

Unlock a world of new possibilities for tweens & teens

Evan Claytor, AuD and Amanda
Fulton

Webinar FAQs

- **How to ask a question:**
 - Click Q&A, type your question and Send.
- **Where to get the handout:**
 - Resources in the classroom and under Pending Courses in your account
- **How to view captions:**
 - Click Live Transcript CC button
 - Click Show Subtitle
- **How to earn CEUs:**
 - After the webinar, go to your Pending Courses and pass the multiple-choice exam.
- **For assistance or tech support:**
 - Call 800-753-2160
 - customerservice@audiologyonline.com
 - Use the Q&A window



PHONAK
life is on

Unlock a world of
new possibilities for
twens & teens.

Infinio Ultra: The very best. For you.

Financial disclosure: Speaker is employed by Phonak US

Non-financial discloser: None

Risks/Benefits

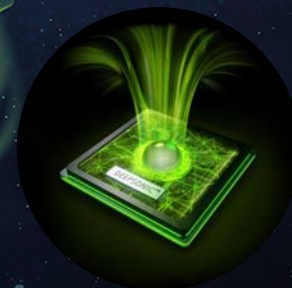
- The applicability and accuracy of the course content may vary by the clinical, geographical, and cultural context; you should evaluate the course accordingly.
- As healthcare is rapidly evolving, new findings may change the validity of the information presented in this course. Providers should always consult the latest research and guidelines from professional associations.
- The interventions discussed in this course may be limited in generalizability, requiring practitioners to consider specific individual and population factors.
- The course may not cover all possible risk factors, diagnostic methods, or treatment options, and complex cases may require additional considerations.
- Healthcare providers should apply cultural competence and sensitivity to ensure effective and respectful care based on their patients' diverse needs.
- Providers should always evaluate the limitations of diagnostic and screening tools, considering their potential for false results as well as any ethical implications.
- It is the responsibility of course participants to critically evaluate the evidence from multiple sources to guide professional practice.

Learning Objectives

After this course, participants will be able to

- Describe advancements in AI-powered features
- List Target changes that streamline the fitting process
- Describe updates to my Phonak Junior

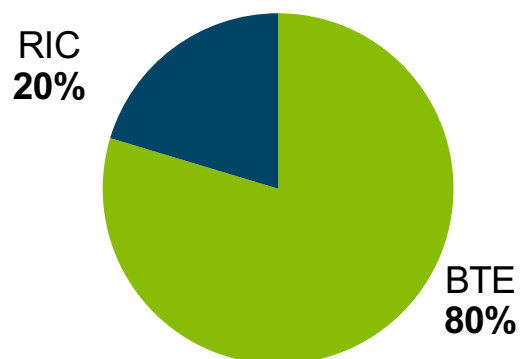
Just one
year ago...



Percentage of RIC fittings increases with age

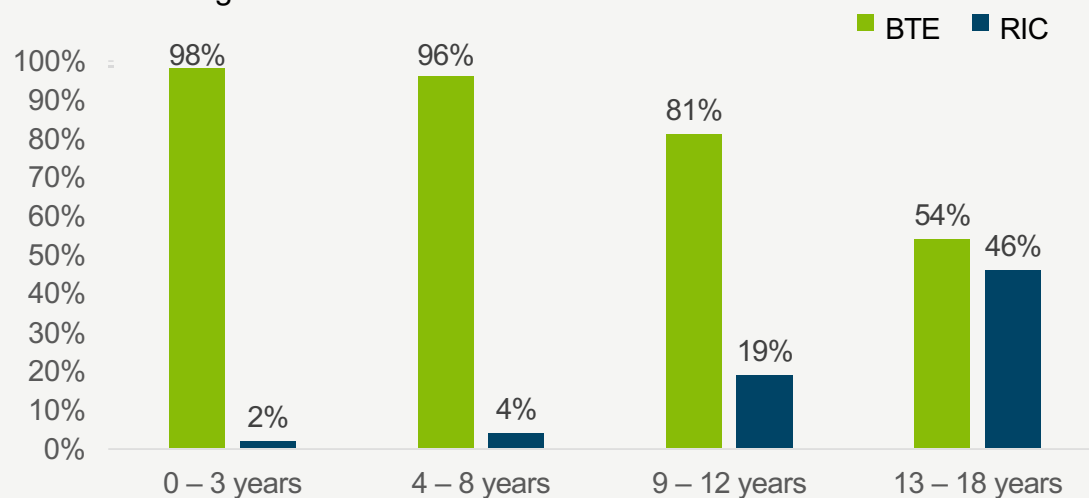
All age groups

% of fittings



Form factor by age group

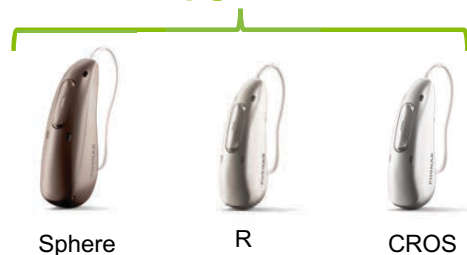
% of fittings



Unlock a world of new possibilities with Infinio

Audéo Infinio (Ultra)

Upgraded



SDS 6.0

New



Virto Infinio

Still new!



eSolutions

Updated





PHONAK
life is on



Adaptive

The best sound for you.
No matter the situation.
Anytime. Anywhere.



Clear

Any voice. Any
direction. Always
clear.



Connected

Always Universal.
Connectivity that
works – no matter the
device, no matter the
moment.



Easy

Easier maintenance.
For everyone. Phonak
does the work, so you
don't have to.



Adaptive

The best sound quality-
whenever, wherever.
Automatically.



Training of AutoSense OS

Input



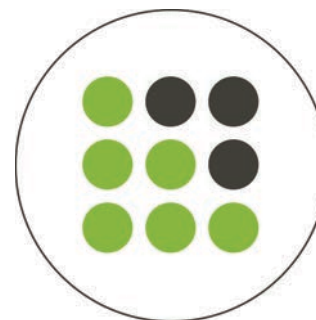
**18x more
sound
samples**

Feature
analysis



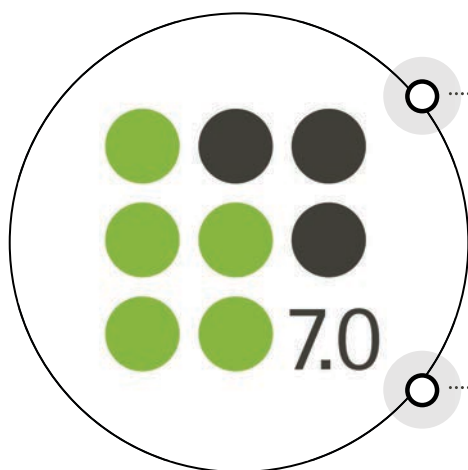
More robust

Classification



**Classification
more accurate**

Introducing AutoSense OS 7.0

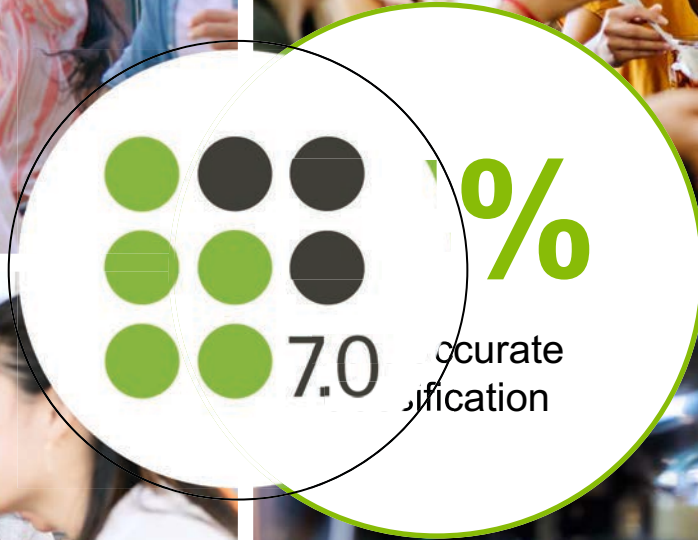


Speech in noise environments



Music environments





AutoSense OS 7.0 – Benefits

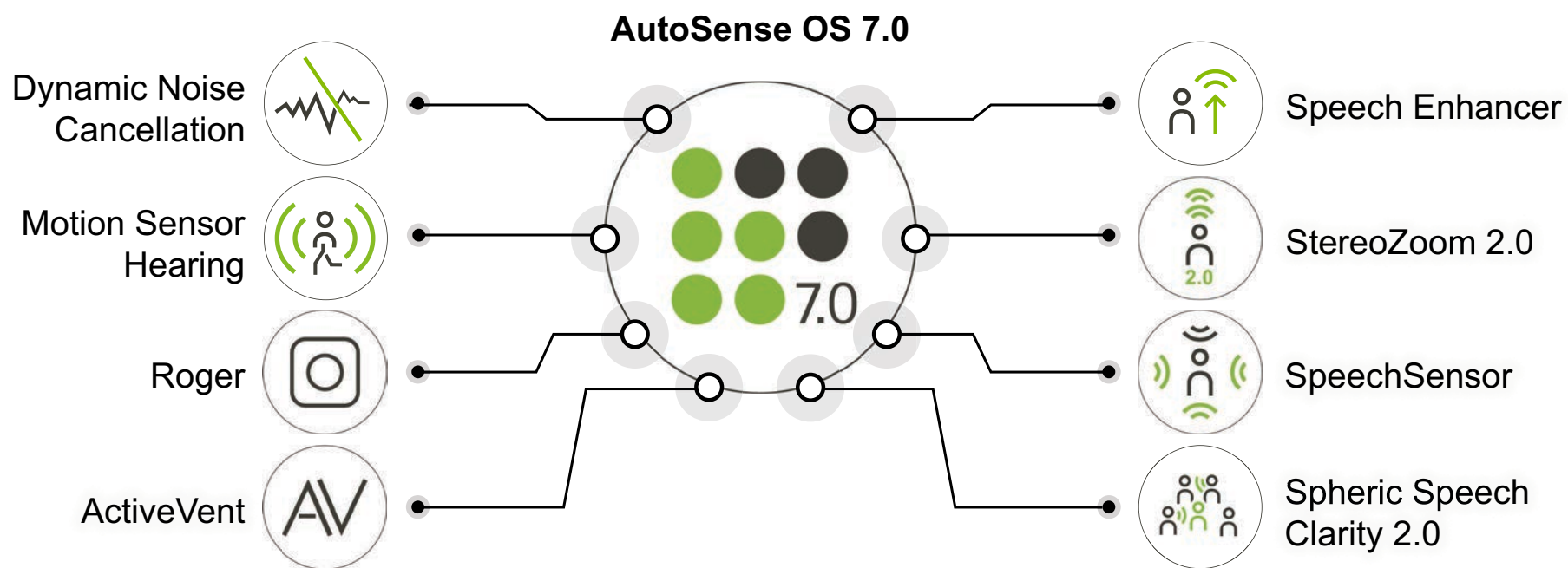


Boosts **speech understanding** in noise¹

Patients can enjoy **exceptional sound quality** in every moment

1. Wright, A. et al. (2025). AutoSense OS 7.0 improves speech understanding with highly rated sound quality for challenging listening environments. Phonak Field Study News. Retrieved from <https://www.phonak.com/evidence>.

