

# Real world benefits delivered



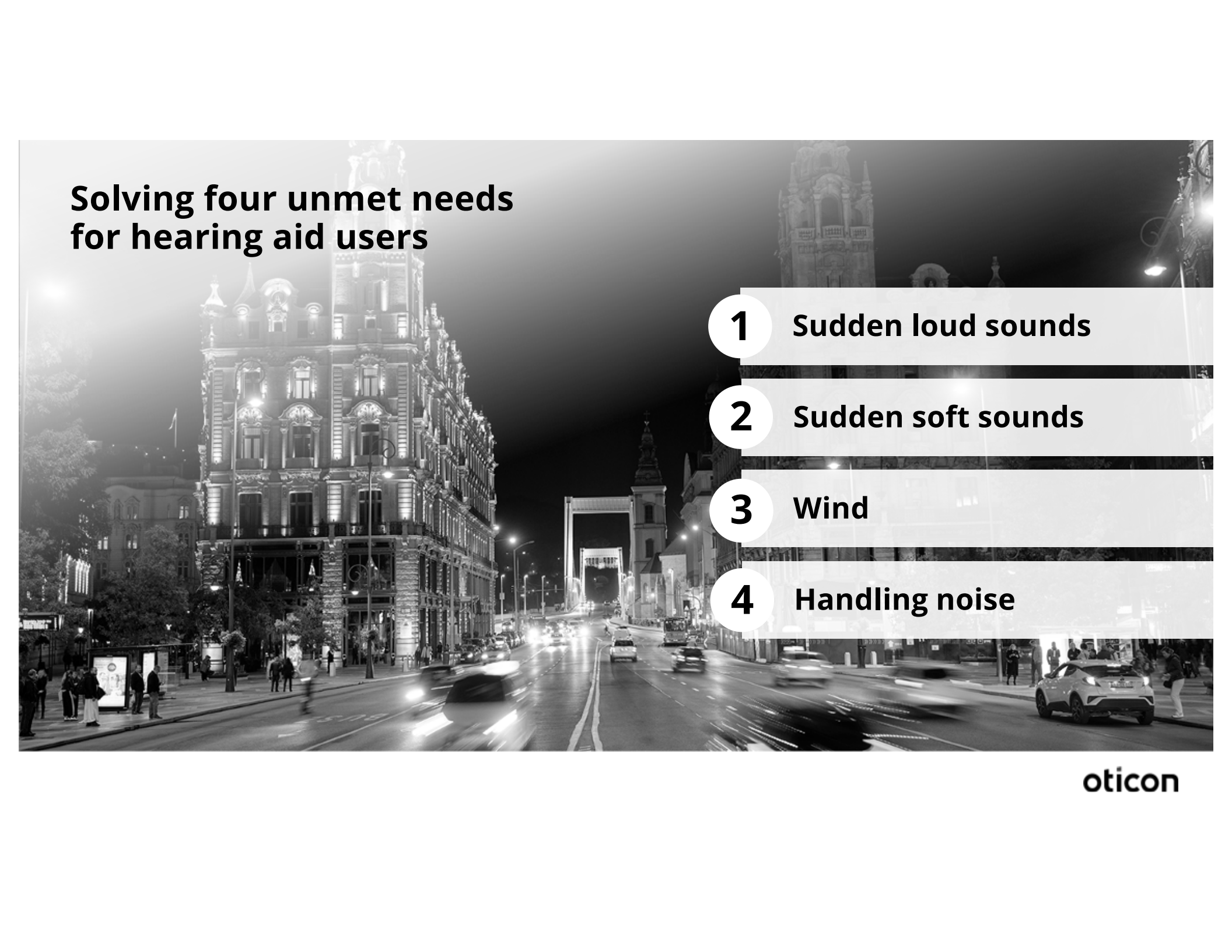
Kirstie Taylor, Au.D.  
Government Services Account Manager – Oticon – Central Territory



# Learner Outcomes

- 1. After this course, participants will be able to list the two new features in Oticon Real, Wind & Handling Stabilizer and Sudden Sound Stabilizer.
- 2. After this course, participants will be able to discuss the instrument, accessory and connectivity options on the Oticon VA hearing aid contract.
- 3. After this course, participants will be able to discuss the benefits of Oticon's new earmold material OtoTherm.

This course was created to cover our product updates to the May 2022 Government Services contract. This course will allow Government Services audiologists to be updated on the latest technology added to contract.



## **Solving four unmet needs for hearing aid users**

**1 Sudden loud sounds**

**2 Sudden soft sounds**

**3 Wind**

**4 Handling noise**

**oticon**

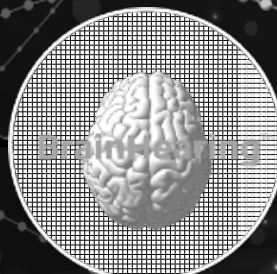
The next chapter in Oticon's  
BrainHearing journey



Oticon Opn™



Oticon Opn S™



BrainHearing 2.0



Oticon More™



Oticon Real™

oticon

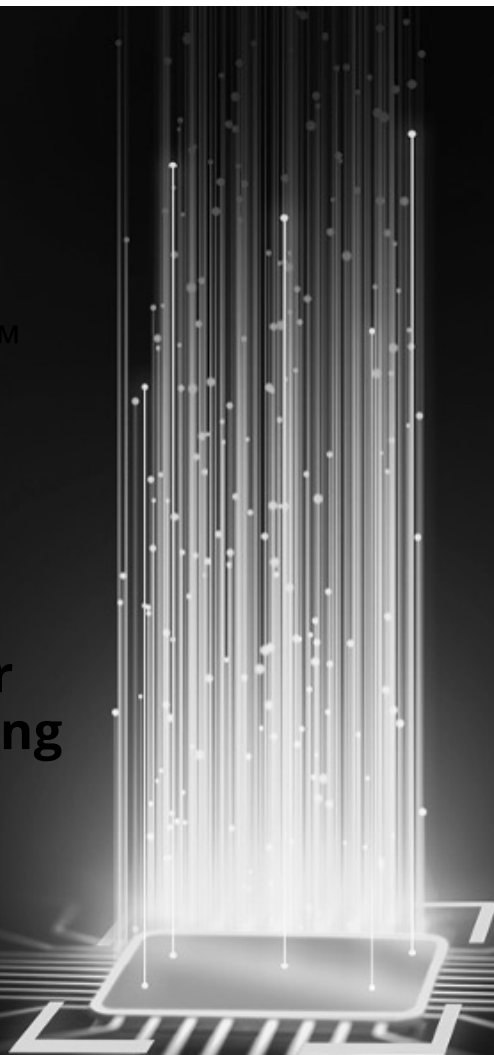
# Polaris R™

Powers  
RealSound Technology™  
in Oticon Real™

Features an onboard  
Deep Neural Network  
(DNN)

Runs new detectors for  
fast and precise processing  
of disruptive sounds

Future ready for wireless  
updates





Oticon Government Services

# Oticon Solutions for Everyone

# **Oticon Real overview**



**Real sound.  
Real benefits**

**The Oticon Real family**



miniRITE R



miniRITE T



miniBTE R



miniBTE T

**Stay charged at home or on the go**



# Oticon Real

7 standard colors, Hear Pink & Olive Green



**C044**  
Silver



**C091**  
Silver Grey



**C092**  
Steel Grey



**C063**  
Diamond Black



**C093**  
Chestnut Brown



**C094**  
Terracotta



**C090**  
Chroma Beige



**C079**  
Hear Pink



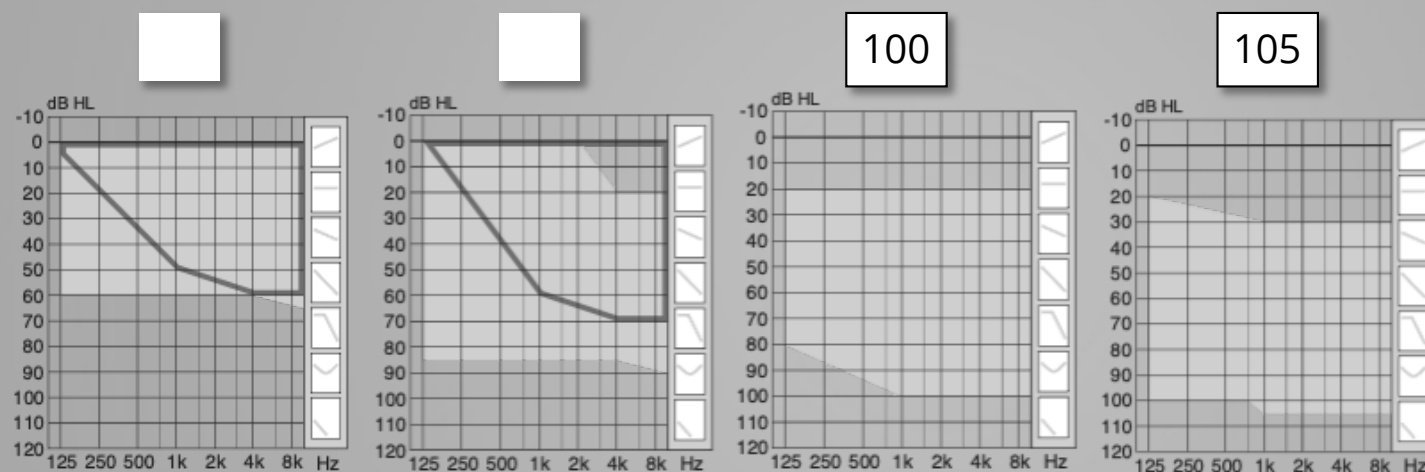
**C114**  
Olive Green

**miniRITE R  
only**

# Oticon Real

Covering a wide range of hearing loss

## miniRITE



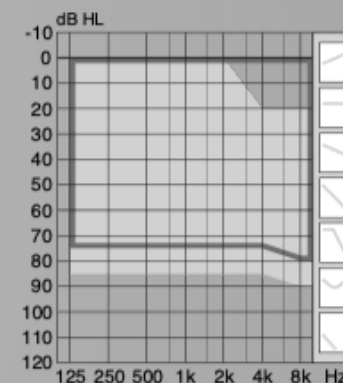
 Mold, Bass & Power dome

 OpenBass dome

 Power receiver mold, Bass & Power dome

 Power receiver Mold

## miniBTE



 Hook

 Corda miniFit (thin tube)

