Opening the
next chapter
in Paradise.

A solution for everyone

PHONAK
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Protection | **Mild-moderate** | **Severe-profound / specific solutions** | **Digital ecosystem**

Serenity Choice

Lyric

Virto

Audéo

Roger

Naída

AB CI with
Phonak technology

myPhonak
Junior app

Sky

CROS

Personalized digital,
e-Audiology solutions

Phonak
CROS P

What are the challenges of UHL?

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Audiological[6, 8-10]

- **Reduced** awareness
- **Difficulties** hearing in noise
- **Reduced** localization

Psychosocial[7,11-13]

- **Reduced** well-being
- **Reduced** quality of life
- **Increased** loneliness

6 Snapp H. A., Hoffer M. E., Liu X., Rajguru S. M. (2017a). Effectiveness in Rehabilitation of Current Wireless CROS Technology in Experienced Bone-Anchored Implant Users. Otol Neurotol. 38 (10): 1397-1404.
7 Leterme G., Bernardeschi D., Bensemman A., Coudert C., Portal J.J., Ferrary E., Sterkers O., Vicaut E., Frachet B., Bozorg Grayeli A. (2015). Contralateral routing of signal hearing aid versus transcutaneous bone conduction in single-sided deafness. Audiology and Neurotology. 20 (4):251-60.
8. Picou E. M., Davis H., Lewis D., Tharpe A.M. (2020). Contralateral Routing of Signal Systems Can Improve Speech Recognition and Comprehension in Dynamic Classrooms. Journal of Speech Language and Hearing Research. 63 (7) : 2468-2482.
9. Lieu J.E., Karzon R.K., Ead B., Tye-Murray N. (2013.) Do audiologic characteristics predict outcomes in children with unilateral hearing loss? Otol Neurotol 34:1703–1710.
10. McKay, S. (2010). Audiological Management of children with single-sided deafness. Seminars in Hearing Vol. 31 (4).
11. Lucas, L., Roulla, K. & Kitterick, P.D. (2017). The psychological and social consequences of single-sided deafness in adulthood. International Journal of Audiology. 1-9.
12. Wie O.B., Pripp A.H., Tvete O. (2010). Unilateral deafness in adults: effects on communication and social interaction. Ann Otol Rhinol Laryngol. 119: 772–781.
13. Pierzycki, R., Edmondson-Jones, M., Dawes, P., Munro, K. J., Moore, D. R., & Kitterick, P. T. (2020) Associations Between Hearing Health and Well-Being in Unilateral Hearing Impairment. Ear and Hearing.

How can CROS systems help?

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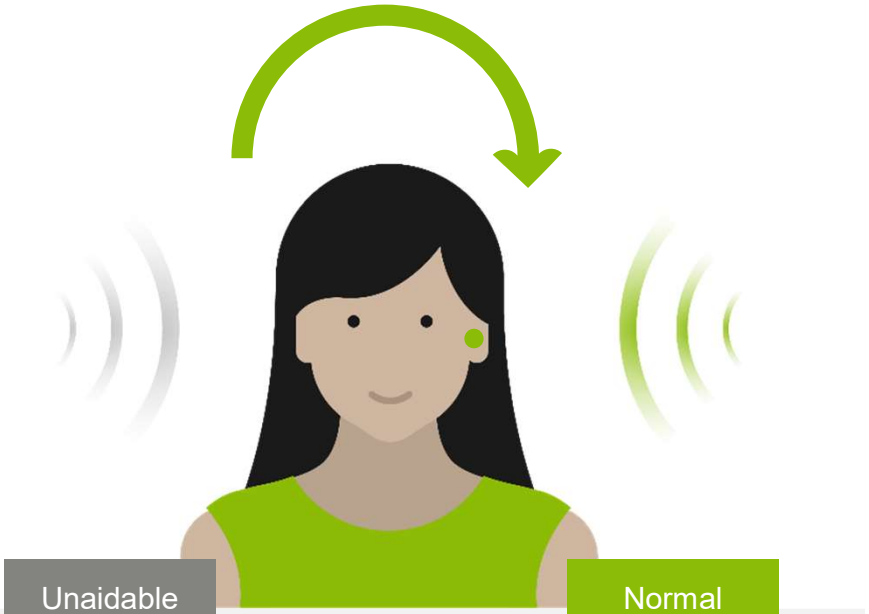

Phonak CROS P

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- Improved speech understanding in noisy environments*[16]
- Follow conversations wherever they are coming from*[16]
- Proven Paradise performance
- Made for all connectivity to smartphones, TV, Roger™ and more
- Easy to use and rechargeable

16. Stewart, E. & Woodward, J. (2021). Out of the (Head) Shadow: A Systematic Review of CROS/BiCROS Literature. Manuscript in press.
    * when using a CROS system compared to unaided

Highlights of the CROS P system

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CROS P compatibility

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CROS P-R
Audeo P-R Audeo P-RT

CROS P-13
Audeo P-13

CROS P Acoustic Coupling & SDS 4.0

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	Domes	Slim Tip	CROS Tip	CROS Tube	Receivers*
Phonak CROS P-R 	✓	✓	✓	✓	N/A
Phonak CROS P-13 					

*SDS 4.0 receivers can be connected to a CROS P device, but they will not produce any acoustical output.

CROS P battery life

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CROS P-R

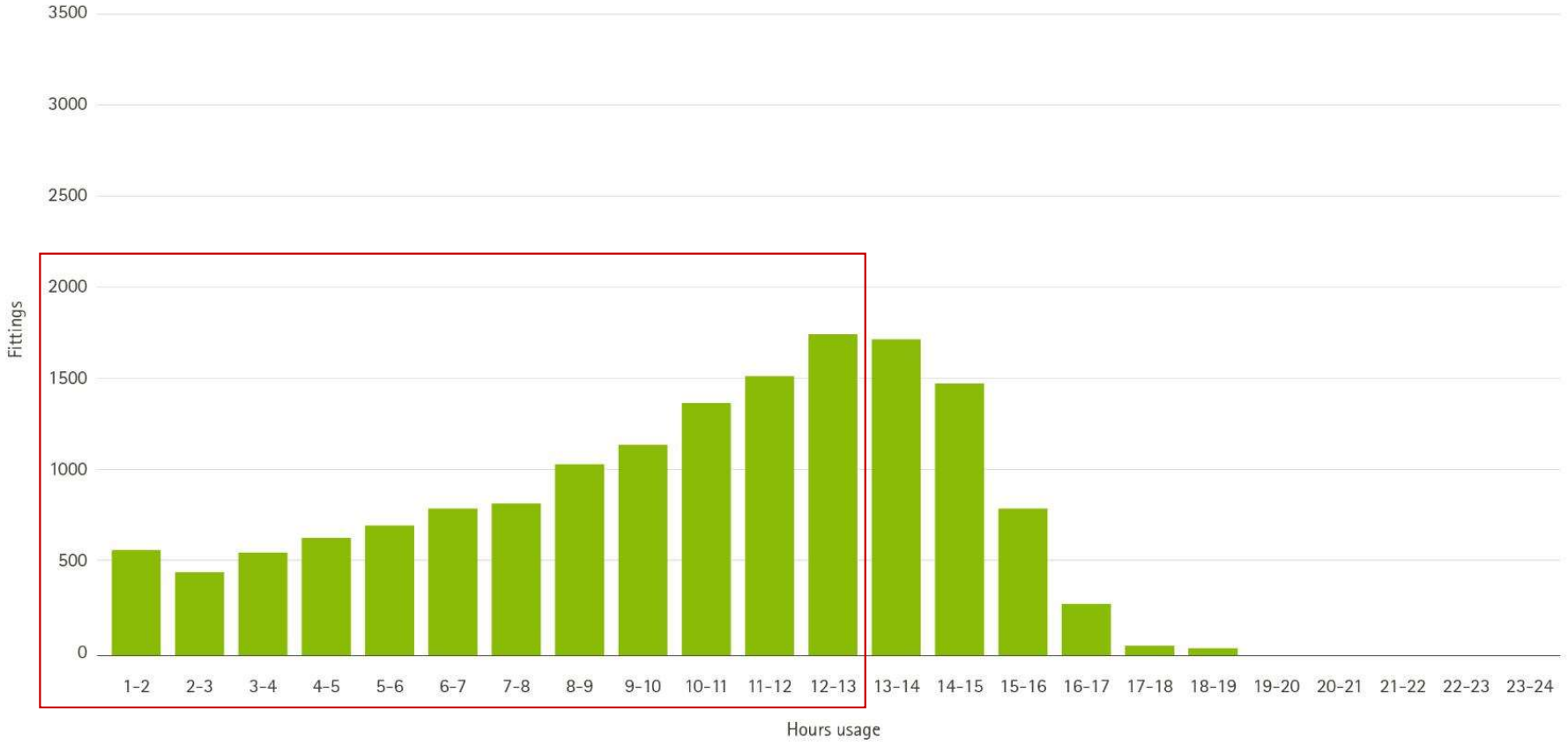
	Use Case	Battery life in hours
CROS P-R	Constant CROS streaming	12.5 hours
Audeo P-R/RT	• **4 hours** of TV • **2 hours** of phoning • **2 hours** of media streaming • **20 minutes** speech in loud noise • **CROS streaming** for the rest of the time	12.5 hours

CROS P-13

	Battery life in days (based on 16 hours use/day)	Battery life in hours
CROS P-13	6.73	107.6
Audéo P-13	4.48	71.6

Expected battery life depends on active features, wireless accessory use, hearing loss, battery age, and listening environment.

