

# Phonak pediatric solutions.

Product and age recommendation overview



# Help children explore the world with the right equipment

Working with children with hearing loss means that we can't just think of the child at the time of their first hearing aid fitting.

We need to think of the child, and their supporters, across all of the changes that they experience in their world. Whether it be from the quiet one-to-one times at home, to moving into a school environment and increased social outlets and experiences. Then becoming more independent in life, with their hearing loss and into secondary school. And finally through the teens and into tertiary education.

A child is not a small adult and their needs and capabilities change at a faster rate than an adult's, therefore their hearing solution cannot be a one-size-fits-all proposition.

Regardless of the stage the child is at and which devices they are wearing, Phonak Target Junior mode provides age appropriate recommendations for many features to streamline the pediatric fitting process.

In addition to this, there are many choices for rounding out a child's hearing solution package. The following recommendations for age-appropriate solutions can be used as a guide.

	Infants and pre-schoolers	School-aged (5 – 12 yrs)	Teens (13 years and older)
Sky Lumity PR	With tamper-proof ear-hook	Yes	Yes
Sky Lumity UP	With tamper-proof battery door and ear-hook	Yes	Yes
Audéo Lumity R, RT, Life		Ages 8 years and older	Yes
CROS L		CROS can be fit to children with unaidable UHL 6 years and older. <b>CROS + Sky L-PR:</b> 6 years and older <b>CROS + Audéo L-R and RT:</b> 8 years and older	Yes, to teens with a non-aidable ear  With either Sky L-PR or Audéo L-R & RT
Roger Touchscreen Mic	For use at home and pre-school/childcare	For use at home and school	For use at home and school
Roger Clip-On Mic	For use at home by parents and siblings	For use at home	For use at home
Roger Pass-around		For use at school	For use at school
Roger On™			For use at home/socially/part-time jobs
Roger Focus II	36 months and older	Yes	Yes
myPhonak Junior	For parents and HCPs who wish to have touch points through Remote Support and wish to use Wearing time to support hearing aids use	<b>Supported use:</b> 6 years and older <b>Independent use:</b> 11 years and older	<b>For parents/teens use:</b> 11 years and older. For parents/teens and HCPs who wish have touch points through Remote Support





## Children of all ages

Children need hearing aids that are designed specifically with them in mind. That means, hearing aids with the following options...

**Strong and robust:** So that they can withstand a child's busy and active world.

**Roger access:** We know the benefits of Roger technology regardless of whether Roger is used at home, in school, or out socially. Having easy access to Roger through RogerDirect™ allows for direct connection with all Roger™ microphones.

**Tamper-proof options:** Children aged 36 months and younger need hearing aids which are safe. Phonak Sky hearing aids have tamper-proof options to help keep children safe.

**Customizable:** Not only can kids express their personalities with colorful Phonak hearing aids, they can also personalize how their hearing aids sound in challenging listening environments.

### Features that support parents and caregivers

- **Ease of use:** Parents of young children need a hearing aid that is easy to handle, easy to see if it is powered on, and easy to change earmolds, especially for those years when the infant is growing so rapidly
- **Remote Support:** Sometimes it is difficult for parents to be able to come into the clinic. Having access to their HCP remotely can make the difference
- **Wearing time:** Having access to information about wearing time can help parents gain confidence in the child's hearing aid use – especially for parents of children who have been recently fitted and who are establishing healthy hearing aid use

For these children,  
the Sky portfolio is  
the most appropriate.

For additional information  
Phonak Sky portfolio



# Tweens and teens

## As children grow and their lifestyle needs change, Phonak's pediatric portfolio adapts with them.

In the tween and teen years, we work together to help them become self-advocates and more independent. Part of that is providing a solution that they choose, they love and they will wear. Audéo is more discreet and may be preferred by tweens and teens from a cosmetics perspective. If the teen loves color, there are also colorful options that they can choose from. Of course, Audéo has unlimited connectivity; an essential element for today's world and easy Roger access through RogerDirect.

### What should we consider when recommending an Audéo for a child?

- **Age:** 8 years and older as per CE certification and endorsement by the Pediatric Advisory Board
- **Need for tamper-proof:** The battery door is tamper-proof as they are all rechargeable. However the receiver cannot be tamper-proofed
- **Size of the ear:** Is the receiver length appropriate? Will the canal be able to accommodate the required receiver strength?
- **Maintenance:** Is the child ready to look after the receiver, check for wax, change the wax guards?
- **Earpiece:**
  - Custom shell: How important is it to minimize the risk associated with having a hard shell in the ear canal and the shell potentially breaking?
  - Dome: Creating the appropriate seal, with sufficient venting and comfort
  - Retention: Will it stay in the ear well enough with kids being more physically active than adults?

For additional information  
on Phonak Audéo



# For those with Unilateral hearing loss (UHL)

Phonak's pediatric solution offers two options for children with UHL.

## CROS – Contralateral Routing Of Signal

CROS is worn on the ear with the unaidable hearing loss and is coupled to a hearing aid on the other ear. If the better ear also has a hearing loss, the same setup is provided. The difference is the amount of amplification that is provided in the hearing aid. This system is called BiCROS – Bilateral Contralateral Routing Of Signal.

