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# Paradise in Target 7.0 The fitting software of choice

Alyssa Ricevuto, AuD

# **Learning Outcomes**



- After this course learners will be able to describe the controls that are available to program and adjust Phonak Paradise.
- After this course learners will be able to explain how to adjust Phonak Paradise settings based upon patient needs.
- After this course learners will be able to identify situations when adjustments will be beneficial

# Key innovations of Audéo Paradise

## **Unrivaled sound quality**

- New sound processing chip PRISM™
- New motion sensor
- New Adaptive Phonak Digital 2.0
- New AutoSense OS<sup>™</sup> 4.0
  - · Speech Enhancer
  - · Dynamic Noise Cancellation
  - · Motion Sensor Hearing



#### **Universal connectivity**

- · Connects to smartphones, TV & more
- Made For All
- Multiple Bluetooth® connections
- New Tap Control for easy access to Bluetooth functionalities

## Personalized digital solutions

- New Hearing Screener 2.0
- New myPhonak 4.0 app
  - Hearing Diary 2.0
  - AudiogramDirect (via Remote Support)
  - Remote Control
- New Client Dashboard 2.0

Paradise is available with groundbreaking lithium-ion rechargeable technology

3

# Unrivaled sound quality





## New hardware





PRISM™

Processing Real-time Intelligent Sound Management

Double memory

More connectivity options



**Motion sensor** 

Usability options

Hearing performance feature

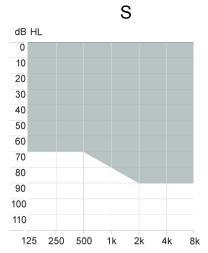
# A Paradise for every patient



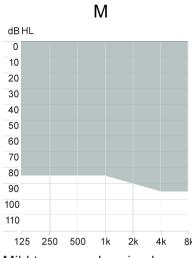


# Fitting range

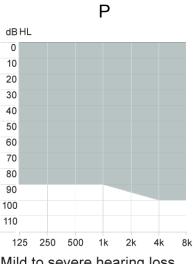




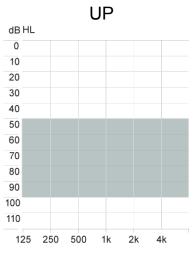
Mild to moderately-severe hearing loss.



Mild to severe hearing loss.



Mild to severe hearing loss.



Moderate to profound hearing loss.

## **Phonak Paradise Feature Summary**



#### 90 Premium

Comfort in Echo Speech in Car Speech in Loud Noise

Music

Comfort in Noise

Speech in Noise Calm Situation

Streaming Speech Streaming Music Comfort in Echo (manual)

Speech in Loud Noise (manual) Speech in 360° (manual)

UltraZoom Premium

Dynamic Noise Cancellation

Speech Enhancer EchoBlock Tap Control\* StereoZoom WindBlock

SoundRelax Motion Sensor Hearing\* DuoPhone

SoundRecover2 WhistleBlock RogerDirect™ Tinnitus Balance

20 Channels

Real Ear Sound

AutoSense OS\* 4.0

70 Advanced

Music Comfort in Noise

Speech in Noise Calm Situation Streaming Speech Streaming Music

Speech in Loud Noise (manual)

Speech in 360° (manual)
UltraZoom Advanced
EchoBlock

Tap Control\* StereoZoom WindBlock

SoundRelax Motion Sensor Hearing\*

DuoPhone Real Ear Sound SoundRecover2

WhistleBlock
RogerDirect
Tinnitus Balance
20 Channels

Streaming Music
UltraZoom Standard
Motion Sensor Hearing\*
DuoPhone
Real Ear Sound

50 Standard

Comfort in Noise

Speech in Noise

Calm Situation

Streaming Speech

SoundRecover2 WhistleBlock RogerDirect Tinnitus Balance

16 Channels

30 Essential

Speech in Noise Calm Situation Streaming Speech Streaming Music

UltraZoom Essential
SoundRecover2
WhistleBlock
RogerDirect
Tinnitus Balance

12 Channels

\*Rechargeable models only

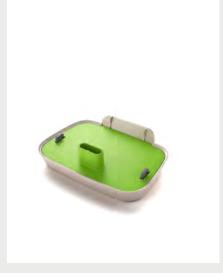
# Phonak Paradise charging options



Batteries engineered to last 6 years. Your clients can enjoy a full day of hearing.