# Oticon More™

World's first hearing aids with on-board DNN



Oticon More  
miniBTE R



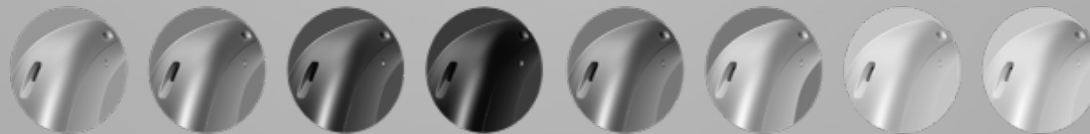
Oticon More  
miniBTE T



Oticon More  
miniRITE R



Oticon More  
miniRITE T



Oticon Government Services

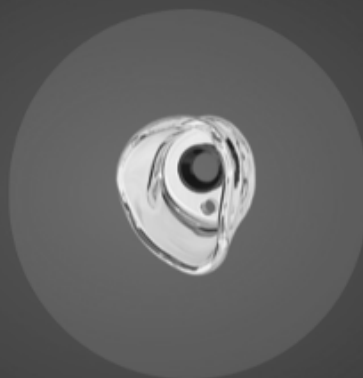
oticon

# ROES earmold options

Ordering flexibility for 180 days



**Standard Molds**



**Hollow Molds**

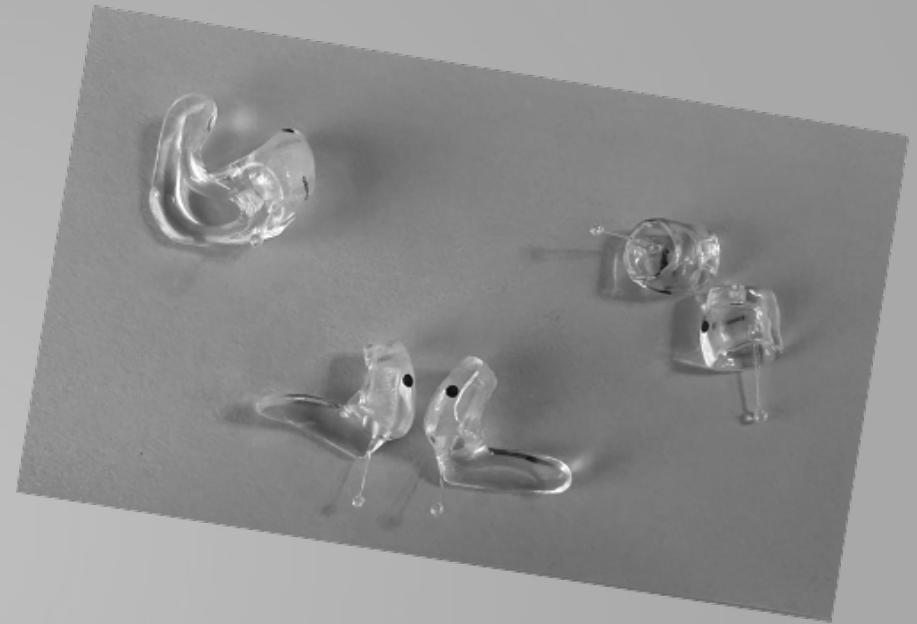


**Embedded Molds**

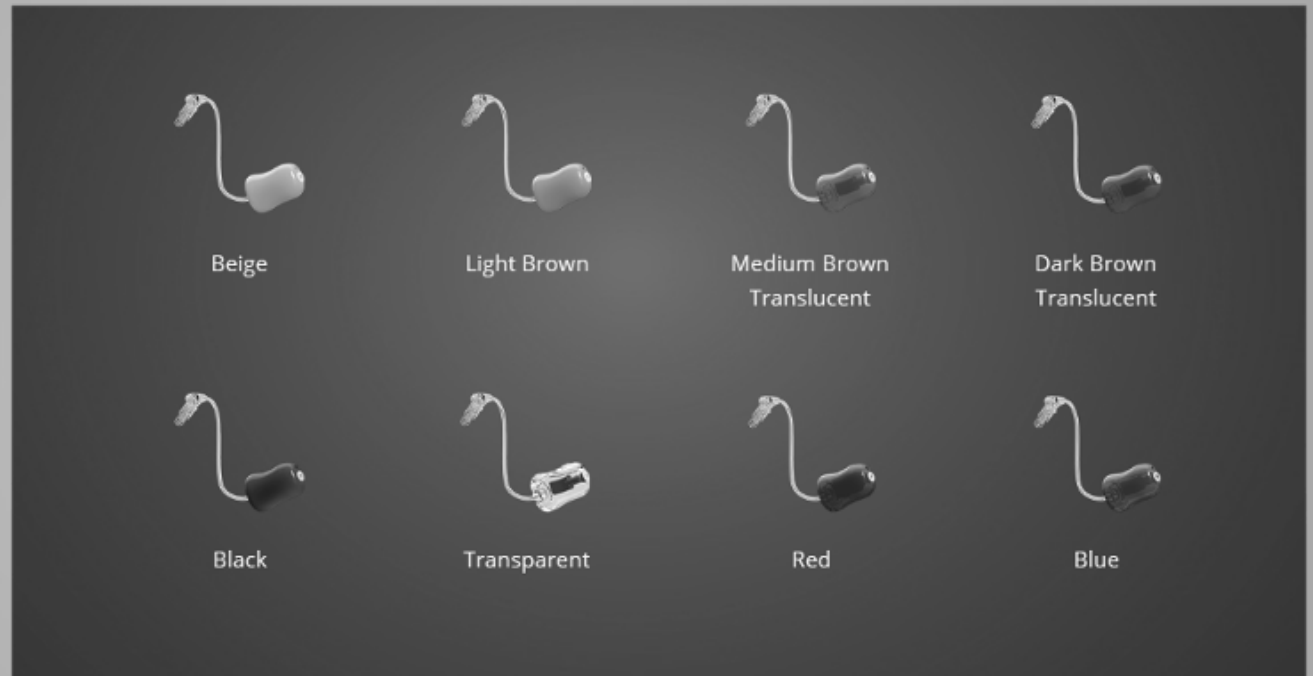
# Introducing OtoTherm™

An alternative to VarioTherm™

- Body temperature-reactive material
  - Fits deep in ear
  - Strong acoustic seal
  - Comfortable
- Clear material
  - Cannot be modified
- Available with Standard and Hollow Mold
  - 60 and 85 speakers
- How to change speakers:
  - Warm the OtoTherm mold with a hair dryer (1400W hair dryer is recommended) for about 5 seconds, at approximately 4 inches, before attaching the receiver.



# MicroShell





# Chargers

# SmartChargers

Default charger in ROES for both miniRITE and miniBTE

Protective Lid

Power Bank

Drying Capabilities

Quick Charge



\*Oticon miniBTE SmartCharger is compatible with Oticon More devices on Firmware 1.3.0 or newer

\*\*Oticon miniRITE SmartCharger is compatible with Oticon More devices on Firmware 1.1.1 or newer