### What should we consider when recommending a CROS to a child?

- **Age:** CROS can be fit to children aged
  - 6 years and older with Sky L-PR with CROS L
  - 8 years and older with CROS P with Audéo P, CROS L with Audéo L
- **Child's ability to trouble shoot unfavorable listening conditions:**
  - Does the child understand when CROS will be most beneficial?
  - Can they make appropriate decisions regarding CROS when noise is dominating the CROS side?
  - Can parents/teachers assist with this when the child is not able to make these decisions appropriately?
- **Ear canal size:** Ensure ear canal of normal hearing ear is not occluded and thus creating any degree of hearing loss in that ear
- **Weighing up the benefit of CROS and Roger:** The CROS signal cannot be streamed to the hearing aid at the same time as any other streaming, including Roger



For additional information on CROS portfolio



## Roger Focus II

Roger Focus II is ideal for children with UHL, Auditory Processing Deficits (APD), and Autism spectrum Disorder (ASD).

- **Age:** 3 years and older
- **For UHL:** Normal hearing in one ear, and unaidable loss in the other
- **For APD and ASD:** normal functional hearing in both ears
- **Roger Focus II is worn on the ear with normal hearing**
- **312 and rechargeable battery options**
- **Not tamper-proof**
- **Compatible with all Roger microphones**

### Considerations when recommending Roger Focus II to a child?

- Ensure that the ear piece is small enough so that it doesn't not occlude the ear with normal hearing
- Set the volume of Roger Focus II so that speech in noise at a distance is comfortable for the child



For additional information on Roger Focus II





# Roger microphones

## For pre-schoolers

Research shows significant benefits for children who use Roger before they attend school.

### Using Roger provides:

- Can provide an additional 5,300 words per day<sup>1</sup>
- An additional 12% child-directed speech<sup>2</sup>
- Parents commented that their child was more alert, engaged and attentive when using Roger<sup>3</sup>
- Better receptive discourse skills<sup>4</sup>

## For school age

Research has shown significant benefit for children in a noisy classroom. In fact, they can achieve an additional 34% better speech understanding over hearing aids alone<sup>5</sup>. However, it can be used outside of the classroom as well.

### Situations to use Roger:

Sports and dance classes;  
Conversations in the car;  
Other situations where noise and distance can limit speech understanding.









## For teens

As well as school and the other activities above, where else can teens benefit from Roger?

### Situations to use Roger:

Socially in even more challenging listening environments; Online calls and additional educational sessions; When interacting with others during on-line gaming.

## Which microphone for who?

		Pre-schoolers	School age	Teens	
	<b>Roger Touchscreen Mic</b> Often used in school environments. Transmits the teacher's voice directly to the student's hearing device. When placed on the table, it allows children to better understand their peers and participate in classrooms.		Yes	Yes	Yes
	<b>Roger Pass-around</b> A student microphone designed to enhance classroom discussions. It can be passed from one student to another, allowing the child with hearing loss to hear not only the teacher, but also their classmates.			Yes	Yes
	<b>Roger On</b> Versatile microphone for everyday use. It provides stereo sound and recognizes the direction sounds are coming from. It can also be used as a headset for online calls. Ideal for teenagers during social settings or extracurricular activities.				Yes
	<b>Roger Clip-On Mic</b> Designed for one-on-one conversations, like at home, on playgrounds, while pushing the pram. It can easily be clipped on to clothes or worn around the neck of the parent and caregiver.		Yes	Yes	Yes



## myPhonak Junior

Our app can be used in various ways to support a child with hearing loss and their family.

### Parents

#### Wearing time:

- Provides parents with wearing time information which is particularly helpful when establishing hearing aid use
- It is a great counselling tool for HCPs when working with families

#### Remote Support:

- Enables 'catch ups' soon after the diagnosis to provide support, check progress, answer questions in between in-clinic appointments
- Sessions that fit into a busy families schedules especially when distance is a factor

### Tweens and teens

#### Remote control:

- Helping the children take ownership of their hearing loss, become a self-advocate and empowering them in their world
- Independent use from age 11 yrs – depending on the maturity and knowledge of the child. Empowers the child to personalize their Noise Reduction and Speech Focus settings in listening environments they find particularly challenging

#### Remote Support:

- Appointments that fit into their schedules

For additional information  
on myPhonak Junior





# life is on

Since 1947, Phonak is dedicated to preserving life quality by opening new acoustic worlds. Already back then, in the days of our foundation, our company was driven by a formative conviction: We believe that well-hearing equates to well-being and thus is essential for living life to the fullest. In fact, the sense of hearing is directly linked to social, emotional, cognitive and physical well-being. Today as in future, we thrive to offer the broadest portfolio of innovative hearing solutions. And, together with our hearing care professionals, we keep on focusing on what matters most: improving speech understanding, changing people's lives and having a positive effect on society as a whole.


[www.phonak.com](http://www.phonak.com)



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