Charger Case Combi



Power pack option



Charger BTE RIC



Mini Charger case

# Paradise has a space for all of your devices-





## Paradise has **two times** the Bluetooth!





# Target 7.0 workflow



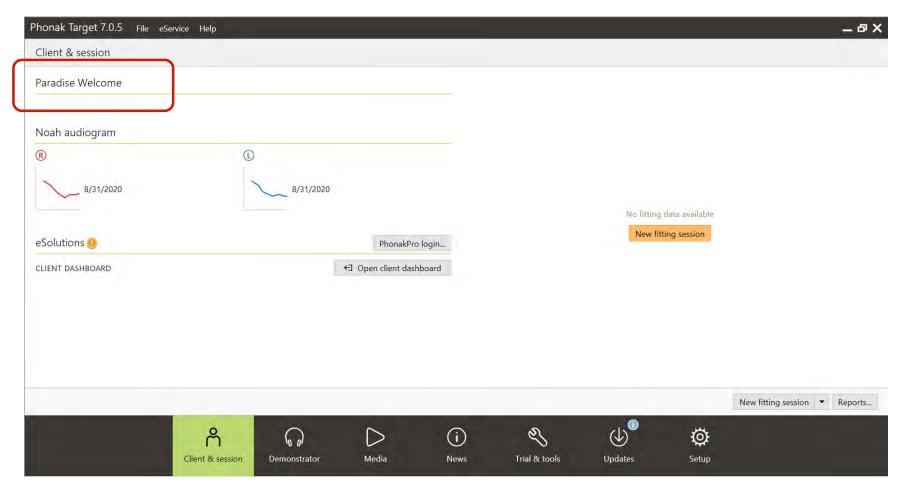




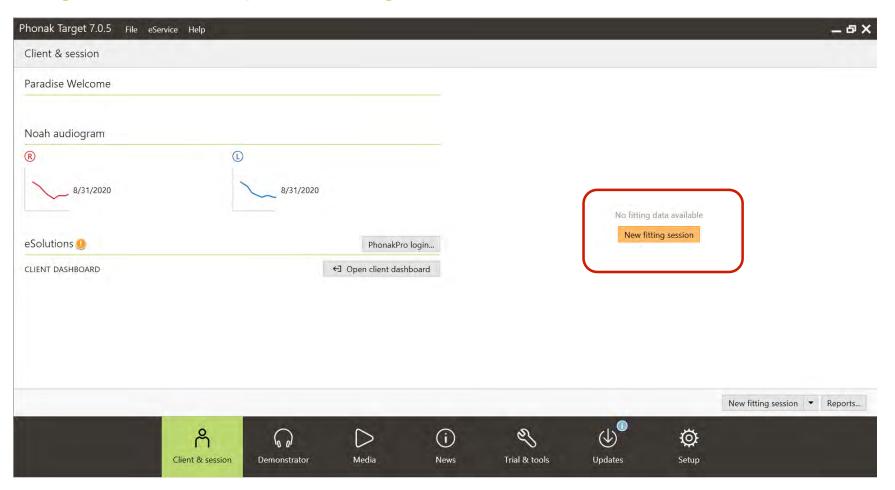




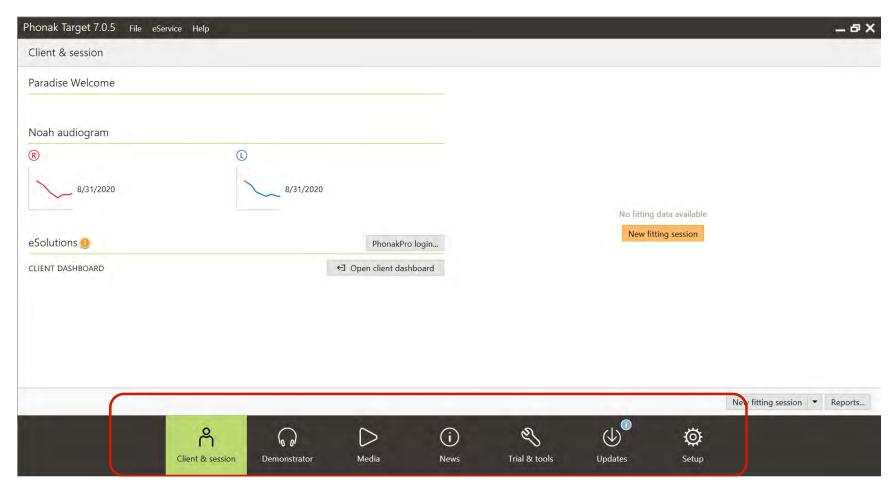






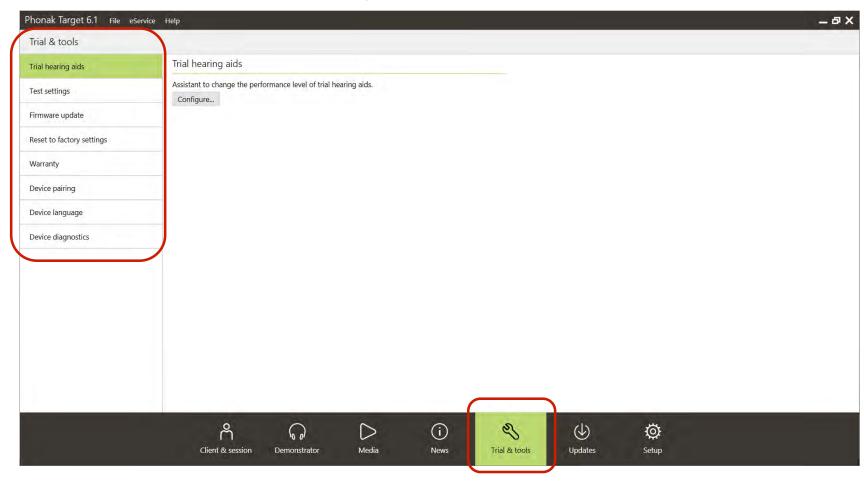






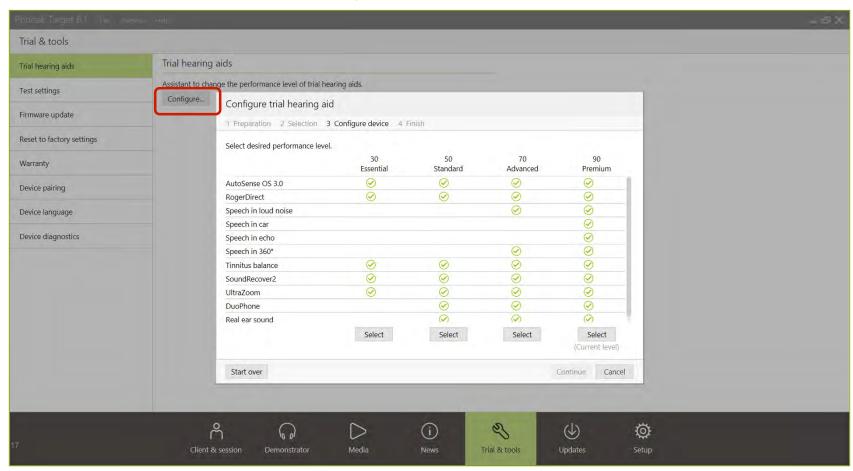
# Trial and tools device setup



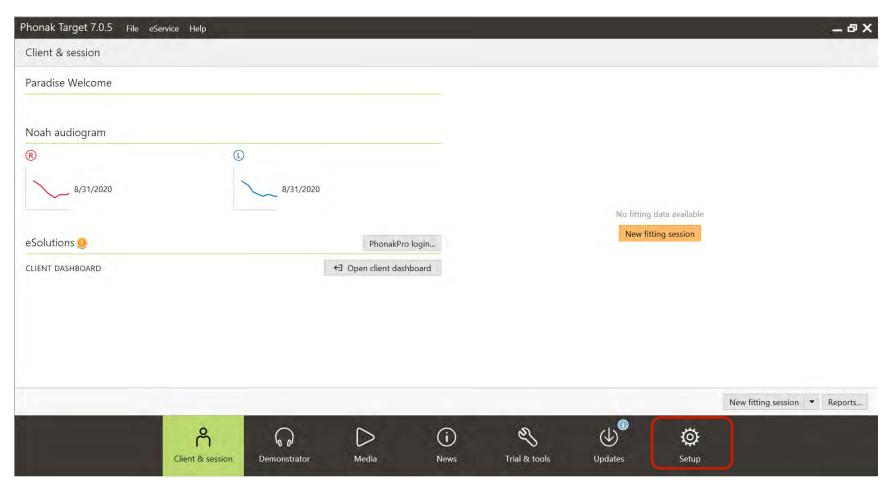


# Trial and tools device setup



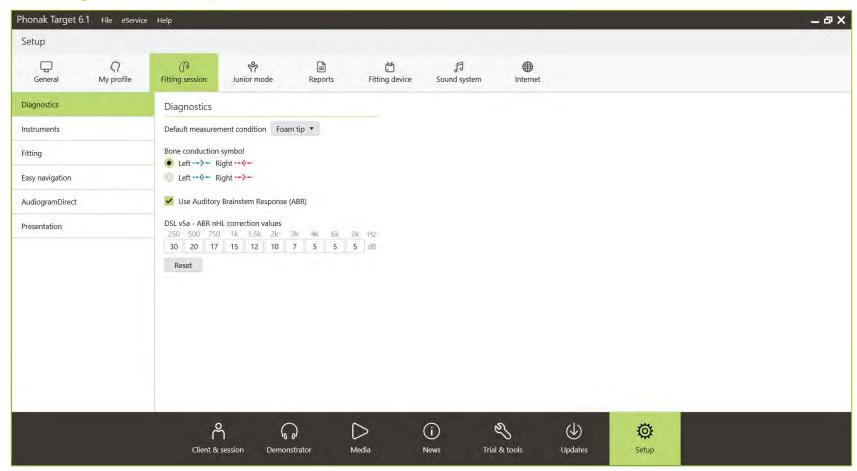






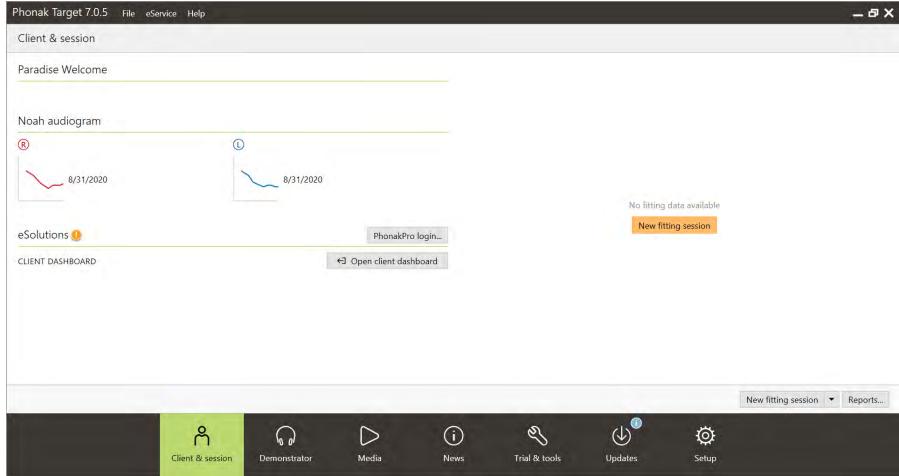
# Fitting session presets





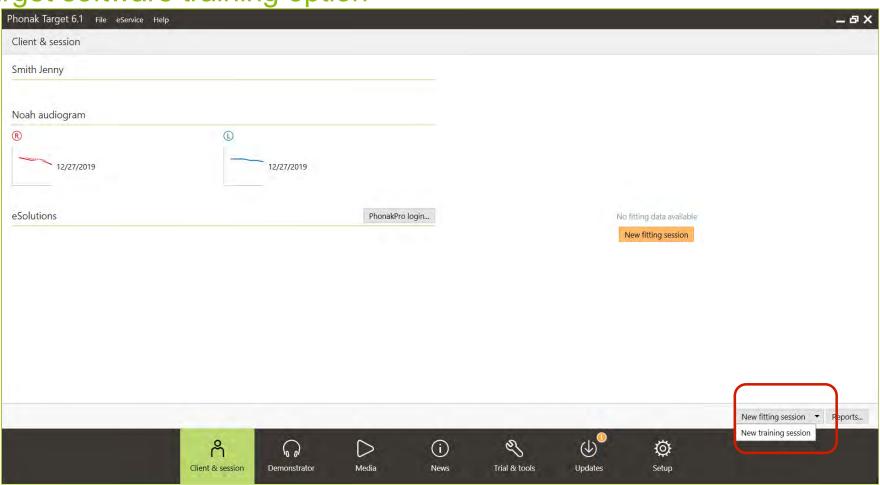
# Fitting workflow and navigation





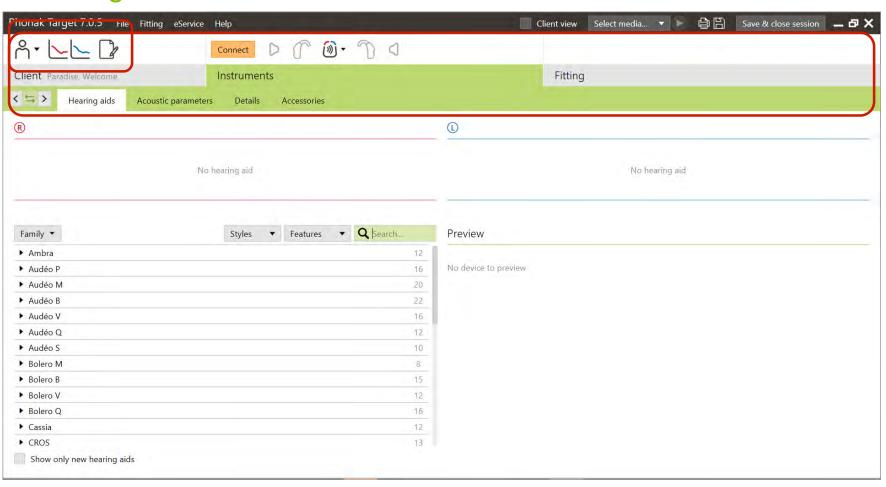
# Target software training option





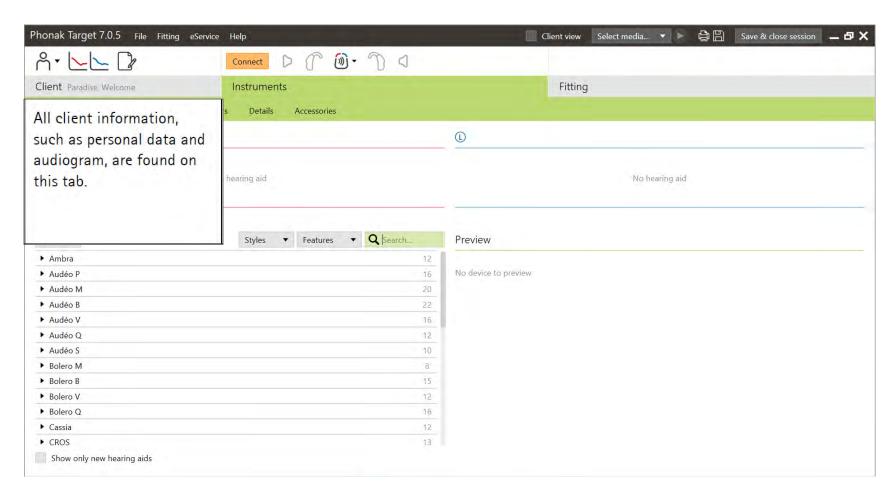
# **Basic navigation**





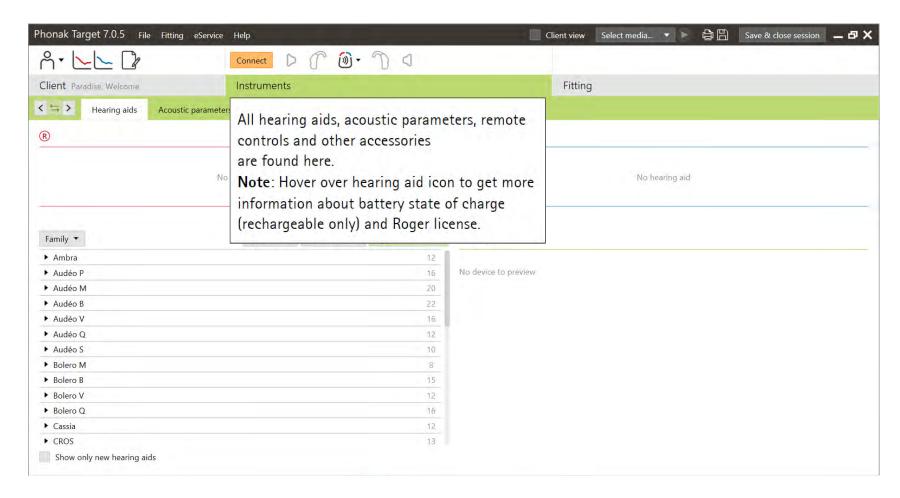
# **Fitting Navigation**





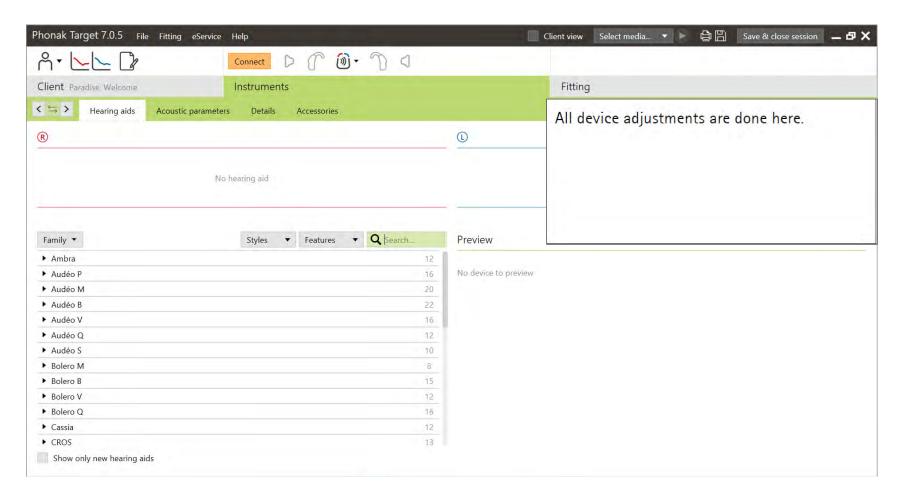
## **Fitting Navigation**



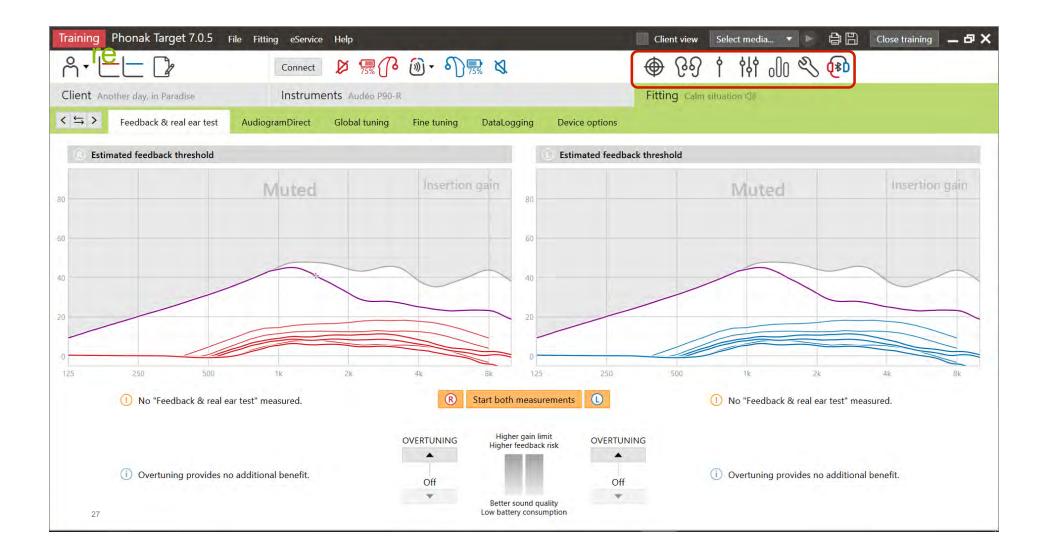


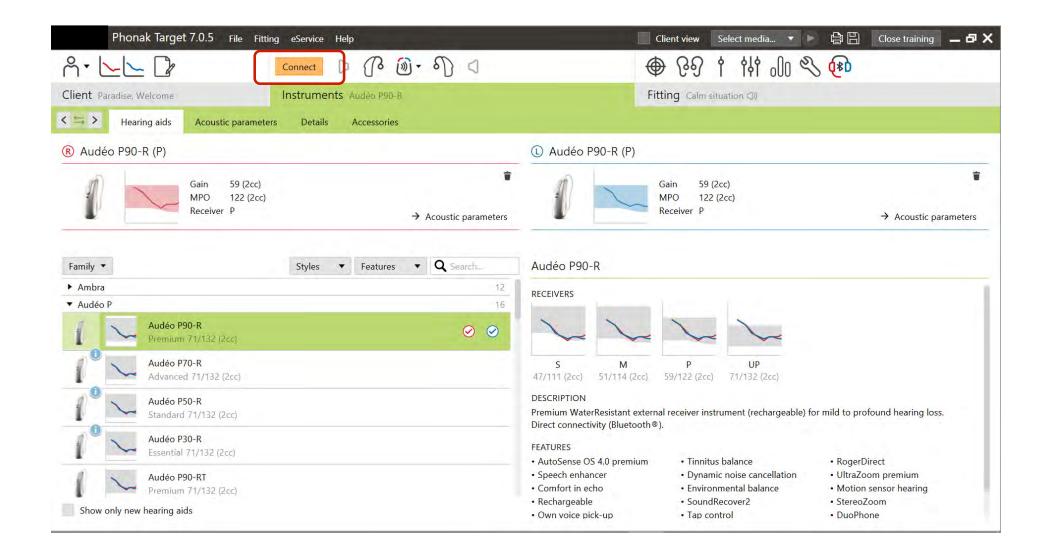
# **Fitting Navigation**

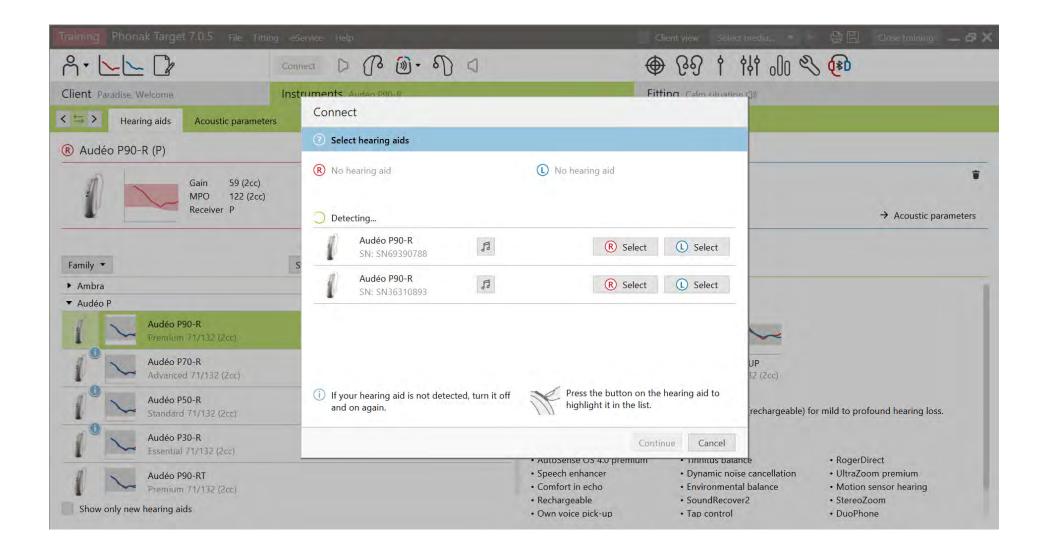


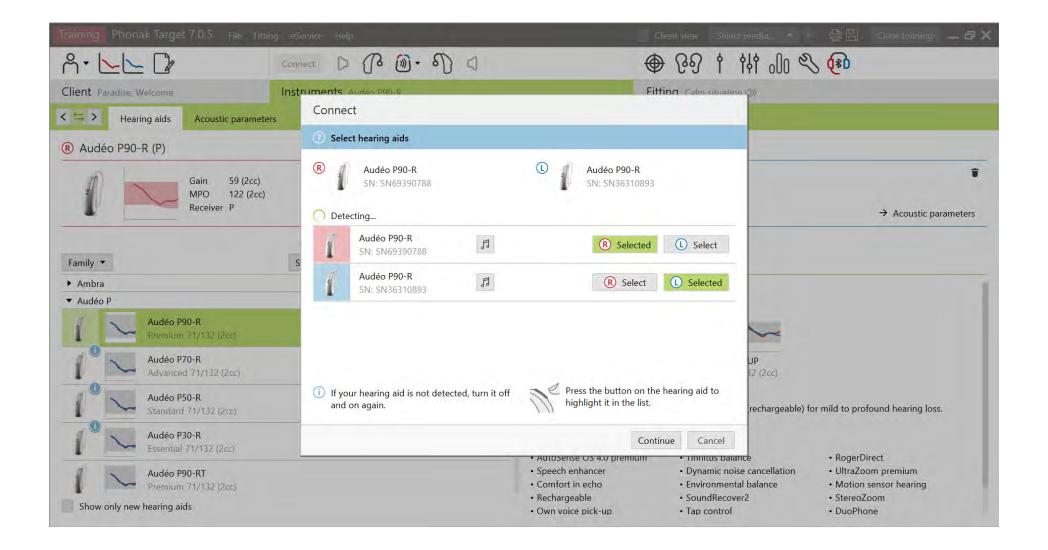


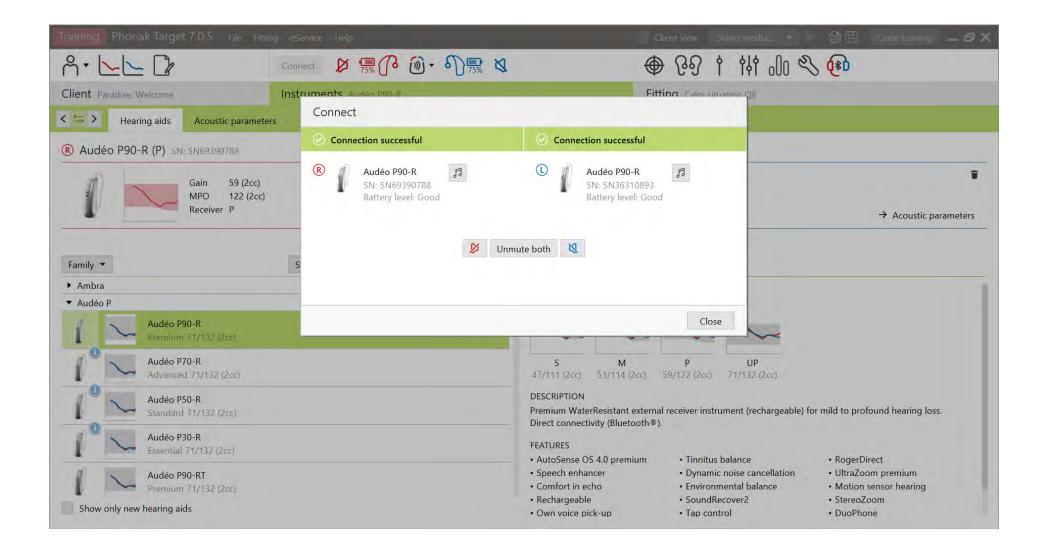


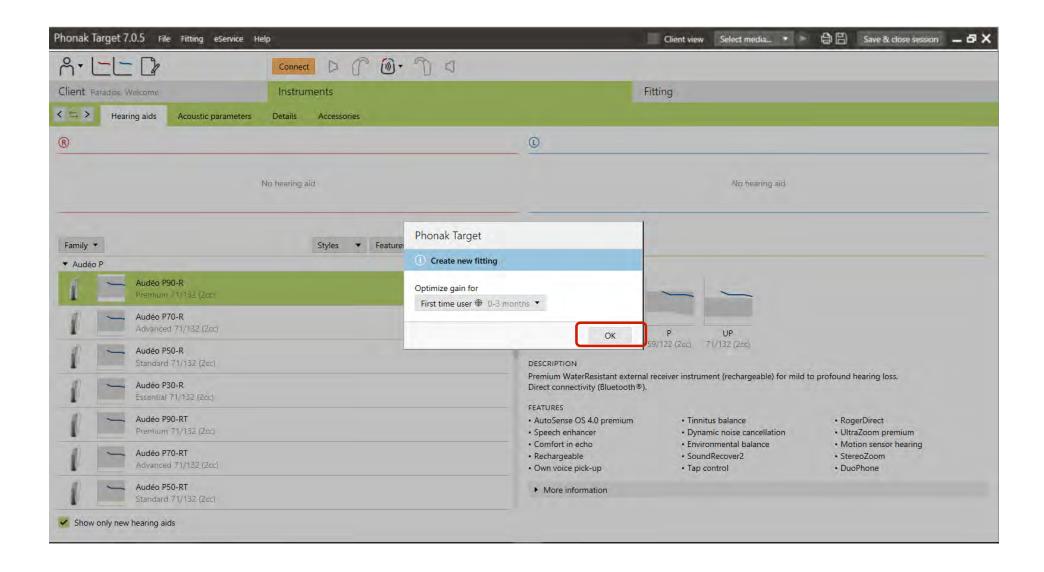


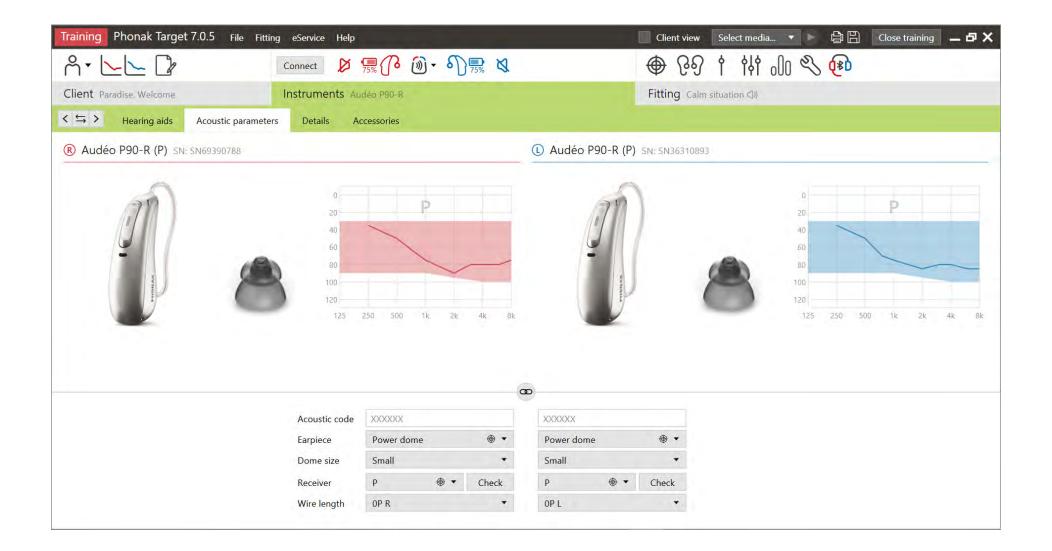






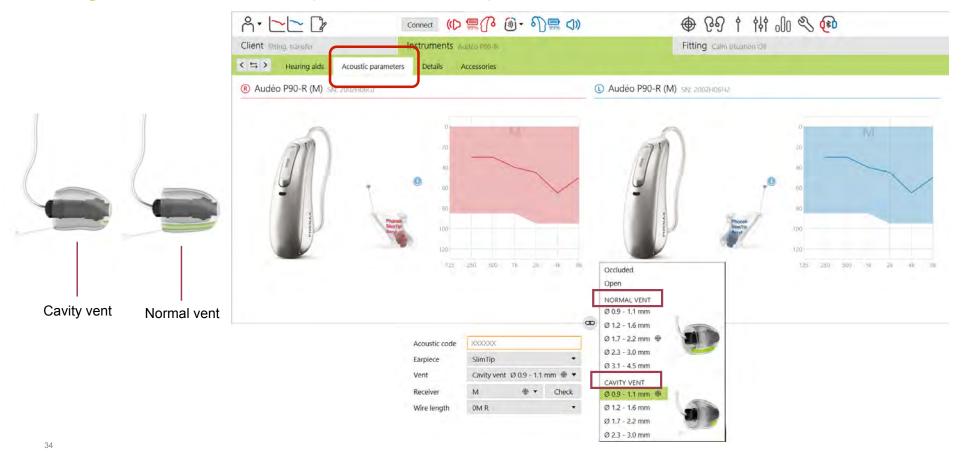


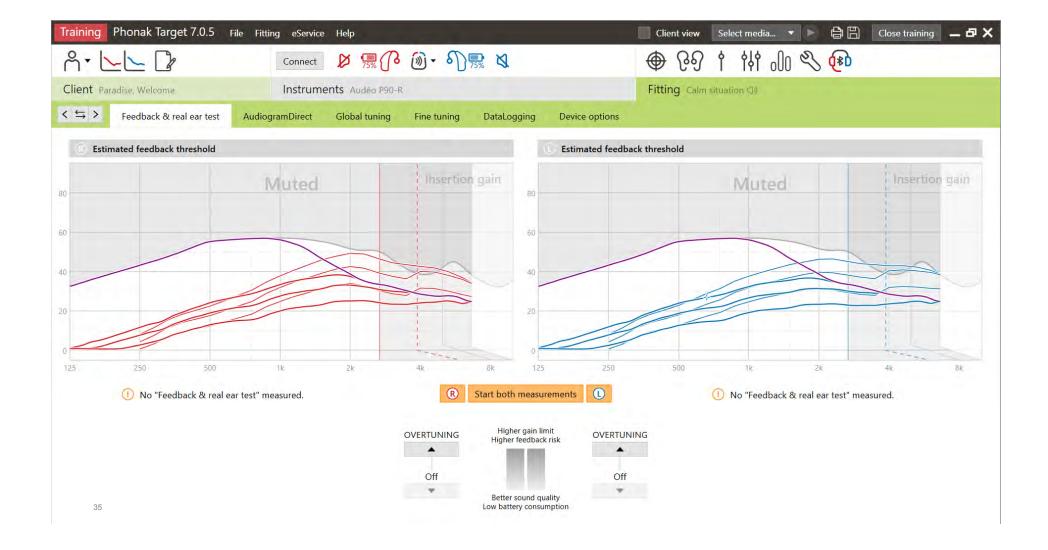


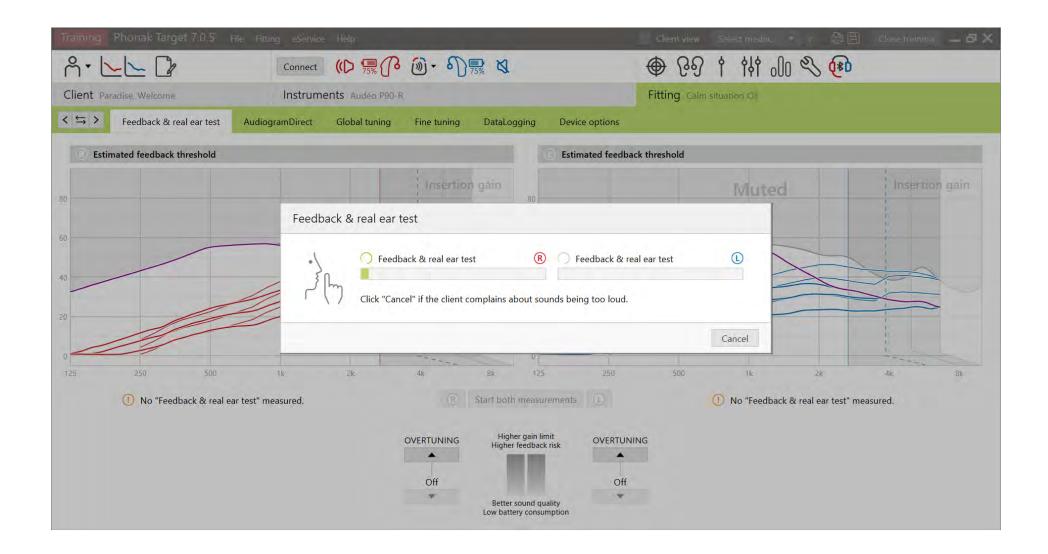


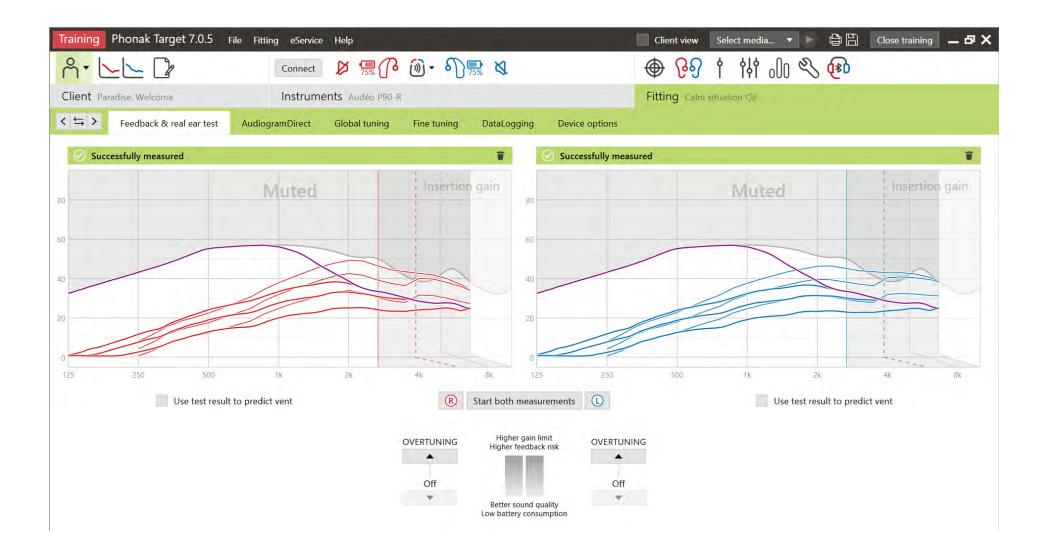








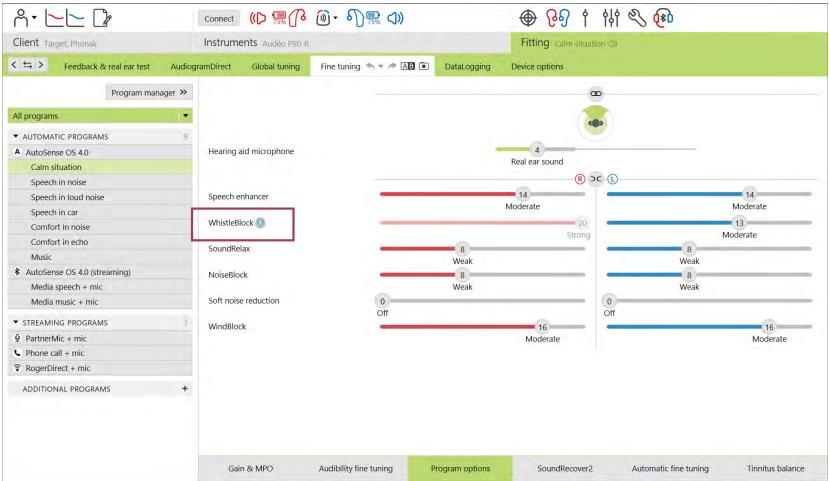




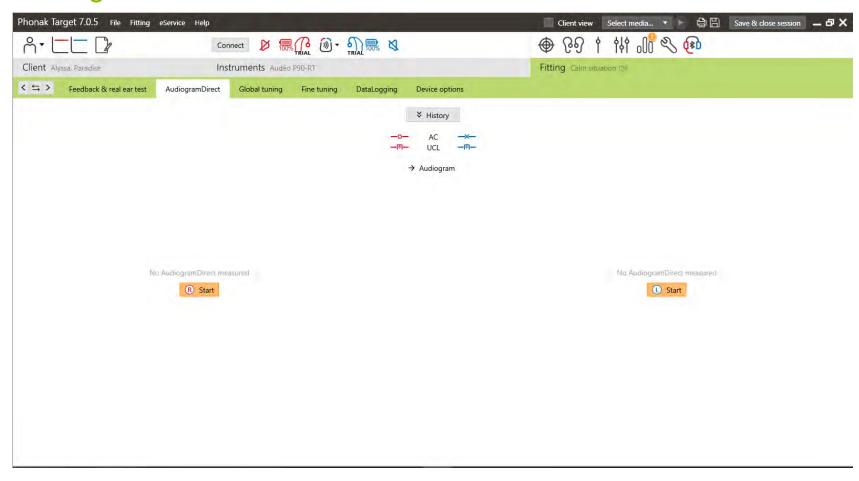


Target 7.0: Interaction with WhistleBlock

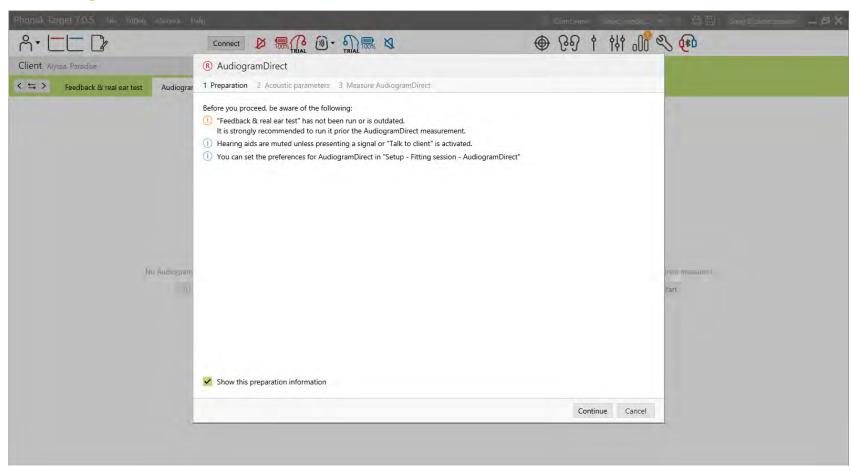




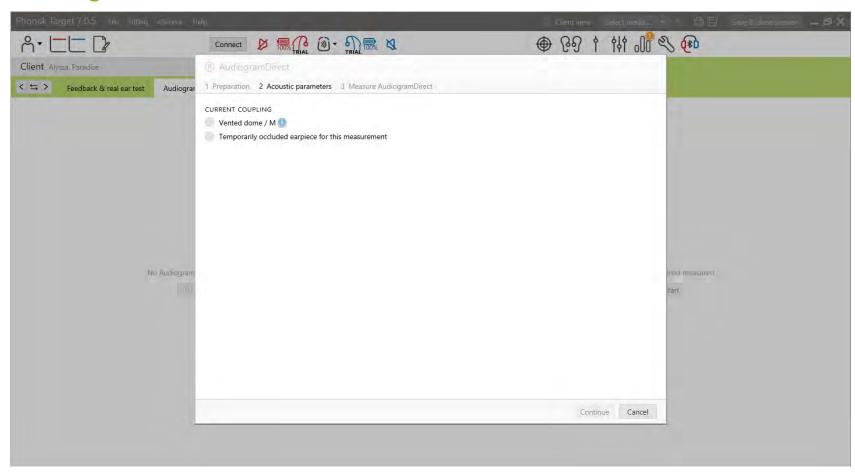