Exceptional sound, every step of the way



Updated Junior Mode noise management settings

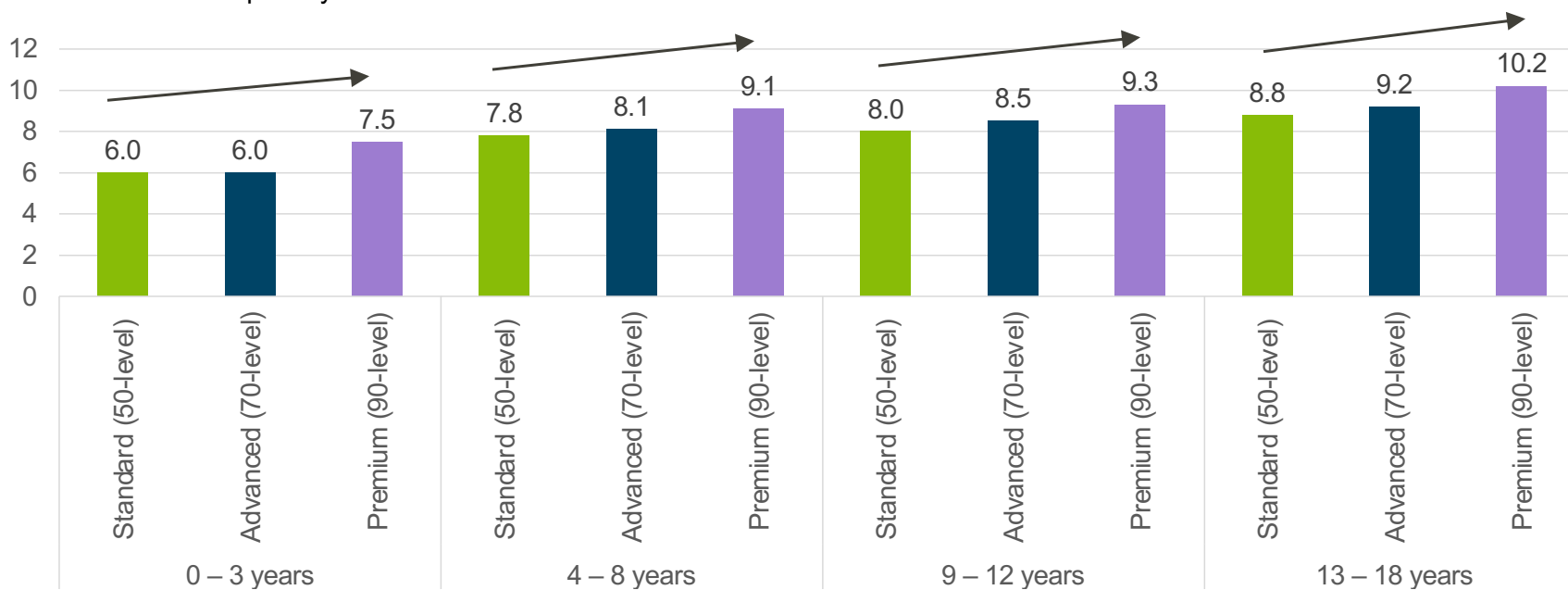
Listening environment	New default settings (Target 11)	Previous default settings (Target 10)
Calm situation	NoiseBlock Weak – 6 SoundRelax Weak – 7	0-3 years: NoiseBlock Off Other age groups: NoiseBlock Weak – 7
Speech in Noise	NoiseBlock Moderate – 14 SoundRelax Weak – 7	NoiseBlock Weak – 7
Speech in Loud Noise	NoiseBlock Moderate – 16 SoundRelax Weak – 7	NoiseBlock Weak – 7

Scollie, S., Levy, C., Pourmand, N., Abbasalipour, P., Bagatto, M., Richert, F., Moodie, S., Crukley, J., & Parsa, V. (2016) Fitting Noise Management Signal Processing Applying the American Academy of Audiology Pediatric Amplification Guideline: Verification Protocols. Journal of the American Academy of Audiology. 27(3), 237-251. <https://doi.org/10.3766/jaaa.15060>
 Scollie, S., Lewis, D., Nelson, J., DesGeorges, J., Bohnert, A., Porter, H., Bagatto, M., Easwar, V., Rich, S. (2025) Phonak Pediatric Focus 4: Noise reduction in children's hearing aids: Evidence-based solutions.

Wearing time increases with technology level

Wearing time by technology level

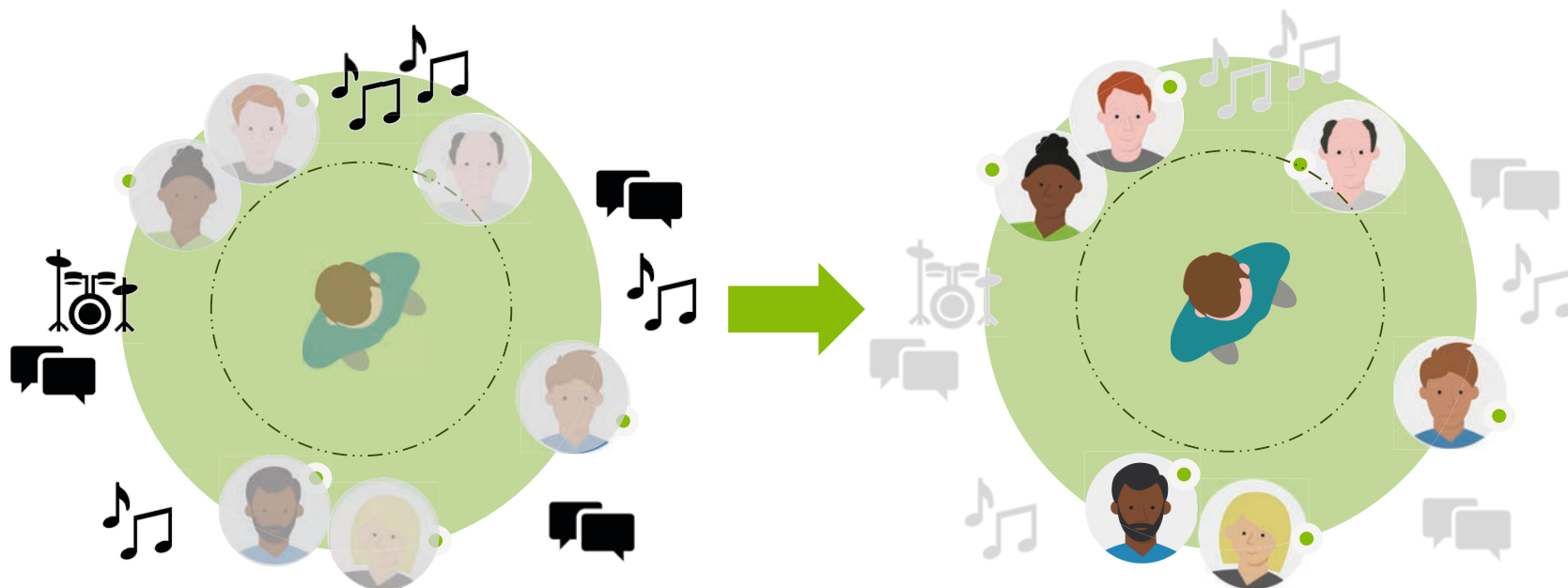
Median hours of use per day



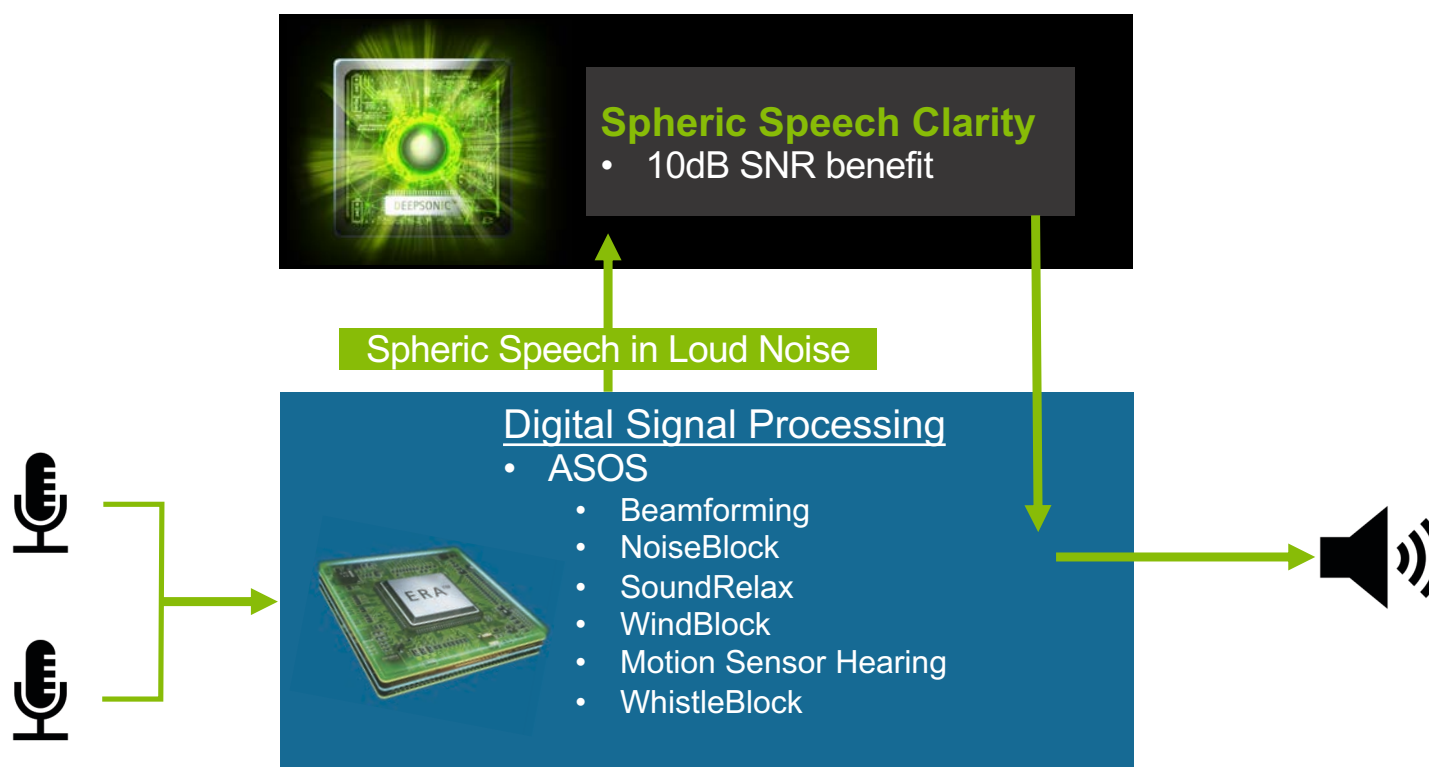


Clear
Any voice. Any direction.
Always clear.

Spheric Speech Clarity **extracts, enhances** and **integrates** speech in real-time for unmatched hearing from any direction, in any situation.