Average CROS wearing time



CROS P Portfolio

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CROS P-13

CROS P-R

Same hardware, colors and charging options **as Audéo Paradise**

Charger Case Combi
and Power Pack

Charge and Care

Available in:

NEW

Sand Beige | Beige | Sandalwood | Chestnut | Champagne | Silver Gray | Graphite Gray | Velvet Black

Target fitting software
Key fitting considerations

Firmware update availability

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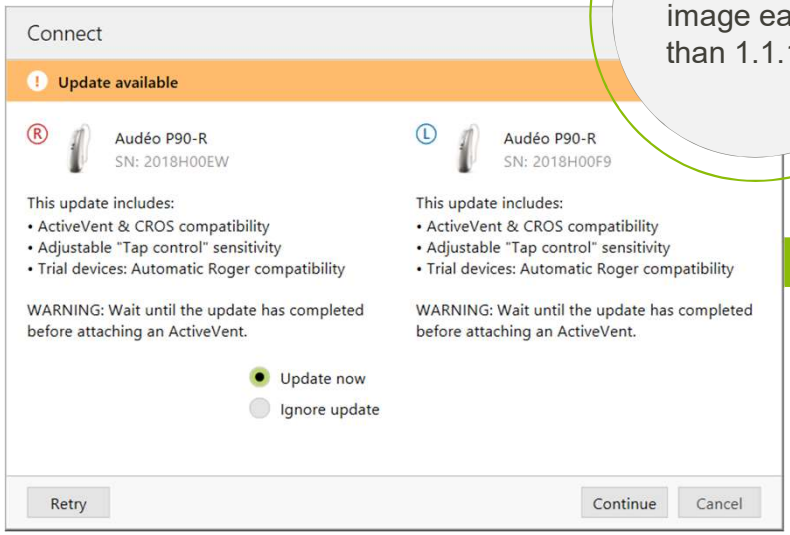
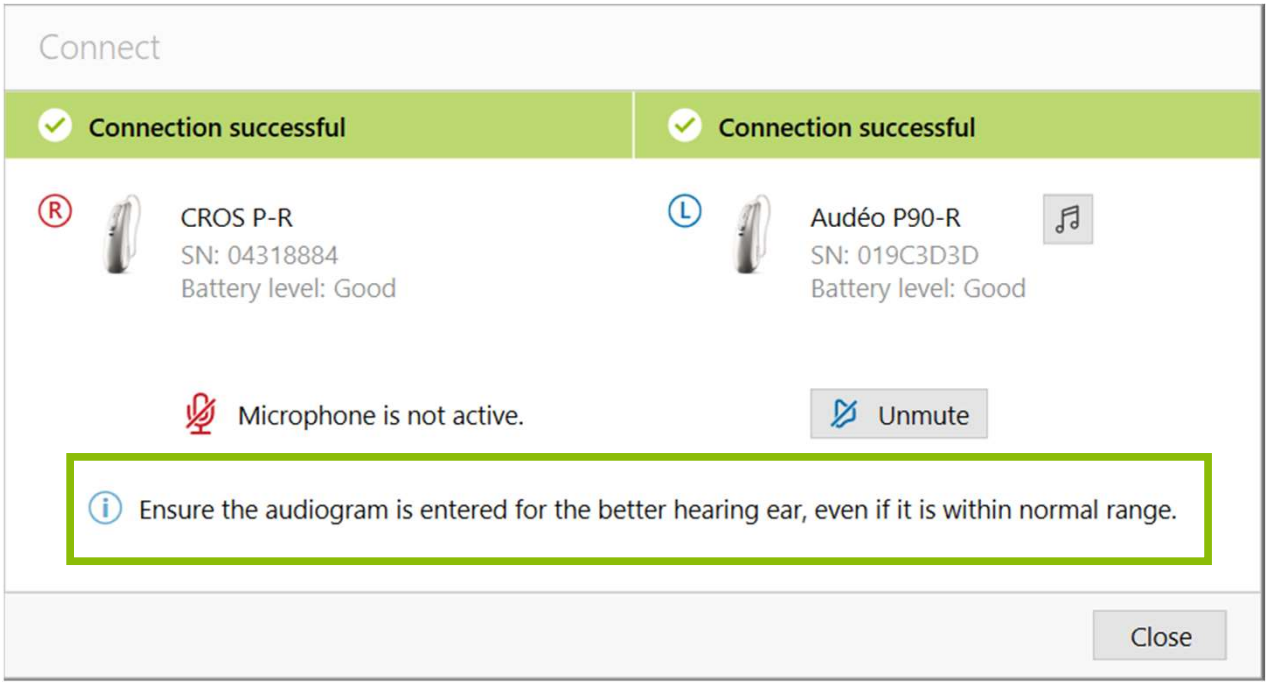