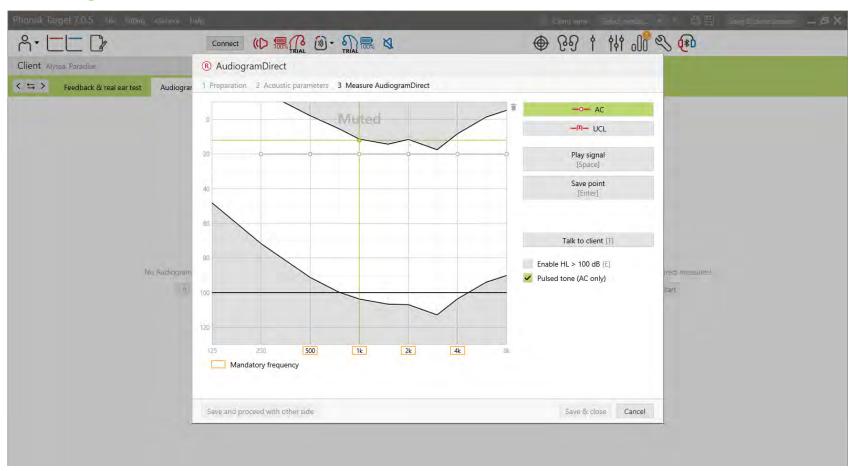




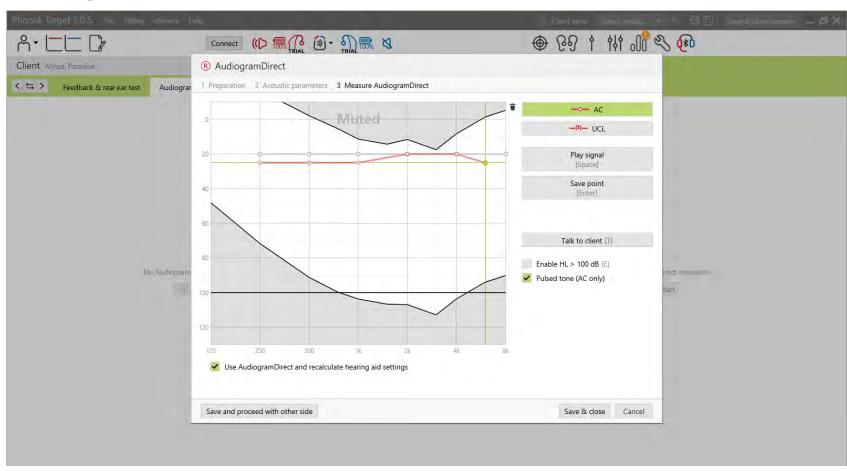




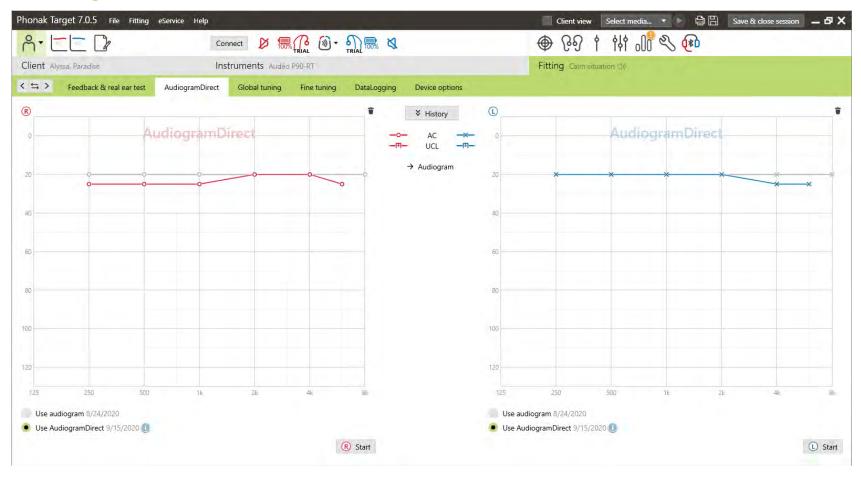


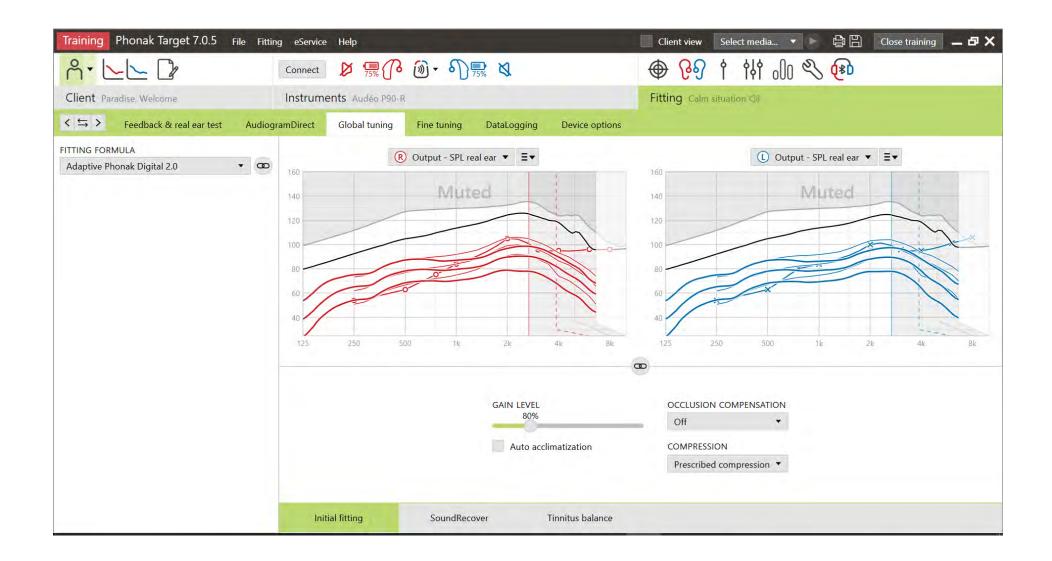


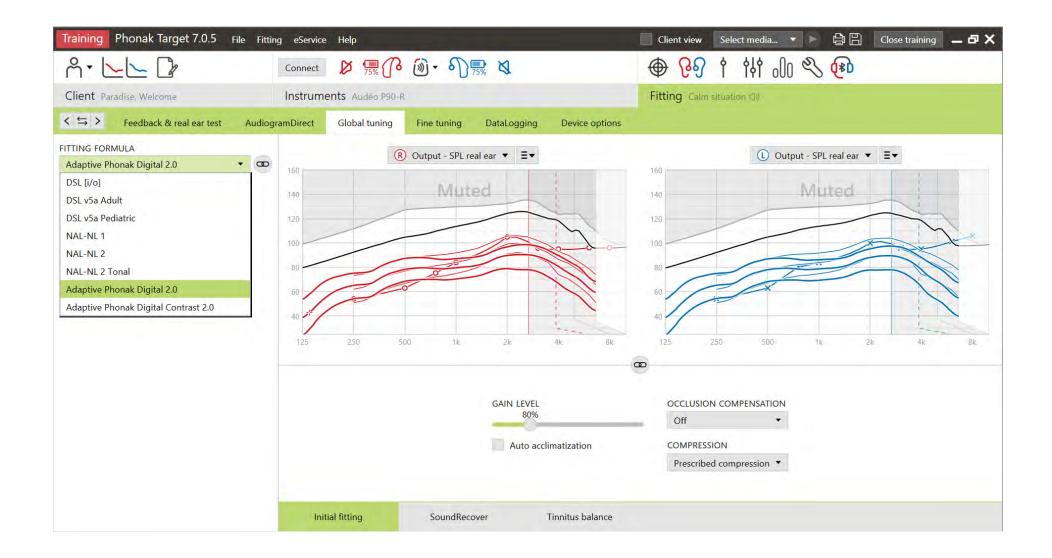












## Adaptive Phonak Digital 2.0







#### Hearing inspired by nature

1

Adaptive compression speeds

2

Linearized high level gain

3

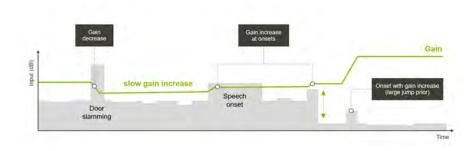
Pre-calculation for mild-moderate hearing losses

#### 1. Adaptive compression speeds – Intelligent compression



#### Advantages

- More dynamic range<sup>1</sup>
- Reduction of perceived reverberation<sup>1</sup>
- Comfort in noise<sup>2</sup>
- Comfort for loud impulse sounds<sup>3</sup>



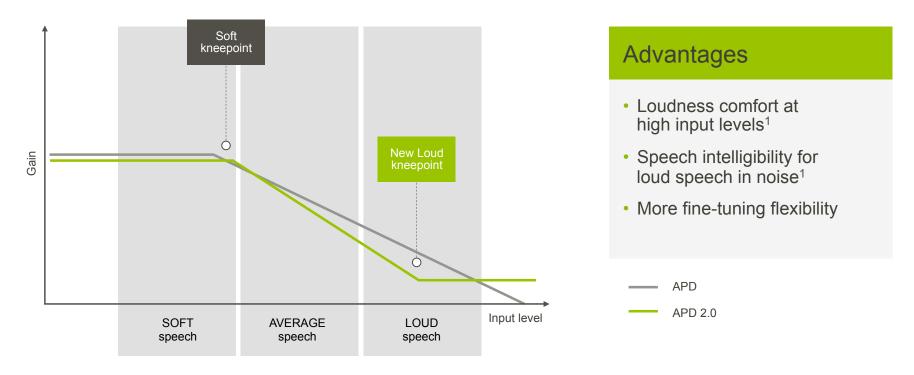
<sup>1.</sup> Hassager, H. G., Wiinberg, A., and Dau, T. (2017a). "Effects of hearing-aid dynamic range compression on spatial perception in a reverberant environment," J. Acoust. Soc. Am. 141, 2556–2568.

<sup>2.</sup> Kowalewski, B., Zaar, J., Fereczkowski, M., MacDonald, E., Strelcyk, O., May, T., & Dau, T. (2017). Effects of slow-and fast-acting compression on hearing impaired listeners' consonant-vowel identification in interrupted noise. In International Symposium on Auditory and Audiological Research. The Danavox Jubilee Foundation.

3. Lopez-Poveda, E. A., Johannesen, P. T., Perez-González, P., Blanco, J. L., Kalluri, S., & Edwards, B. (2017). Predictors of hearing-aid outcomes. Trends in hearing, 21, 1-28.

#### 2. Linearized high level gain





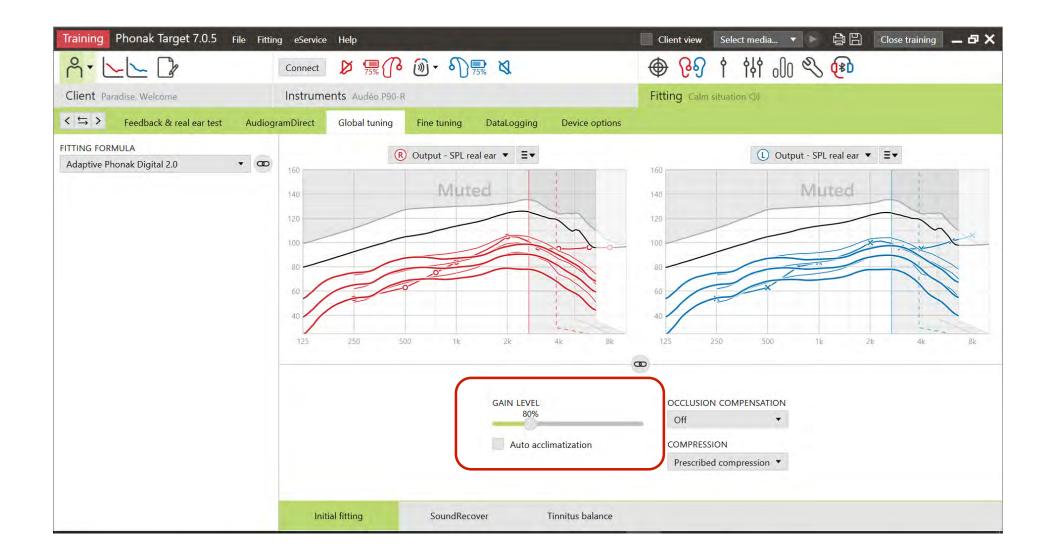
<sup>1.</sup> Lopez-Poveda, E. A., Johannesen, P. T., Perez-González, P., Blanco, J. L., Kalluri, S., & Edwards, B. (2017). Predictors of hearing-aid outcomes. Trends in hearing, 21, 1-28.

