then be able to hear through the Roger receivers attached to the hearing devices.



Out and about

Venturing out into the world beyond the comforts and familiarities of one's home comes with a completely different set of challenges. Understanding speech can be especially difficult when sounds are coming from numerous directions. For a child **sitting in a stroller** trying to listen to the person pushing them – this is definitely the case.

Outdoor spaces such as parks and playgrounds should be fun and exciting places, but often are worrisome for parents and can make children feel insecure. There is often surrounding noise, the child is not always close, and speech reading is virtually impossible due to constant movement and activity. Using remote microphones gives parents and the child confidence to explore.





Running errands offers an opportunity for diverse language input but can also be a source of worry for parents when a child with hearing loss is out of reach. By having a way for a child to hear, even at a slight distance, means you don't lose touch with them.

Car journeys are one of the most difficult listening situations. The constant hum from the vehicle along with road noise and other distracting sounds can make even a short trip frustrating for children. These journeys are more pleasant when children can hear and talk to their parents, even while sitting in the backseat. As a teen starts to take more responsibility and learns how to drive, hearing the instructor's or parent's cues are key to becoming confident on the road.



How to: For the best clarity, parents, friends or instructors can use the Roger Clip-On Mic attached to their shirt or the Roger Pen hanging around their neck. The speech is sent to the Roger receivers and the child can easily stay in the conversation.



Roger connects with friends

Being social and actively **participating** in group outings, means being able to follow and contribute to conversations. Having a hearing solution that functions optimally but is not obtrusive can be important for kids and teens in order for them not to feel out of place.

Sports

Kids with hearing loss find it easier to respond to a **coach's instructions** when they can hear commands directly – regardless of where they are on the court or the level of surrounding noise. This way, instead of missing out on useful advice, they can listen and get in the game.





Extracurricular activities and clubs

These activities are crucial for development. It is not only language skills, but important **social skills** are also acquired through interaction with others. Being able to hear the leader and others in these group situations means less stress and more fun.

How to: Simply point your Roger Pen interview style at an individual who is near you. You can also place it in the center of a table in order for it to capture the speech of several friends or use multiple Roger Pens, one for each person to wear.

Phone

Phone calls, an important activity for connecting with family and friends, can be a struggle because there is no face-to-face interaction. Having an easy solution for effective **mobile** phone calling ensures a social life for everyone.

How to: By pairing a Roger Pen with a Bluetooth™ - enabled phone, it allows you to listen to the phone conversation in both ears. Just answer the phone by pressing the green accept call button on the Roger Pen. For best clarity for your friend on the phone wear the Roger Pen around your neck using the lanyard or hold the Roger Pen close to your mouth.



TV, video, listening to music and gaming

Watching videos, playing games and listening to the latest music is fun – alone or with friends. Being able to quickly connect to all your **audio devices** and listen through your hearing aids, means you are always a simple click away from hearing what you want to hear.

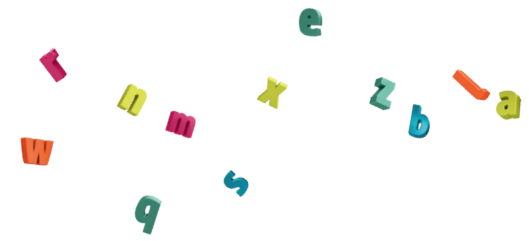
How to: Simply use the cable or docking station provided with your Roger microphone to connect it to your TV's or MP3 player's audio out jack. The Roger system now becomes a wireless headset, all while still allowing for connections to those around you.



Roger connects with students

For all children, especially those with hearing difficulties, it's important to hear well at school. Classrooms are a dynamic place for interaction and of course learning. In order to **fully participate**, every child needs to hear not only the teacher, but also classmates and multimedia devices within the classroom. With **Roger for Education** there is a solution for every situation.