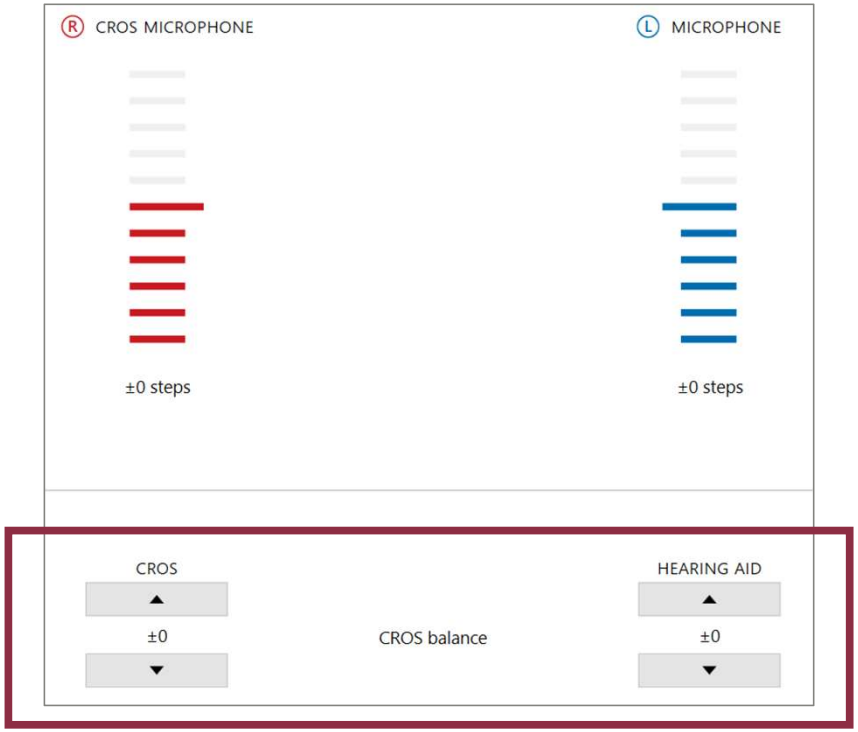
Hearing aid image earlier than 1.1.13.0

Audéo P-R | Audéo P-RT | Audéo P-312 | Audéo P-13T | Trial

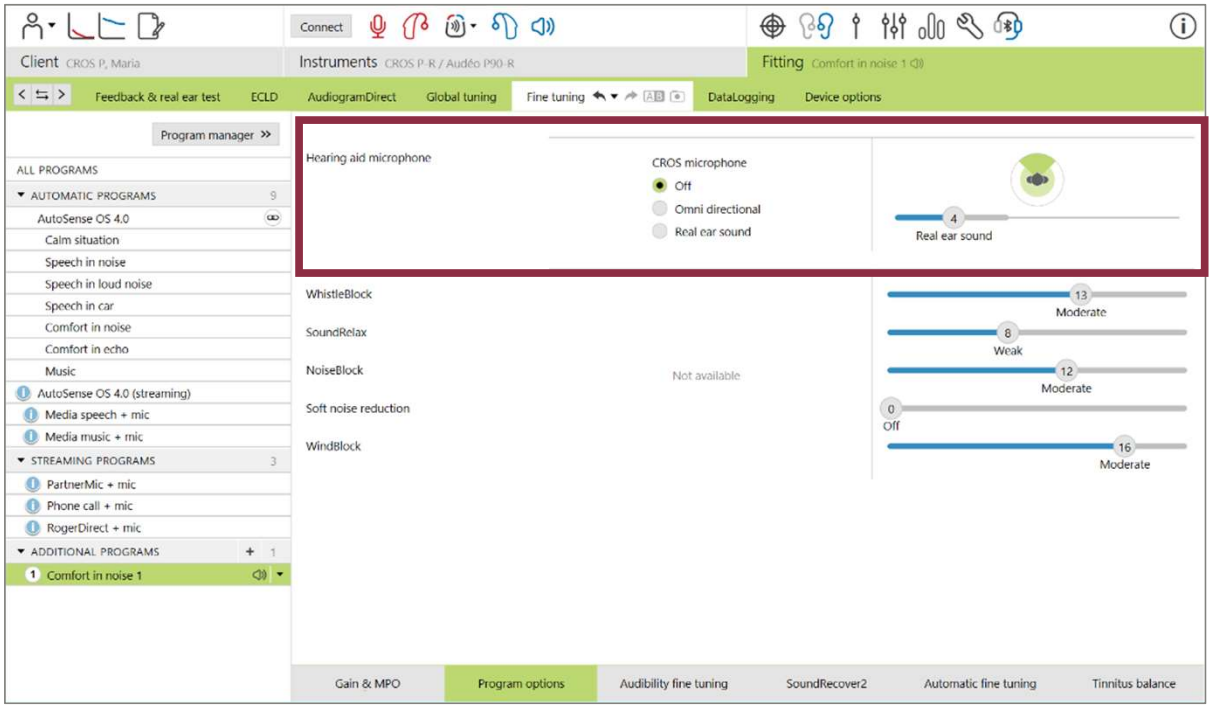
Audiogram entry



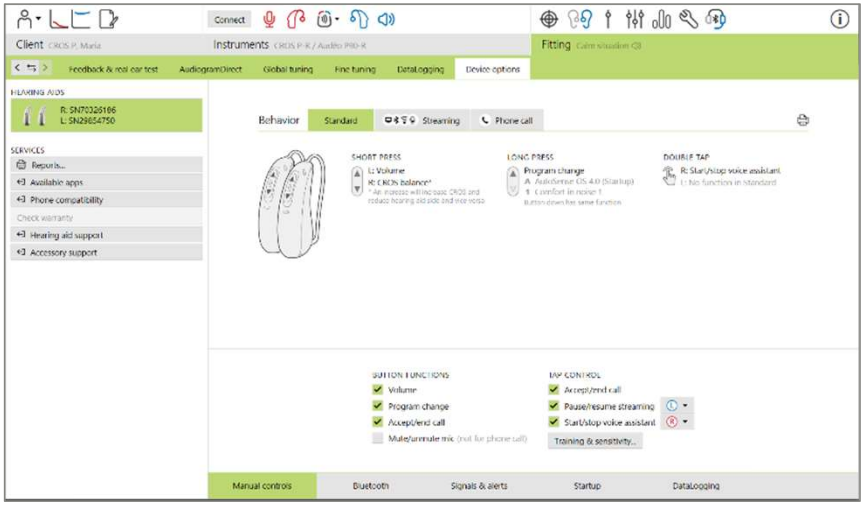
CROS Balance in Target

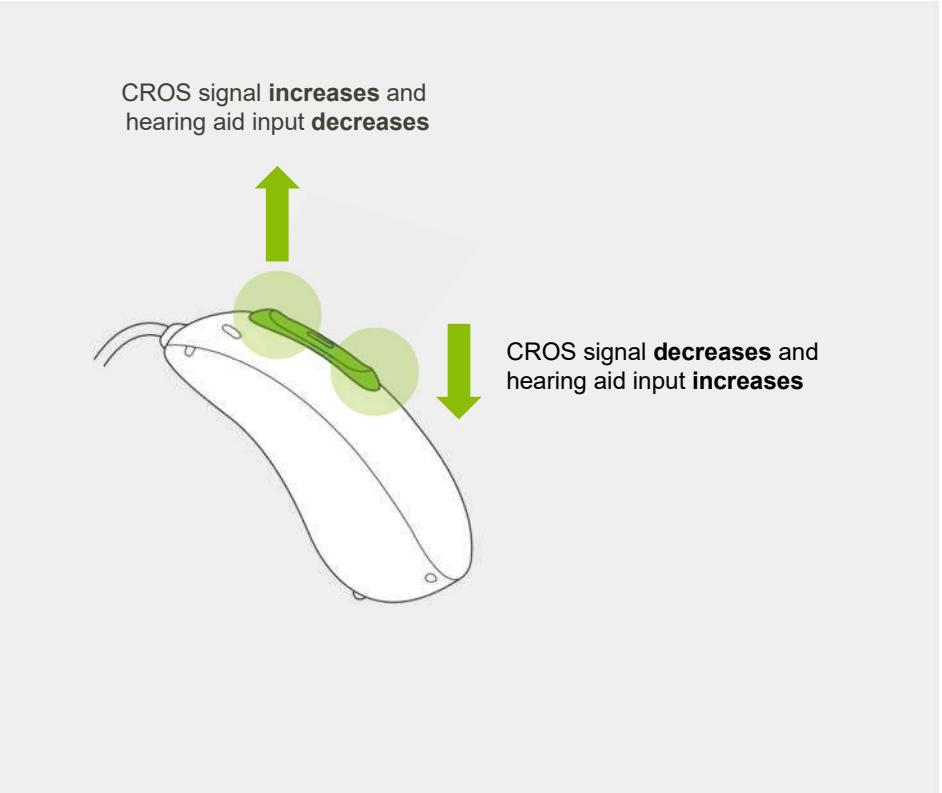


Program options

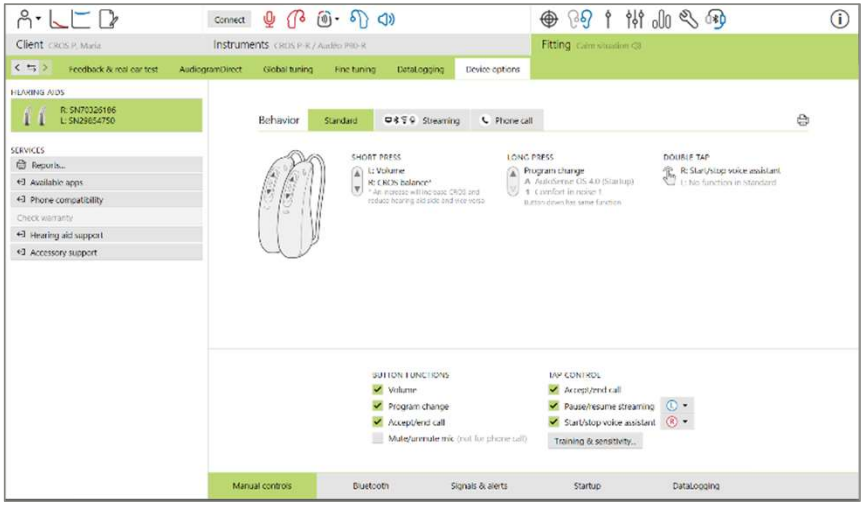


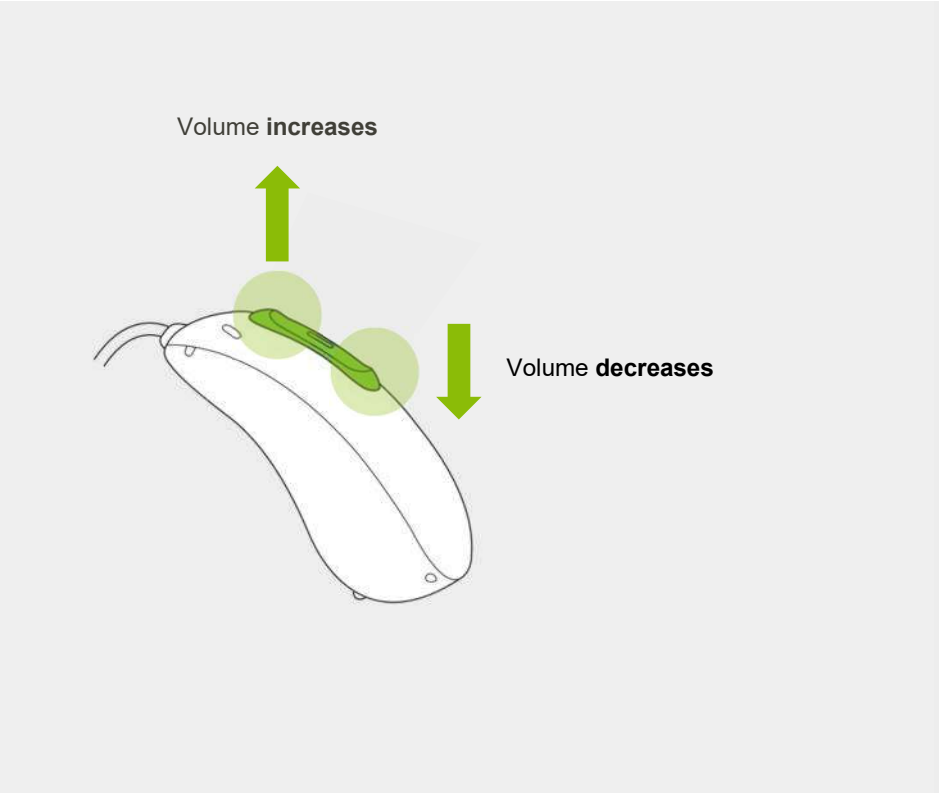
Multifunction button: CROS P – CROS Balance