DEEPSONIC and ERA chip interaction

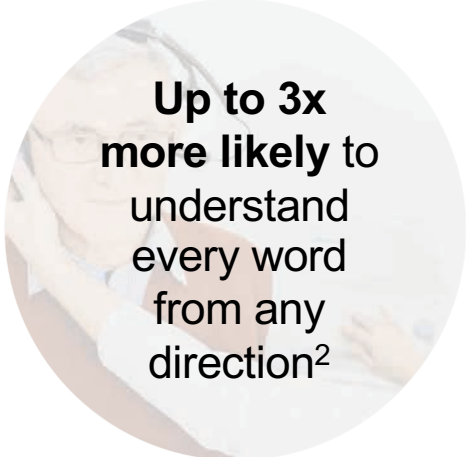


Recap: Benefits of Spheric Speech Clarity



HearAdvisor
top score¹ for
speech in
noise **4.6/5**

Technical measurements



**Up to 3x
more likely** to
understand
every word
from any
direction²

Clinical studies



10/10 report
Phonak
Sphere
delivered
an outstanding
hearing
experience³

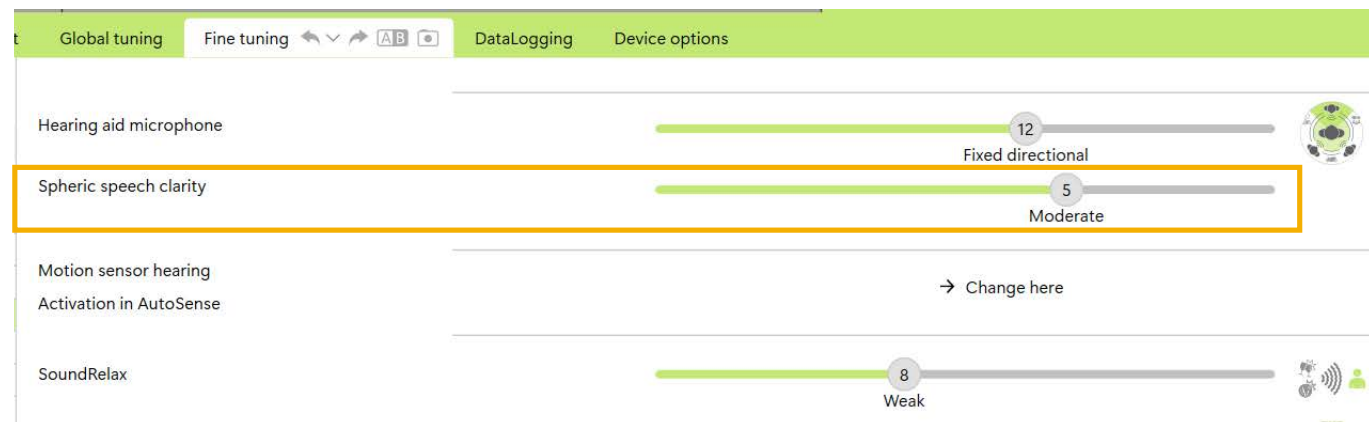
HCP perception

1. <https://www.hearadvisor.com/products/phonak-sphere-infinio#score>
2. Wright, A., Kuehnel, V., Keller, M., Seitz-Paquette, K., Latzel, M. (2024) "Spheric Speech Clarity applies DNN signal processing to significantly improve speech understanding from any direction and reduce the listening effort." Phonak Field Study News retrieved from <https://www.phonak.com/evidence>.
3. Sonova proprietary research. (2024). Please contact claims@sonova.com if you are interested in further information.

Spheric Speech Clarity is giving benefit to kids

Recommendations:

- Give access to SSC
- Work with child and family to personalize setting
- Recognize there may be acclimatization period



The 'Adjust Spheric speech in loud noise (Automatic)' panel shows various settings. The 'NOISE REDUCTION' slider is highlighted with an orange box. The 'SPEECH FOCUS' section is also visible.

Introducing Spheric Speech Clarity 2.0.



Challenge: Improve efficiency

The goal



Same performance

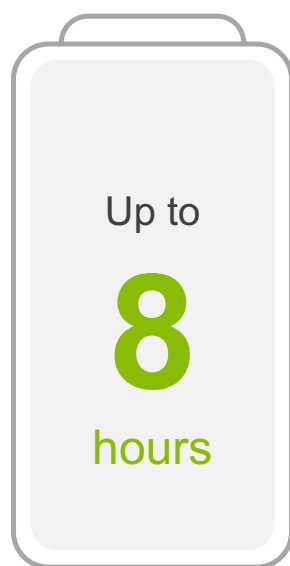
Less power consumption

Improve efficiency by 30%

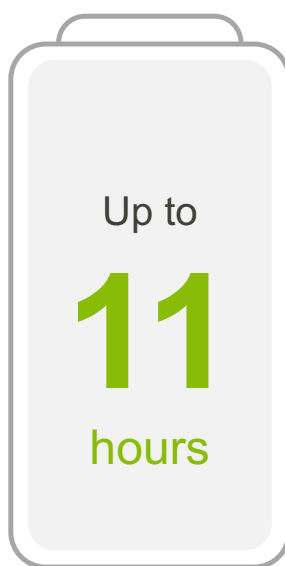


New DNN architecture

30% efficiency improvement in battery runtime



100% SSC



100% SSC 2.0



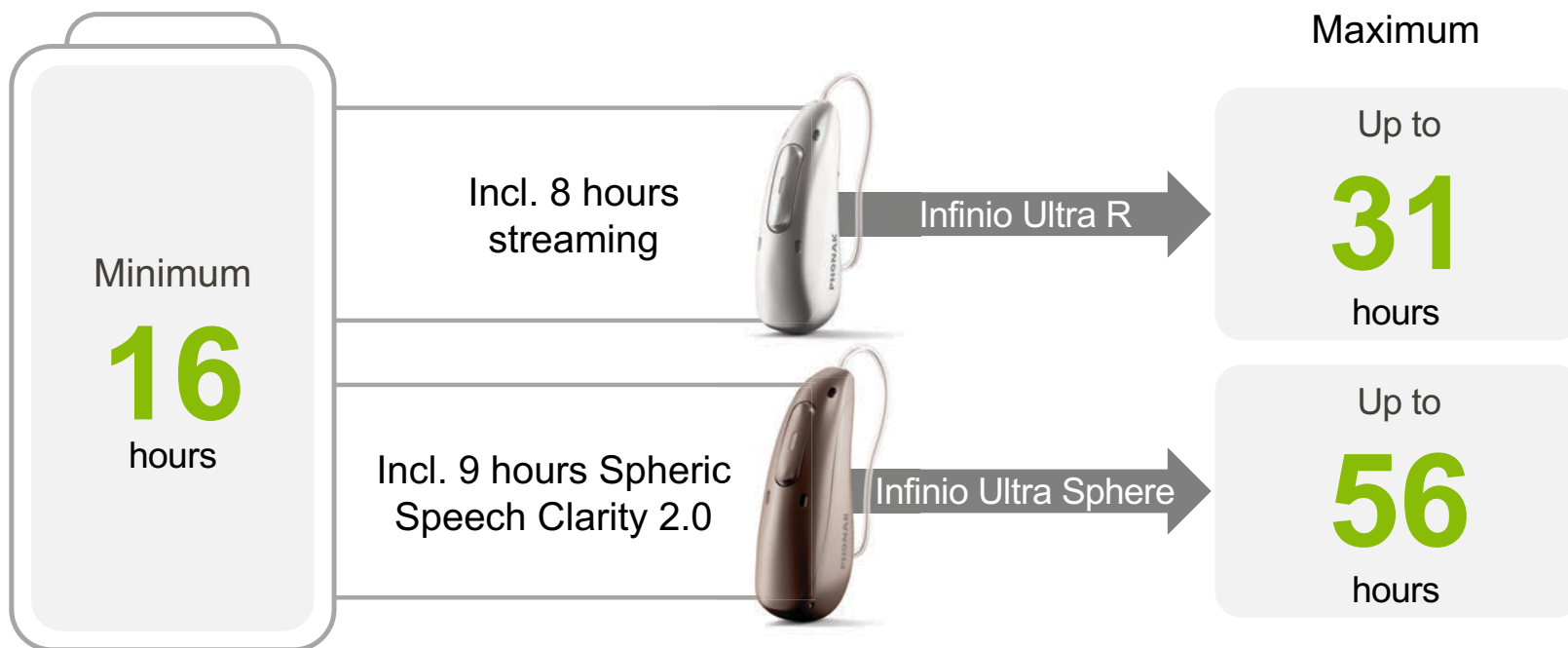
Incl. up to 9 hours
SSC 2.0



30% efficiency
improvement in SSC 2.0
compared to SSC

Battery runtime measurements

Product requirement & Phonak communication

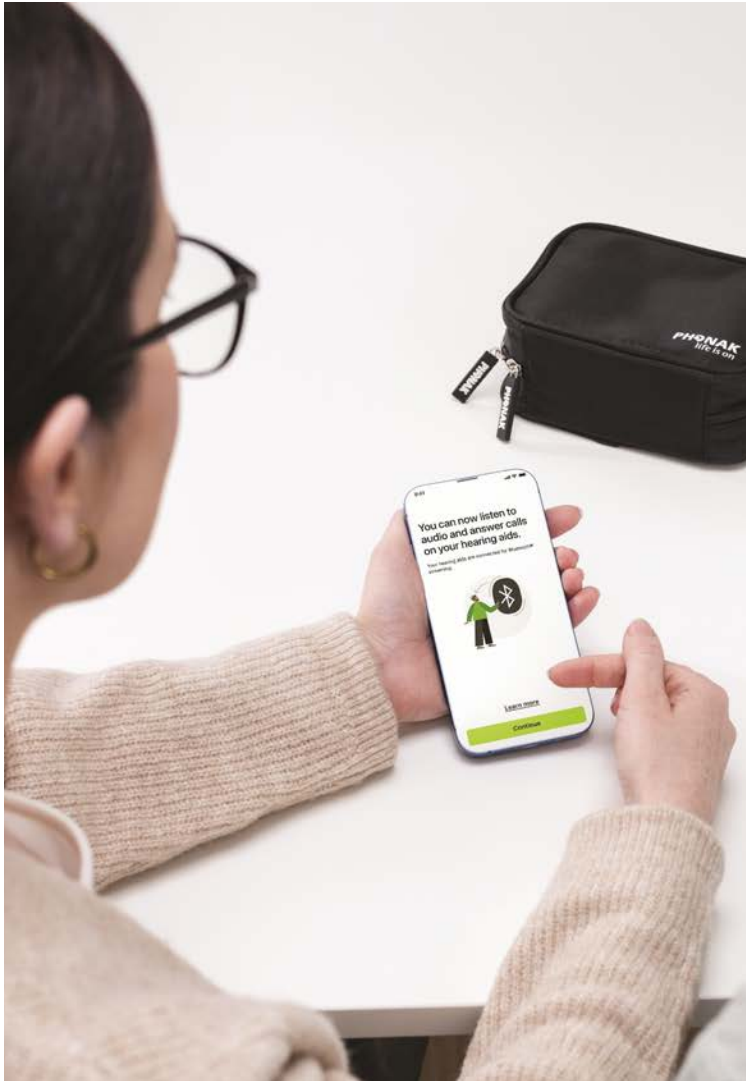


With Infinio Ultra, patients hear the world more clearly every step of the way

AutoSense 7.0 harnesses the power of AI to accurately identify and adjust—now **trained with 18x more sound environments** for even more precision

Spheric Speech Clarity 2.0 extracts, enhances, and integrates speech in real-time to deliver unprecedented speech clarity in noise from any direction, **now 30% more efficient**





Connected
Always universal.
Connectivity that works –
no matter the device, no
matter the moment.

