



Roger™ for young children

When your child can hear more words, life is on



A Sonova brand

PHONAK
life is on

Give your child the best chance to reach their full potential

Hearing loss will not stop your child from living their dreams and doing all the things kids should – play, learn, communicate and socialize.

Research has shown that children need to hear 45 million words to be ready for school¹ and that increasing the number of back-and-forth conversations between a child and caregiver enhances brain development.²

Your child can benefit from access to more words and more conversations as soon as hearing loss is confirmed by combining hearing devices with a Roger system.

1 Hart, B & Risley, T (1995). Meaningful differences in the everyday experience of young American children. Baltimore, MD: Paul H. Brookes Publishing.
2 Trafton, A. (2018). Back-and-forth exchanges boost children's brain response to language. MIT News. Retrieved from: <http://news.mit.edu/2018/conversation-boost-childrens-brain-response-language-0214>, accessed May 22nd, 2018.

Roger – your preschooler's new best friend

More words, more conversations with Roger

Young children can miss out on language-building conversations with family because of distance and noise. A recent study showed that by using a Roger system at home, children have access to approximately 11 more words per minute, when compared to just using their hearing devices.³ Imagine all the conversations made possible by simply adding Roger.

And that's not all the researchers³ found:

80%
of families said Roger use improved communication **when talking to their children from a distance**

35%
said their children were less frustrated **while using Roger**

3 Benitez-Barrera, C.R., Angley G., & Tharpe, A.M. (2018). Remote microphone system use at home: Impact on caregiver talk. *Journal of Speech, Language and Hearing Research*, Vol. 61, 399-409.

Ears are the doorway to the brain

Roger helps you to be your child's best teacher

Your child can only learn spoken language if sounds reach the hearing centers in the brain. Simply put, ears can be thought of as 'doorways' to the brain and hearing loss as a 'doorway' problem. Hearing aids and Roger work together to fully open these doorways and deliver clean, clear sound so that your child can fully learn from you and the world around them.

Roger and hearing aids are the perfect pair

Roger is compatible with most hearing aids, cochlear implants and bone anchored hearing devices. Small receivers attached to your child's hearing instruments receive your voice directly from a discrete microphone that can be worn around your neck or placed on a table.

Roger can be used anywhere, any time

The world can be a noisy place, and speech often comes from a distance. Your child needs Roger technology to have the best access to caregiver speech in every listening environment. Everyday situations like playgrounds, mealtimes and car rides are no longer challenging and provide new opportunities for learning.

How Roger works

Roger delivers speech directly to your child's ears, in all listening situations. In fact, Roger allows a 42% increase in the amount of parent or caregiver talk made available to your child compared to wearing hearing aids alone.³

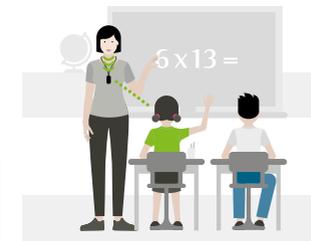
During car rides, hearing can be challenging due to car and road noise, particularly for a child sitting in the back seat.



For a child sitting in a stroller, the speech of the person pushing them may not be clear, especially without visual cues.



Listening from across the room can be difficult, especially when there is background noise.



At preschool or daycare with lots of other children around, it can be hard to hear and follow a teacher's instructions.



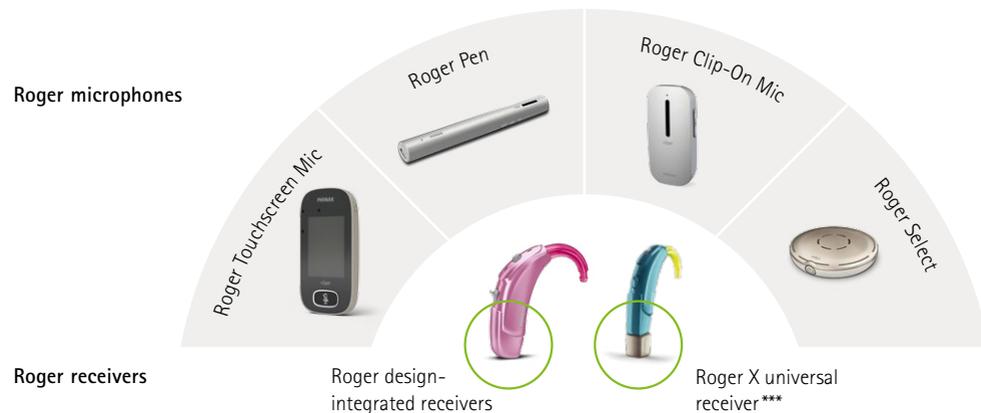
On a playground, a child is often surrounded by noise, and not always close to their caregivers.

³ Benitez-Barrera, C.R, Angley G., & Tharpe, A.M. (2018). Remote microphone system use at home: Impact on caregiver talk. *Journal of Speech, Language and Hearing Research*, Vol. 61, 399-409.

Roger is easy to use, durable and safe

Design-integrated Roger receivers are water resistant and dust tight (IP68)*, making it safe for children to use when life gets a little wet. When used with Sky™ BTEs, they can be tamperproofed**, to keep curious kids from opening the battery door.

Whether at home, at pre-school or riding in the stroller or car, Phonak offers a range of Roger microphones for use with young children.



It's never too early to start learning

Simply combining Roger with hearing devices will help your child access the words and conversations needed for timely language learning and academic success. And you will enjoy peace of mind knowing you are giving your child the best start in life.

* IP68 indicates that the hearing aid is water resistant and dust tight. It survived continuously in 1 meter of water for 60 minutes and 8 hours in a dust chamber as per the IEC60529 standard, no traces of dust were evident within the housing. Hearing aids with a Roger X are not IP68 rated nor tamperproof

** Tamperproof solutions are available for some receivers

***Not recommended for children under 3

Life is on

At Phonak, we believe that hearing well is essential to living life to the fullest. For more than 70 years, we have remained true to our mission by developing pioneering hearing solutions that change people's lives to thrive socially and emotionally. Life is on.

www.phonak.com/roger-for-young-children