Multifunction button: Audéo P – Volume





Phonak CROS P

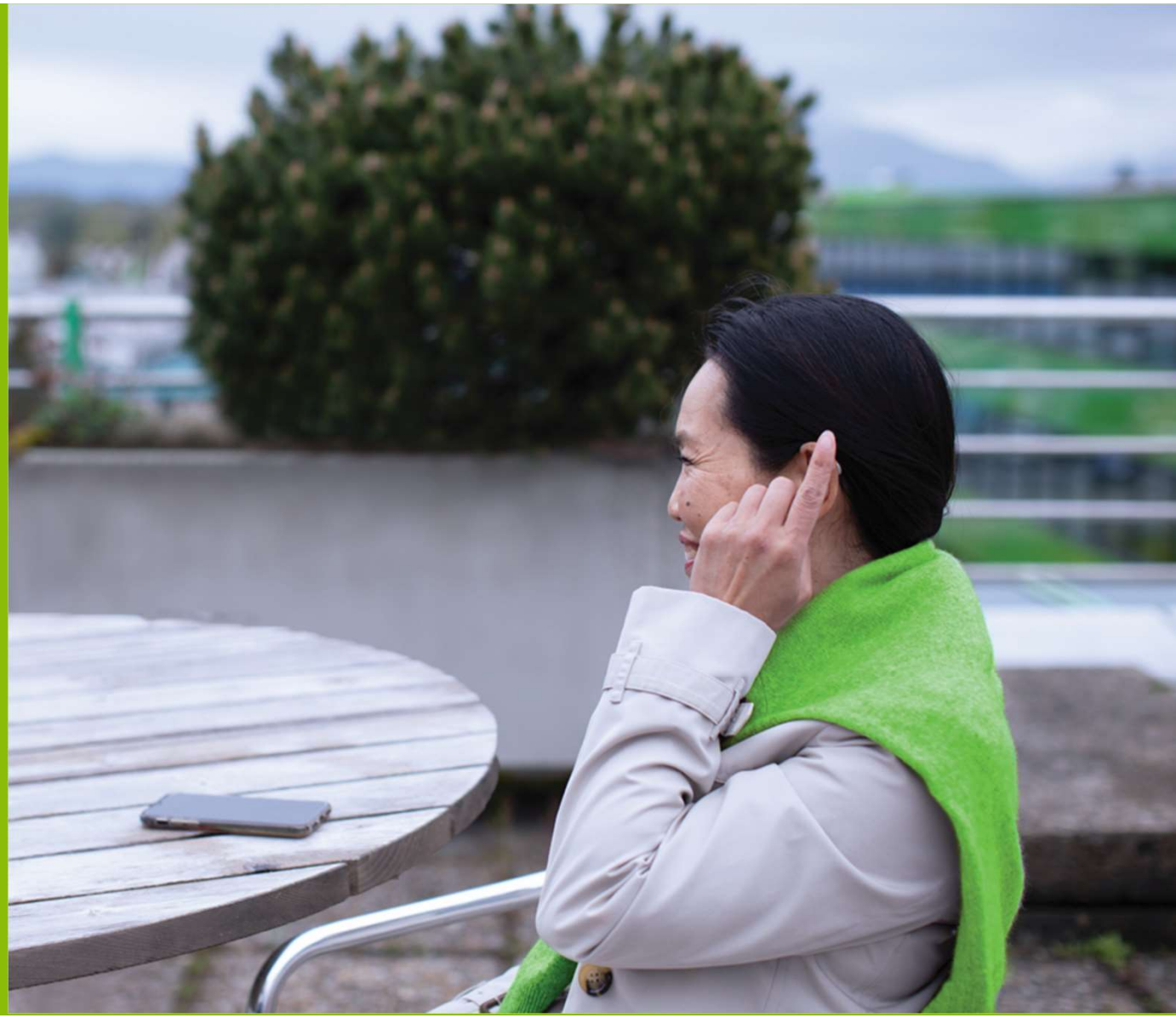
Rediscover the wonder of sound
with CROS P

1. Improved speech understanding in noisy environments*[1]
2. Follow conversations wherever they are coming from*[1]
3. Proven Paradise performance
4. Universal connectivity to smartphones, TV, Roger and more
5. Easy to use and rechargeable

1. Stewart, E. & Woodward, J. (2021). Out of the (Head) Shadow: A Systematic Review of CROS/BiCROS Literature. Manuscript in press.
* when using a CROS system compared to unaided

CROS P-R is powered by a lithium-ion rechargeable battery

myPhonak app
&
Target updates



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Simplified Remote Support

All New Onboarding Experience

myPhonak Memory

Solving Complaints!

Tap Control Sensitivity & Cleaning Reminders

New Personalization

The next chapter in Remote Support

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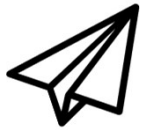
Invite Process (old)

Fit Hearing Aids in Office → Send Invite Code via Email → Patient Receives Email → Patient Registers myPhonak Account → Patient Accepts Code → Launch Remote Support


Unlocking Remote Support (new process)

Fit Hearing Aids in Office → Pair Hearing aids to app → Launch Remote Support

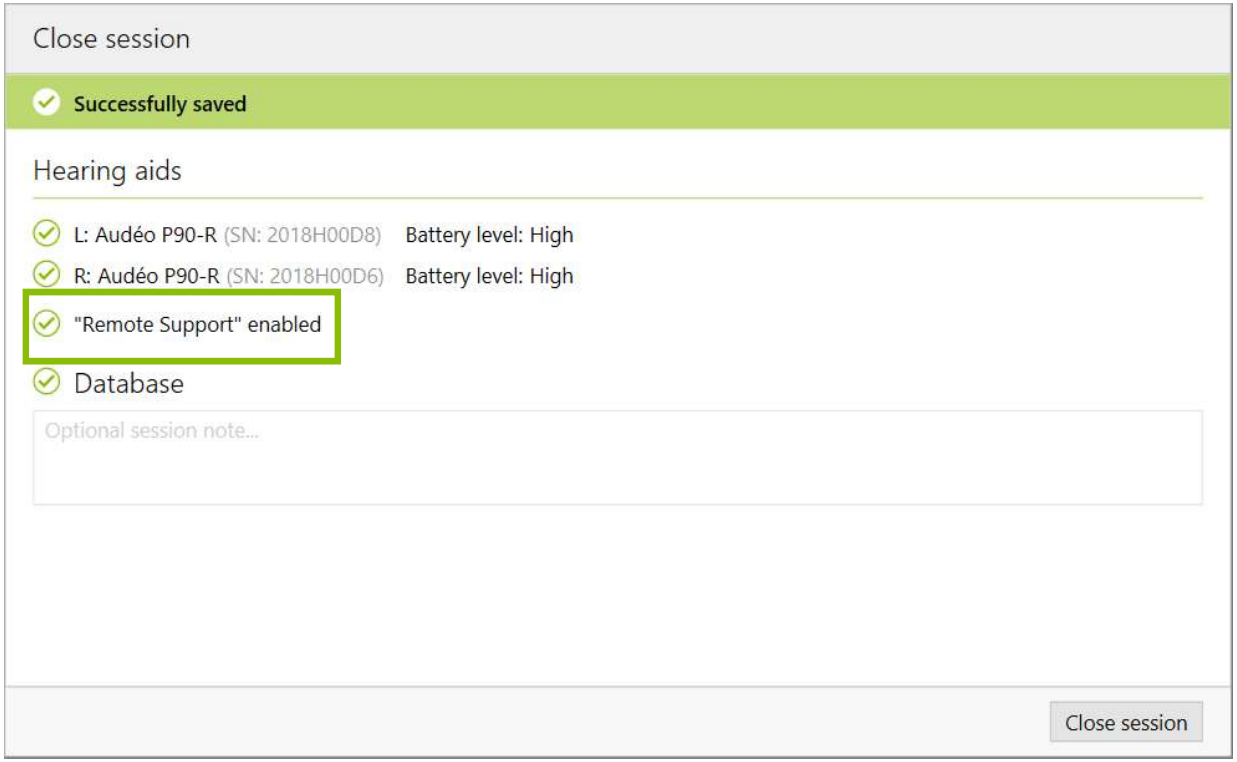


It's that simple!

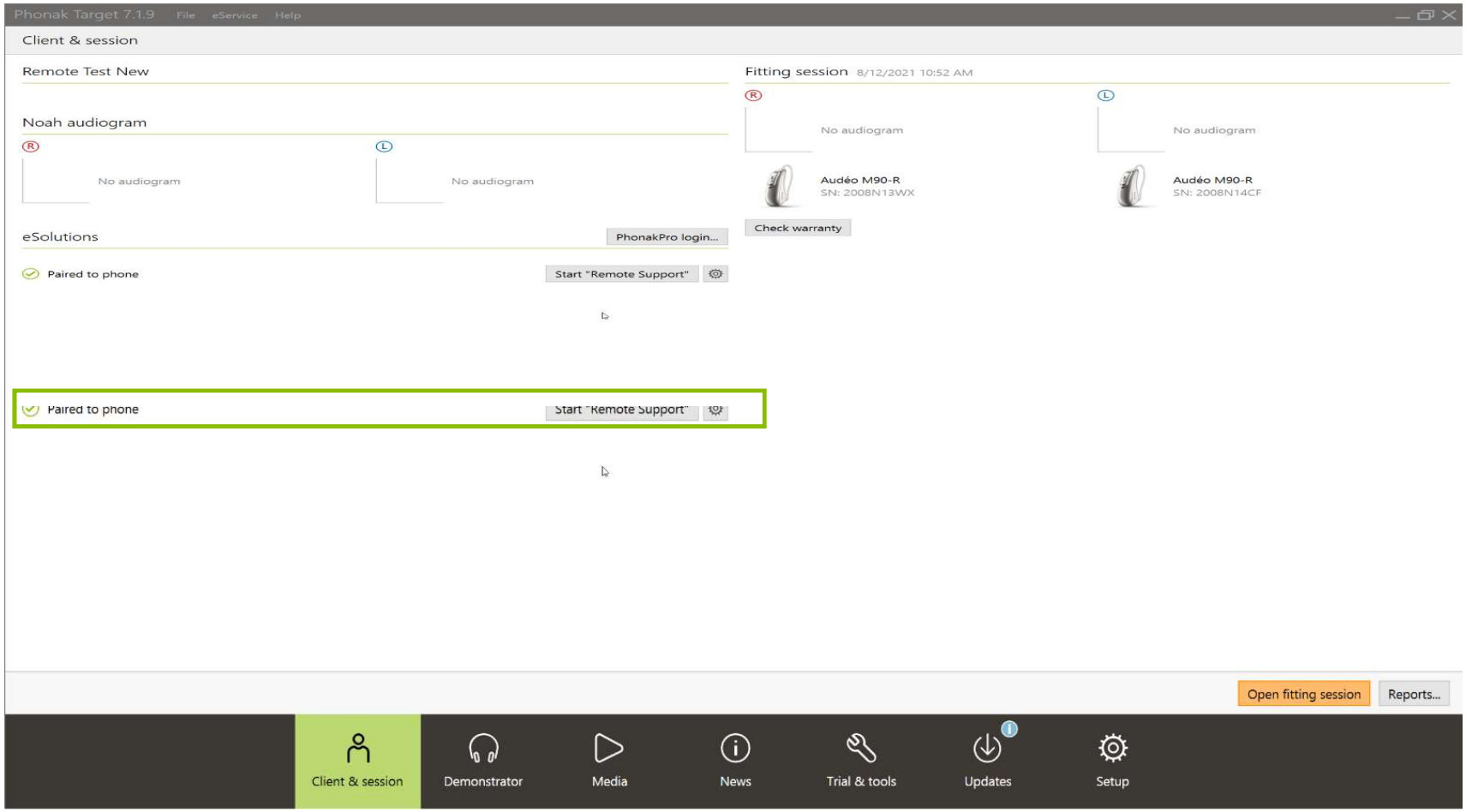
Quick Tutorial – How to Unlock Remote Support