**Oticon Government Services**

**oticon**

# Desktop Chargers

miniRITE and miniBTE

Easy insertion and removal

Contact Free

Quick Charge



Oticon CROS  
Oticon CROS PX



# Oticon CROS Family

Oticon CROS PX -18 hours of use

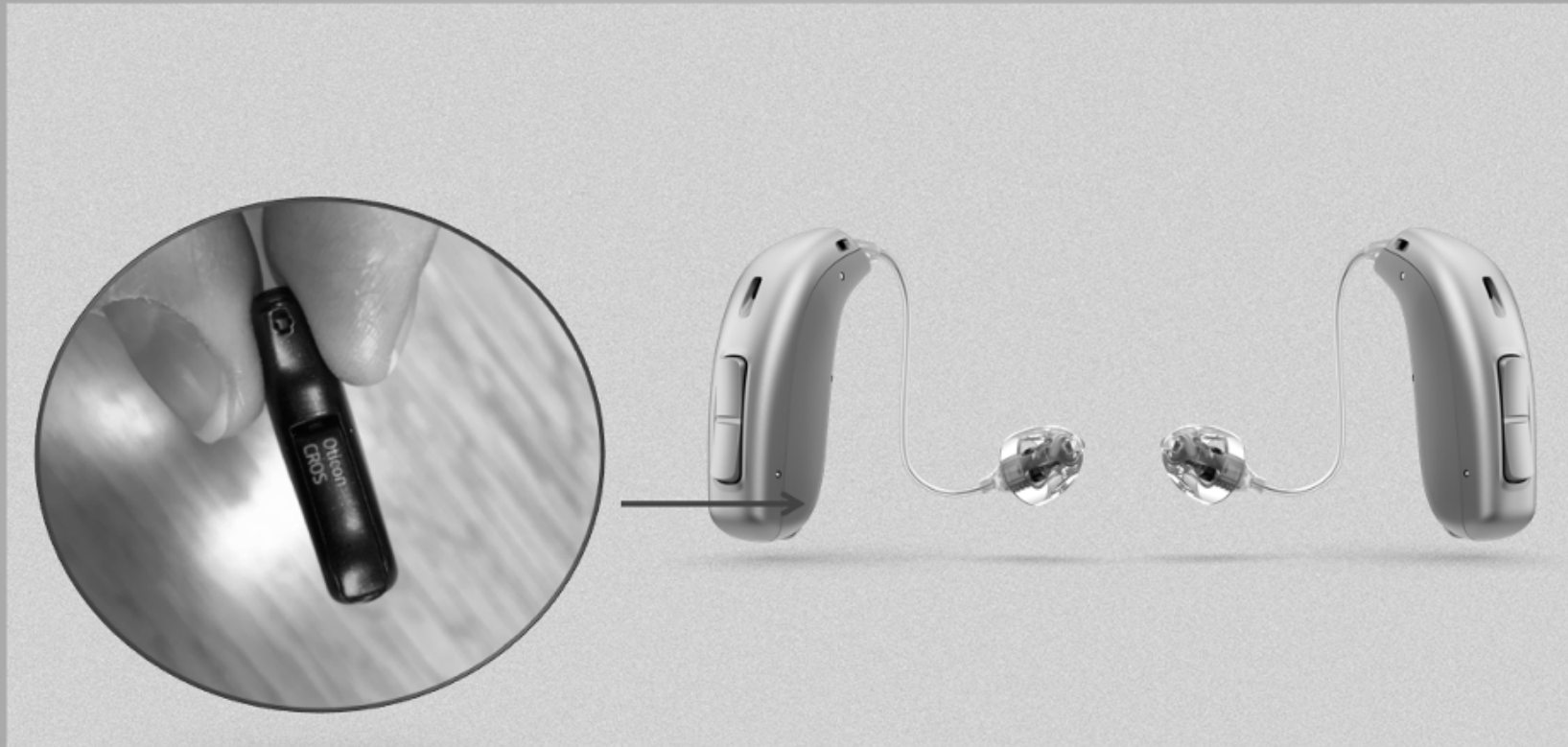


Oticon CROS PX  
(Rechargeable)



Oticon CROS

# CROS Identification



# CROS Compatibility

| Oticon CROS Family Compatibility                             |                        |                     |              |
|--------------------------------------------------------------|------------------------|---------------------|--------------|
| Oticon CROS (312 zinc-air) and Oticon CROS PX (rechargeable) |                        |                     |              |
| Polaris R                                                    | Polaris                | Velox S             |              |
| Oticon Real miniRITE R                                       | Oticon More miniRITE R | Opn S miniRITE R    | Opn S BTE PP |
| Oticon Real miniRITE T                                       | Oticon More miniRITE T | Opn S miniRITE T    | Xceed BTE SP |
| Oticon Real miniBTE R                                        | Oticon More miniBTE R  | Opn S miniRITE      | Xceed BTE UP |
| Oticon Real miniBTE T                                        | Oticon More miniBTE T  | Opn Play miniRITE T |              |

# Industry first – TwinLink™ dual streaming

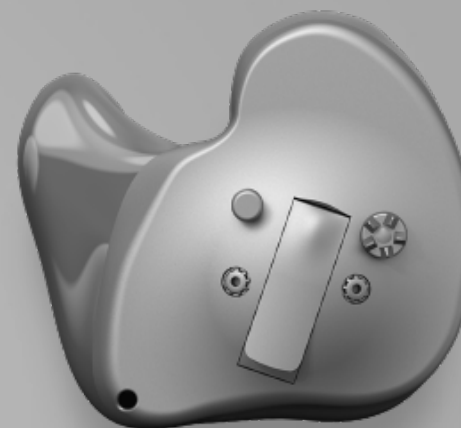
Simultaneously receive 2.4GHz and NFMI streamed signals



oticon Own™



# Custom Instrument Styles and Colors



**C005**  
Black



**C004**  
Dark Brown



**C003**  
Medium Brown

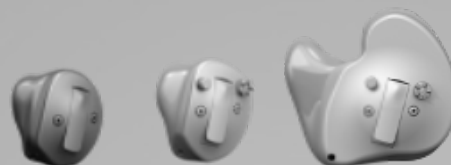


**C002**  
Light Brown



**C001**  
Beige

# ITC, ITE HS and ITE FS



|                | ITC, ITE HS, ITE FS |
|----------------|---------------------|
| Battery        | 312                 |
| Fitting levels | 75 90 100           |
| NFMI           | •                   |
| 2.4 GHz        | •*(ROES)            |
| Microphones    | 2                   |
| Push-button    | o                   |
| Volume wheel   | o                   |
| Telecoil       | o^                  |



• Standard    o Option    - Not available    \* Not possible with telecoil    ^ Not possible with 2.4 GHz

# IP68 Rating

All Oticon instruments are IP68 rated





**Next level  
BrainHearing™  
technology**



# The real world is open. Not closed

Breaking conventions to provide a real  
sound experience

**2016** Oticon Opn™ revolutionizes the hearing  
industry by opening up the sound scene

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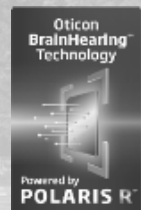
**2019** Oticon Opn S™ delivers superior, proactive  
feedback technology

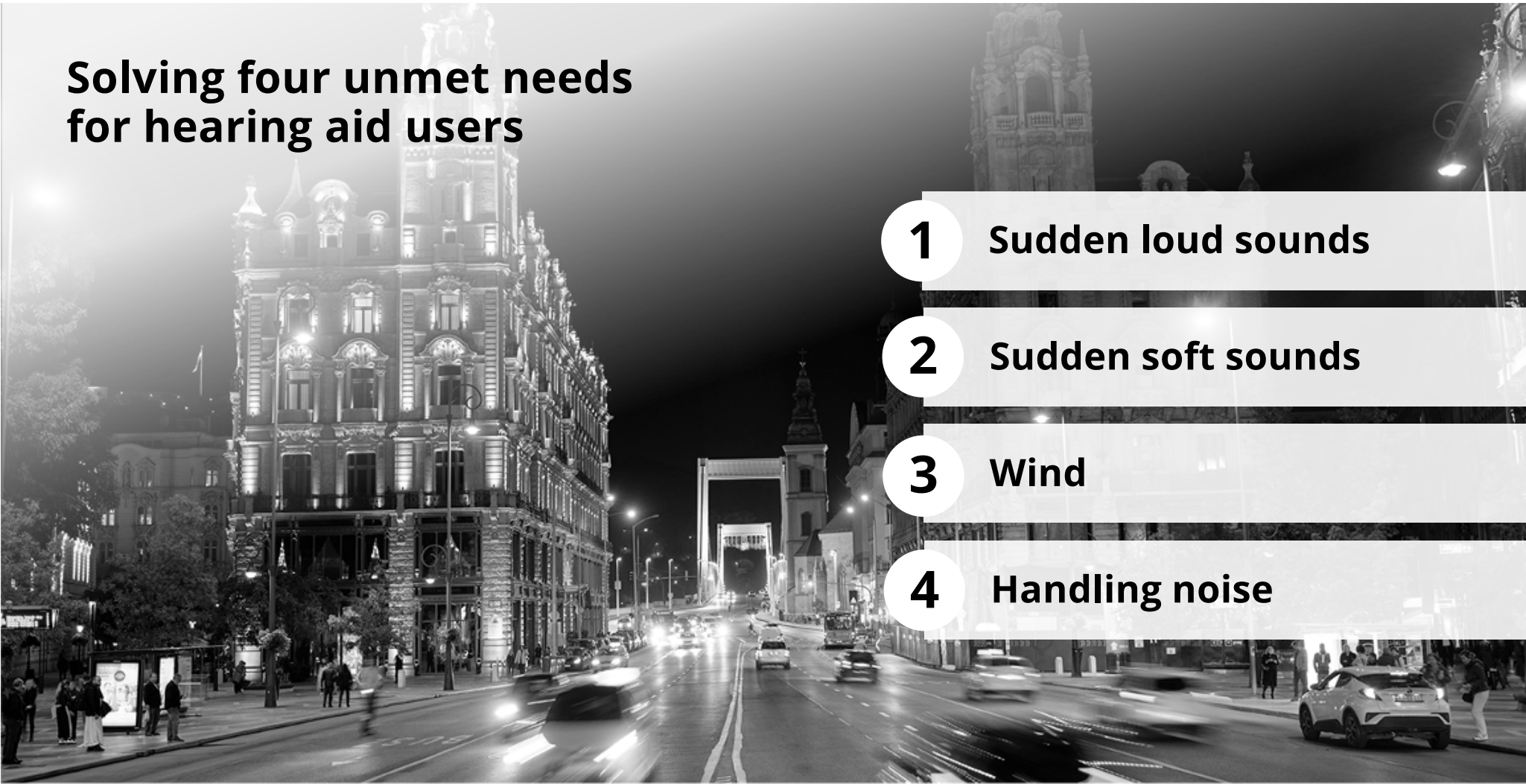
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**2020** Oticon More™, the world's first hearing aid with  
an onboard Deep Neural Network