Market-leading connectivity

Phonak universal connectivity



> 6,800*

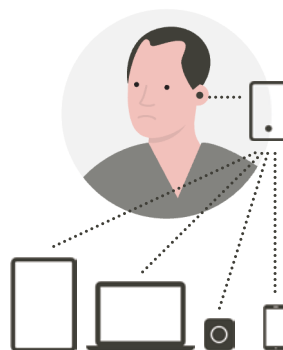
Smartphones plus almost any
Bluetooth enabled devices
**8 pairings with
2 active connections**

Limited BT
connections



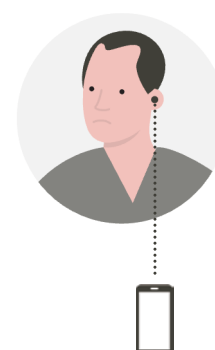
Bluetooth classic
1 connection

Complicated
connectivity



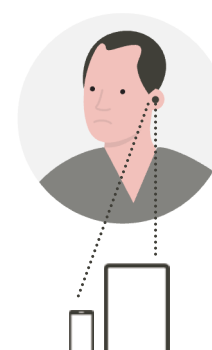
Most connections
only
possible with a
streamer

Limited ASHA
connectivity



~ 130**
Android phones
($< 1\%$)

Limited MFi
connectivity

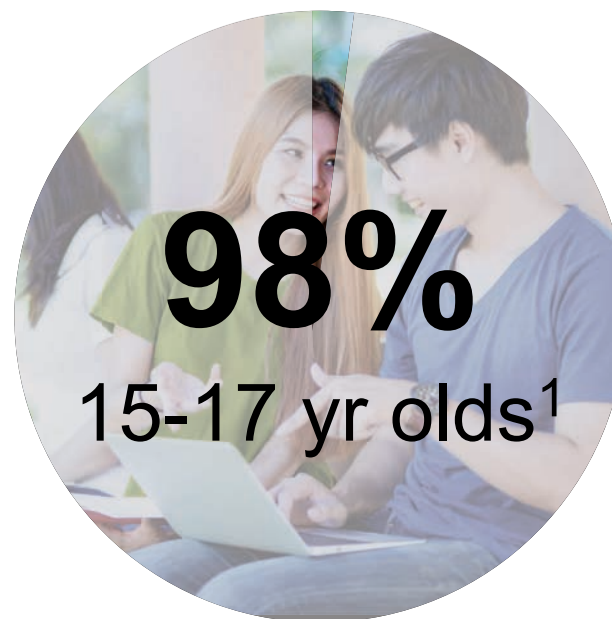


~ 38**
iPhone models
plus other iOS
devices

*Phonak. (2024). Check your phone compatibility: <https://www.phonak.com/com/en/support/product-support/compatibility.html>. Accessed May 2024

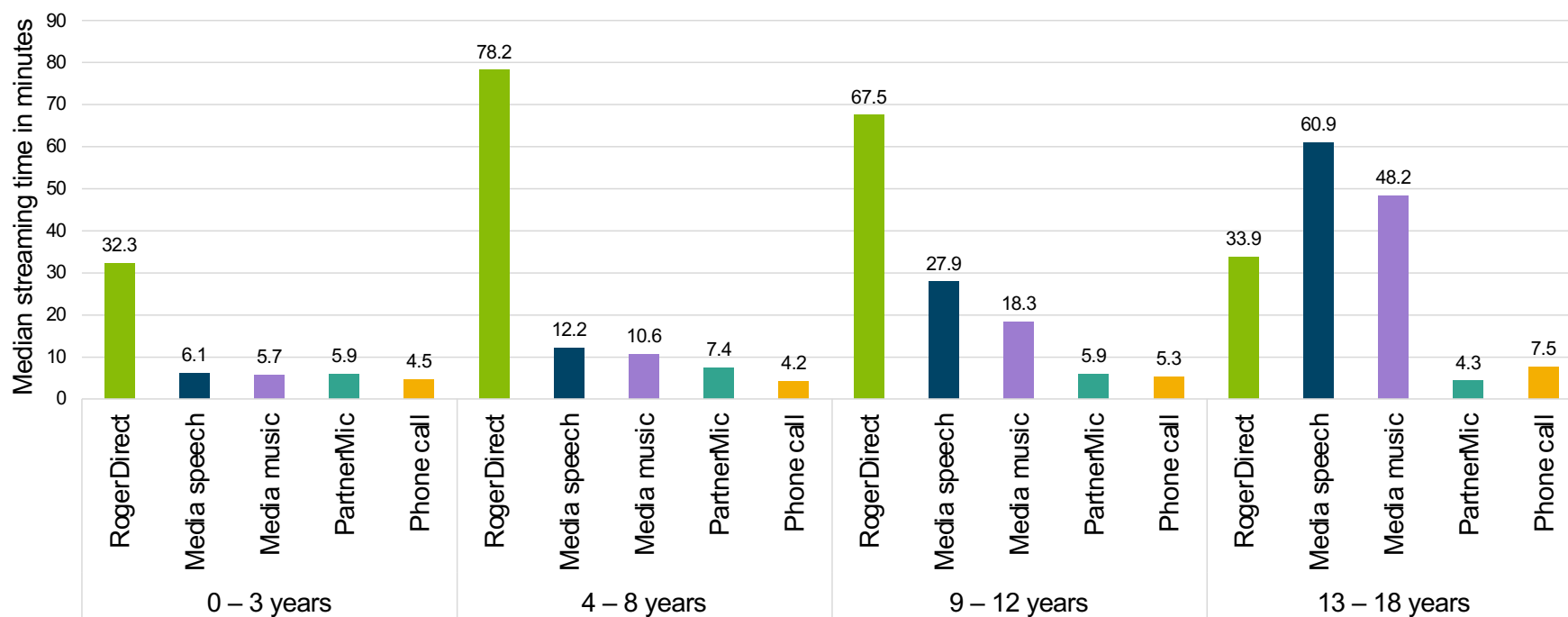
**Information retrieved from competitors' device compatibility websites. Accessed May 2024

Smart phone ownership in the United States for teens/tweens



1. Pew Research Center

Increased median daily usage of streaming as the child grows



Impacts of app access and use



*with myPhonak 3.0 app **aged 11 years and older

1. Neumann, S., Wolfe, J., Manning, J., Roberts, J., Schafer, E., Miller, S., Dunn, A., Jones, C., & Rakita, L. (2022). Evaluation of a smartphone-based remote control app for school-age children with hearing loss
2. Standaert, L. & Nelson, J. (2024) Does Dynamic Noise Cancellation and Tap Control make a difference for kids? Phonak Field Study News. <https://www.phonak.com/evidence>.
3. Pletch, K. R. et. al. (2024) Noise control algorithm reduces listening effort for adolescents who are bilateral hearing aid users. Poster retrieved <https://Phonak.com/evidence>
4. Gazibegovic D, Bohnert A, Laessig AK. Hearing Aid apps: are they safe, practical and beneficial for children and teens in challenging situations? Eur Arch Otorhinolaryngol. 2024 Jul 31. doi: 10.1007/s00405-024-08851-2. Epub ahead of print. PMID: 39083059.



myPhonak Junior 2.0 brings exciting changes

Compatibility

Marvel- Sky, Naida, Bolero, Audéo
Paradise- Naida, Audéo, CROS
Lumity- Sky, Naida, Audéo, CROS

NEW

Infinio- Audéo R, Sphere

New features overview



**Volume
management**



**Custom
programs**



**Streaming
balance**

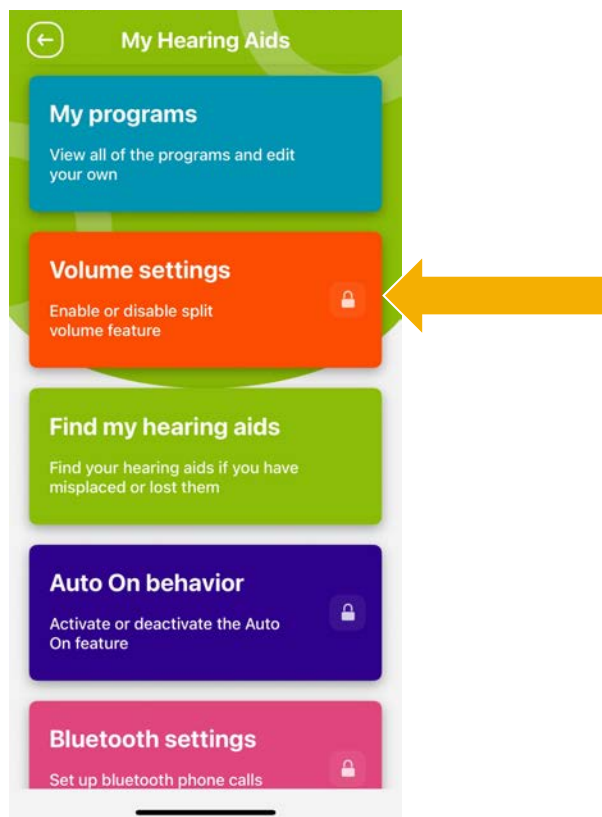


**Find my
hearing aids**

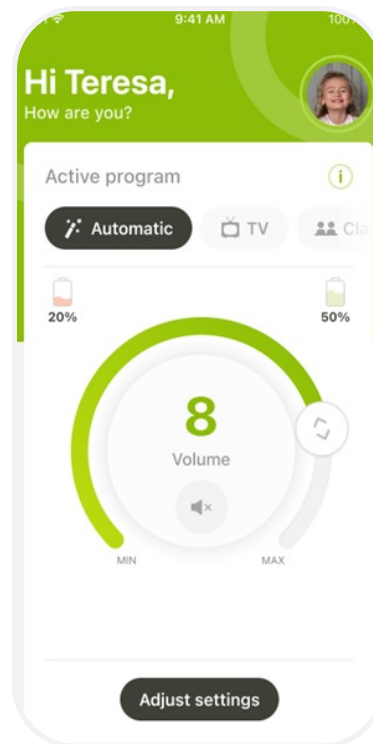


**Cleaning
reminders**

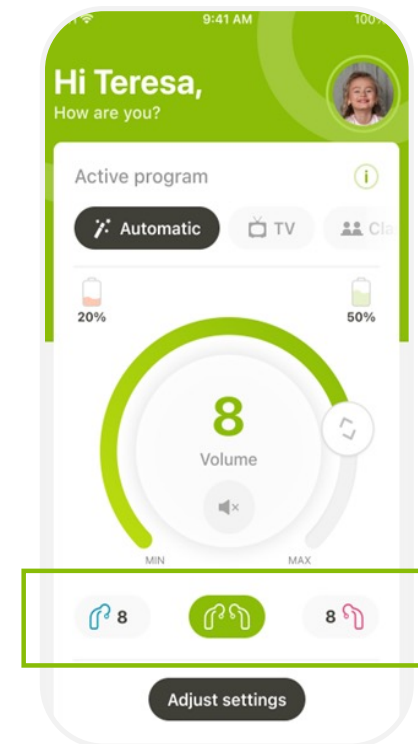
Volume control management



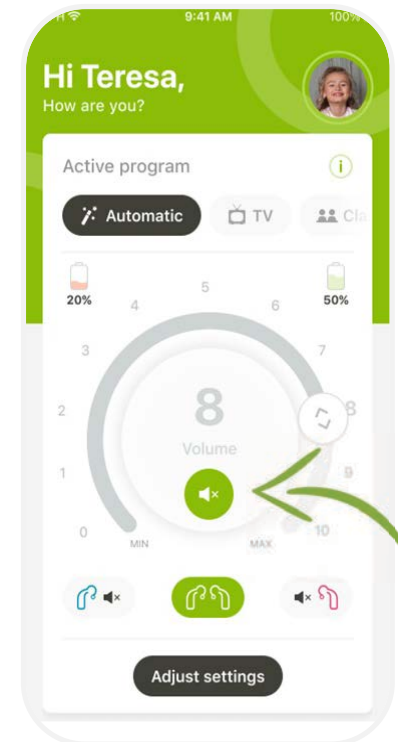
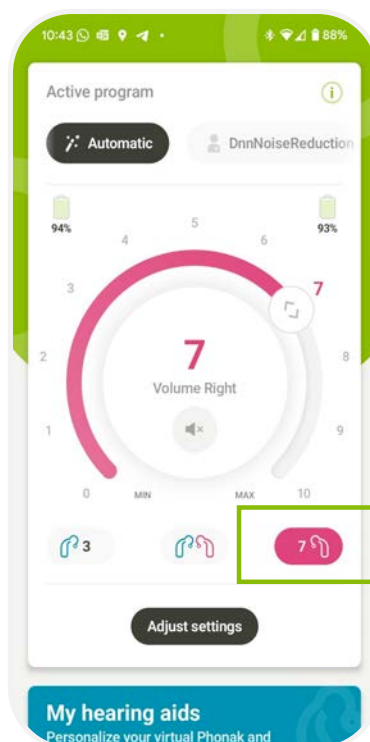
Split VC Off