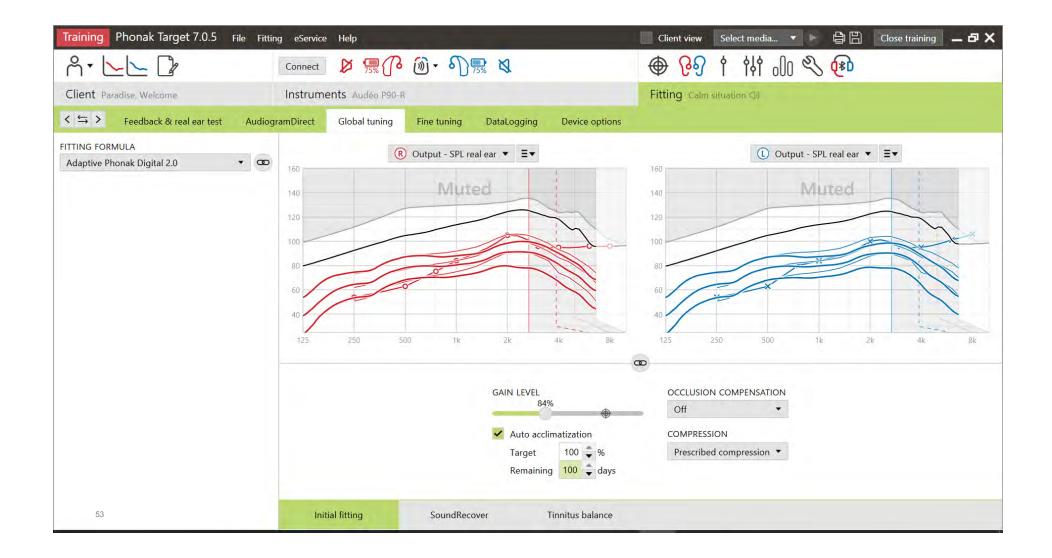
# 3. New pre-calculation

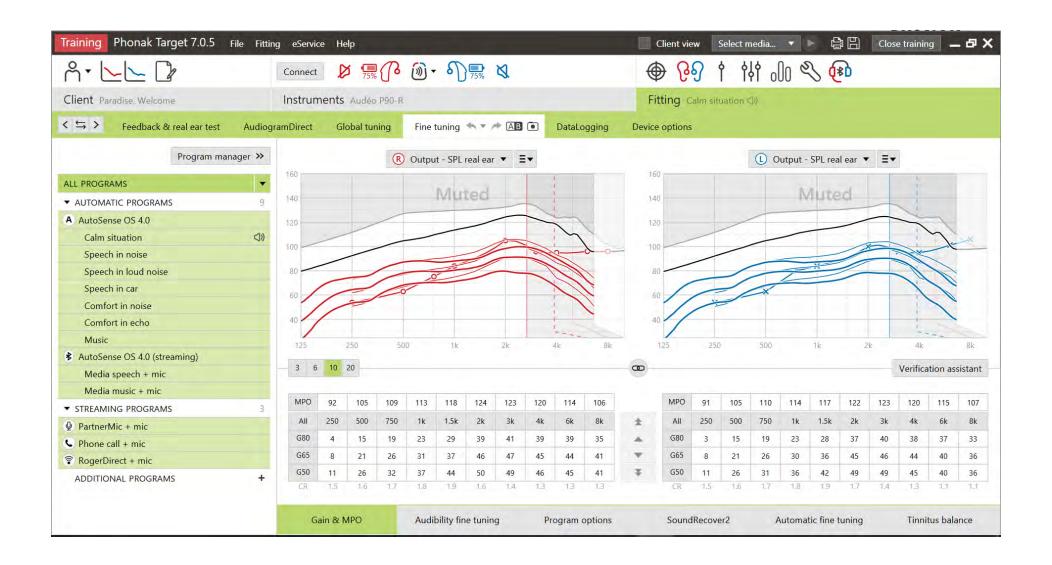
- Mild to moderate hearing losses
- G50 targets remains unchanged
- G65 and G80 targets are reduced for mid-loud inputs
- All experience levels

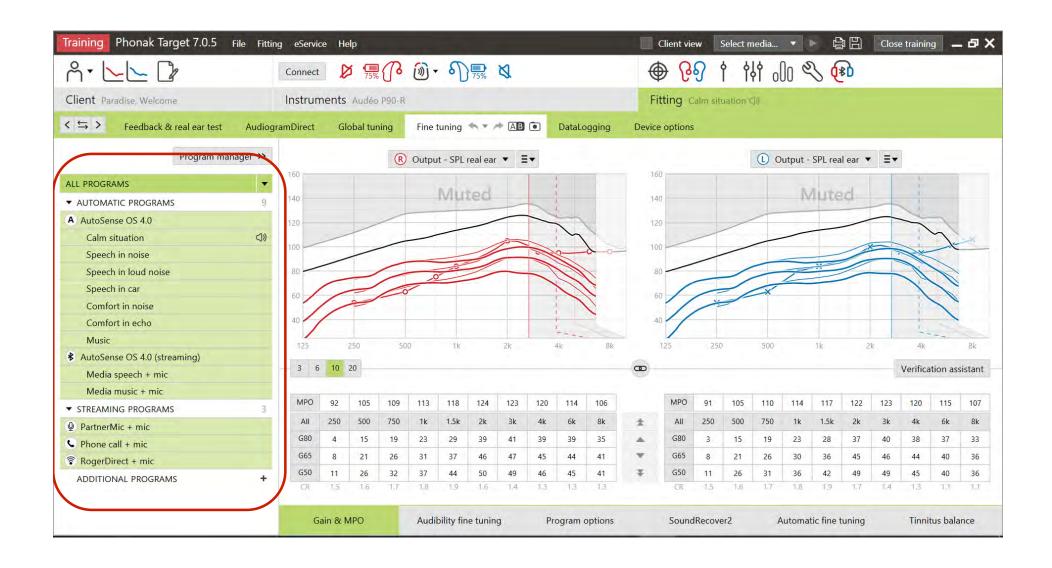
Senn. M., (2020). An analysis of – fine-tuning applied at first fit. Phonak Target Fitting Data. Unpublished data. Contact claims@phonak.com if you are interested in further information.