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**2023** Oticon Real takes our BrainHearing  
technology to the next level





## **Solving four unmet needs for hearing aid users**

**1** Sudden loud sounds

**2** Sudden soft sounds

**3** Wind

**4** Handling noise

**oticon**

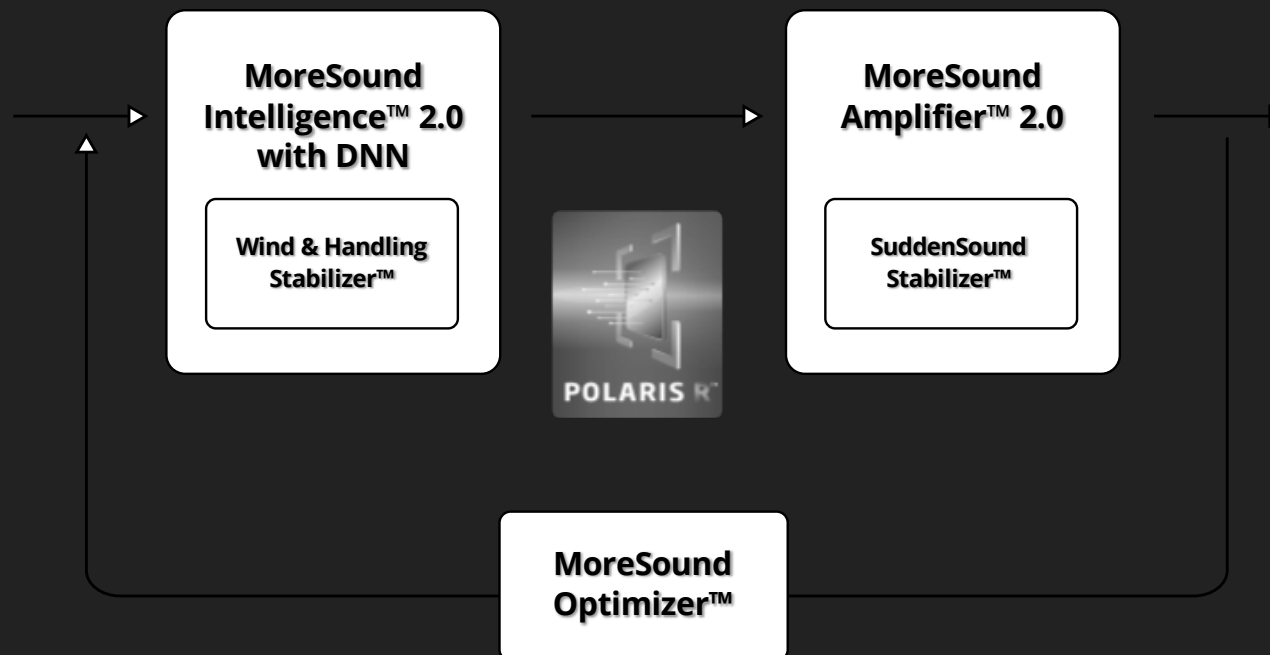
**Oticon Real no more compromise**

**Clarity**

**Comfort**

**oticon**

# RealSound Technology™



## Sudden sound definition



An **intense pulse** of acoustic energy **rising above** the long-term average of the surrounding environment



**Soft and loud  
disruptive  
sounds are  
everywhere**

**Across loudness levels**

**Across listening settings**

**Across the course of a day**

**New technology can detect**

**500,000**

**sudden sounds every day**

**oticon**

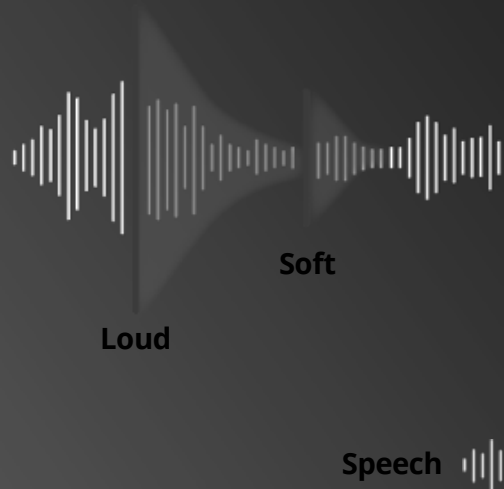
# SuddenSound Stabilizer

Instant attack and release

High precision

Better access to speech

**Traditional technology**  
Affects speech audibility



Sudden sound



**SuddenSound Stabilizer**  
Preserves speech audibility



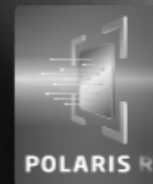
Sudden sound



oticon

# New MoreSound Amplifier™ 2.0

With SuddenSound Stabilizer



**MoreSound  
Amplifier  
2.0**

**SuddenSound  
Stabilizer**

Instantly **detects and controls sudden sounds** for audibility and comfort

Provides **precisely balanced amplification** of all meaningful sounds

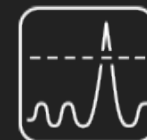
Can be **personalized** to suit individual needs