Switching from the old process to the new process is easy and automatic

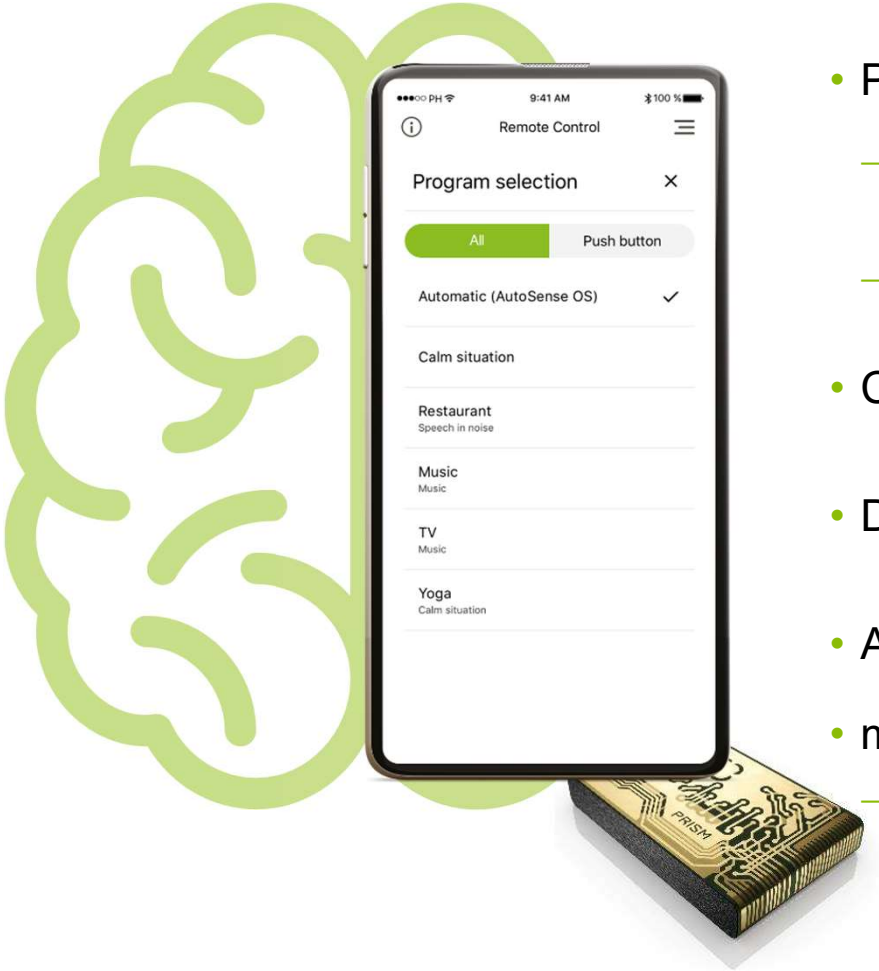
1. Connect hearing aids to Target via Remote Support or in-person
2. Save and close the session
3. Remote Support is now automatically paired to the Target fitting file



Unlocked Remote Support Ready – New Patient

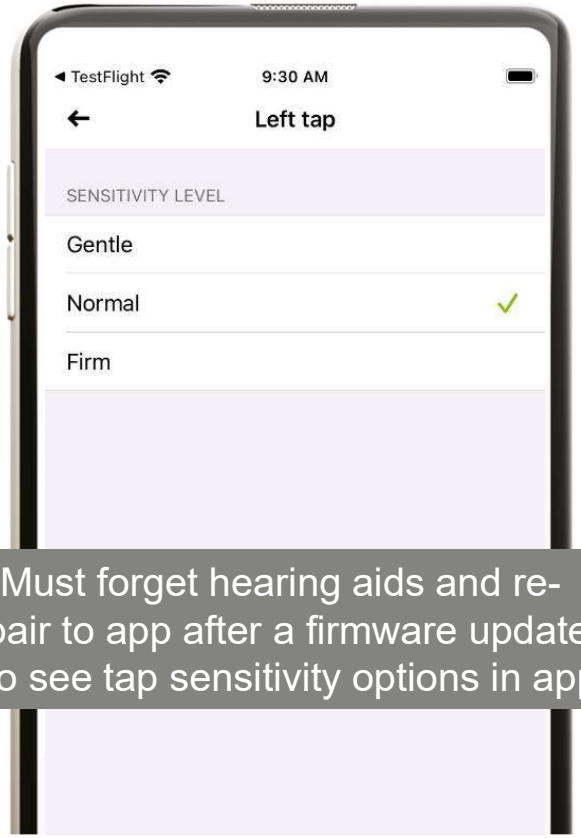


myPhonak Memory

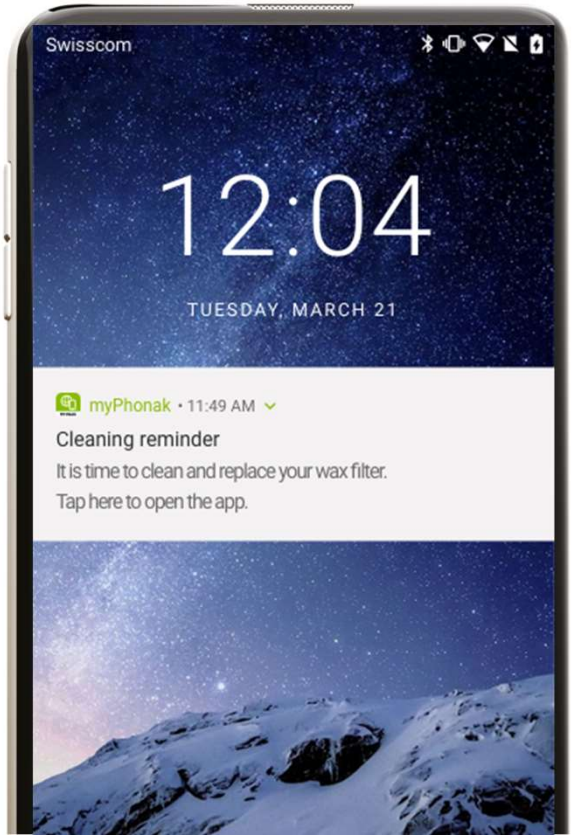


- Persistent Custom Programs
  - No more reverting to Autosense OS after Bluetooth sounds
  - Access from multiple devices
- Customize and rename up to 10 programs
- Delete or rename app pre-set programs
- Access custom programs via the push button
- myPhonak Memory is for Paradise devices only
  - Enabled by the PRISM™ chip technology

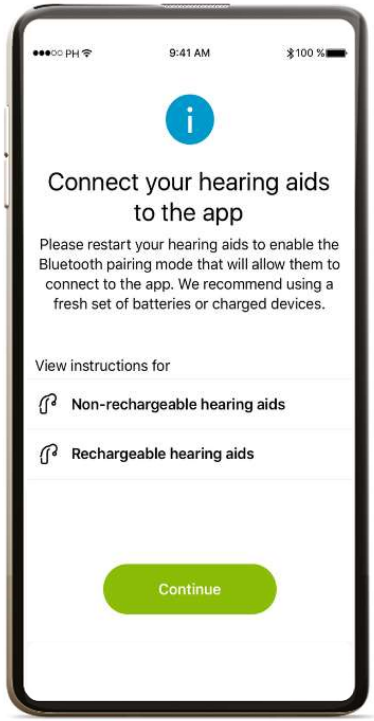
Tap Control Sensitivity* & Cleaning Reminder