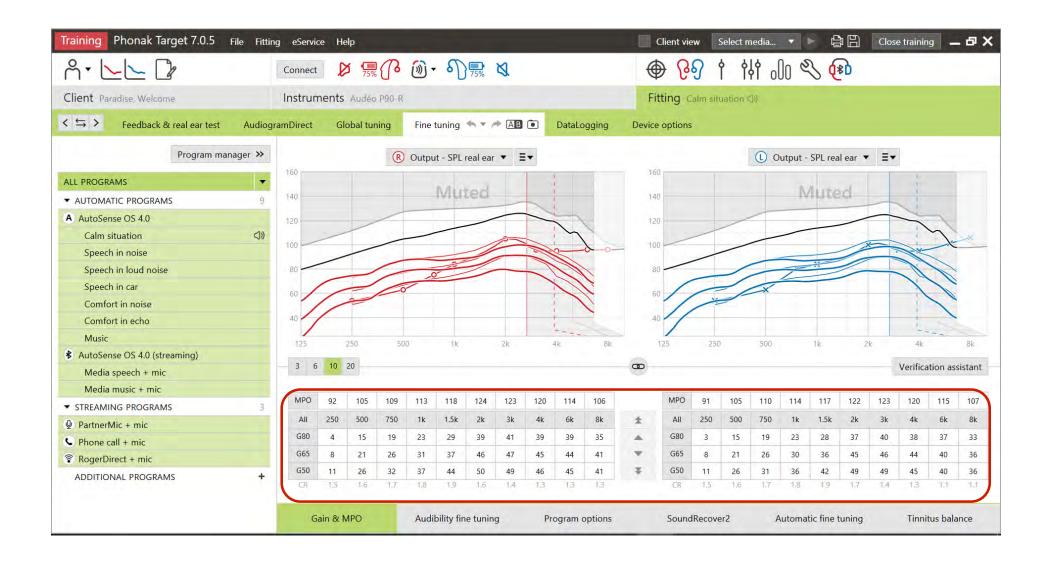


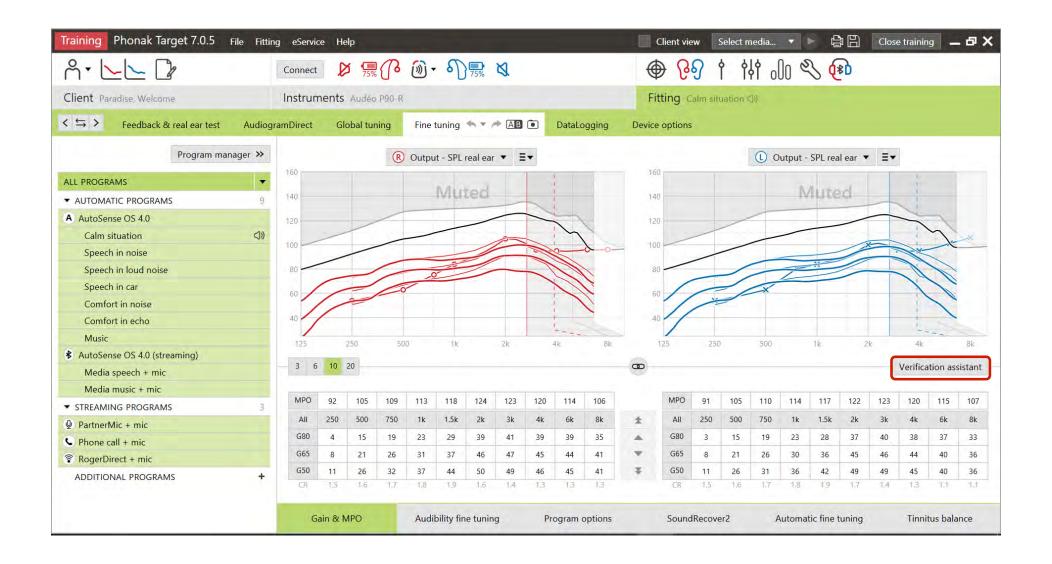


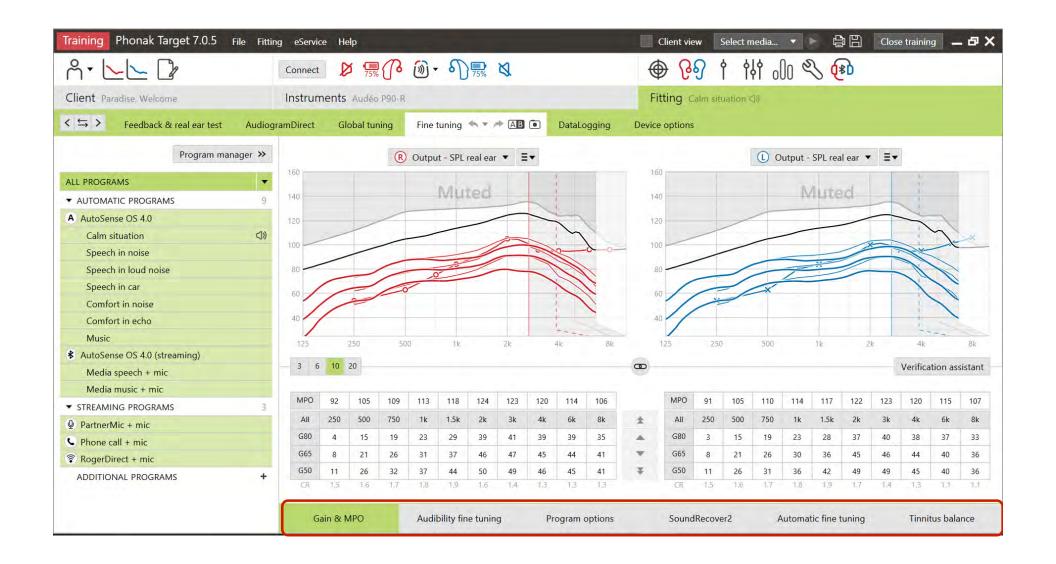


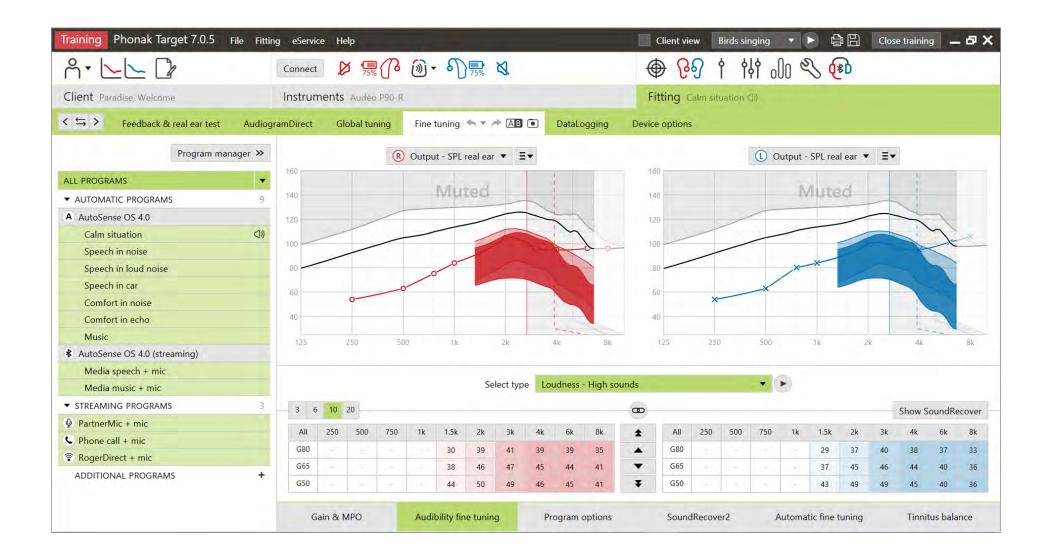


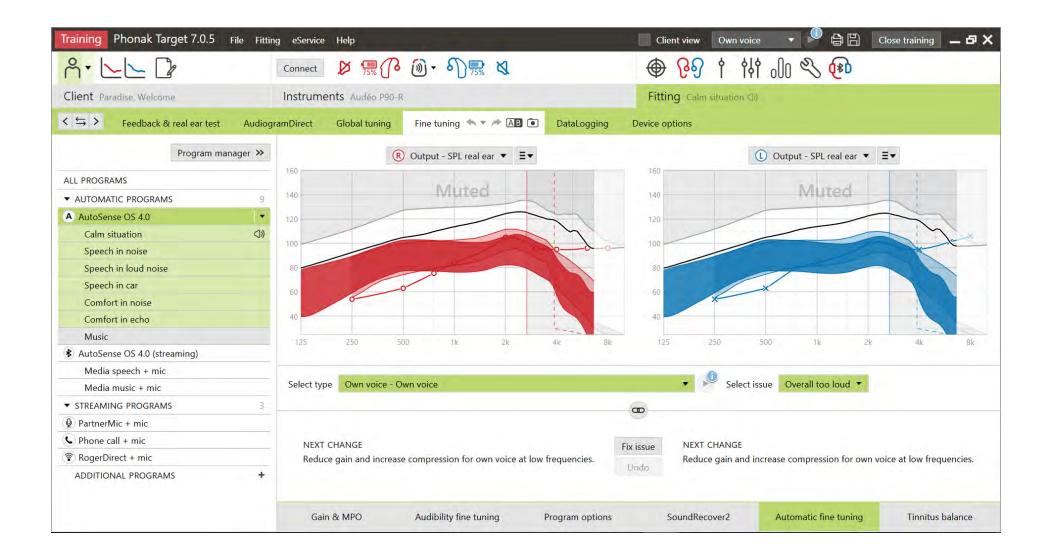


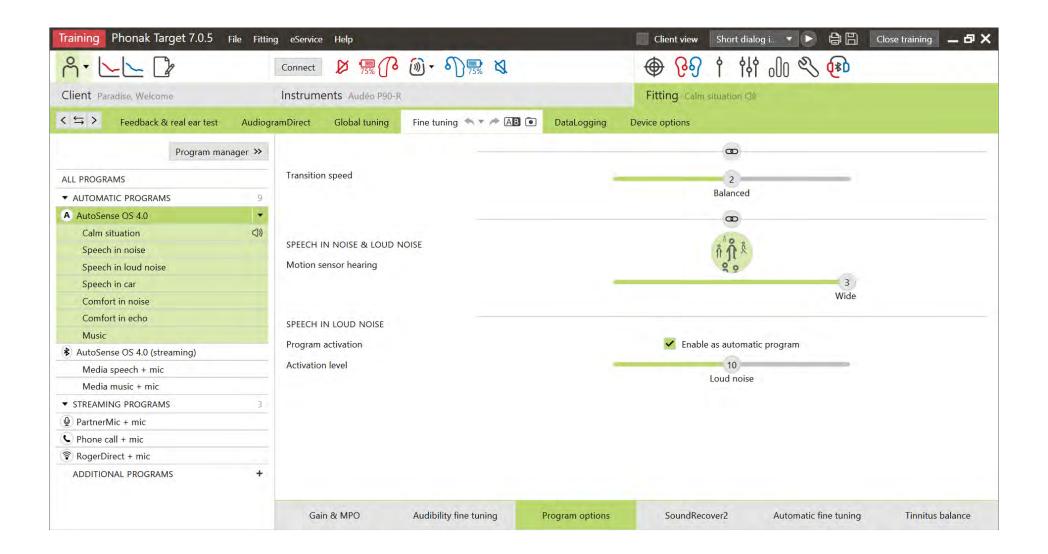


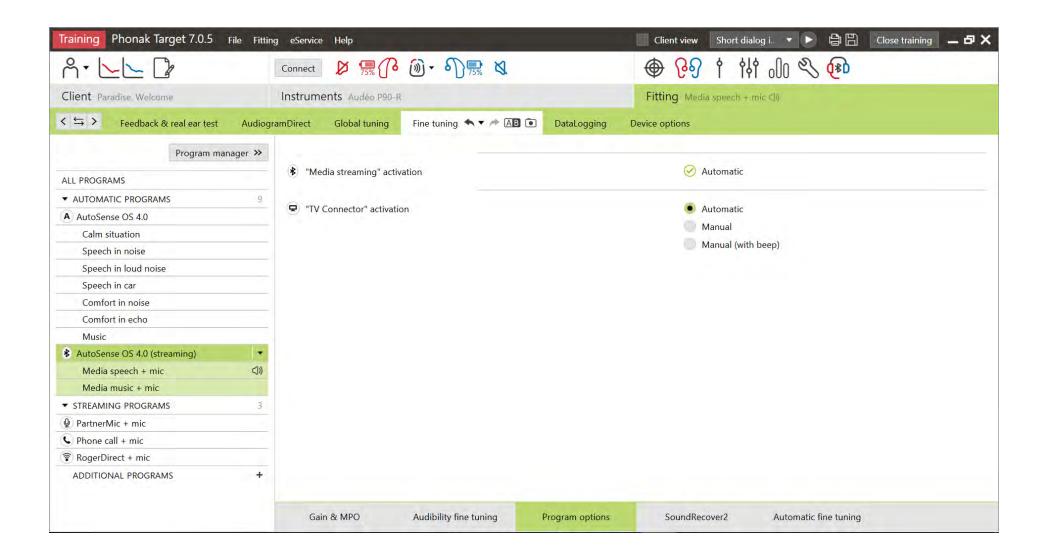


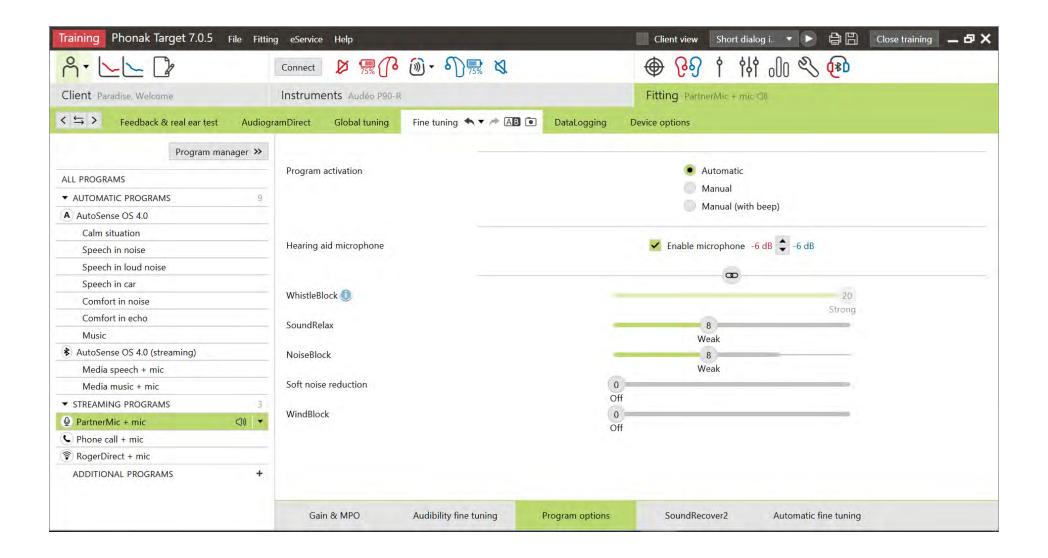


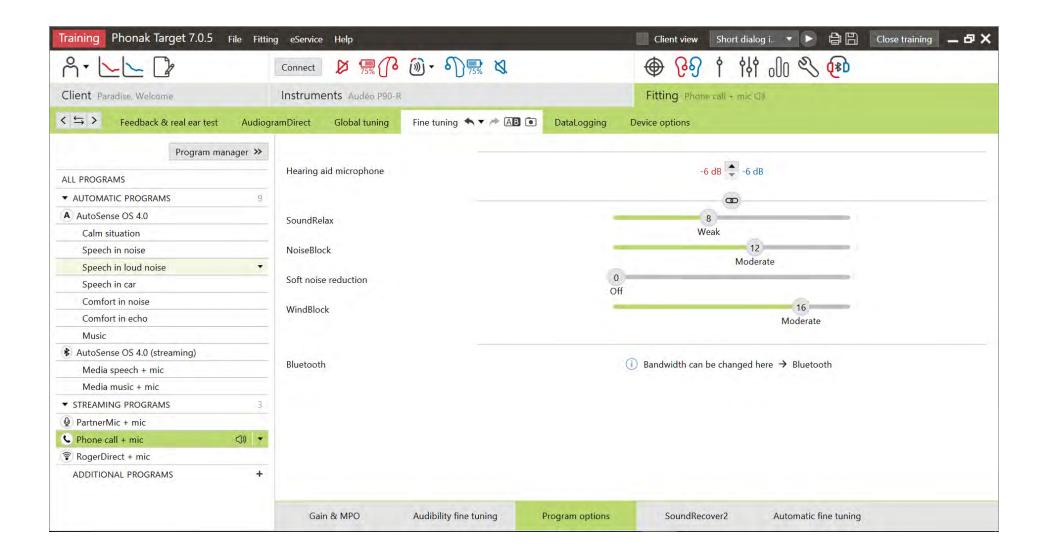


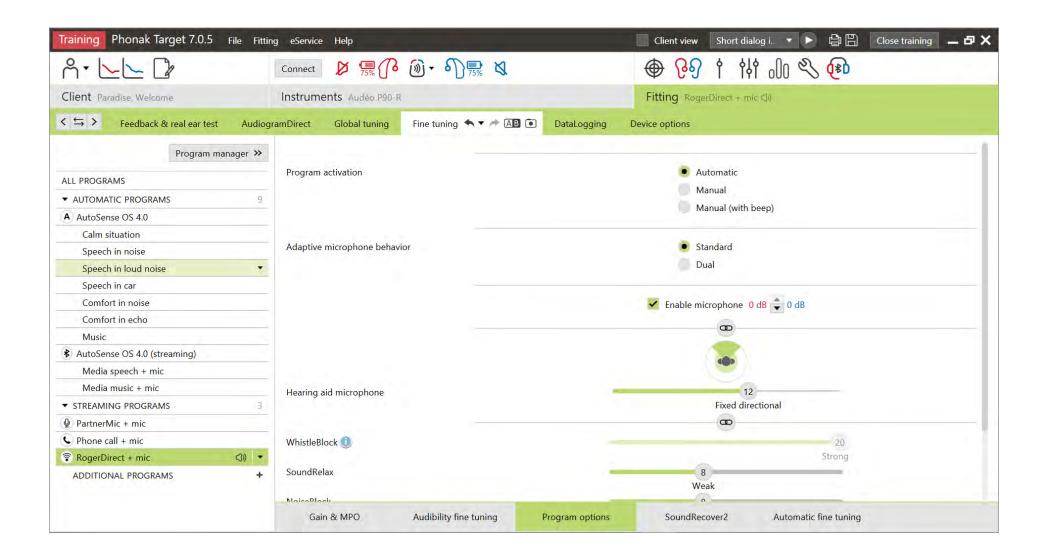


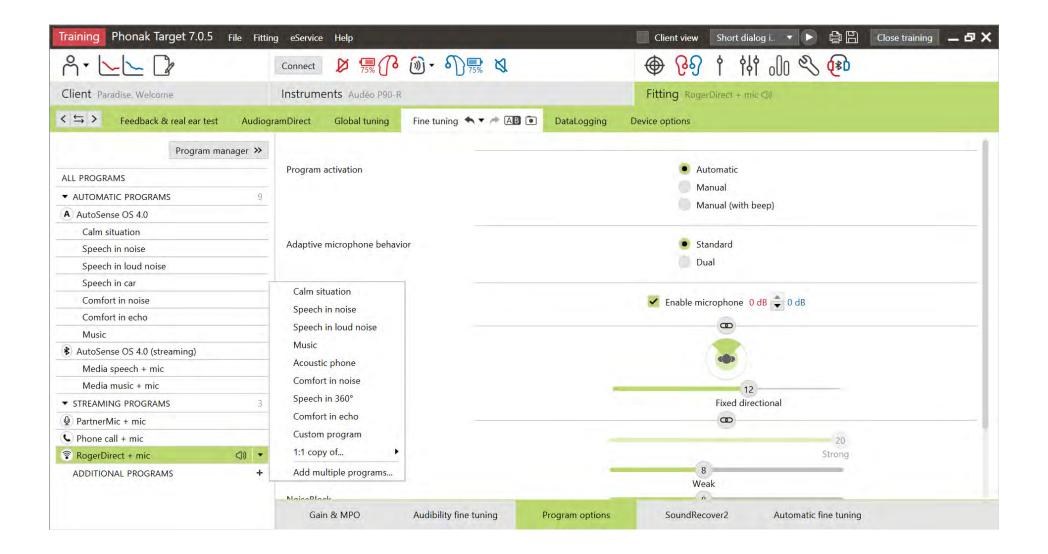


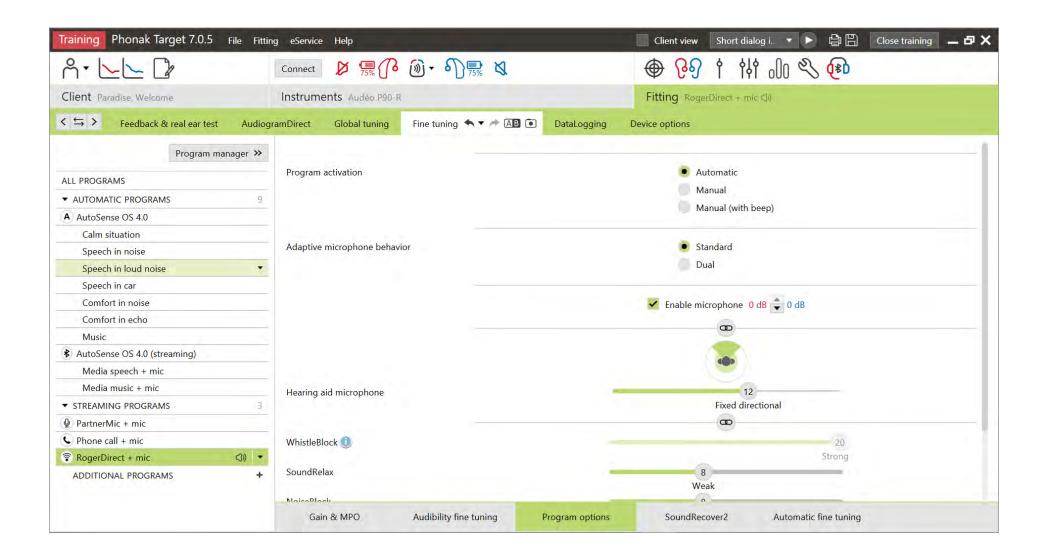


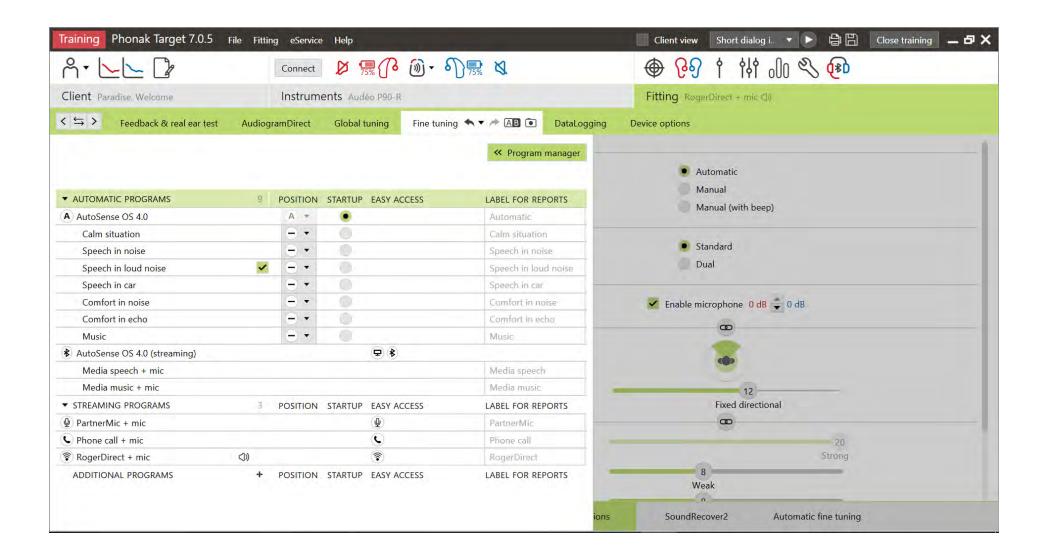


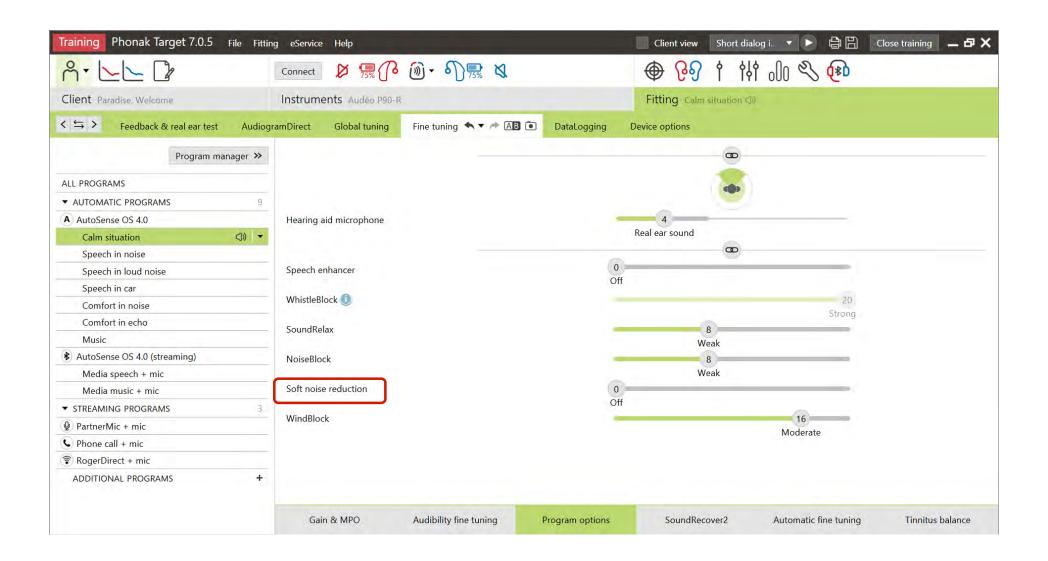


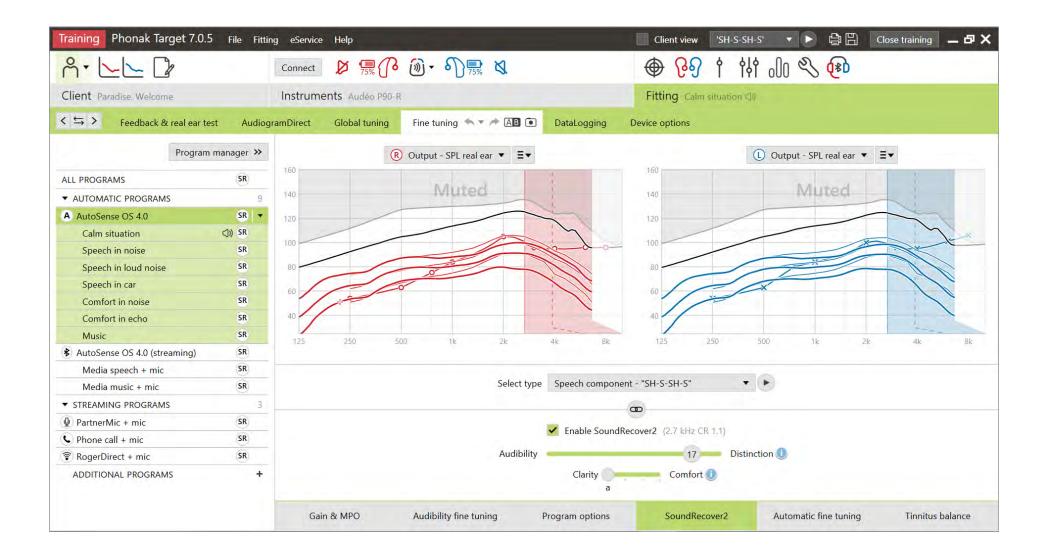


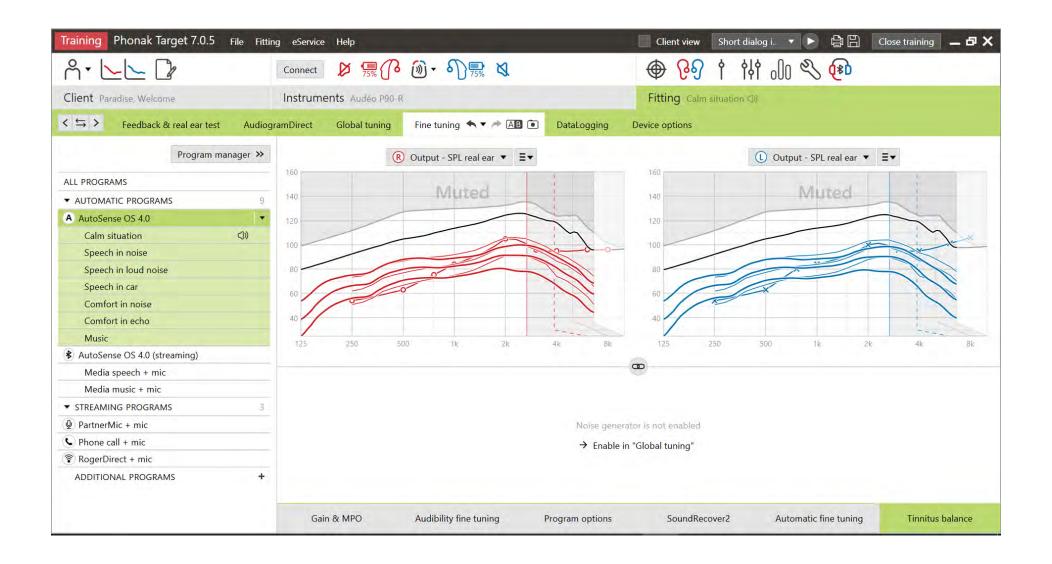


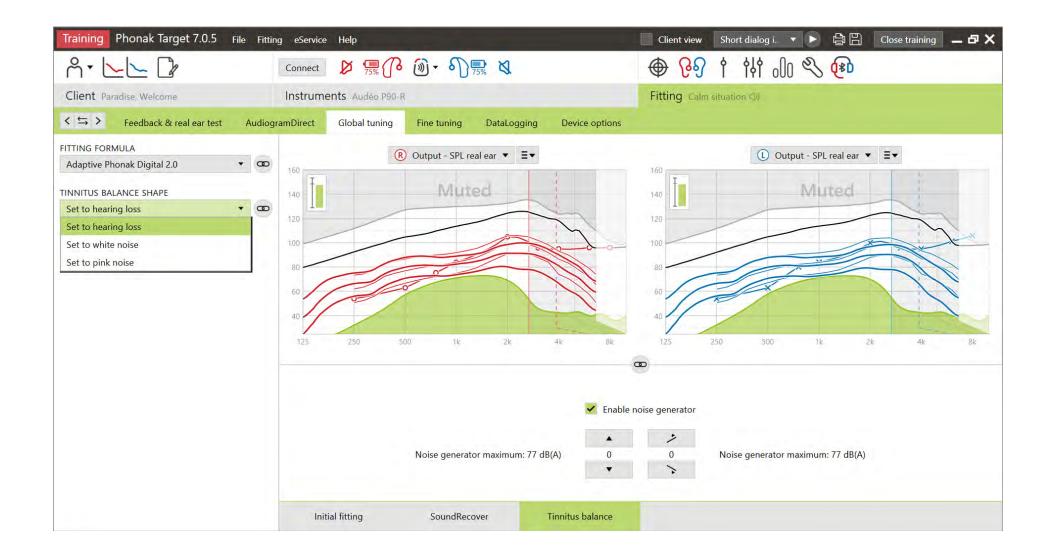


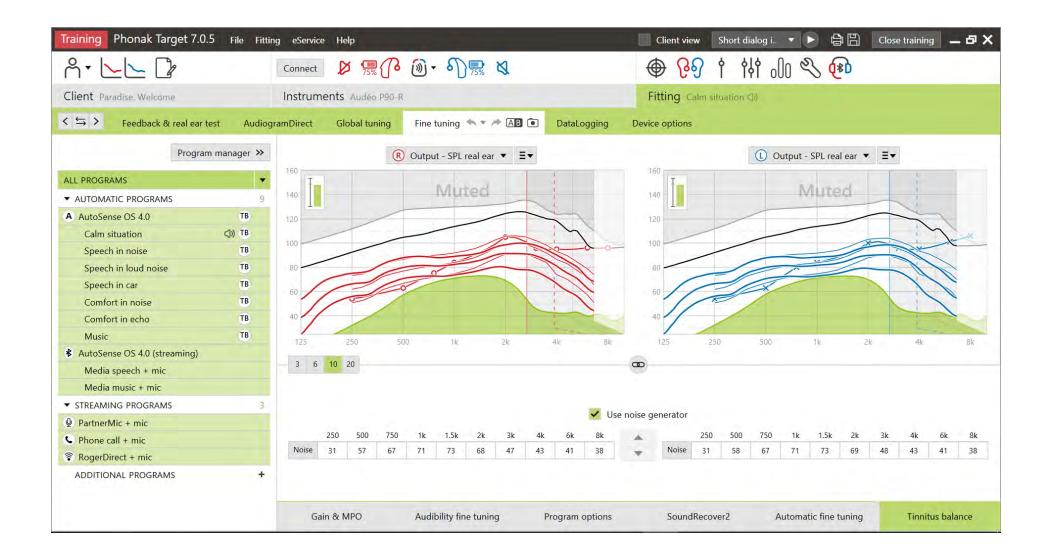


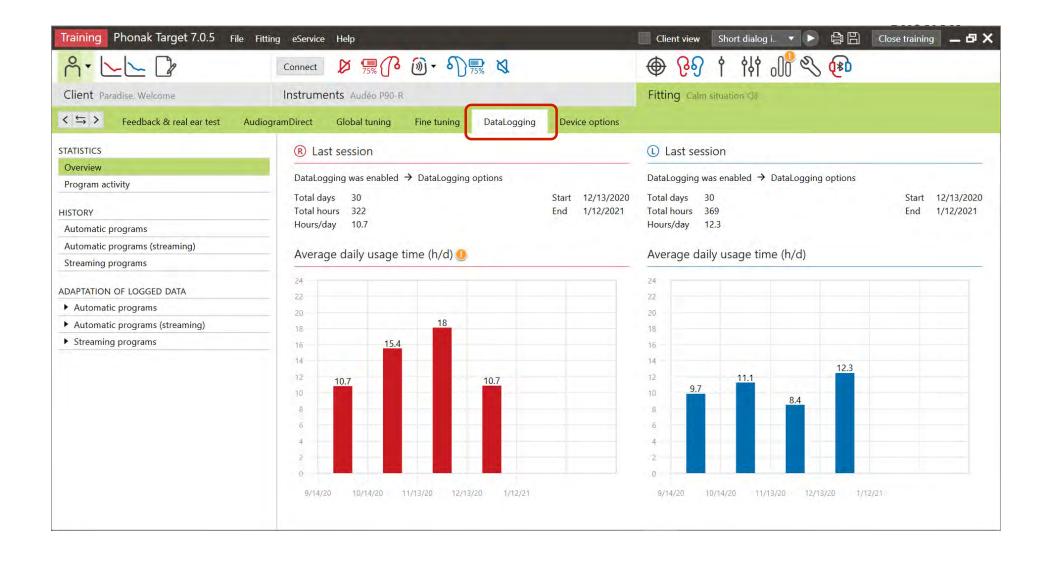