**oticon**

**How to handle these sounds?**

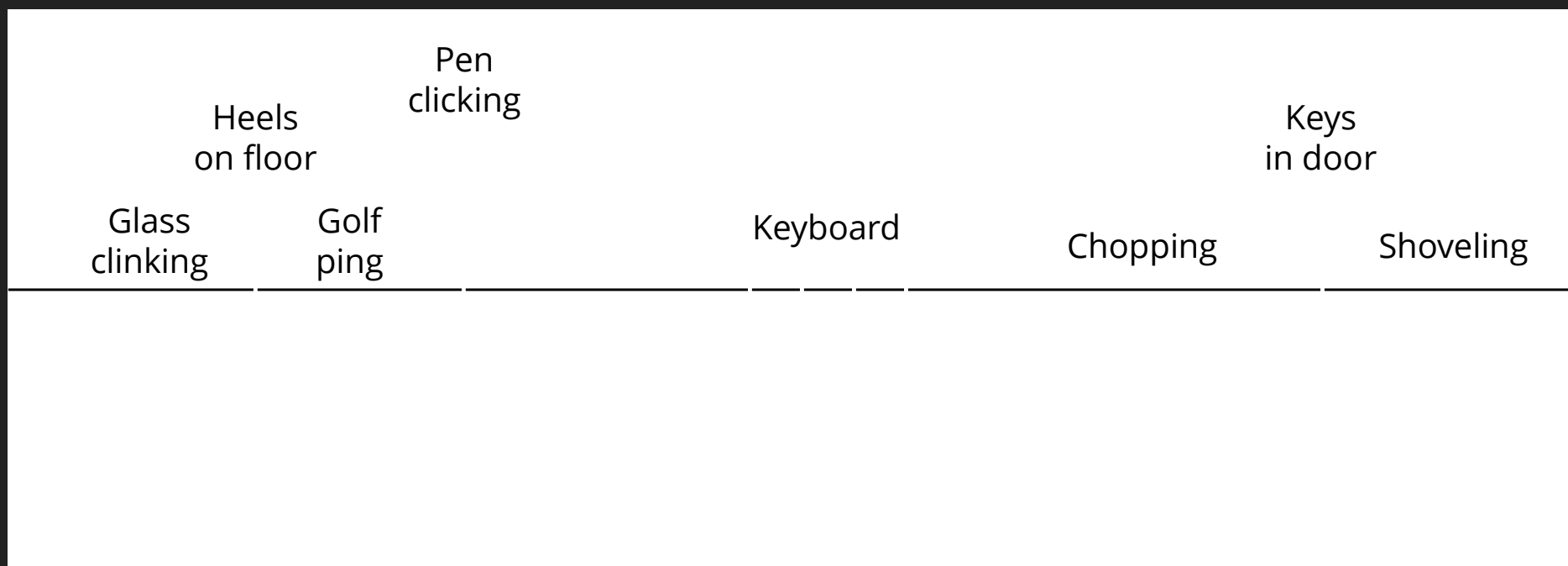
# SuddenSound Stabilizer

The comfort and annoyance factor



Annoyance

Comfort



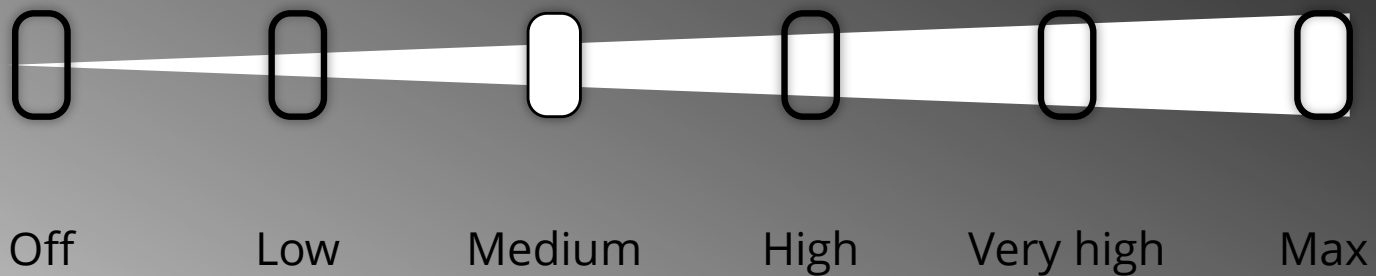
Traditional Technology

SuddenSound Stabilizer

Speech

oticon

## SuddenSound Stabilizer for personal preferences

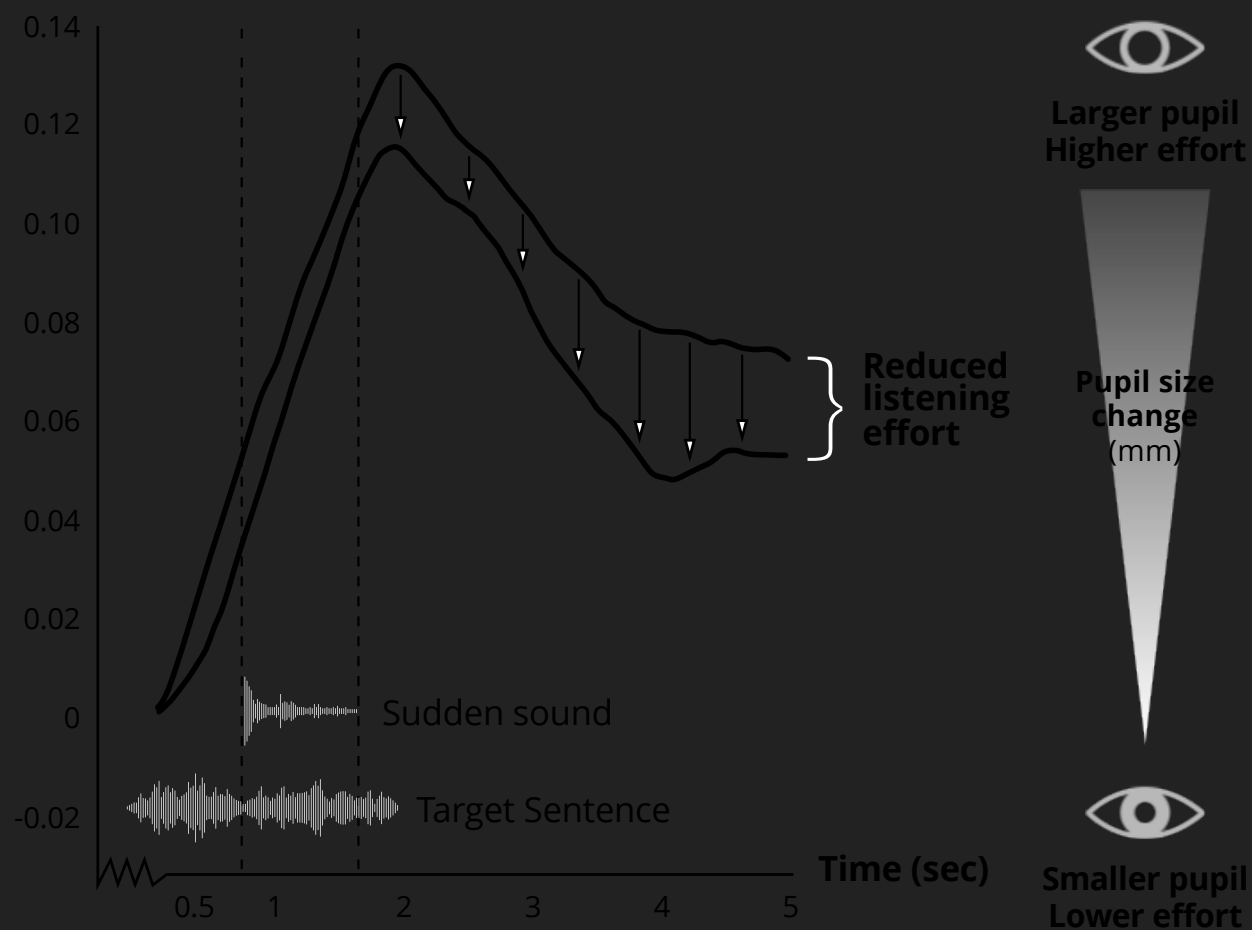


# BrainHearing benefits

**22% reduced listening effort** in the presence of sudden sounds, as shown by reduction in mean pupil size

— SuddenSound Stabilizer OFF

— SuddenSound Stabilizer ON



Santurette, S., Brændgaard, M., Wang, J., & Sun, K. (2023)

oticon

# Improves speech clarity in the presence of sudden sounds

Better access to speech in the presence of sudden sounds

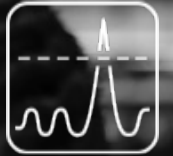


Santurette, S., Brændgaard, M., Wang, J., & Sun, K. (2023)

oticon

# SuddenSound Stabilizer

Instant and precise handling of sudden sounds

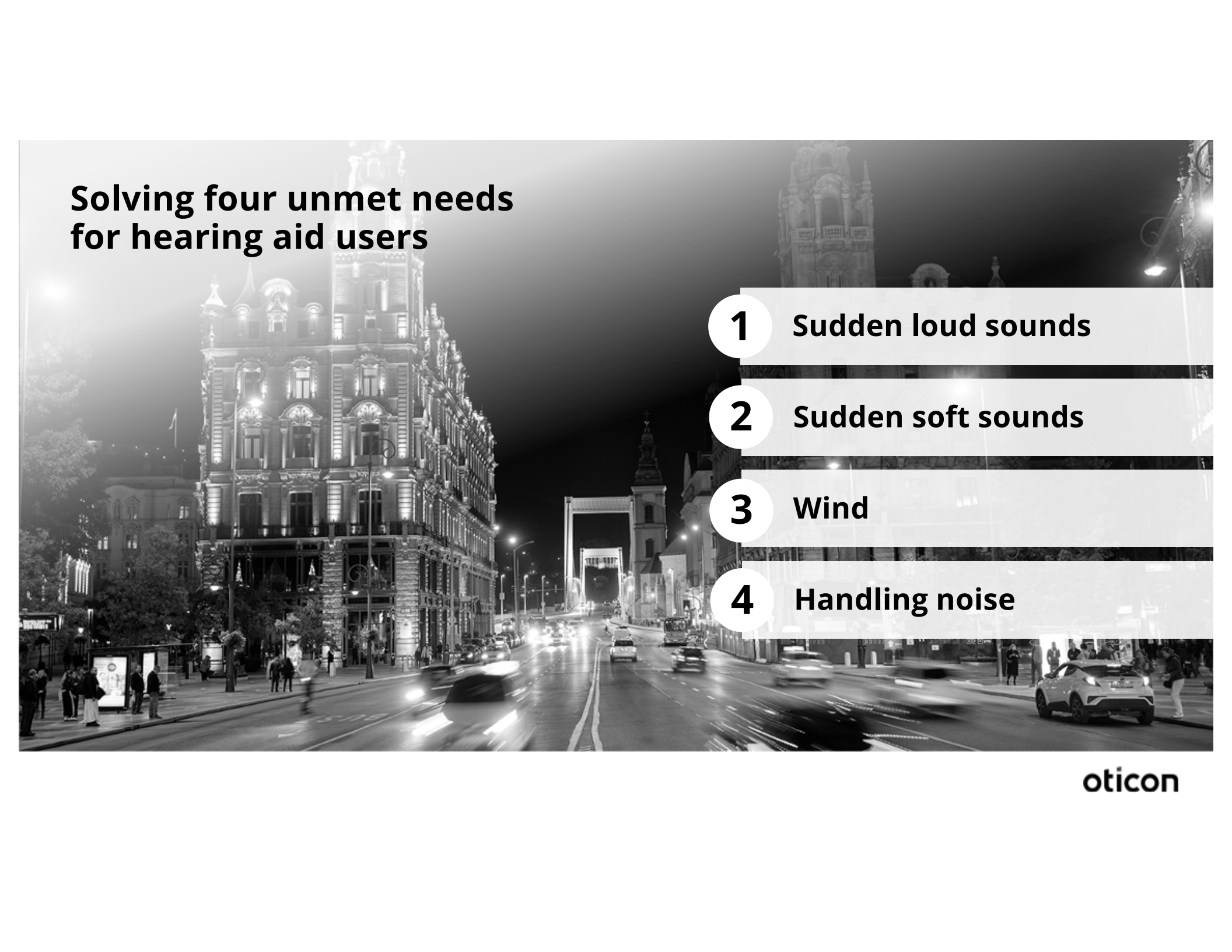


**Identifies and handles**  
soft and loud sudden  
sounds

**Preserves** speech  
understanding

**Easily customized**  
based on needs

oticon



## **Solving four unmet needs for hearing aid users**

**1 Sudden loud sounds**

**2 Sudden soft sounds**

**3 Wind**

**4 Handling noise**

**oticon**

## Wind

A black and white photograph of a man and a woman holding hands on a beach. The woman is in the foreground, seen from the back, with her hair blowing in the wind. The man is standing next to her, looking out towards the ocean. In the background, there are mountains and a calm sea.