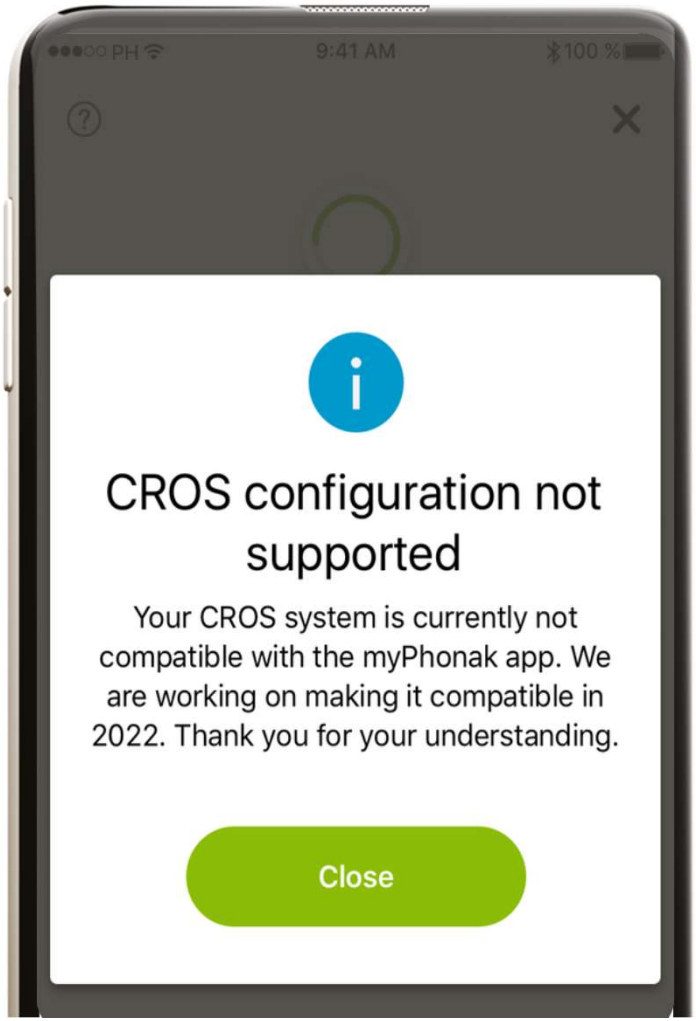


*Must forget hearing aids and re-pair to app after a firmware update to see tap sensitivity options in app



CROS P and myPhonak app compatibility





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Firmware update

- ActiveVent compatibility
- CROS P compatibility
- Tap Control sensitivity adjustments
- Improved fitting while charging
- Roger™ receivers in Audéo P Trial

Personalize Tap Control sensitivity

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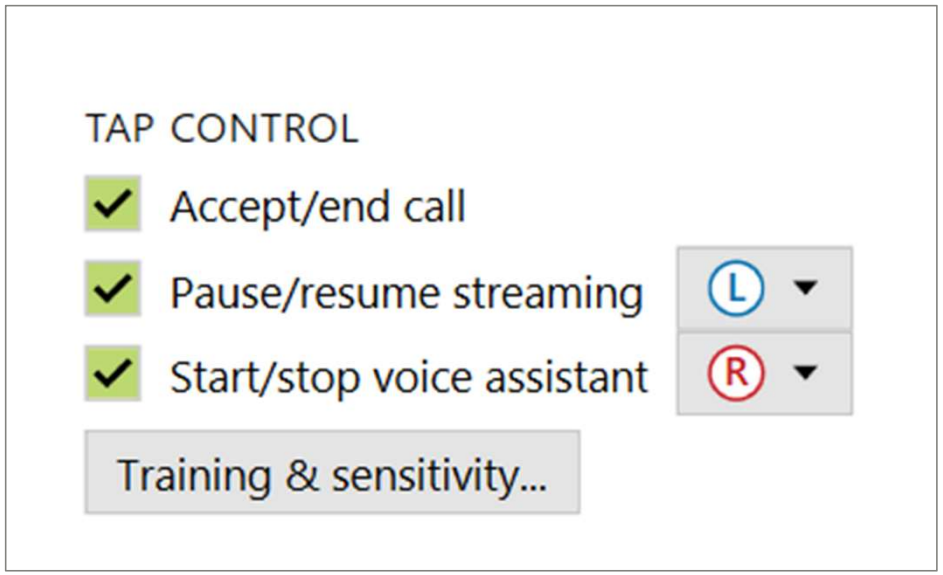

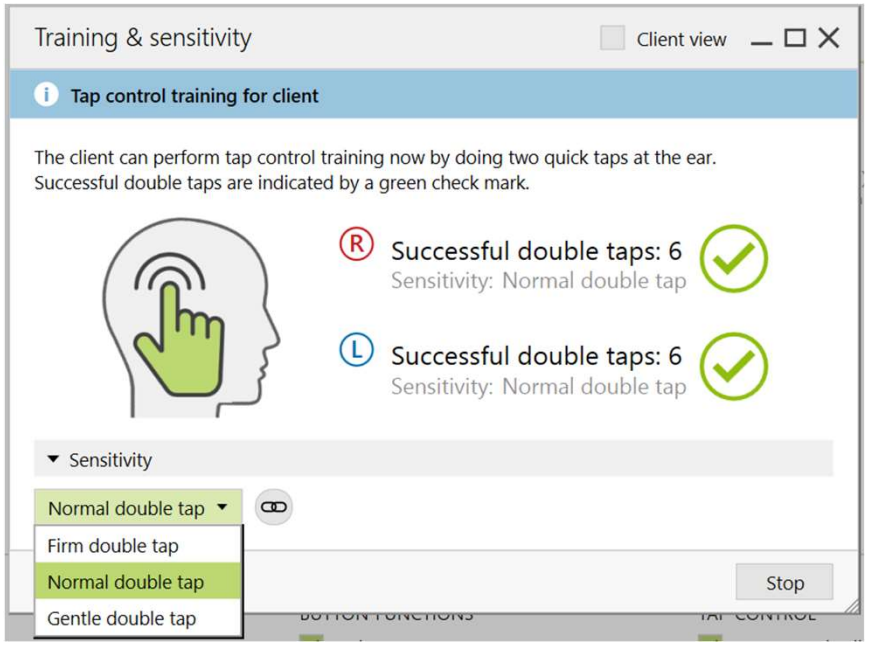

Audéo P Trial and Roger

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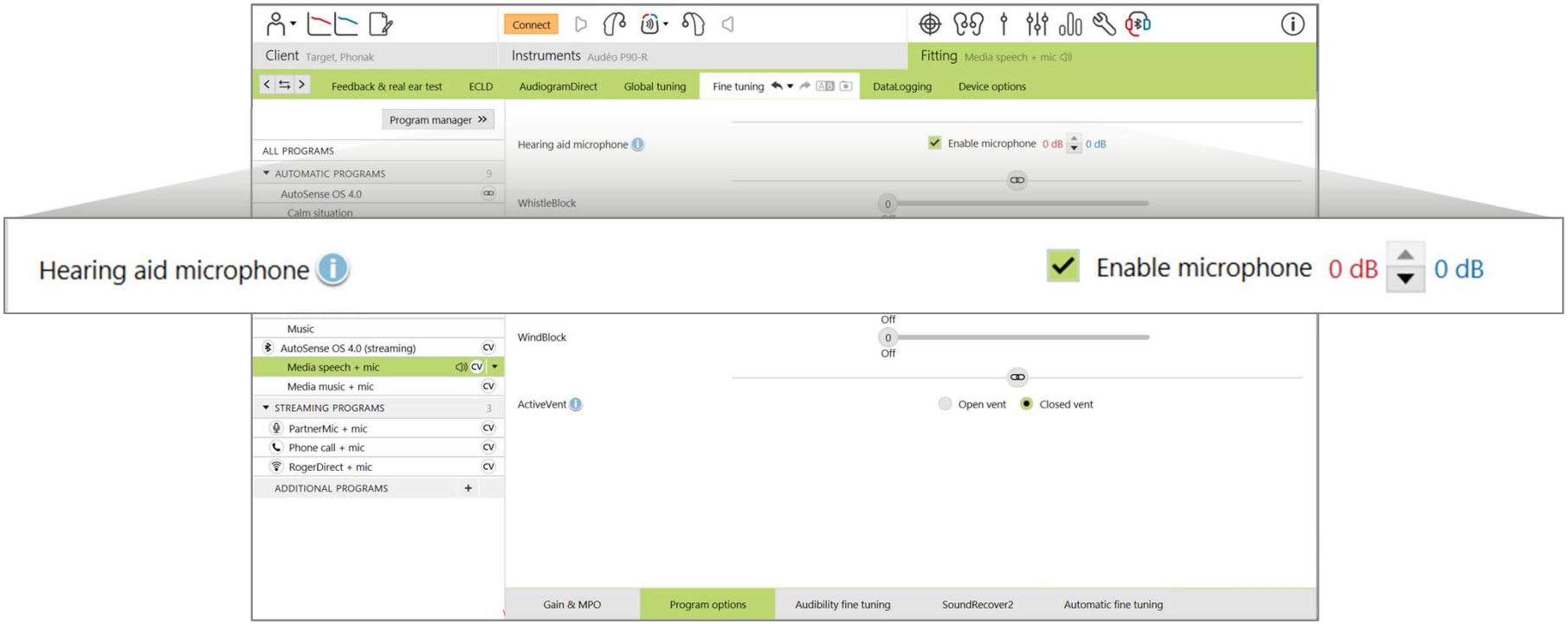
roger

All Audéo P Trial hearing aids will now have (02) Roger receivers pre-installed.

Default setting for AutoSense OS 4.0 streaming



Phonak
Audeo Life

Introducing Phonak Audéo P-Life

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The **world's first** waterproof rechargeable hearing aid

Waterproof*, showerproof, sweatproof

Proven **Paradise** performance

Robust housing tested **beyond IP68**

Pin-less receiver port

Additional microphone protection

Silicone sealed seams

Parylene coated internal circuitry

*Up to 50 cm or 19.69 inches

A note about receivers

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Compatible with existing SDS 4.0 receivers and domes

Not recommended for use with ActiveVent™ receivers

Why?