How to: No matter where a teacher stands in the classroom, by wearing the Roger Touchscreen Mic, they can be heard. When the lesson changes to small group activities, the Touchscreen Mic can be unclipped and placed in the middle of the table. It automatically adjusts to pick up the voices of the children in the group.



How to: When class discussions start, a child with hearing loss should not miss out on the questions, answers and comments of his/her classmates. The small Roger Pass-around, either held near the mouth or placed in its small table stand, allows for each child to be heard.

How to: For teaching with supportive audio material, like video or music, the Roger Multimedia Hub can be added to the network and used by plugging it into the audio out jack of the audio source. Alternatively, the device can be used as a stand-alone transmitter for independent work, like listening to the computer lab lesson or to an audiobook.



Roger products

Microphones and multimedia transmitters



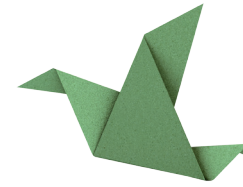
**Roger Pen
Roger EasyPen**

The Roger Pen and Roger EasyPen offer state-of-the-art wireless technology with superior speech-in-noise and over distance performance. Packed in a discreet design with fully automated microphone settings, Roger Pen and Roger EasyPen provide an all-inclusive listening experience.



Roger Clip-On Mic

The Roger Clip-On Mic, worn on a shirt is a small and lightweight microphone. Perfect for parents and family members, multiple Roger Clip-On Mics can be used together, allowing a child to hear everyone.



**Roger Touchscreen
Mic**

Roger Touchscreen Mic features a new, user-friendly interface for use in the classroom. With an automatic microphone function, it conveniently switches from an individual talker to a small group interaction mode, depending on its placement.



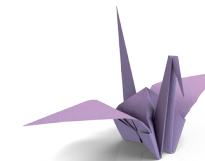
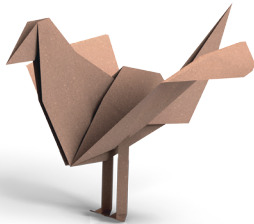
**Roger Pass-around
Mic**

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. Used as a stand-alone device, it can be connected to an audiobook or tablet for individual listening.



Roger Receivers

With several styles of Roger receivers available, there is a solution for every child, regardless of the hearing technology they are currently using.



Roger design-integrated receivers

These discreet Roger receivers perfectly complement the sleek contours of a Phonak hearing aid and are available in matching colors and tamperproof versions. There are also design-integrated Roger receivers compatible with selected cochlear implants (CIs) from Advanced Bionics and Cochlear.



Roger MyLink

An easy-to-use universal Roger receiver worn around the neck and compatible with any hearing aid or cochlear implant with a telecoil.



Roger X

The miniature universal Roger receiver with 3-pin Euro plug is compatible with virtually all BTE hearing aids, cochlear implant speech processors and streaming devices.



Roger Focus

A discreet behind-the-ear receiver that cuts through distracting background noise to bring a speaker's words directly into a child's ears. These devices enable children with unilateral hearing loss and normal hearing children with Auditory Processing Disorder (APD), and Autism Spectrum Disorder (ASD) to hear and understand more.

Solution summary

| | Situation | Roger Pen / Roger EasyPen | Roger Clip-On Mic | Roger Touchscreen Mic | Roger Pass-around | Roger Multimedia Hub |
|-------------|---|---------------------------|-------------------|-----------------------|-------------------|----------------------|
| Family life | Conversations at home | • | • | • | | |
| | Mealtime | • | • | • | | |
| | At the park | • | • | • | | |
| | In a car | • | • | • | | |
| Social life | Meeting with friends | • | • | | | |
| | Sports coaching | • | • | • | | |
| | Music, gaming, TV | • | • | | | • |
| | Group and club activities | • | • | • | | |
| School life | Teacher lectures | • | | • | | |
| | Small group activities | • | | • | | |
| | Classmate comments | | | | • | |
| | Listening to smartboards, computers or audiobooks | | | | | • |