Users experience harsh and uncomfortable sounds from their hearing aids

## Handling noise

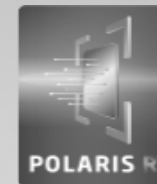
A black and white photograph of two women in an office. One woman is seated and smiling while talking to another woman who is standing and facing her. The seated woman is resting her chin on her hand. A potted plant is visible in the background.

Hearing aid users brushing their fingers against the microphones

**oticon**

# New MoreSound Intelligence 2.0

With Wind & Handling Stabilizer



**MoreSound  
Intelligence 2.0  
with DNN**

**Wind & Handling  
Stabilizer**

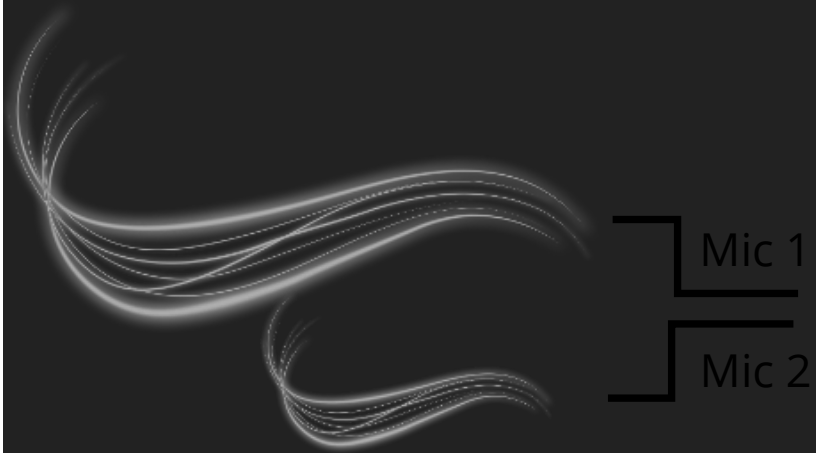
World's first **wind & handling  
prevention** system

Improves **access to speech** in windy  
environments

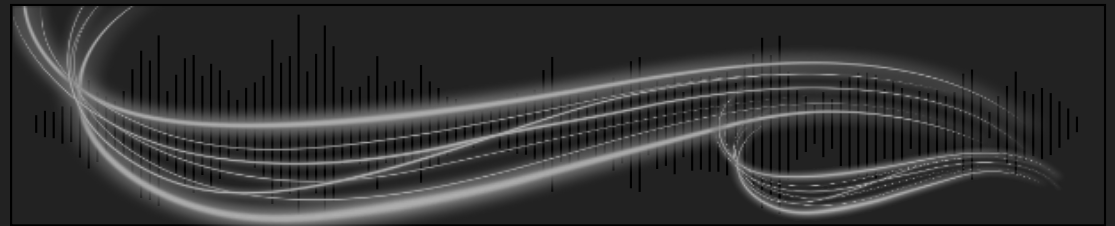
**oticon**

# Wind & Handling Stabilizer

Speech and wind in hearing aids

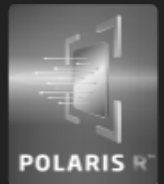


Traditional technology

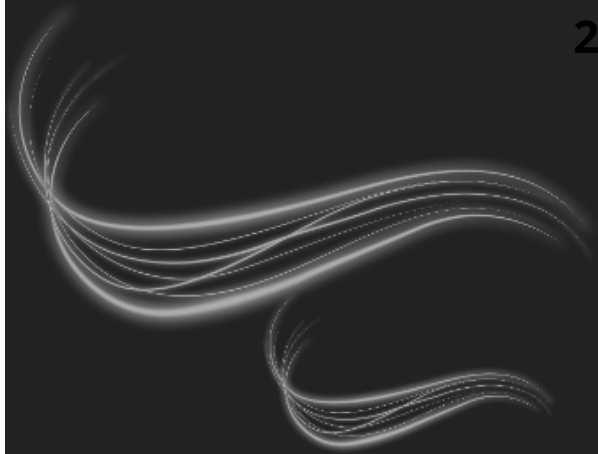


oticon

# Wind & Handling Stabilizer



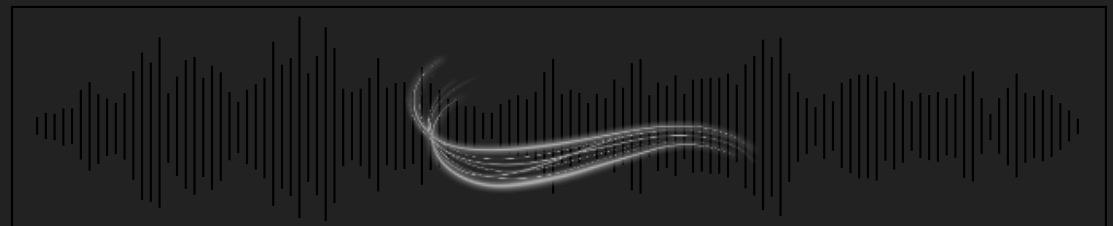
Works in  
24 frequency  
channels



Monitors  
500 times  
per second

Mic 1  
Mic 2

Wind & Handling Stabilizer



oticon

# Wind & handling stabalizer

Reduces wind & handling noise

**Prevents wind and handling noise** from entering the sound processing

Provides a **cleaner signal for processing** in MoreSound Intelligence 2.0

Optimizes audibility of all relevant sounds and **improved access to speech in windy environments**

**It's easy to stay  
connected**



# The real world is about staying connected

Direct streaming, hands-free calls, and more

**Bluetooth® Low Energy technology**

**Made for iPhone**

**Compatible with the Android™ protocol**



Made for  
**iPhone | iPad | iPod**

Works with  
**android**

Android devices need to support Audio Streaming for Hearing Aids (ASHA) to allow direct streaming to Oticon Real. Please visit [oticon.global/compatibility](https://oticon.global/compatibility) for more information.

**oticon**

# Is your phone compatible?

Display our **QR code magnet**  
in your office

**Phone  
compatibility check**

Please scan the QR code below to check  
your phone's streaming compatibility.



22-415679 - 15500-7103/12.22

[f](#) [in](#) [t](#) [v](#) [@](#)  
oticon.com

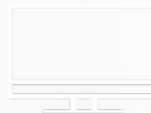
**oticon**  
life-changing technology

**oticon**

# A wide range of connectivity options



**ConnectClip**



**TV Adapter**



**Remote Control**



**EduMic**



**oticon**

# New Companion app

An all-in-one solution  
empowering hearing  
aid users



Empowerment through easy control and personalization

Convenient access to hearing care professionals

One-point of entry to a variety of options



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## Oticon Companion app

Easy and discreet control of hearing aids

Volume adjustment

Tinnitus sound adjustment

Change program

**NEW** SpeechBooster

Streaming equalizer

**NEW** Troubleshooting

**NEW** Important news

“Find my hearing aids”

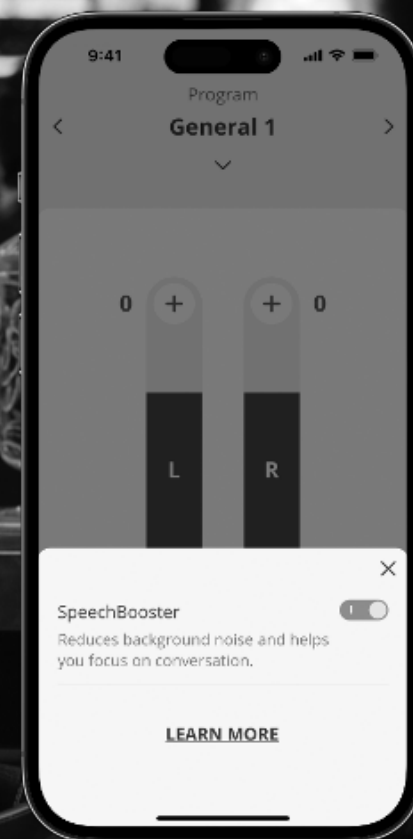
**NEW** Access to RemoteCare

oticon

# SpeechBooster

Helping users in more complex listening environments

Provides **extra help in moderate to complex listening environments** by reducing noise