Internal tests show that SDS 4.0 receivers are not at high-risk of damage due to their depth in the ear, there is a higher risk for failure for ActiveVent Receiver.

Phonak Charger Case Go

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- **Inductive** charging
- Fully charged in **under 3 hours**
- **Built-in** lithium ion battery
- Up to **3 full charges** on the go

Audéo Life Compatibility

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Technology levels

90

Roger microphones

Roger On™

Roger Select

Roger TableMic II

Wireless accessories

PartnerMic

RemoteControl

TV Connector

myPhonak app

ActiveVent receiver

Industry shift

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Decision based on lifestyle & communication needs

Decision based on audiogram

Industry shift

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Decision based on lifestyle & communication needs

Decision based on audiogram, lifestyle & communication needs

The world’s first intelligent hearing aid receiver

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Open when you want it, closed when you need it

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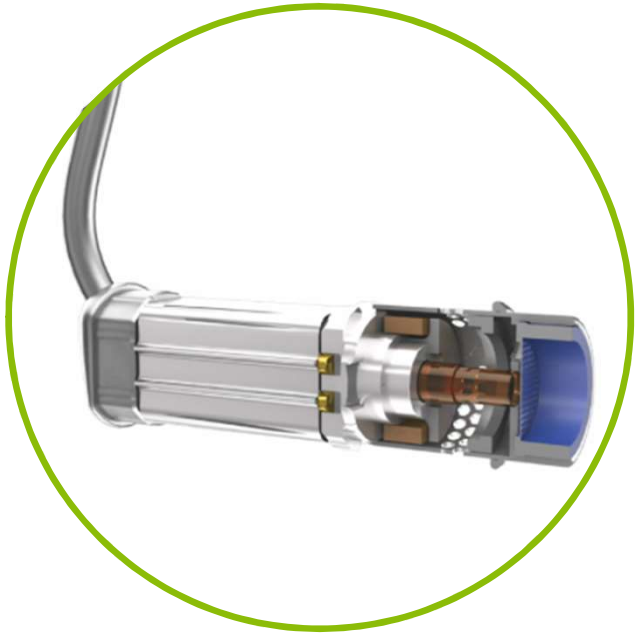
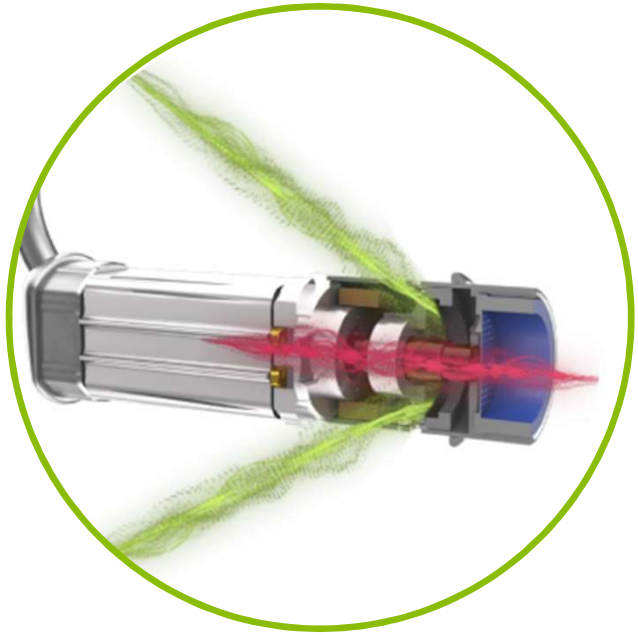


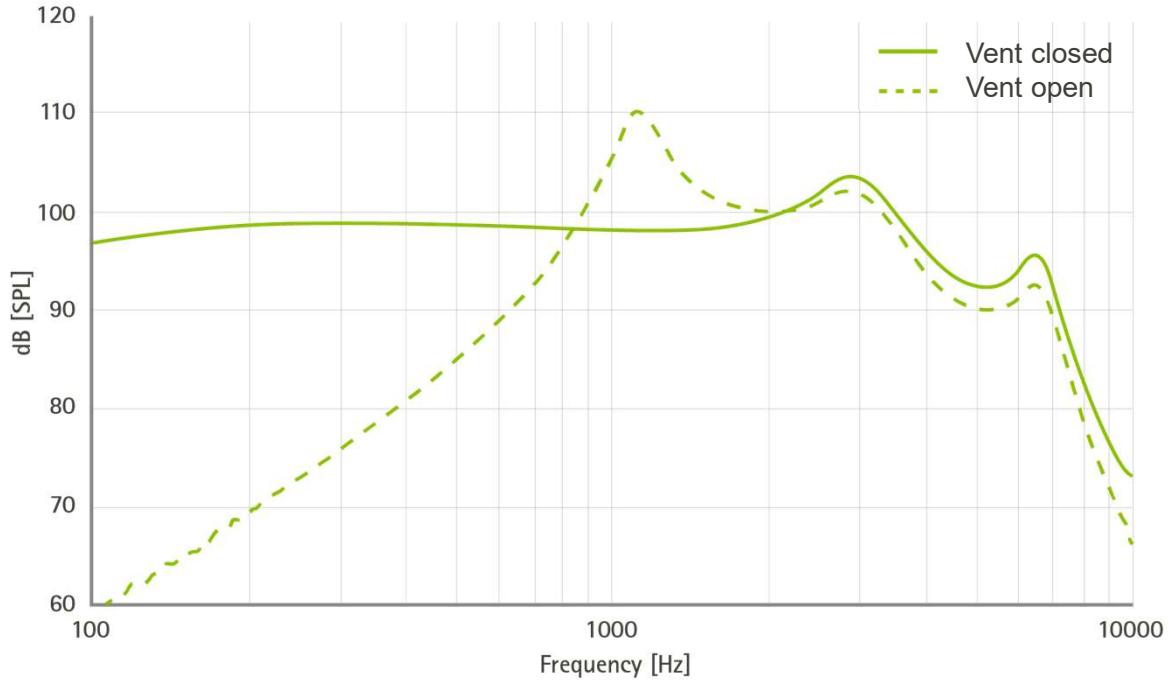
Open vent state



Closed vent state

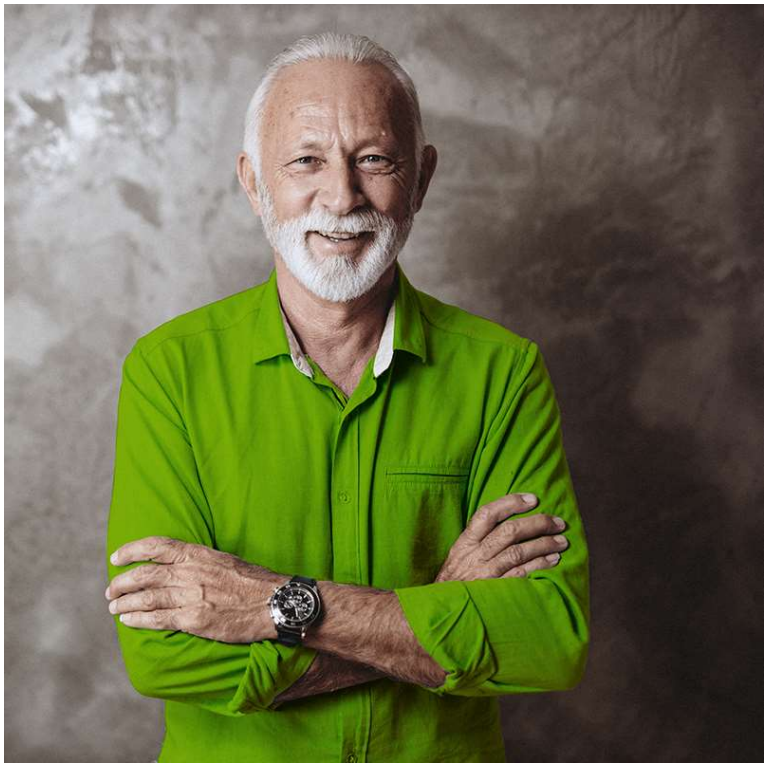
Acoustic properties

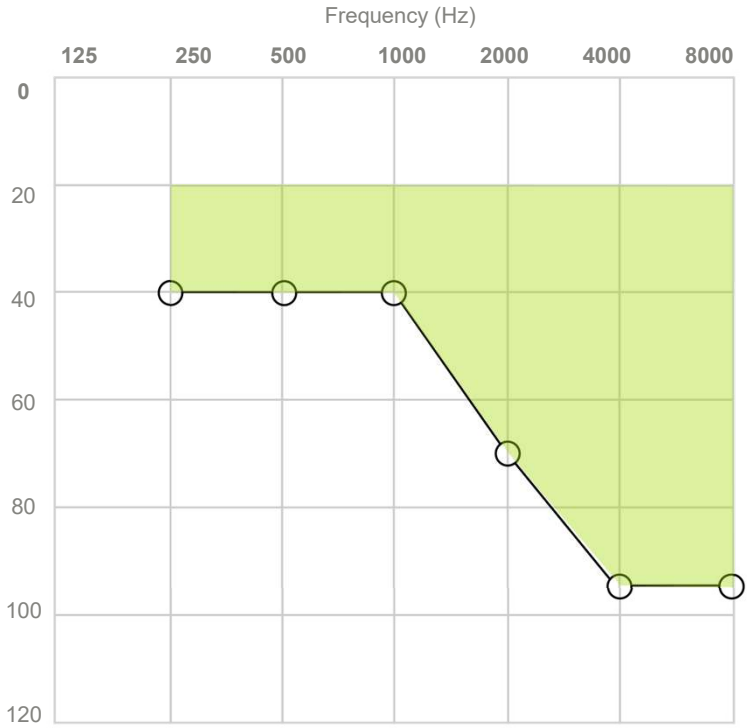
Graph showing frequency response of ActiveVent open versus closed