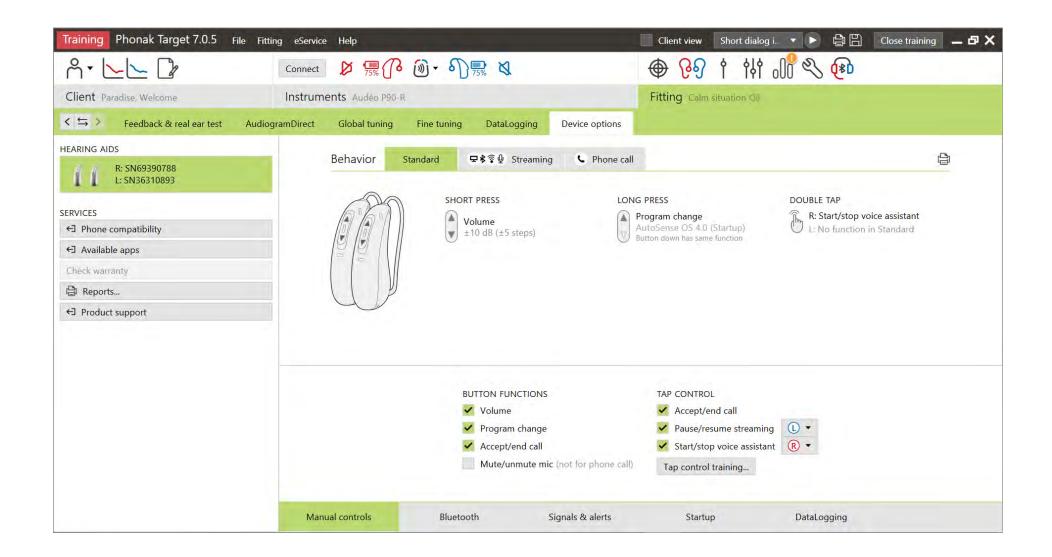






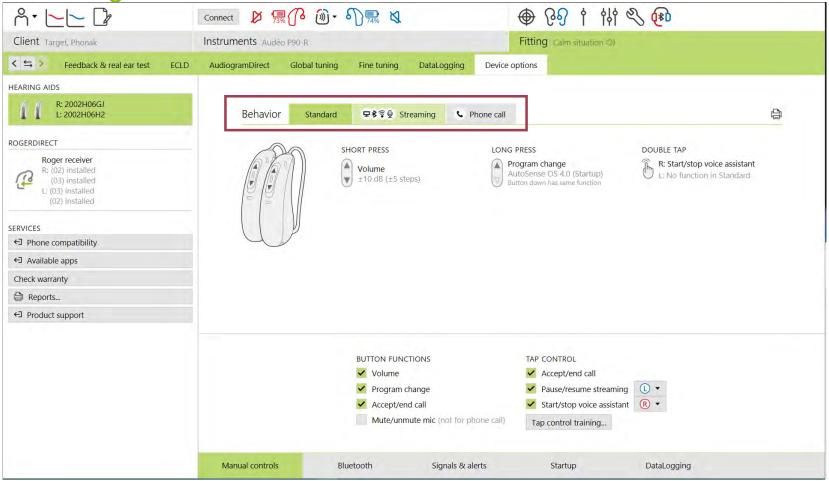






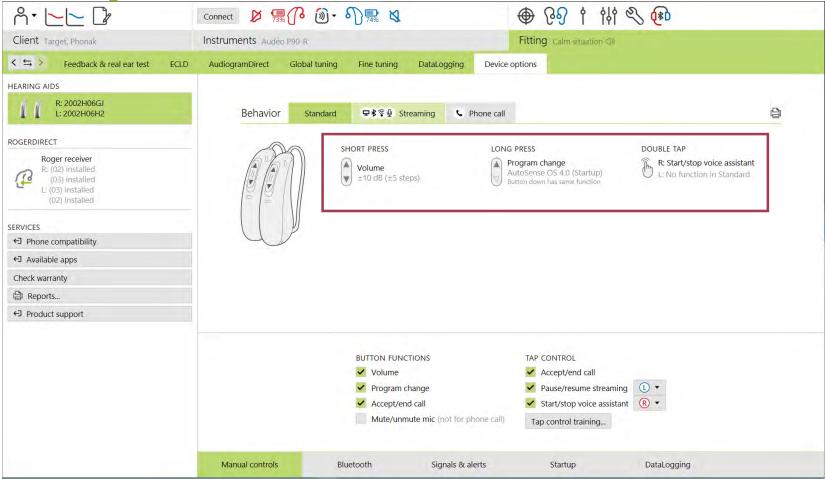
### Behavior configurations





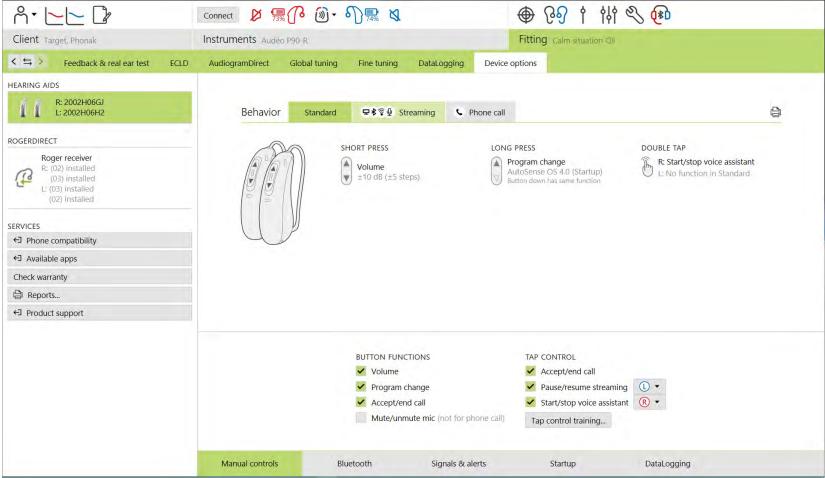




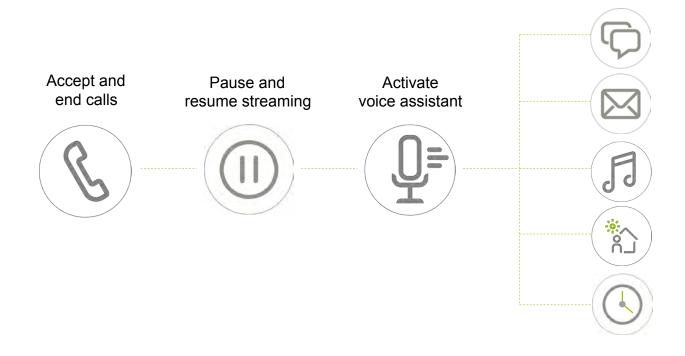




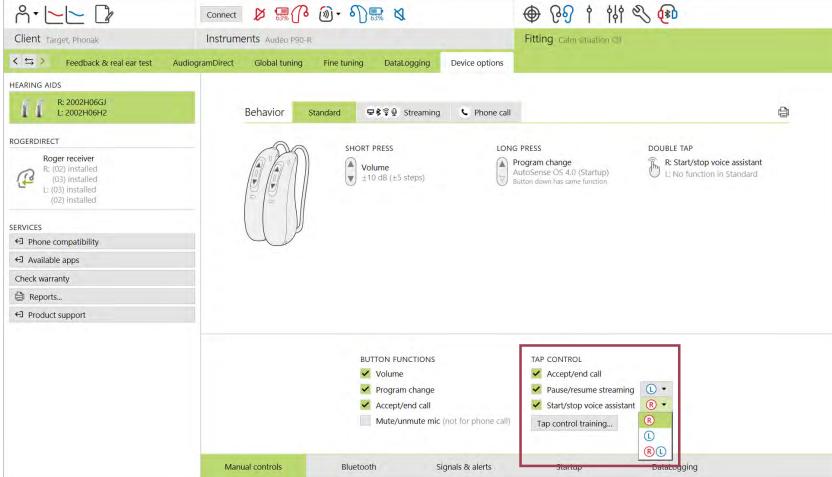




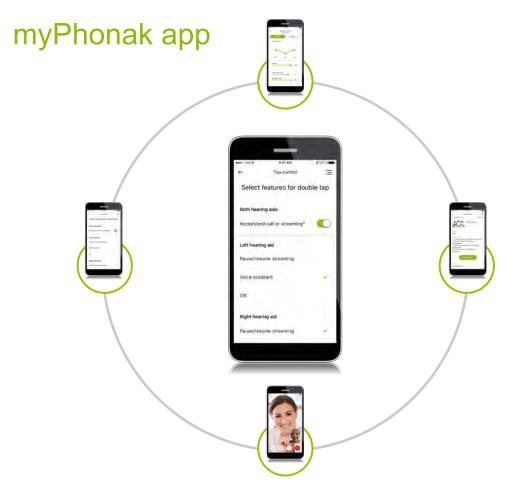






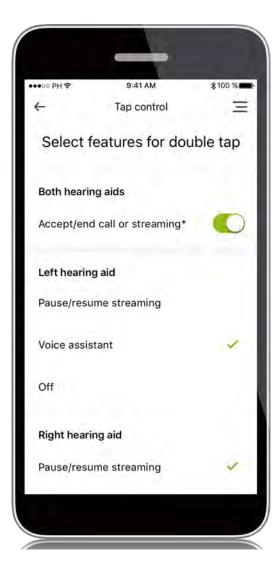






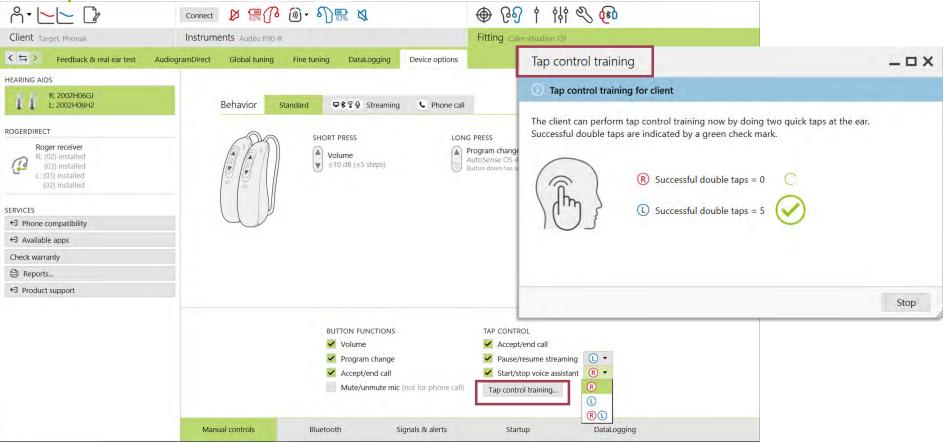
#### **My Hearing Aids**

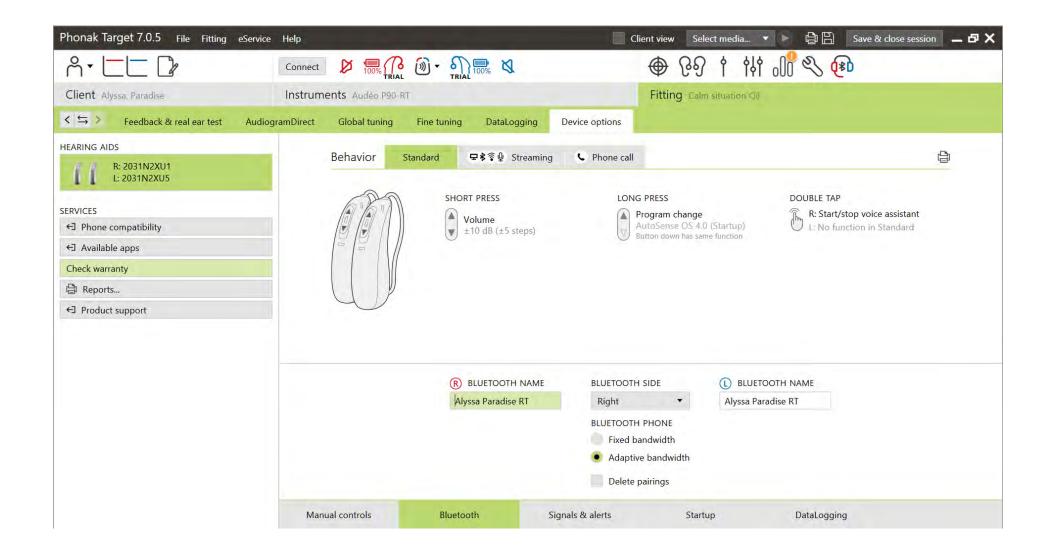
Updated with new Paradise features

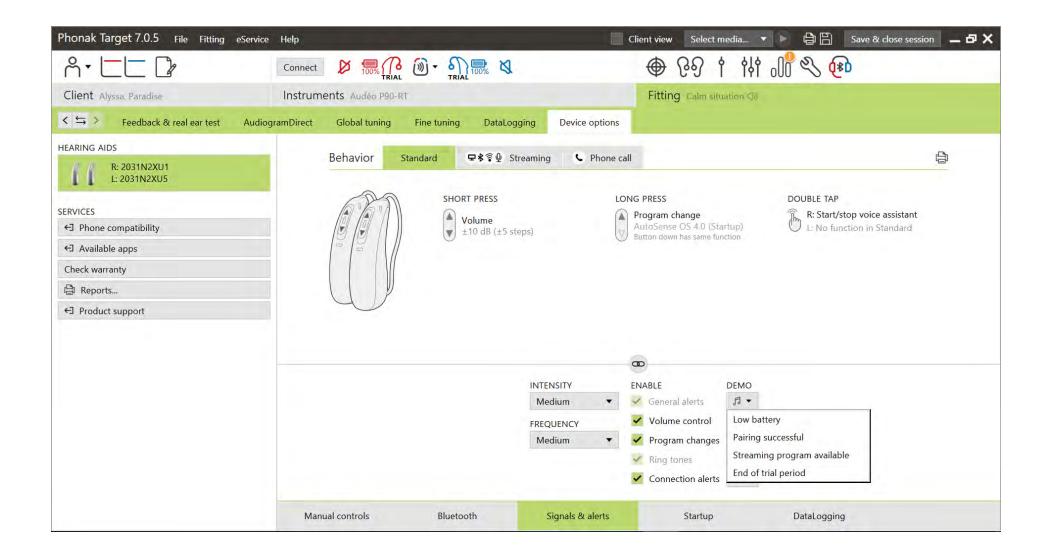


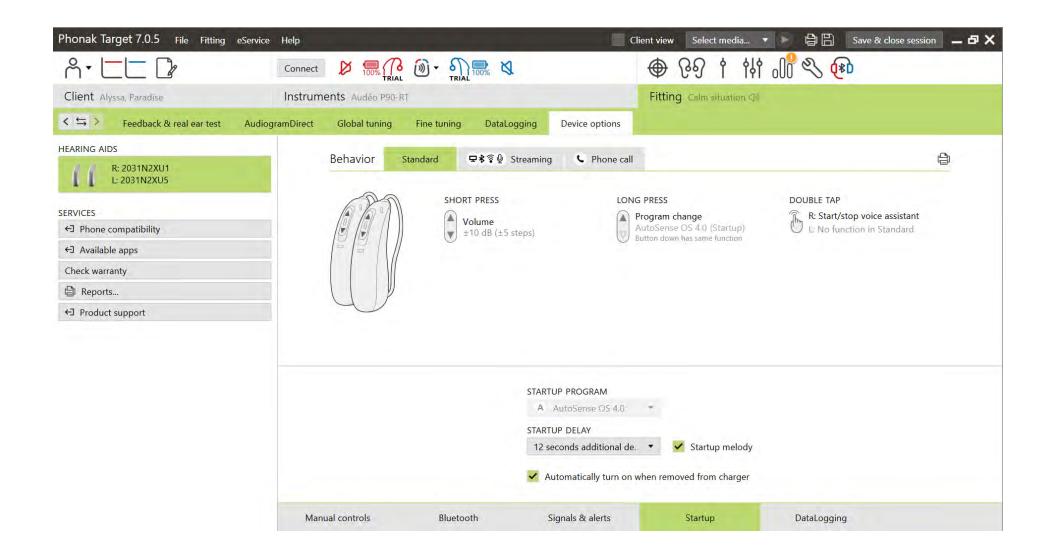


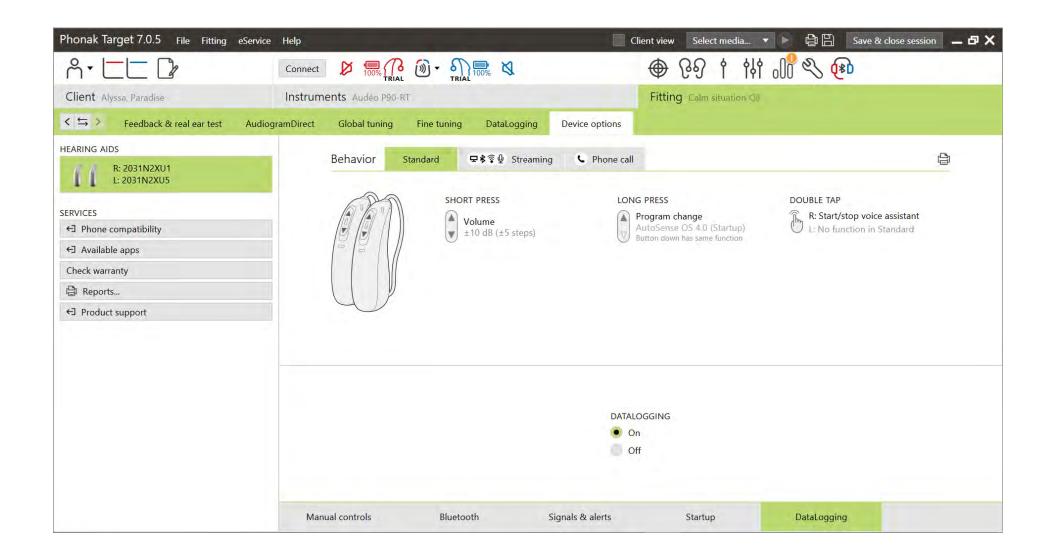


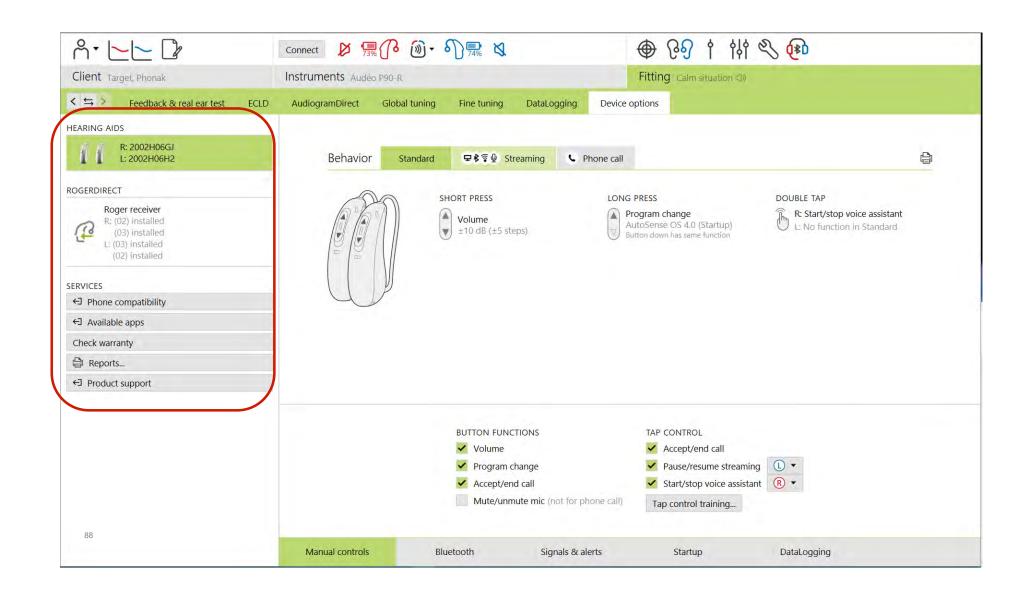






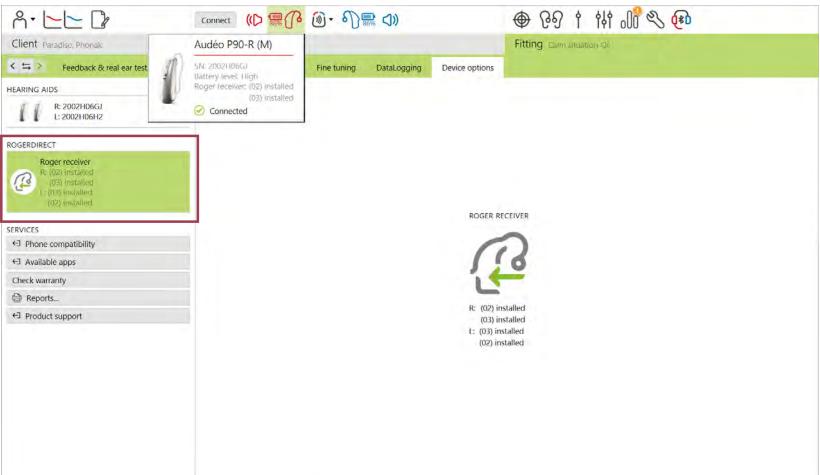






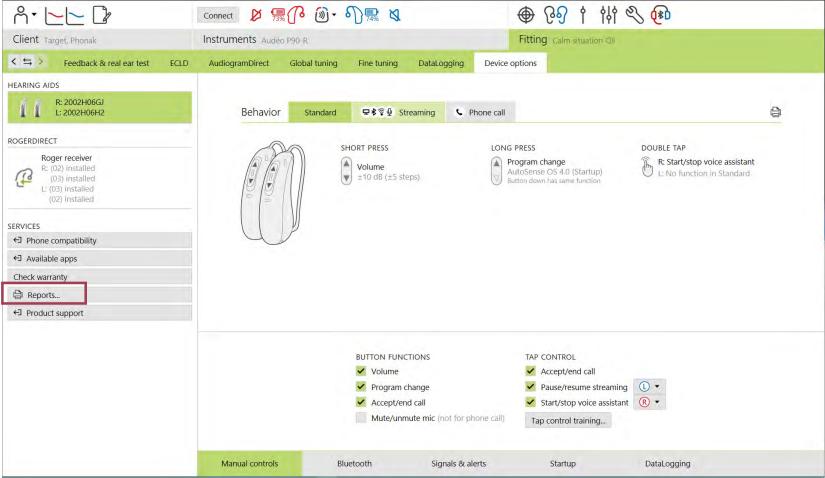