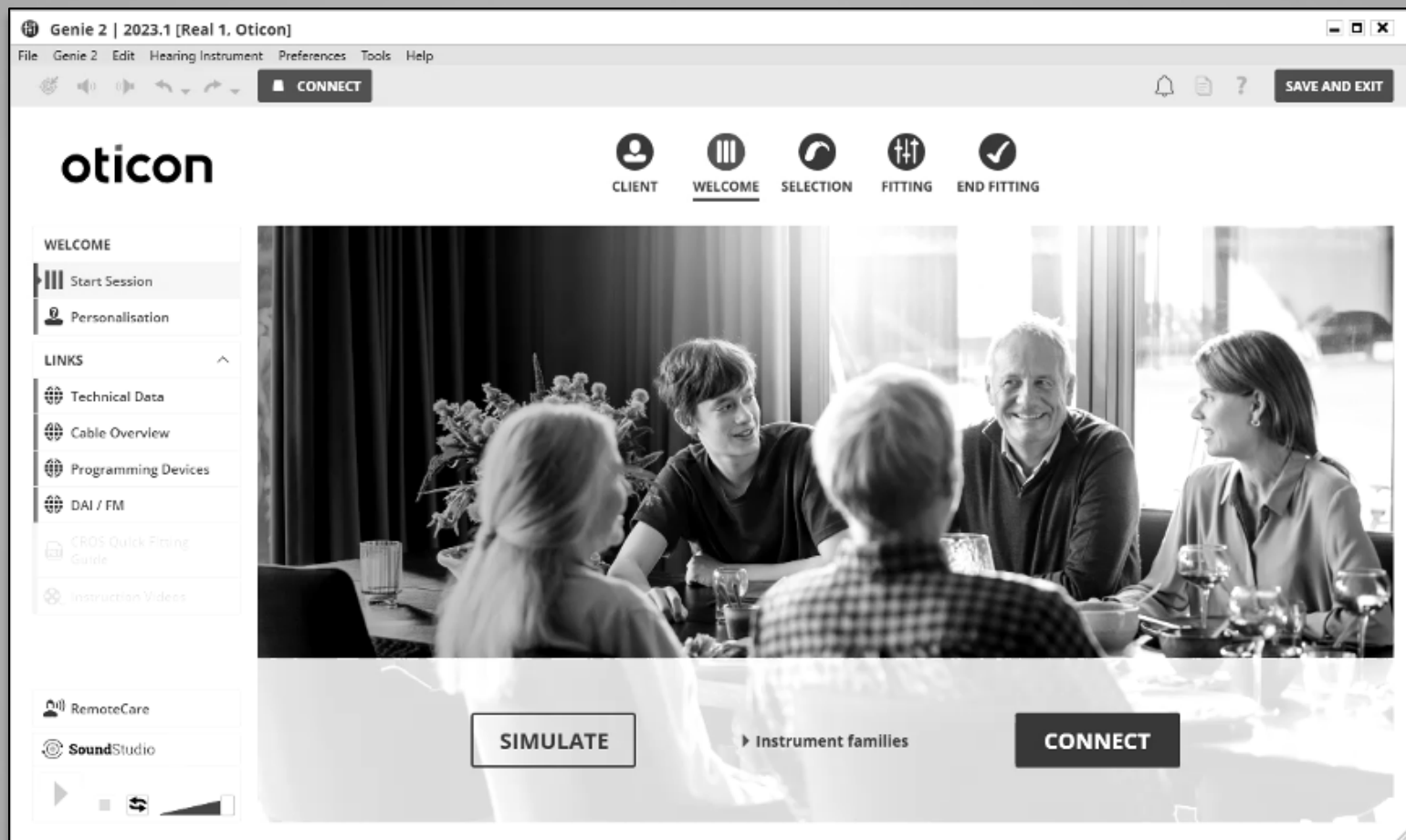


oticon

## **Genie 2: new additions**



# New detection/connection flow





**New  
Audiological  
Innovations**

**SuddenSound  
Stabilizer**

**Wind & Handling  
Stabilizer**

# Sudden Sound Stabilizer



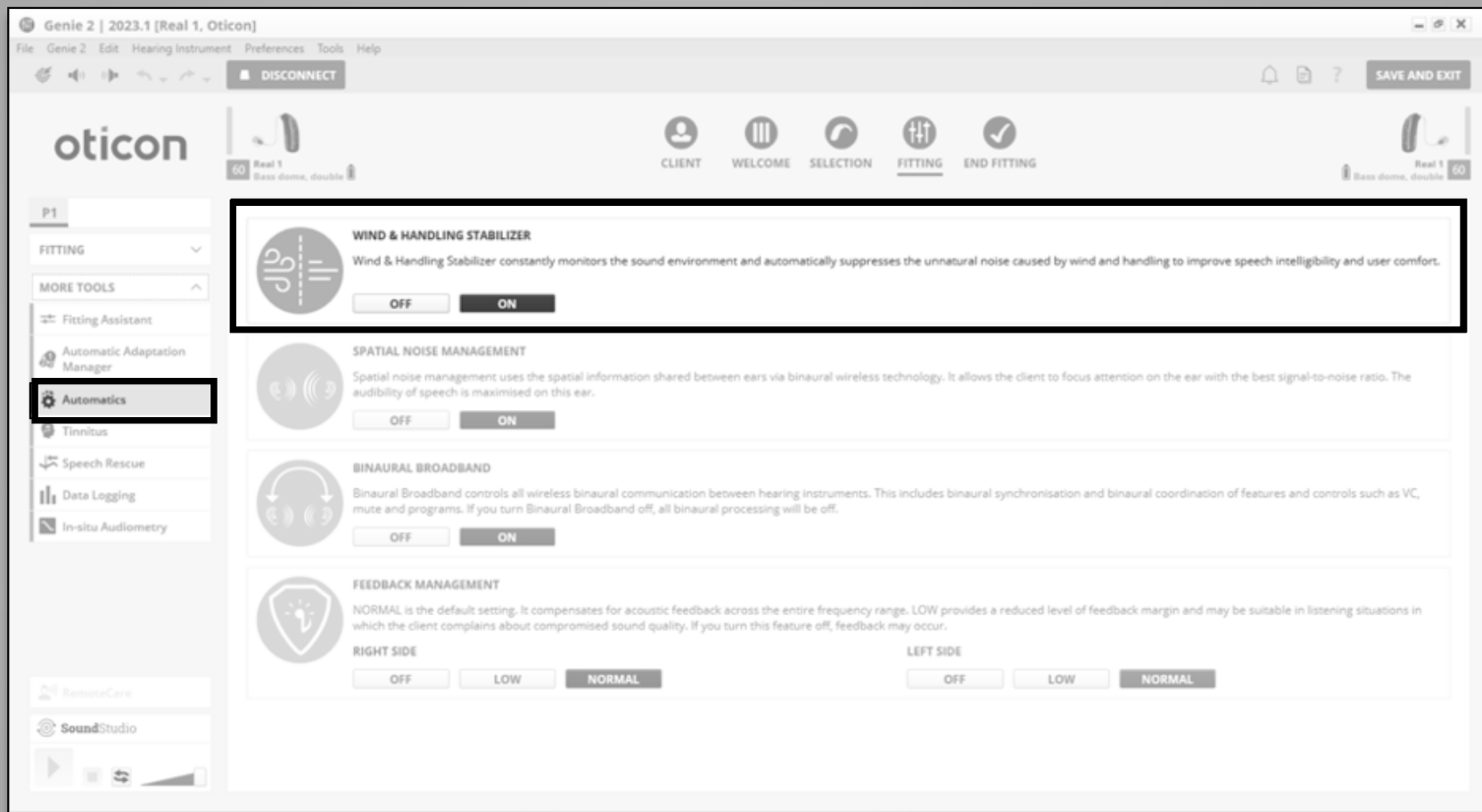
# SuddenSound Stabilizer

## Genie 2 settings

|                  | OFF | LOW       | MEDIUM    | HIGH      | VERY HIGH | MAX       |
|------------------|-----|-----------|-----------|-----------|-----------|-----------|
| Activation level | -   | 60 dB SPL | 55 dB SPL | 40 dB SPL | 40 dB SPL | 40 dB SPL |
| Max. attenuation | 0   | 10 dB     | 15 dB     | 20 dB     | 25 dB     | 30 dB     |