- Similar acoustic characteristics as M receiver
- Acoustically between vented and occluded earpiece
- Open state is equivalent to 3.5mm vent
- Closed state is equivalent to an occluded custom earpiece

Audiological considerations





Audiological considerations

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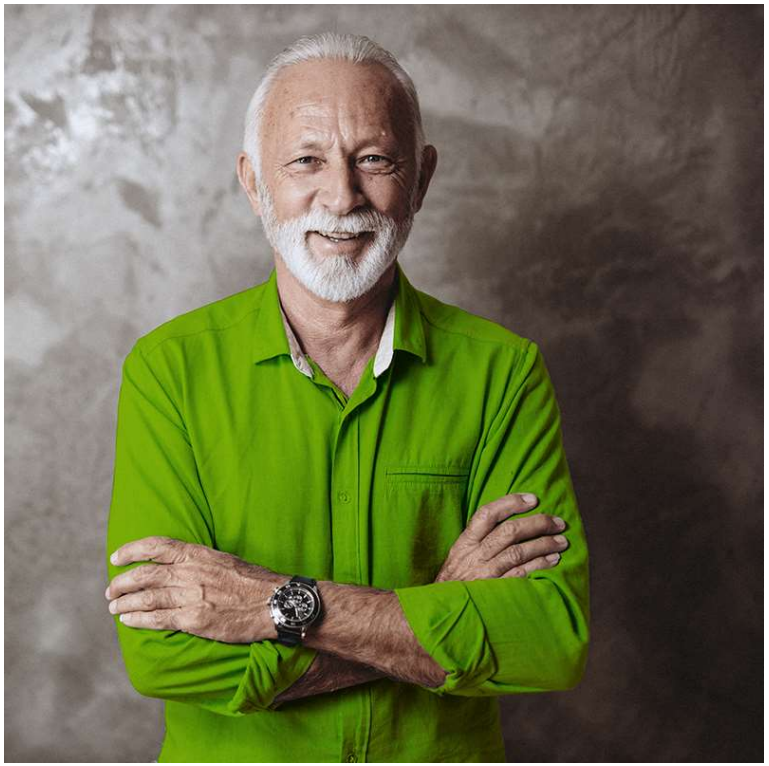
- Audiogram
- Ear anatomy and physiology
- Lifestyle
- Maintenance



ActiveVent candidacy checklist

- Designed to help HCPs determine which patients would be good candidates

- Considers factors including:
  - Audiometric thresholds
  - Wax and moisture problems
  - Problems with loud sounds or tinnitus
  - Willingness to disable phone notifications

Phonak ActiveVent™ Receiver
Candidacy checklist

Patient name: Date: DOB:

Background
ActiveVent Receiver features a switchable vent, which combines the benefits of an open fit and a closed fit in one receiver. Due to the complex nature of this technology, please consider the following:

ActiveVent Receiver requires:
- Hearing thresholds within the appropriate range (see diagram)
- Rechargeable Audéo Paradise hearing aids
- Additional cleaning and care beyond a standard receiver

Optimal fitting range for ActiveVent Receiver

Is ActiveVent Receiver right for your client?
Ask the following questions to determine if ActiveVent is the right solution for your client.

1. Does the client have hearing thresholds within the above range? ☐ Yes ☐ No
2. Would the client normally be fit with an open or a vented dome? ☐ Yes ☐ No
3. Does the client have sufficient dexterity to change wax filters? ☐ Yes ☐ No
4. Are the client's ears free of excess moisture and cerumen? ☐ Yes ☐ No
5. Is the client willing to disable audio notifications on their phone? ☐ Yes ☐ No
6. Does the client report problematic tinnitus? ☐ Yes ☐ No
7. Does the client report pain or discomfort from loud sounds? ☐ Yes ☐ No

OK to proceed with ActiveVent Receiver trial and fitting? ☐ Yes ☐ No

ActiveVent Receiver proficiency checklist
Before sending your client home with ActiveVent Receivers, they should be able to independently:

- ☐ Verify the comfort of the Universal SlimTip AV or Titanium SlimTip AV
- ☐ Remove and insert ActiveVent Receiver into/out of the ear
- ☐ Wipe away any cerumen or debris on the SlimTip AV
- ☐ Change the HF3 wax filter
- ☐ Confirm the loudness of the vent closing as acceptable
- ☐ (Optional) Recognize when a cleaning reminder is received in the myPhonak app

If the client is unable or unwilling to do any of the following, we recommend to continue the fitting with a standard SDS 4.0 receiver.

A Sonova brand

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Evidence: ActiveVent hearing performance

ActiveVent Receiver provides on average **10% better speech understanding in noise** than conventional acoustic coupling while **providing natural sound in different listening situations**[1].

1. Latzel, M & Hobi, S (2021) Receiver with mechanical vent provides benefit of open and closed acoustics for better speech understanding in noise and naturalness of own voice perception. Phonak Field Study News in preparation. Expected end 2021.

ActiveVent compatibility

Audéo P-R

Audéo P-RT

Available in all performance levels: 90, 70, 50 and 30

Unique acoustic coupling options for ActiveVent

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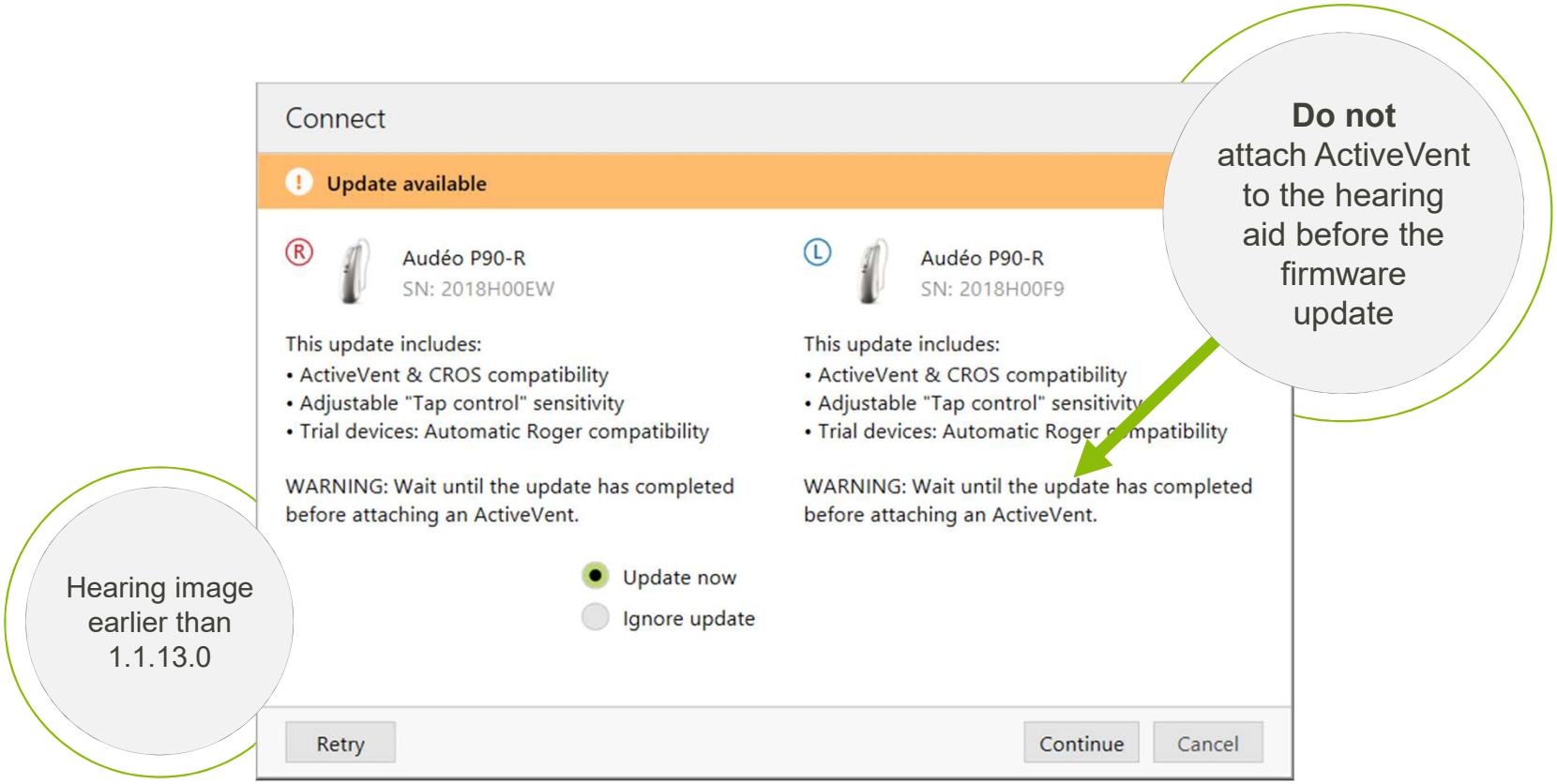
Universal SlimTip

- Made of silicone
- Comes in four shapes
- Demo the benefits
- Temporary earpiece

SlimTip **Titanium**

- Medical grade titanium
- Custom made
- Optimal hearing performance

Firmware update



Thank you!

Beth.Christie@phonak.com
630 465 2340