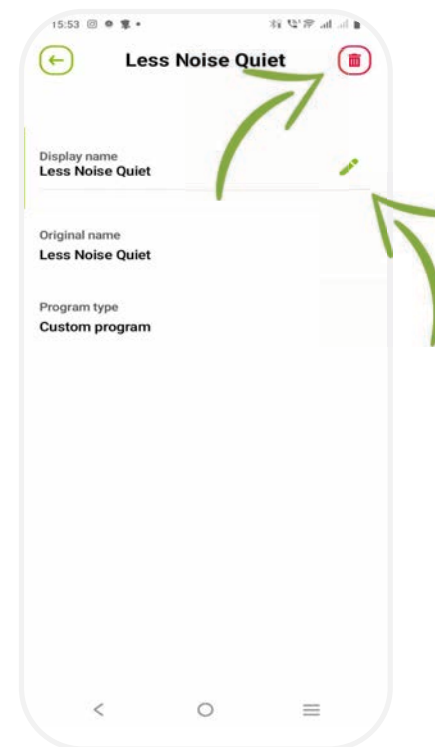
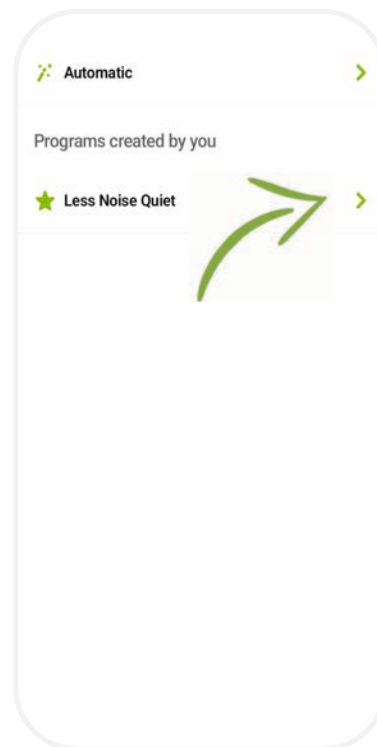
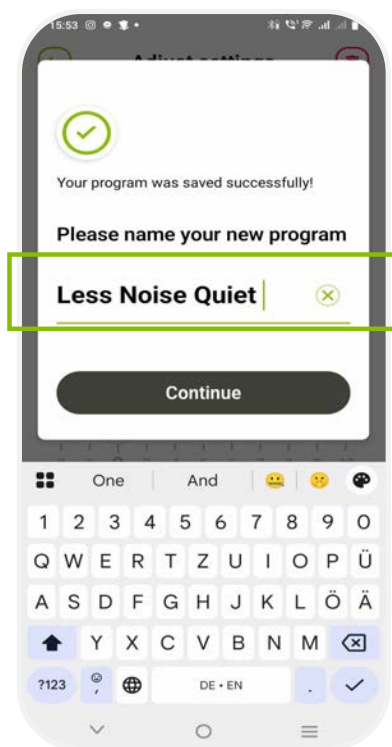
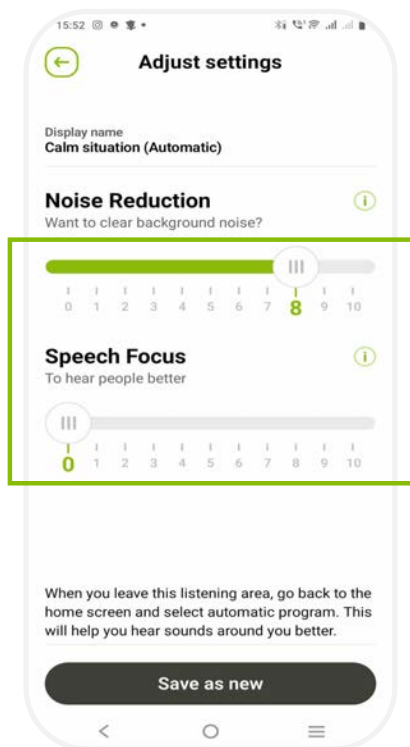
Split VC On



Adjust volume or mute for Left/Right/Both devices.



Creating custom programs



Results Custom program

92% of participants navigate to adjust settings in the app

100% of participants could successfully:

- Create a custom and save program
- Delete a custom program
- Demonstrate an understanding of maximum custom programs
- Change to the custom program on the app
- Change to the custom program on their hearing aids

Football and parties (both family functions and with friends)

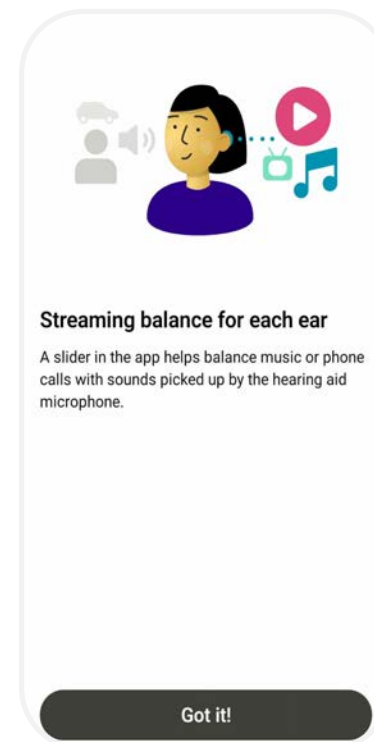
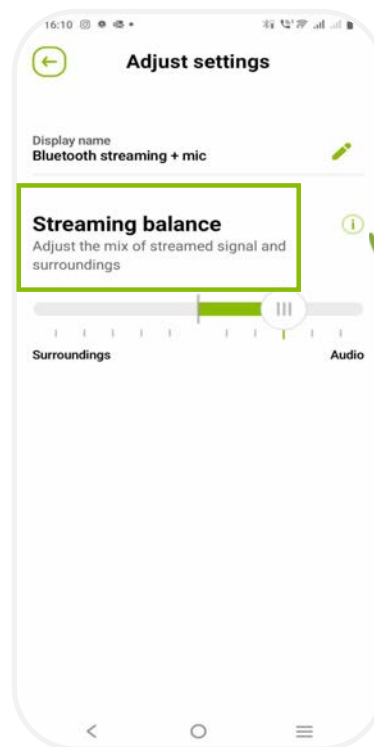
When with friends, on bus

Café, metro, in lessons to get rid of background noise

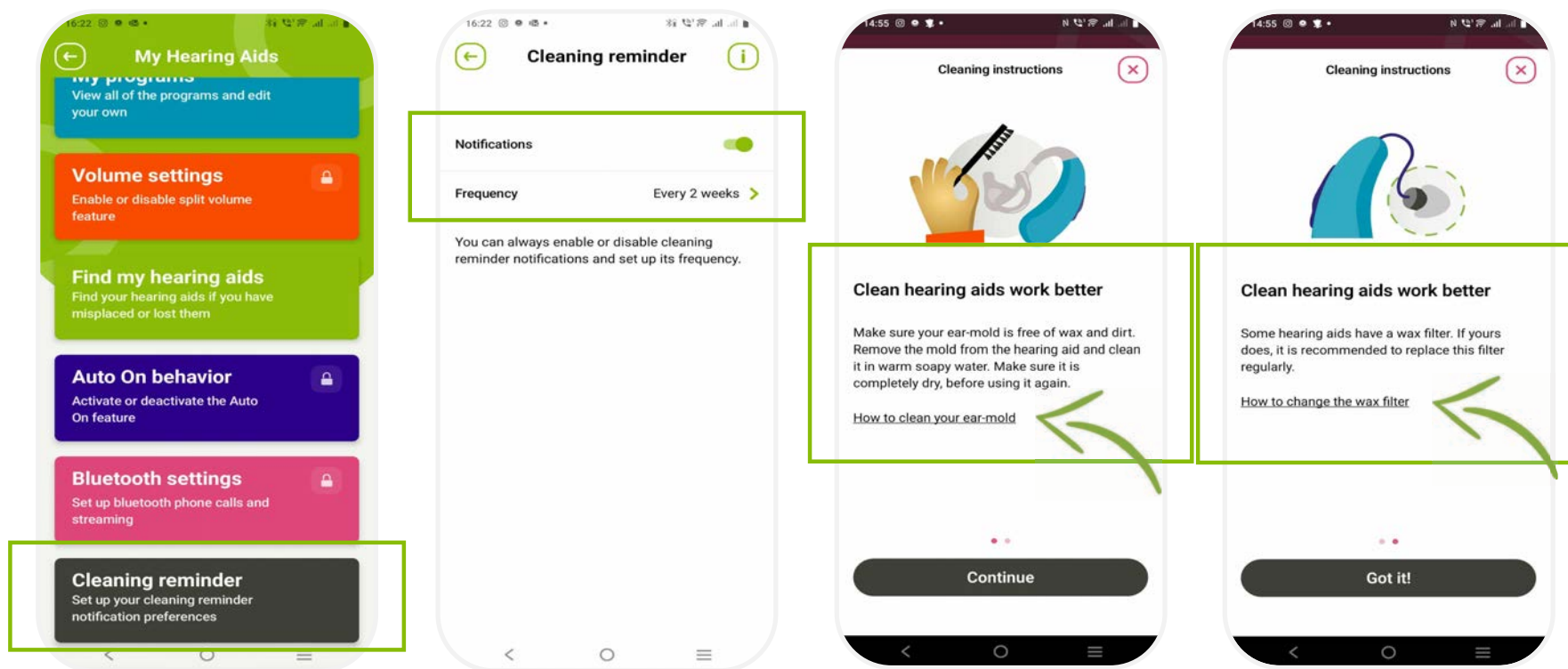
Could like a normal program, one for class and one for cafeteria, might want one for windy weather and would like to trial that

Drama class, during noisy lessons

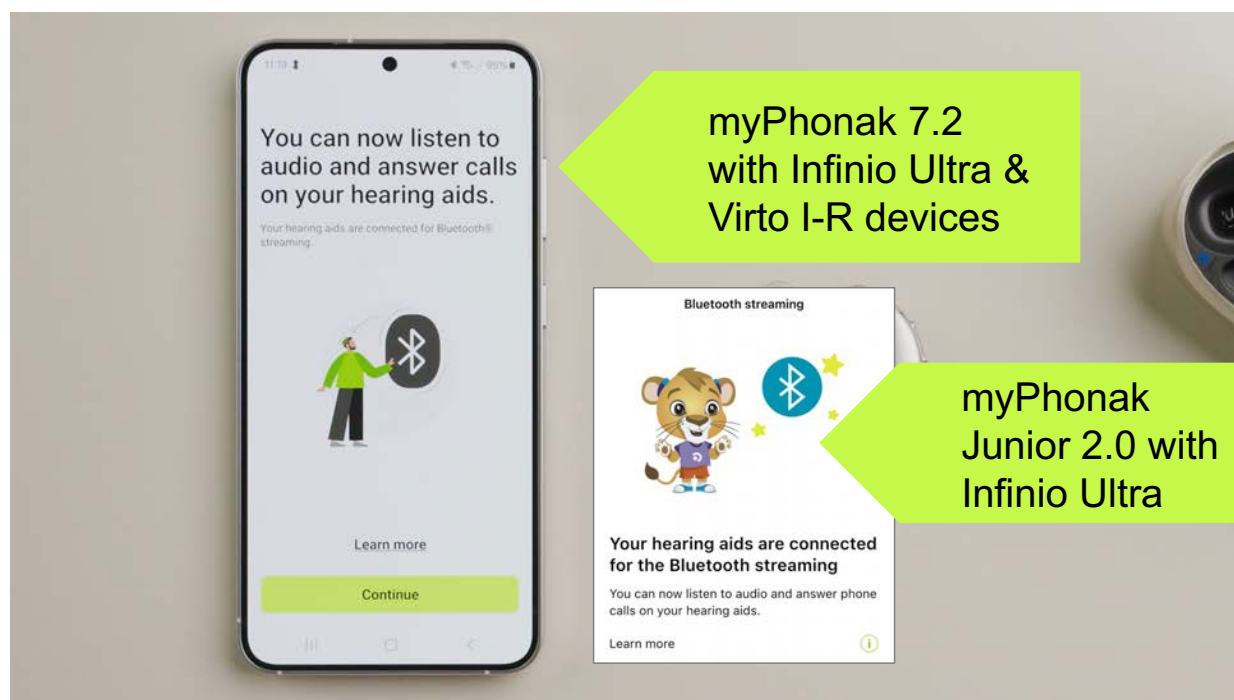
Control streaming levels with Streaming balance