#### RogerDirect™ status

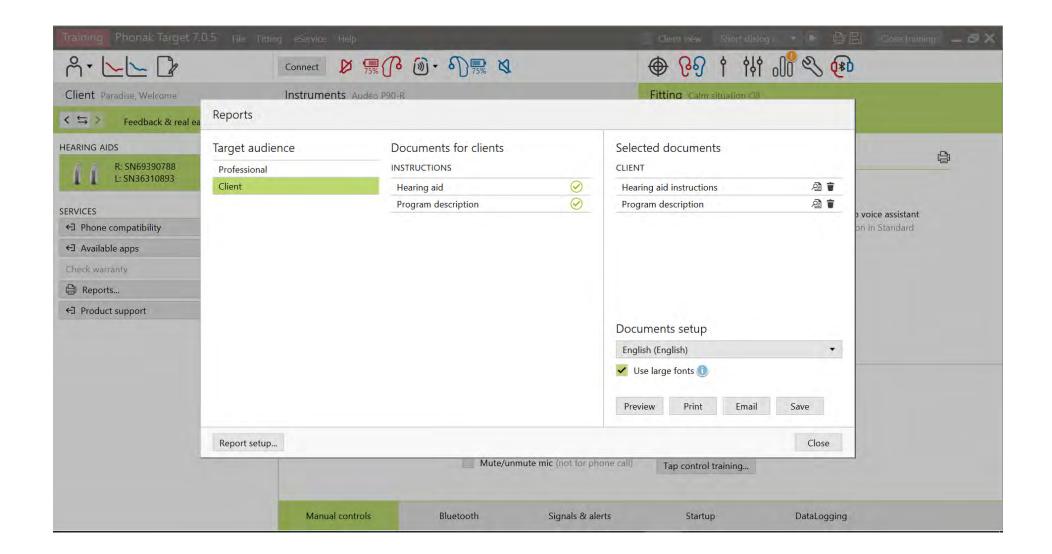


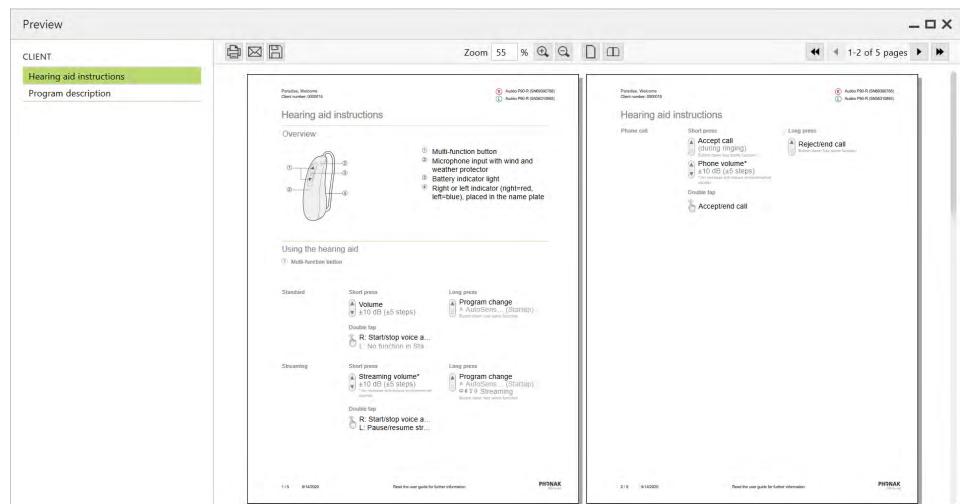


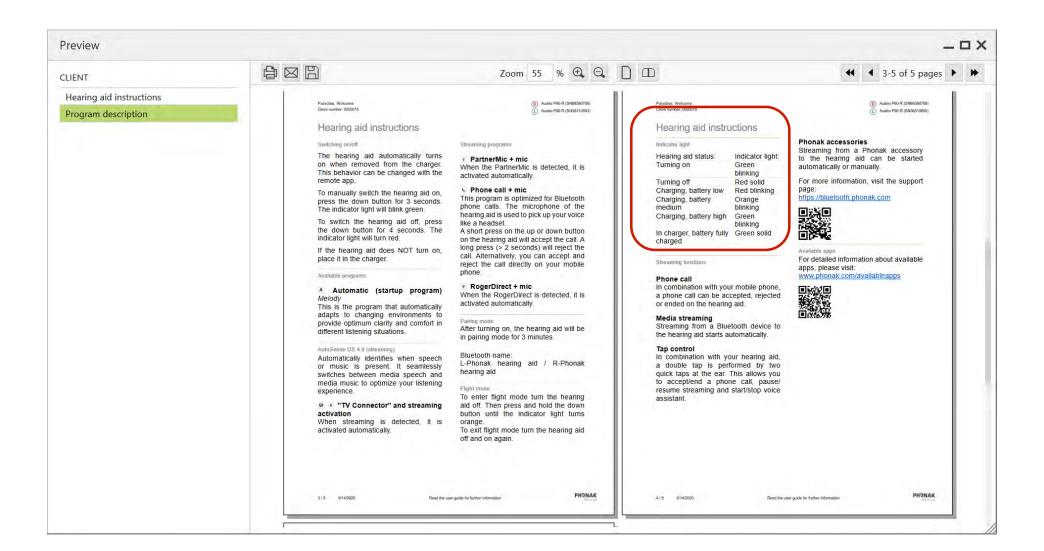
Printing a customized report







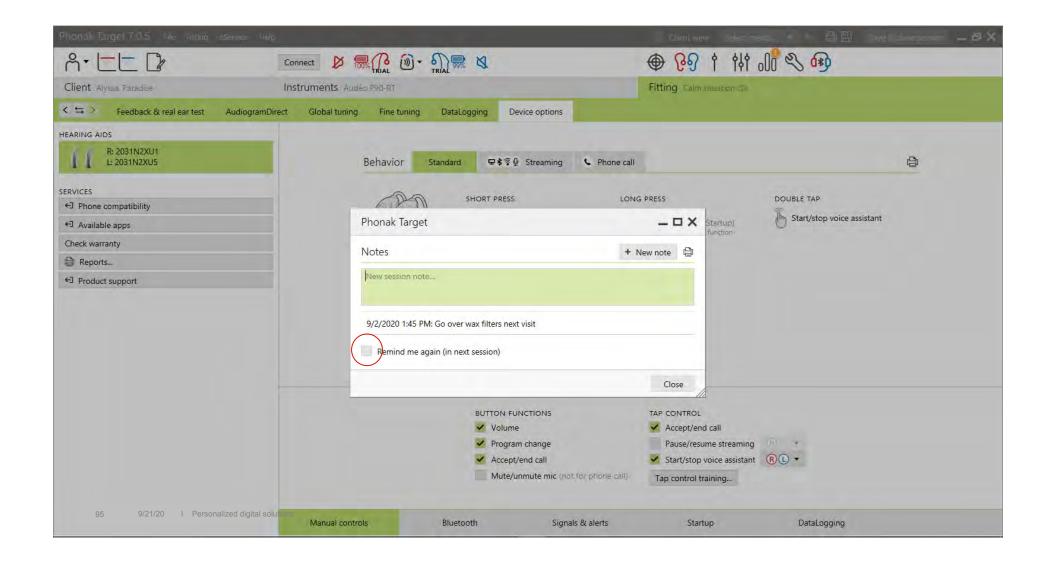


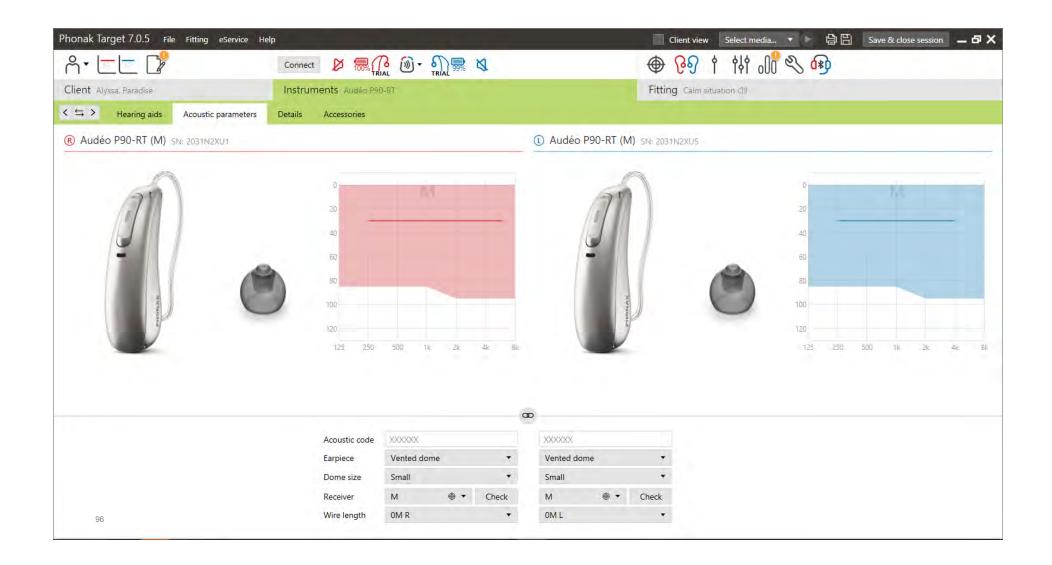


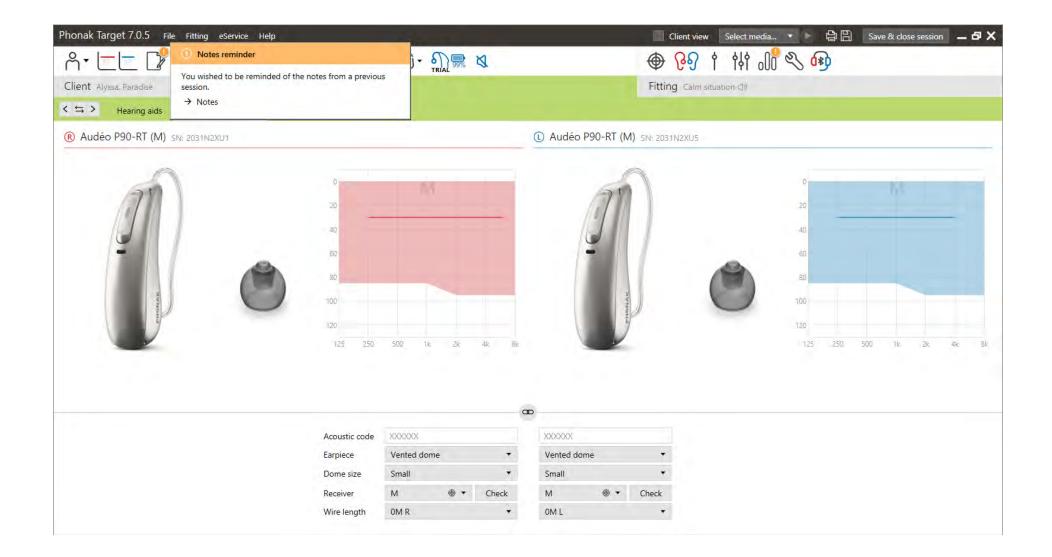
PHONAK life is on

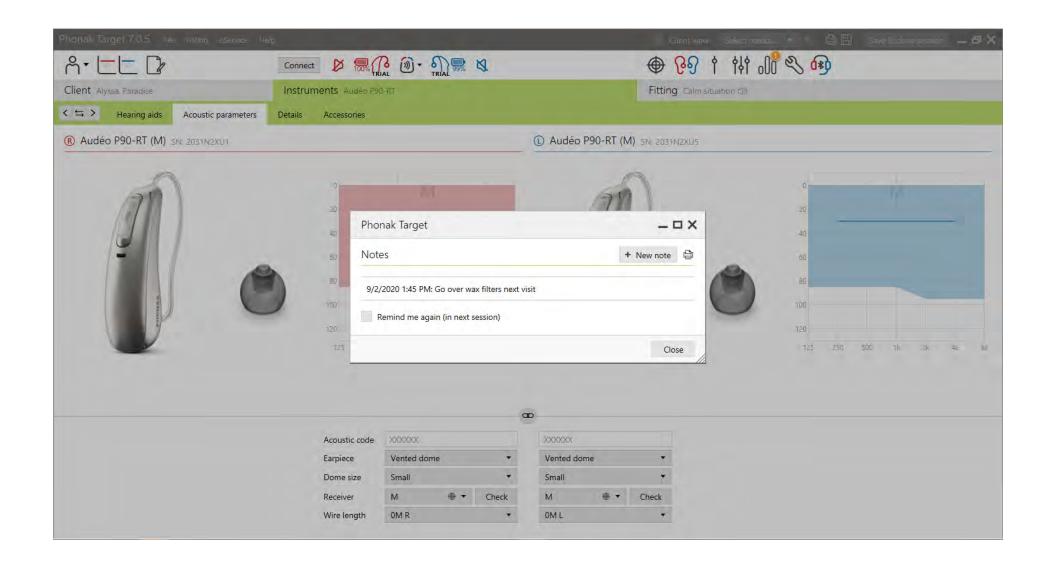
Client notes

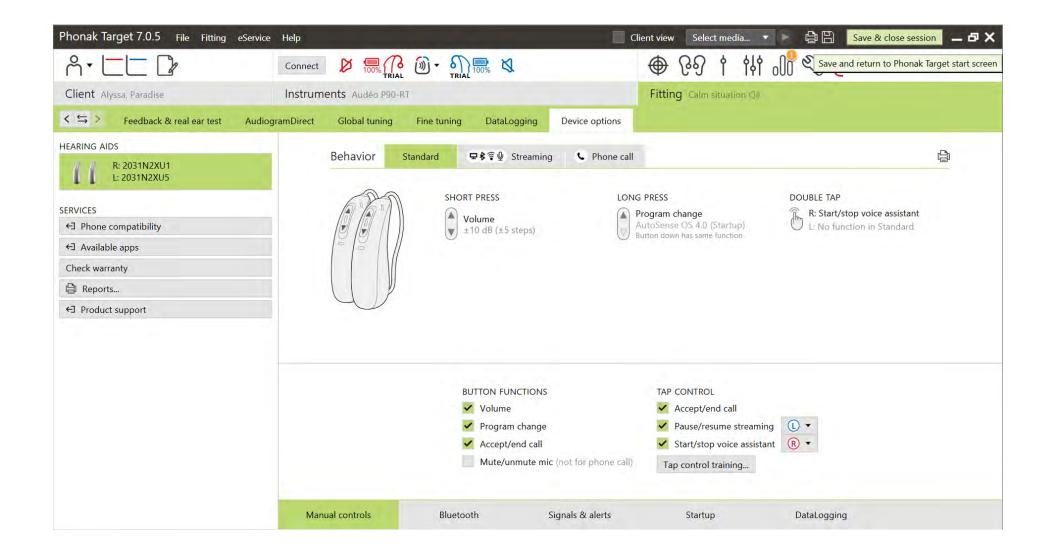


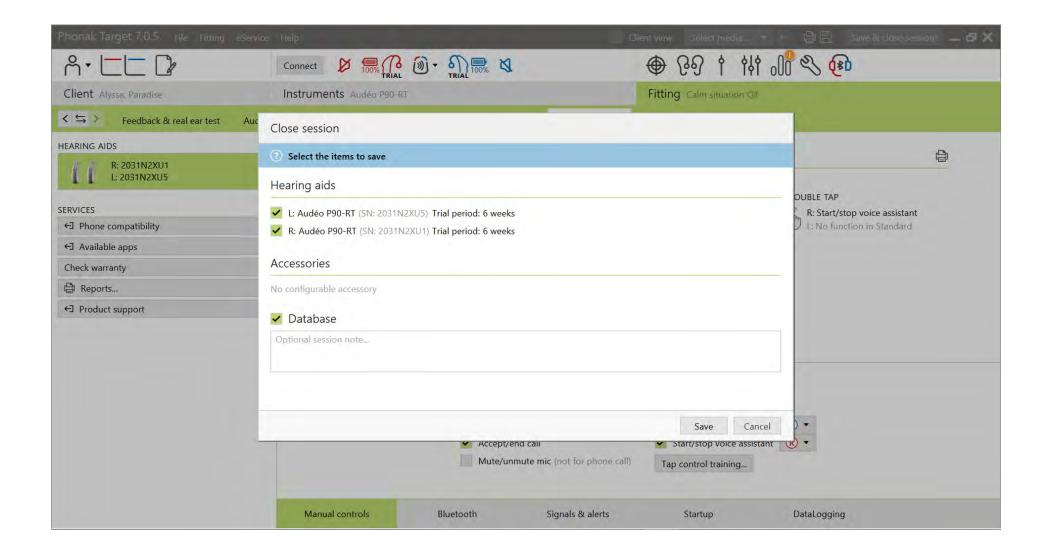


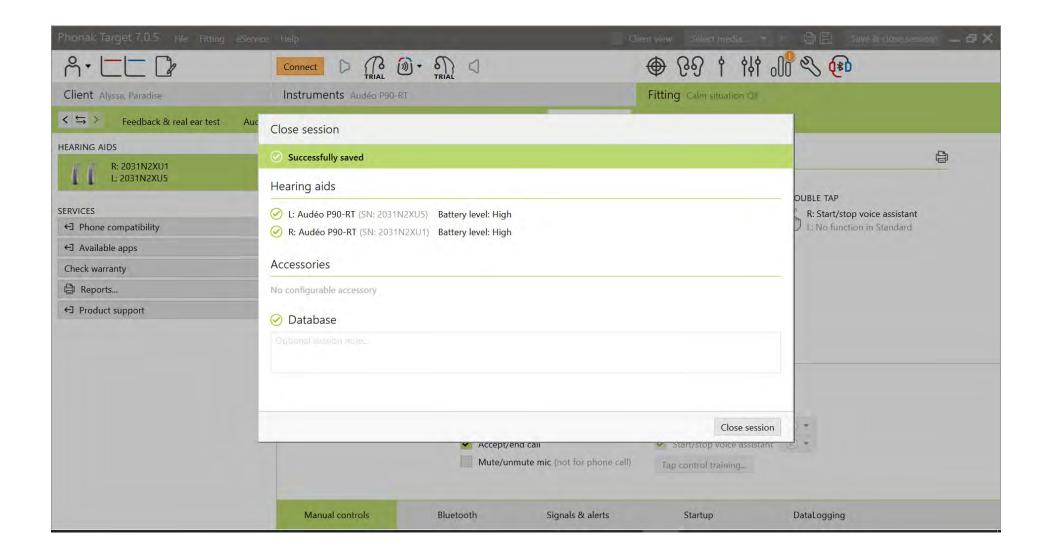












# Audeo Paradise and unrivaled sound quality











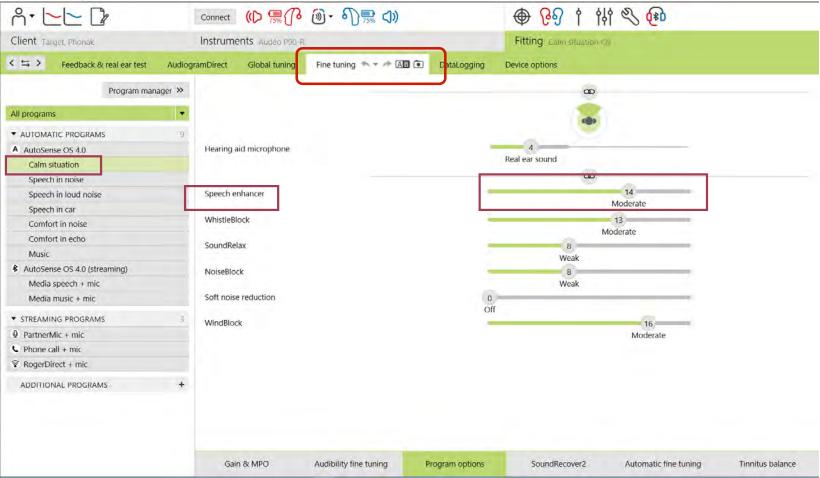
# Speech Enhancer

More gain of soft speech inputs



#### Target 7.0: Speech Enhancer





# Dynamic Noise Cancellation

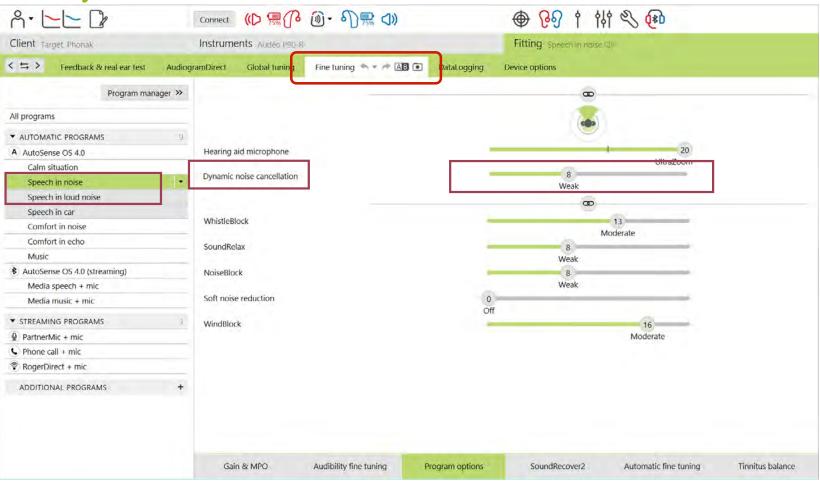
Up to 4 dB improvement in SNR in challenging environments