Cleaning reminders support kids to keep their hearing aids clean



One-step pairing to both myPhonak and Bluetooth devices

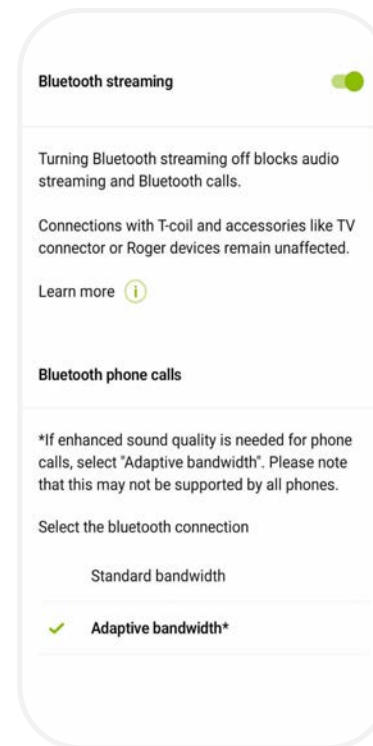
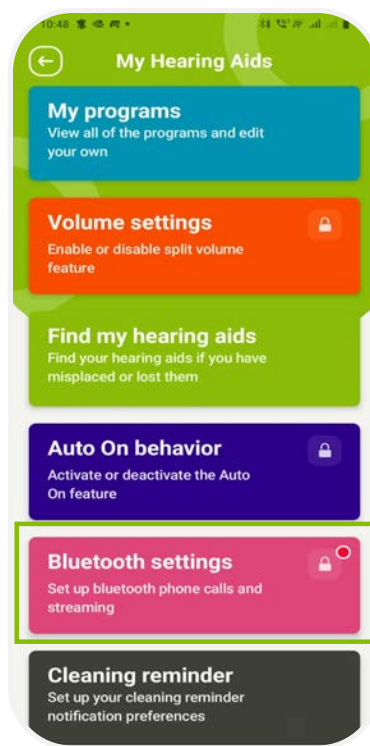
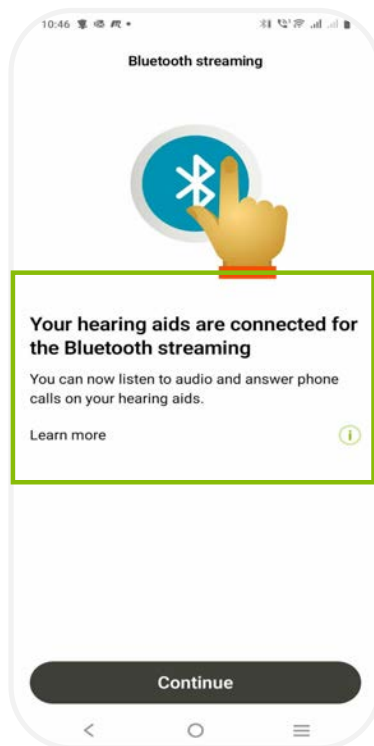


myPhonak 7.2 & myPhonak Junior 2.0 with everything else

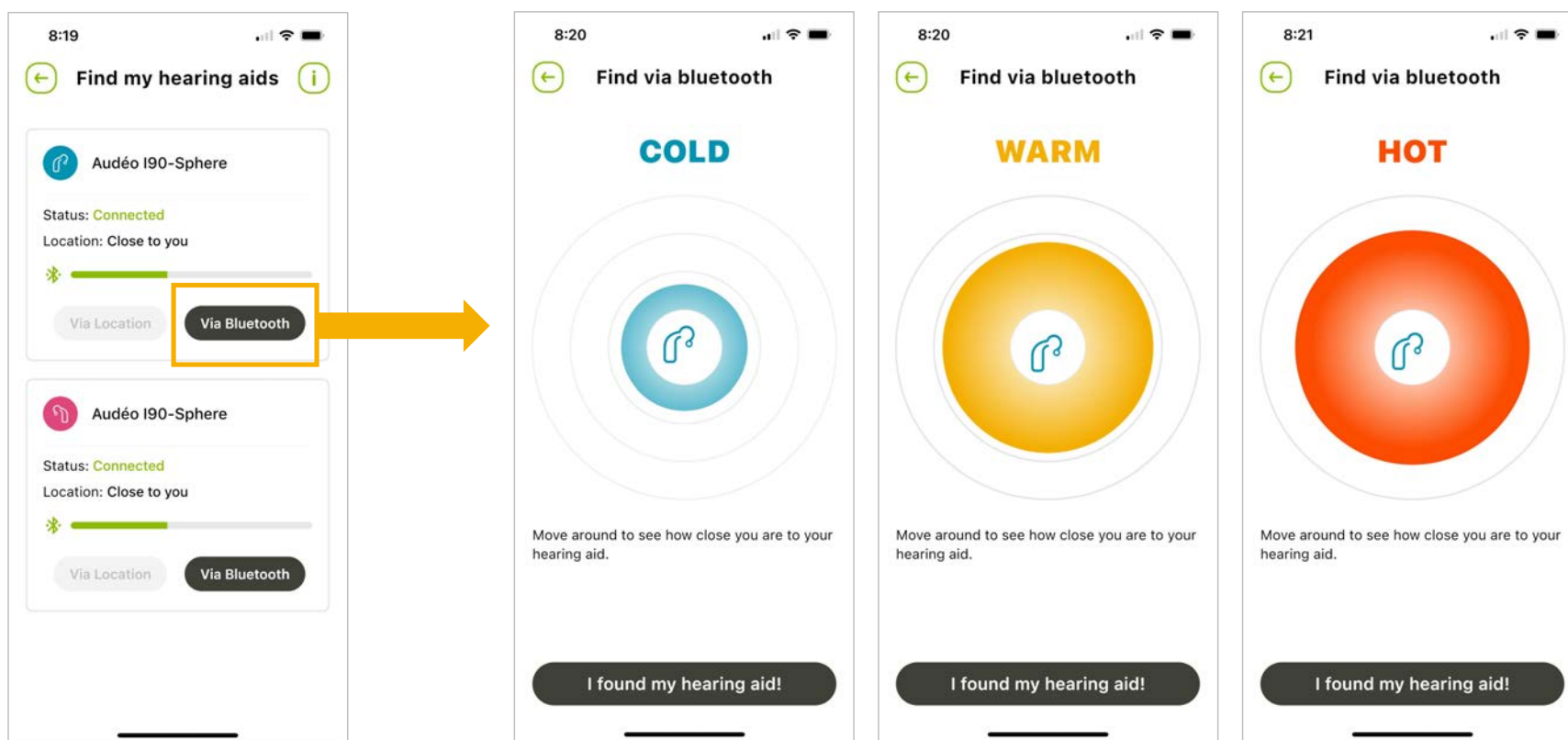


Still need to complete pairing in BT menu for calls/streaming (second step)

Infinio specific features



Find my Hearing aids

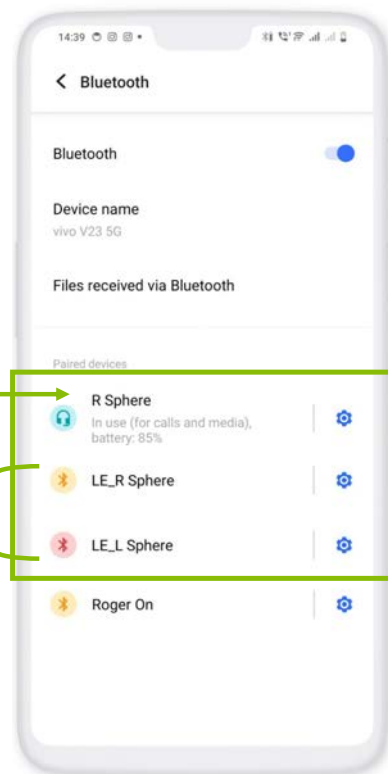


Visibility on the Bluetooth list

With earlier
devices

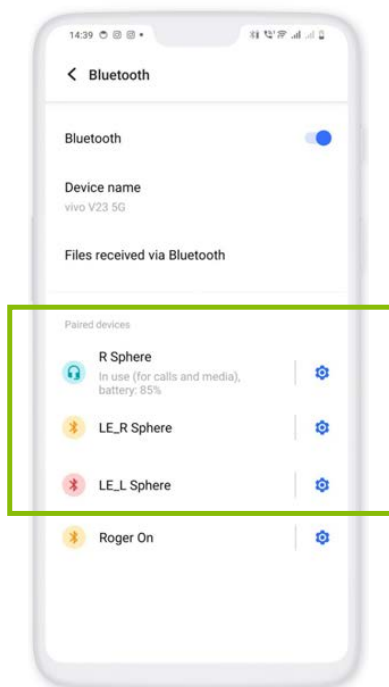
Phone calls/
audio streaming

myPhonak app

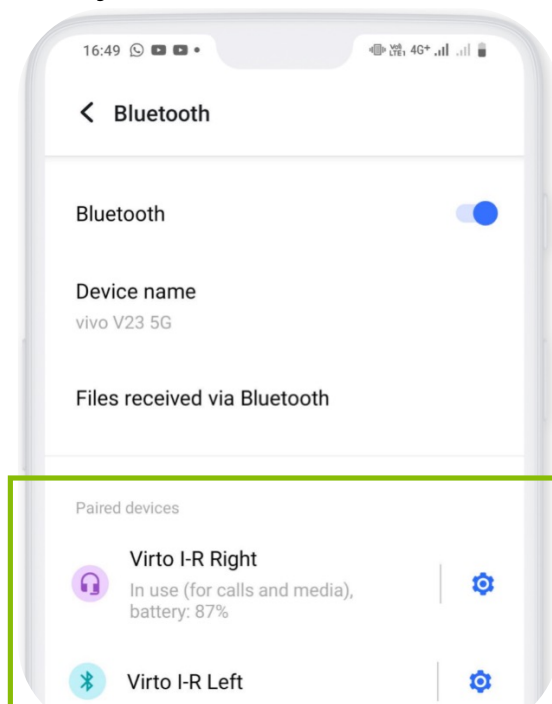


Visibility on the Bluetooth list

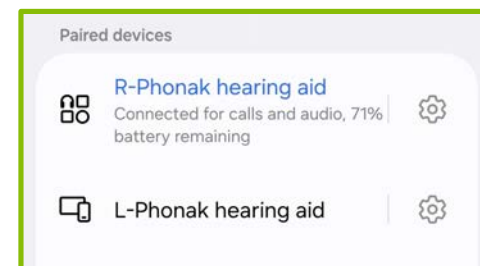
With earlier devices



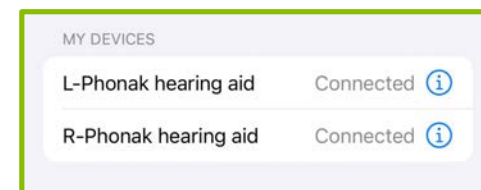
myPhonak 7.2 with Infinio Ultra & Virto I-R



Samsung



iPhone



Keeping kids included, engaged, and part of every conversation



BT Classic (HFP, A2DP)

8 pairings, 2 active connections
iPhone, Android, Chromebook, laptop, etc.

BT Low Energy

Noahlink wireless
myPhonak, myPhonak Junior, RemoteControl

AirStream Technology

PartnerMic, TV Connector (2)

Binaural VoiceStream Technology

StereoZoom 2.0, Speech in Car

Roger Technology

Roger On, Roger TouchScreen Mic, Roger
Multimedia Hub, Roger MultiTalker network



Easy
Easier maintenance.
For everyone. Phonak
does the work,
so you don't have to.

Addressing a high priority issue

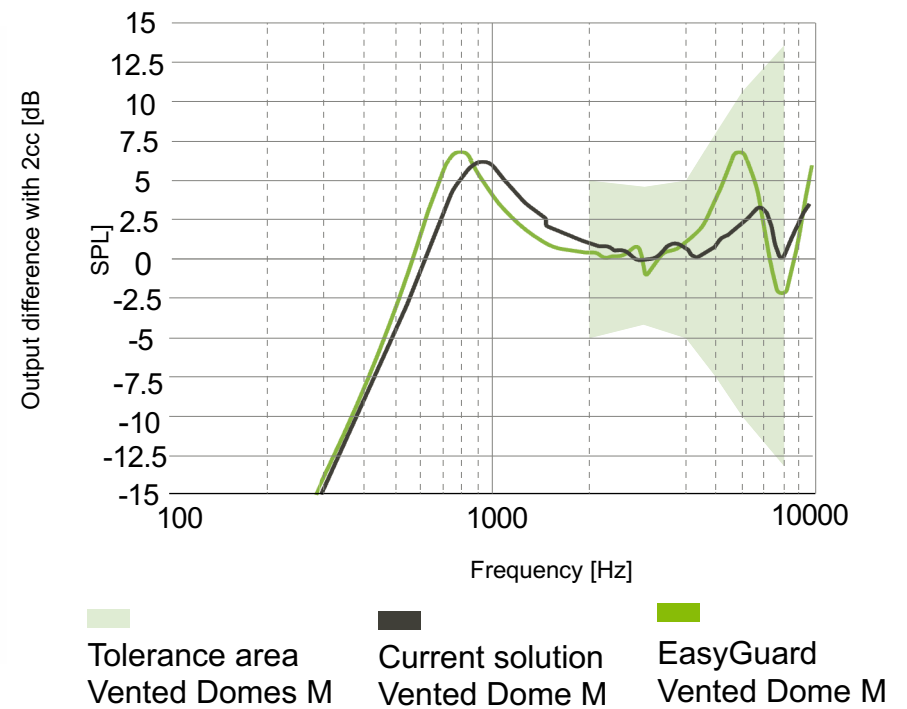
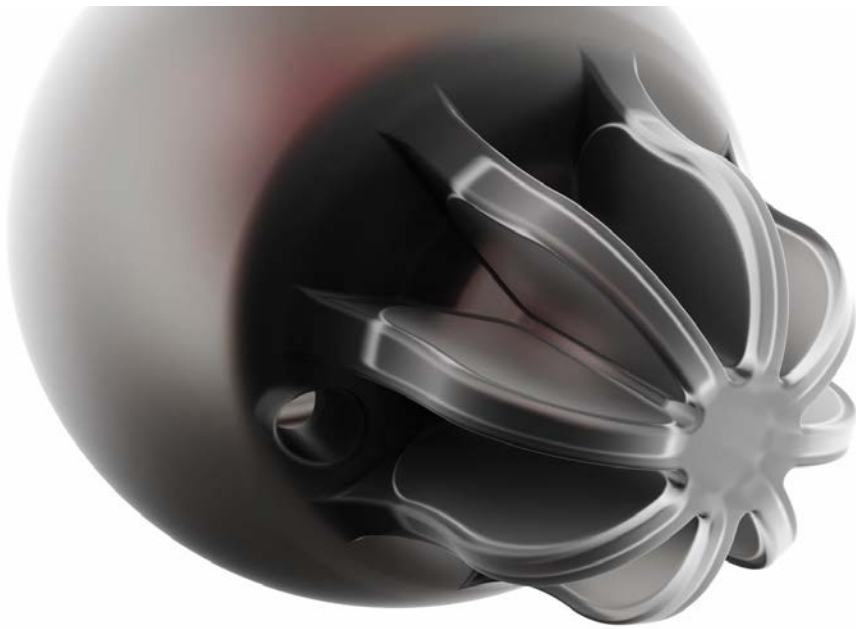
“



”



Sound-transmitting sealed membrane



EasyGuard: preferred & comfortable¹

89% of participants
favored EasyGuard or
had no preference



90% indicated comfort
levels matching or
exceeding their
traditional dome

1. Sanchez, C. et Adler M.. (2025) EasyGuard domes were preferred over traditional domes after a 4-month home trial with this new patented technology. Phonak Field Study News. Retrieved from <https://www.phonak.com/evidence>.

EasyGuard in the real world—after 4 months of use

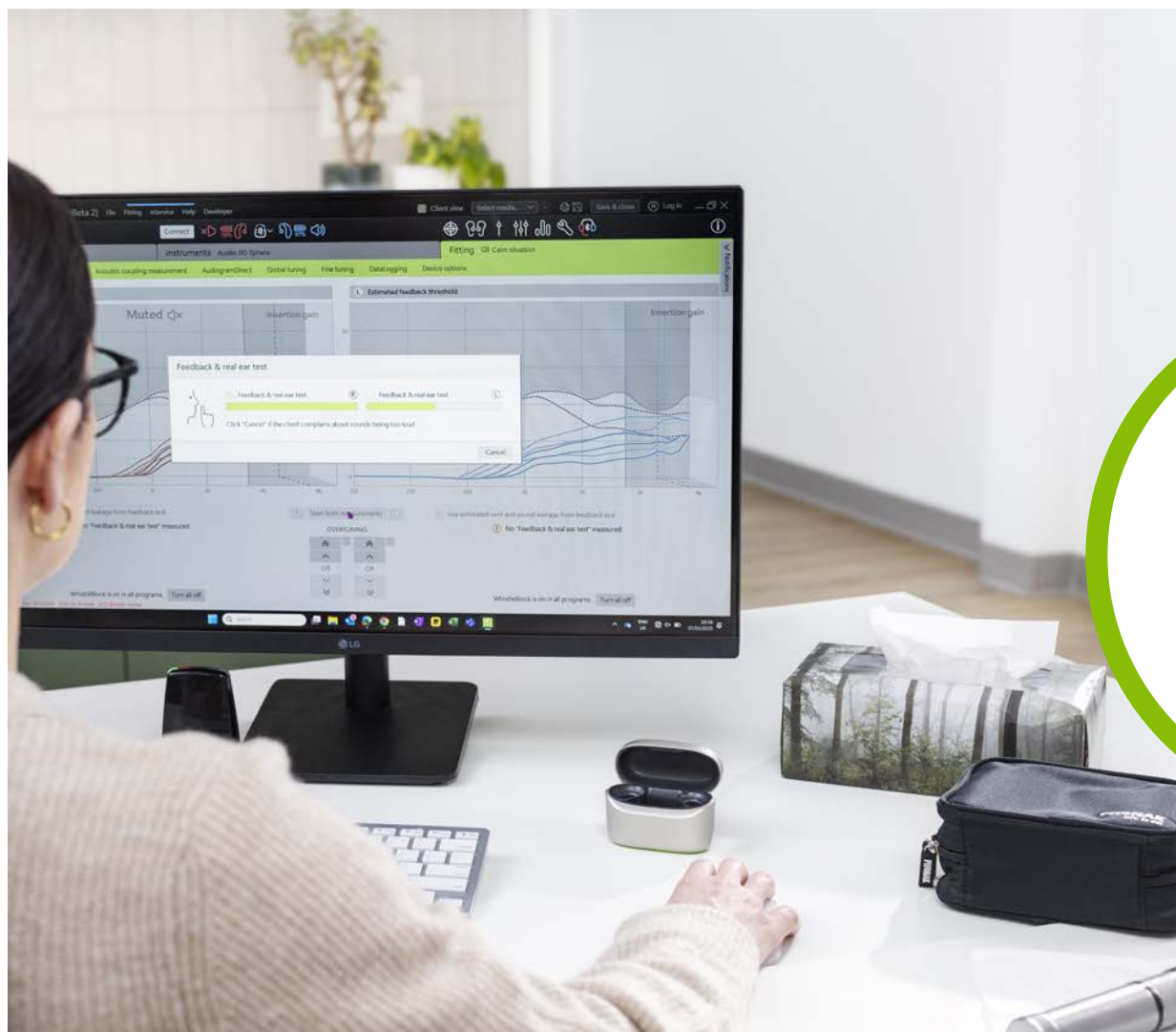


Outside

Inside



Pictures provided by PARC



In-clinic
efficiencies
don't stop
there!

Target efficiency improvements

Faster Feedback & real ear test

Binaural firmware updates

Setup personalization



Introducing our new feedback and real ear test

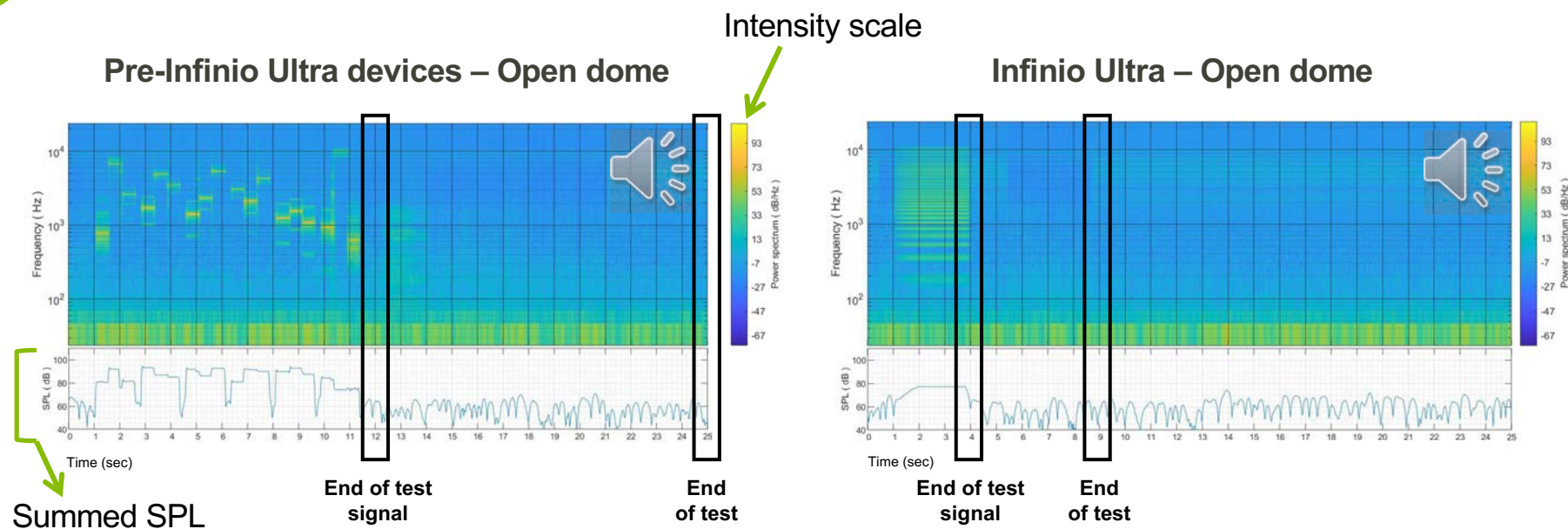
With Infinio Ultra, complete our feedback test in

under 13 seconds

Now **faster, softer** and
available via Remote Support!