Client-driven personalization with myPhonak 4.0 app



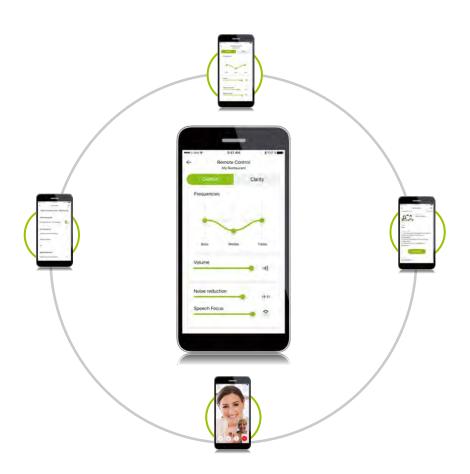
# Target 7.0: Dynamic Noise Cancellation





# The myPhonak app: What's new?



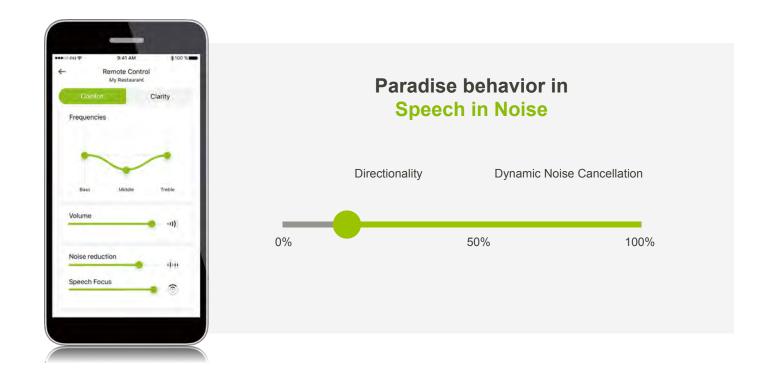


### **Remote Control**

Hearing aid personalization in real time



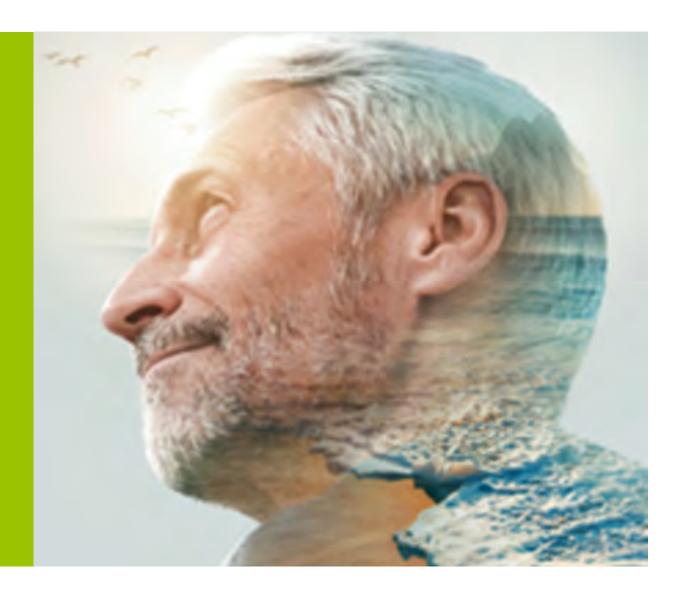




## Motion Sensor Hearing

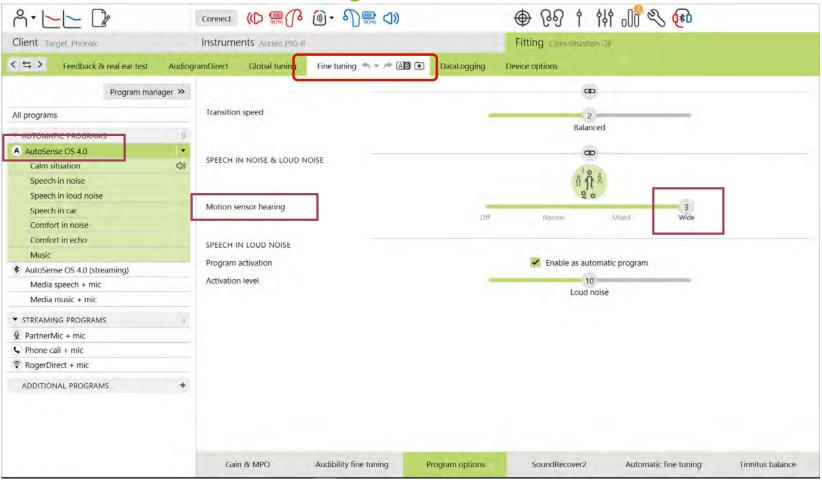
Higher preference rating for:

Speech intelligibility
Localization
Overall listening experience
Sound quality



## Target 7.0: Motion Sensor Hearing





# Fitting Paradise in 7 steps











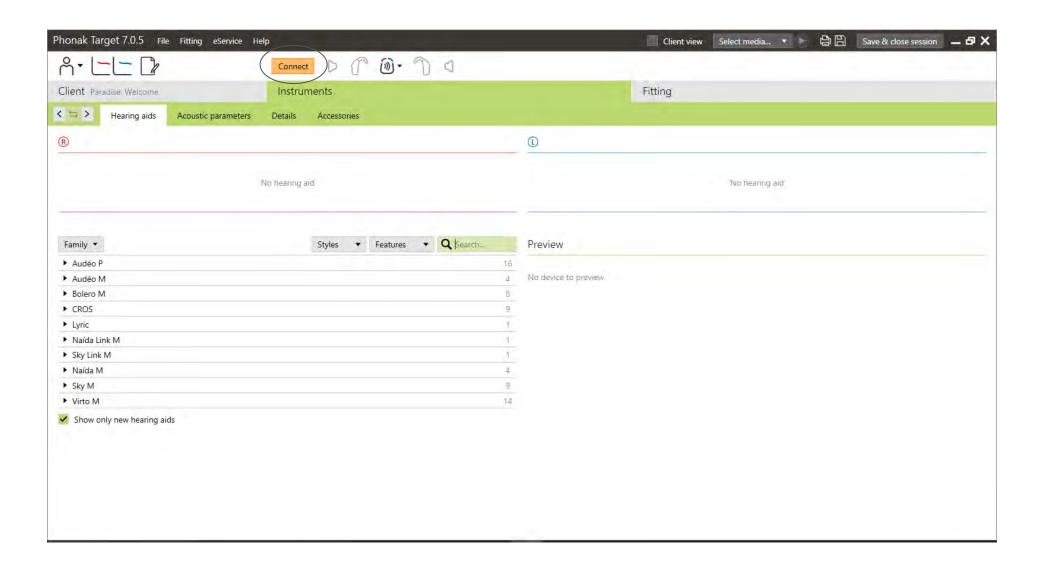


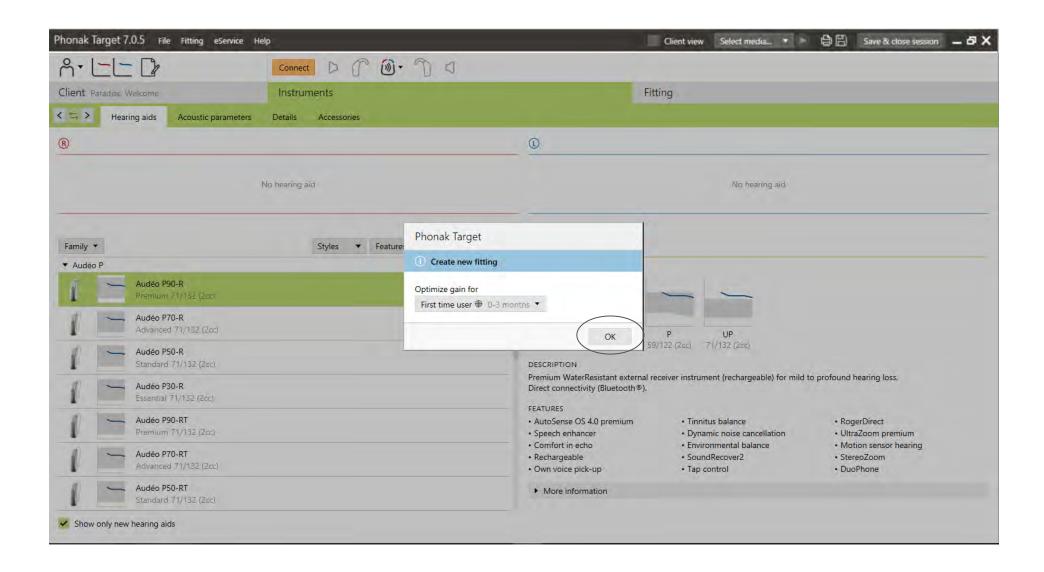


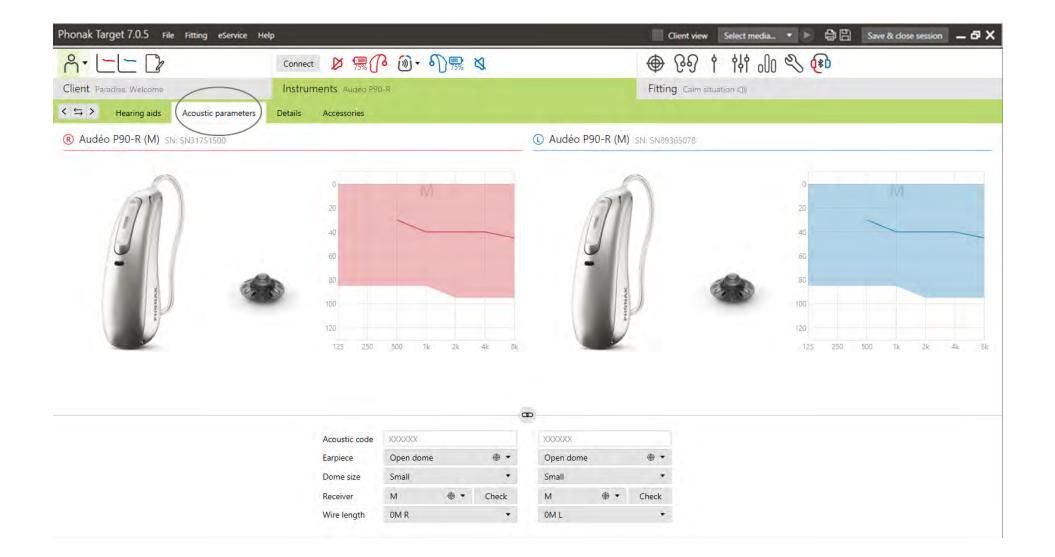




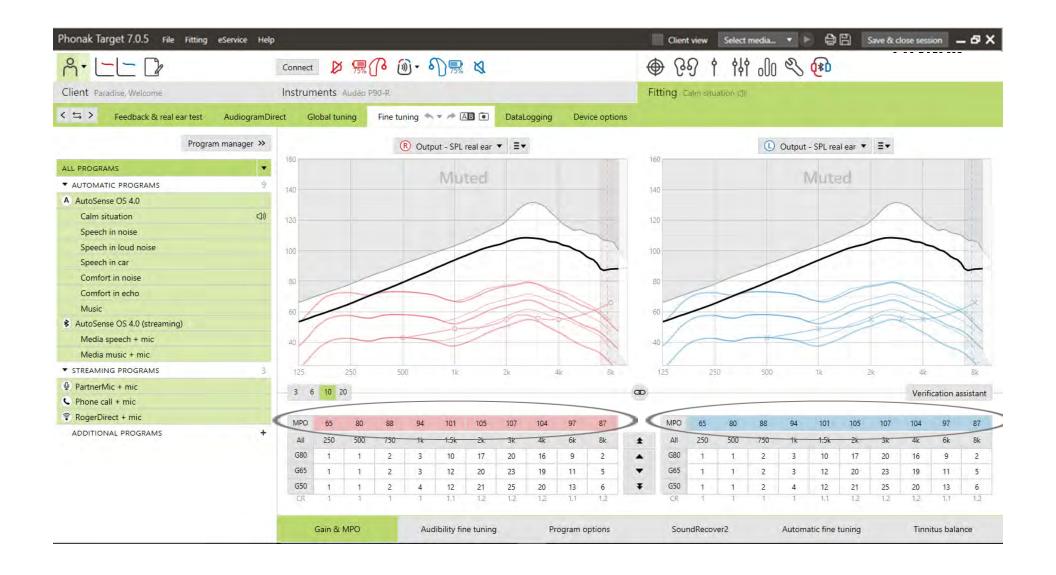
- 1) Connect
- 2) Select gain level
- 3) Check that acoustic parameters match in Target and in patients ears
- 4) Run feedback test
- 5) Increase MPO overall
- 6) Devices options tab-Manual controls tab: confirm button is doing what you would like Bluetooth tab: Bluetooth name- type in name for right and left ears
- 7) Save and close

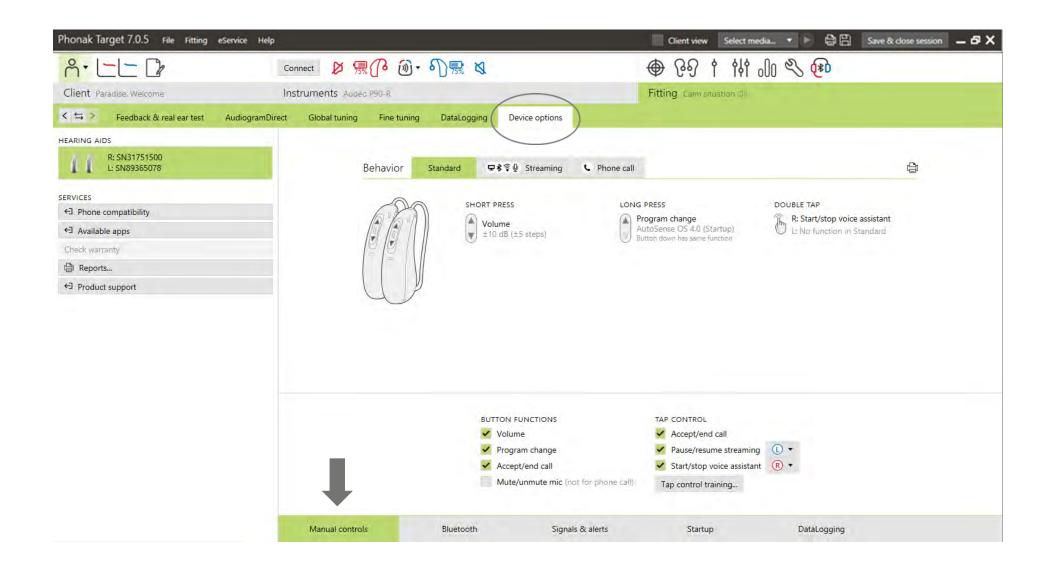


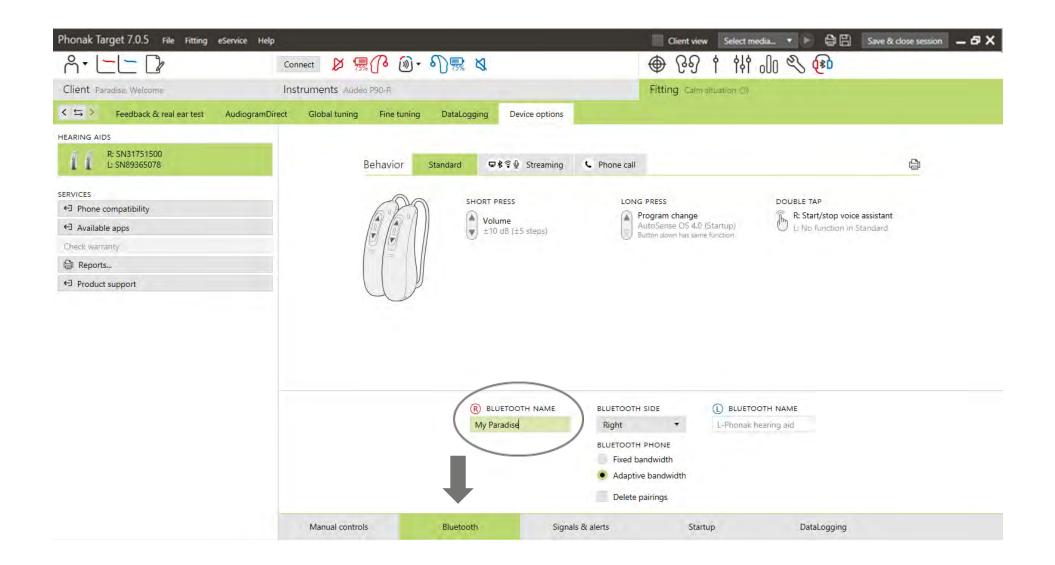


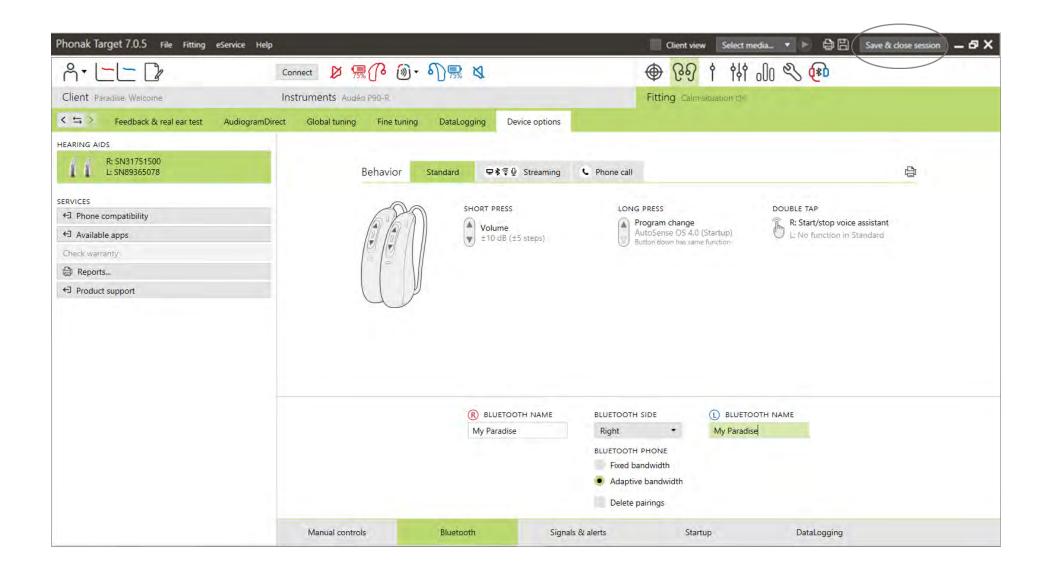












## Key innovations of Audéo Paradise



#### **Unrivaled sound quality**

- New sound processing chip PRISM™
- New motion sensor
- New Adaptive Phonak Digital 2.0
- New AutoSense OS<sup>™</sup> 4.0
  - Speech Enhancer
  - Dynamic Noise Cancellation
  - · Motion Sensor Hearing



#### **Universal connectivity**

- Connects to smartphones, TV & more
- Made For All
- Multiple Bluetooth® connections
- New Tap Control for easy access to Bluetooth functionalities

#### Personalized digital solutions

- New Hearing Screener 2.0
- New myPhonak 4.0 app
  - Hearing Diary 2.0
  - AudiogramDirect (via Remote Support)
  - Remote Control
- New Client Dashboard 2.0

Paradise is available with groundbreaking lithium-ion rechargeable technology

# Together, we change lives