Hear the difference



Essential that the acoustics in Target match what is on the device

Binaural firmware update is now 40% faster and easier than ever

Hearing aid update

Preparation → Selection → Update → Finish

Detecting...

Select up to 2 hearing aids to process them in parallel.

Name	Serial number	Current	Available	DETAILS
✓ L Audéo I90-Sphere	2428H070Y	1.0.13.0	1.1.9.0 7 min.	This update includes: • Infinio 2.0 performance upgrade • Spheric speech clarity 2.0: 30% more power efficient • AutoSense OS 7.0: 24% more precise adaptation • Feedback test: 70% faster and available via "Remote Support" • One-step Bluetooth pairing • Improved connectivity and streaming
✗ R Audéo I90-Sphere	2451H10ED	1.0.13.0	1.1.9.0 7 min.	

Estimated overall time: 7 min.

ⓘ If your hearing aids are not detected:
 • Turn them off and on again
 • Switch off Bluetooth on client's mobile phone or completely switch off the phone to disconnect the hearing aids from the mobile app

Press the button on the hearing aid to highlight it in the list.

Back Continue Cancel

Firmware updates

Configure trial hearing aid

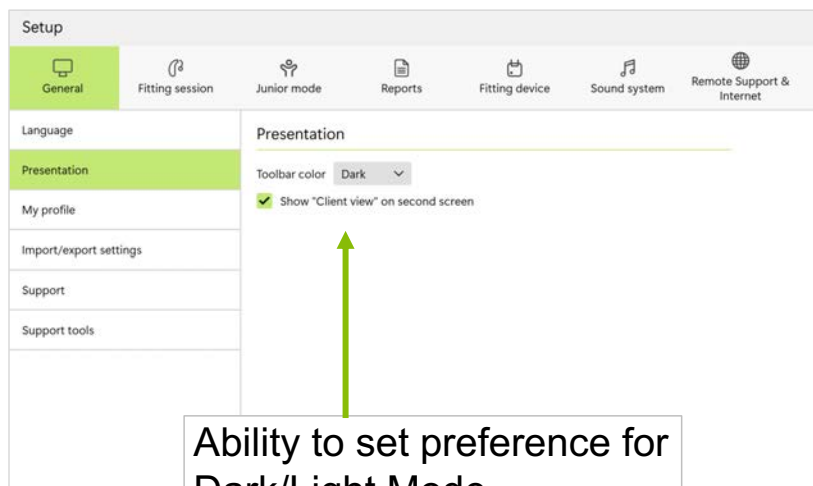
Preparation → Selection → Configure device → Finish

Ⓡ Audéo I90-R (SN: 2424H02T9) --> Audéo I50-R 25%

Ⓛ Audéo I90-R (SN: 2424H02T2) --> Audéo I50-R 34%

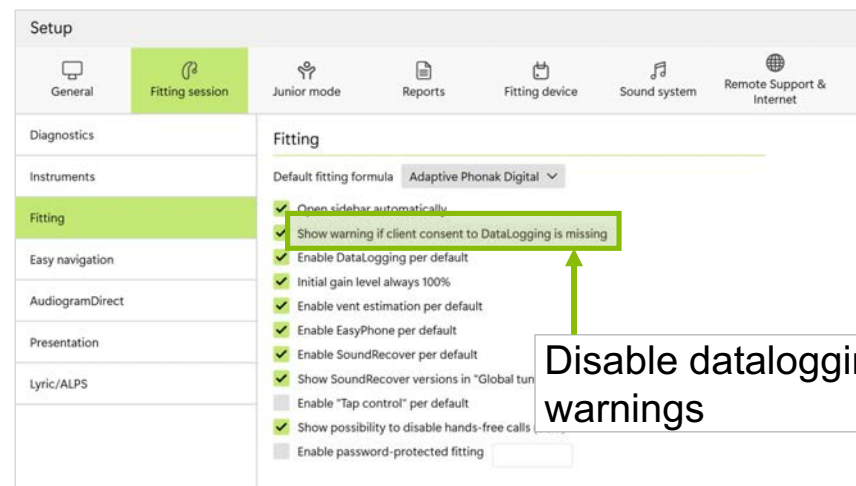
Reconfiguring Trial aid technology level

Personalizing the workflow the way you want

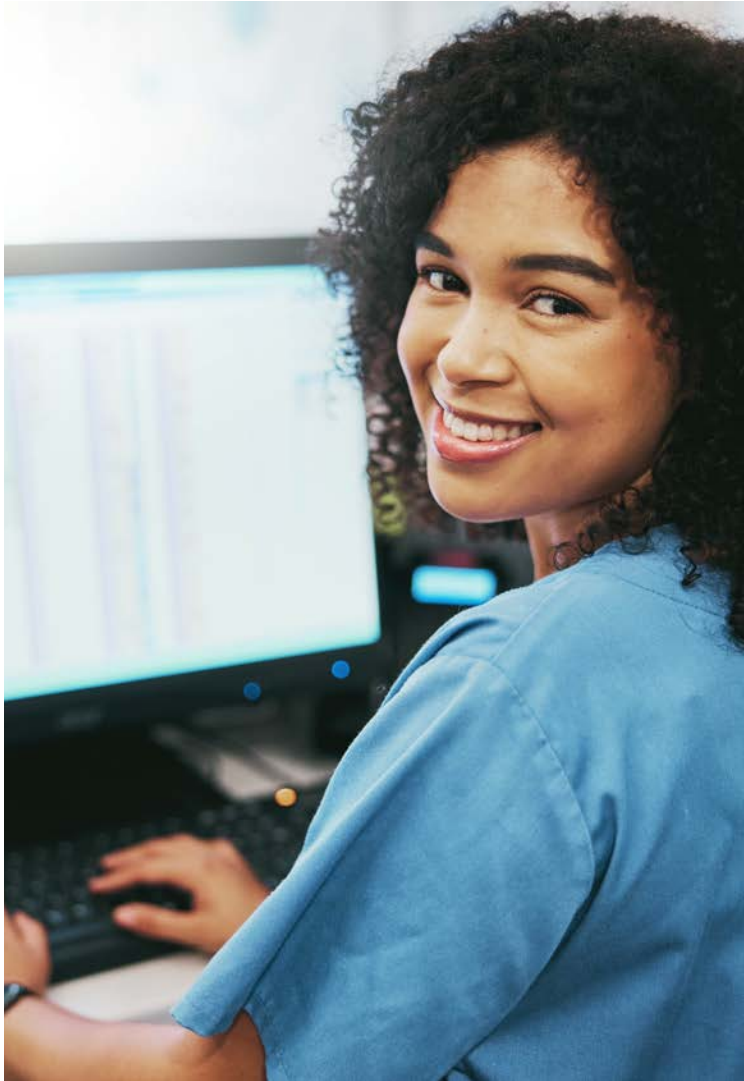


Ability to set preference for Dark/Light Mode

Note: Restart Target for change to take effect



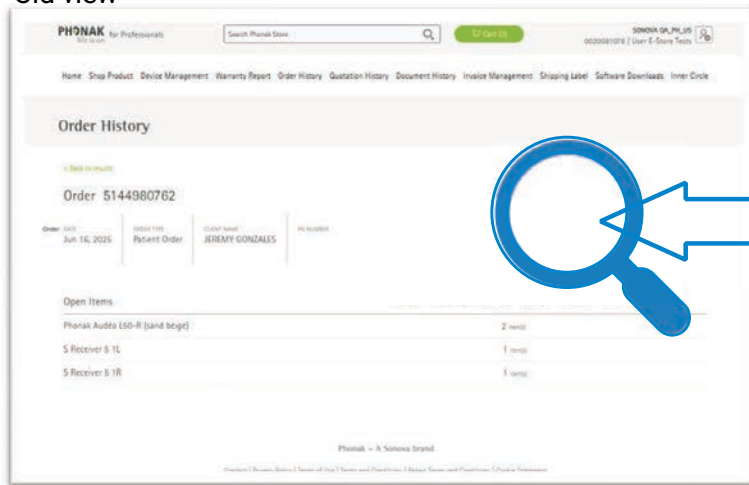
Disable datalogging warnings



Phonak Store improvements

e-Store enhancements to order visibility

Old view



Comprehensive order status visibility along process



UPDATE-Ordering custom earpieces

OLD

10 Choose options Advanced Mode ☐

Right Ear **Left Ear**

Material: Hollow

AOV Acoustically Optimized Venting: Venting

Removal Line - Transparent: None

Extra Retention in shell color: None

Hard Acrylic Lacquer: None

Color Dot: None

Easy-to-use
drop-down menus
for quicker ordering

Choose options

NEW

Material

Hollow

Wax System

CeruStop

Venting

AOV Acoustically Optimized Ven

Removal Line

Removal Line - Transparent

Canal Length

No Cut Required

Extra Retention in shell color

None

Shell Options

Hard Acrylic Lacquer

Color Dot

None



Some options are chargeable which will be reflected in the invoice only.

Infinio Ultra – The very best. For you.

Infinio Ultra Sphere

Infinio Ultra R



Clear

Any voice. Any direction. Always clear.



Adaptive

The best sound for you. No matter the situation. Anytime. Anywhere.



Connected

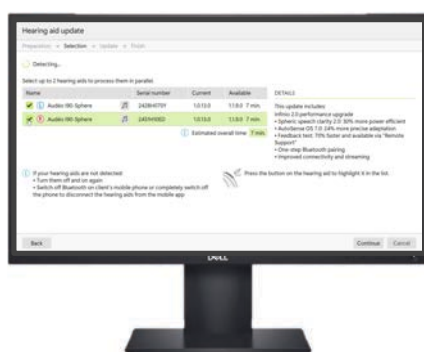
Always universal. Connectivity that works – no matter the device, no matter the moment.



Easy

Easier maintenance. For everyone. Phonak does the work, so you don't have to.

Existing Infinio wearers



Ultra is a performance upgrade
for any existing **Infinio R &
Infinio Sphere** wearers

Available for download
in **Target 11.1**

New Infinio Ultra fittings



P1-Sand Beige P4-Chestnut P5-Champagne
P6-Silver Gray P7-Graphite Gray

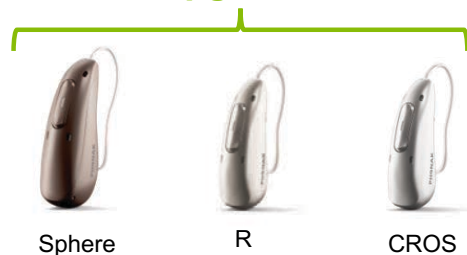


Infinio Ultra available in
P3 – Sandalwood
P8 – Velvet black

Unlock a world of new possibilities with Infinio

Audéo Infinio (Ultra)

Upgraded



SDS 6.0

New



Virto Infinio

Still new!



eSolutions

Updated



Virto I-R: AI-powered precision for truly customized hearing

Designed for simple, intuitive use

- **NEW** Rechargeable
- **NEW** Charger Virto I proprietary snap and charge system for secure charging
- RogerDirect compatibility
- Wireless BT compatibility
- Replaceable mic protectors



RightFit customization blends convenience and performance

- Acoustically Optimized Vent (AOV)
- **NEW** Acoustically Optimized Receiver (AOR)
- **NEW** RightFit as-small-as-possible modeling
- Biometric Calibration

What's new

	Infinio Ultra Sphere	Infinio Ultra R	Virto R Infinio
Spheric Speech Clarity 2.0 now 30% more efficient	●		
ASOS 7.0 trained with 18x more sound samples to be 24% more accurate	●	●	●
SmartSpeech Technology delivers exceptional sound quality	●	●	●
1-step pairing process for smartphones/tablets	●	●	●
myPhonak Junior compatibility	●	●	
EasyGuard reduces the need for wax filter changes	●	●	
Softer & faster feedback test	●	●	
Binaural firmware updates	●	●	●



Together,
we change lives

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