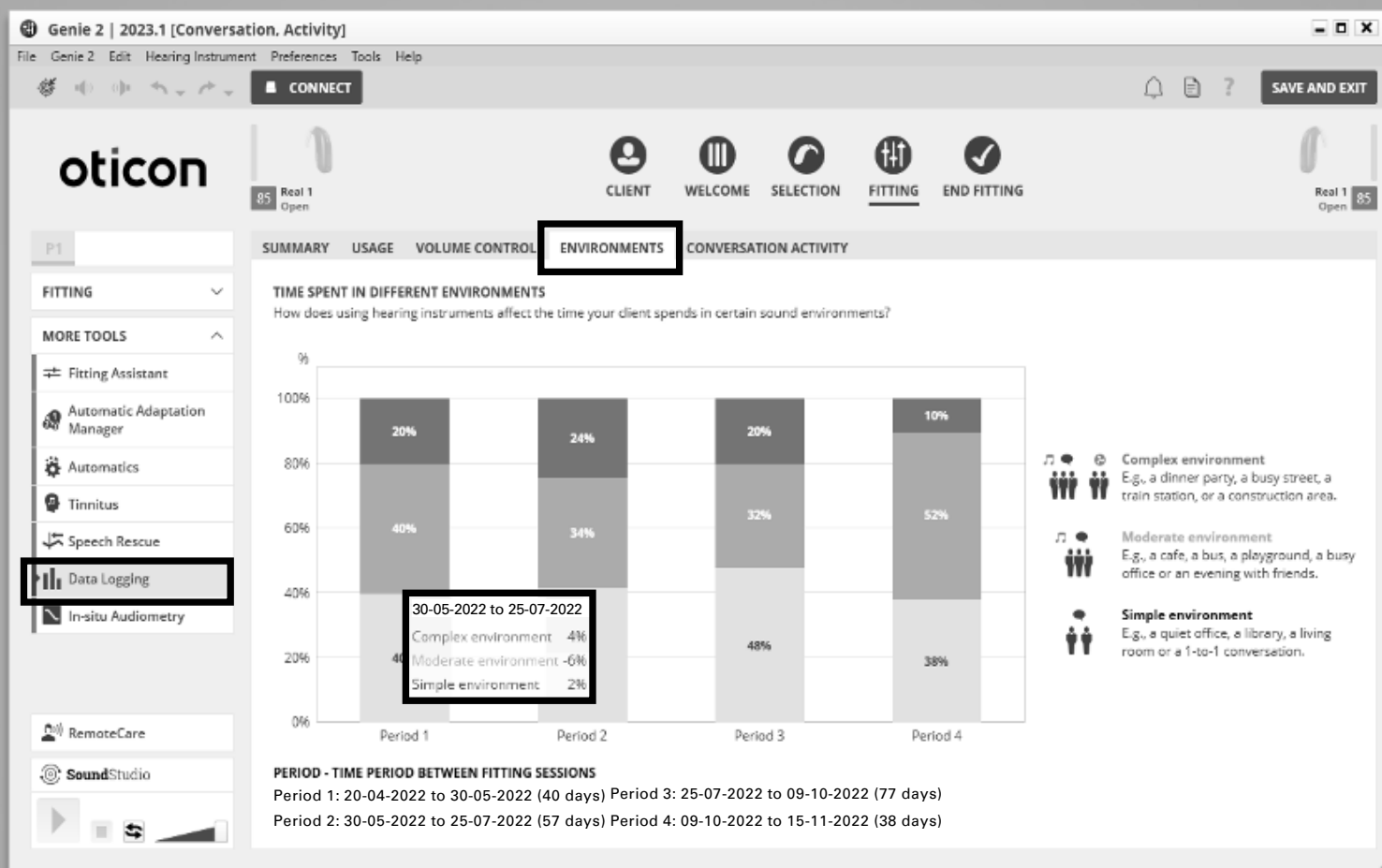
# Wind & Handling Stabilizer



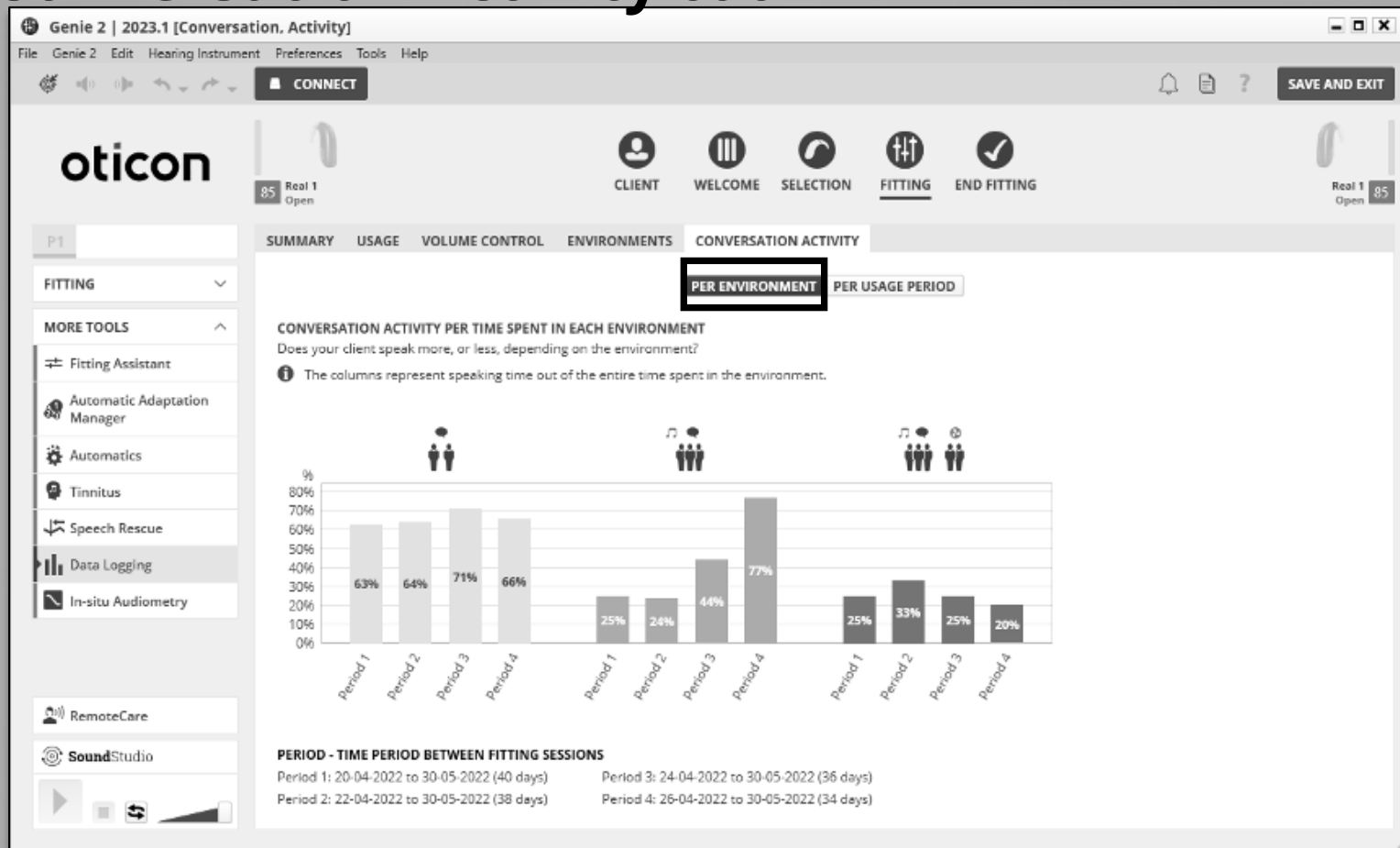


**New  
Data Logging  
tools**

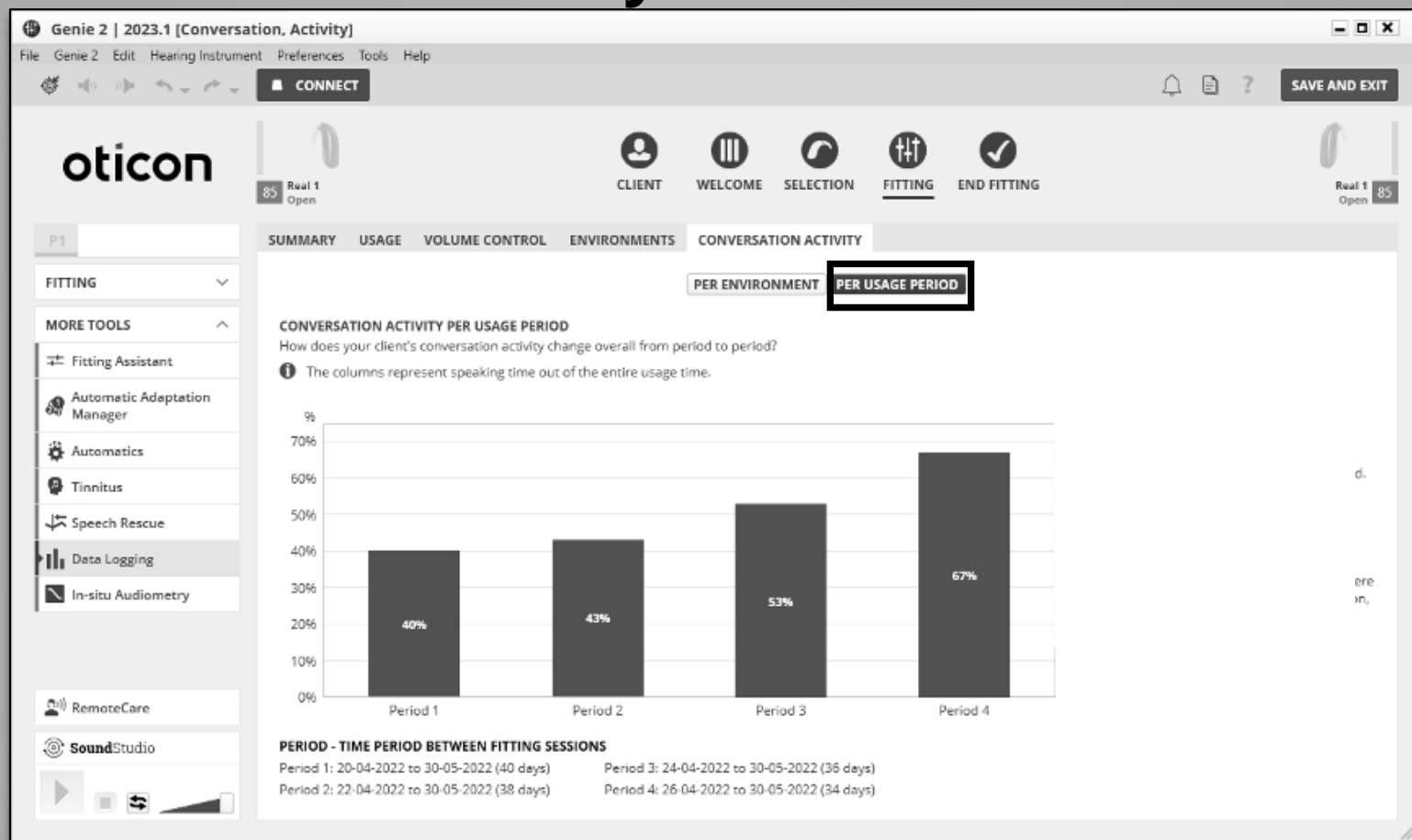
# The Environments tool



# The Conversation Activity tool



# The Conversation Activity tool





**Voice  
notifications**

For **Low Battery** warning



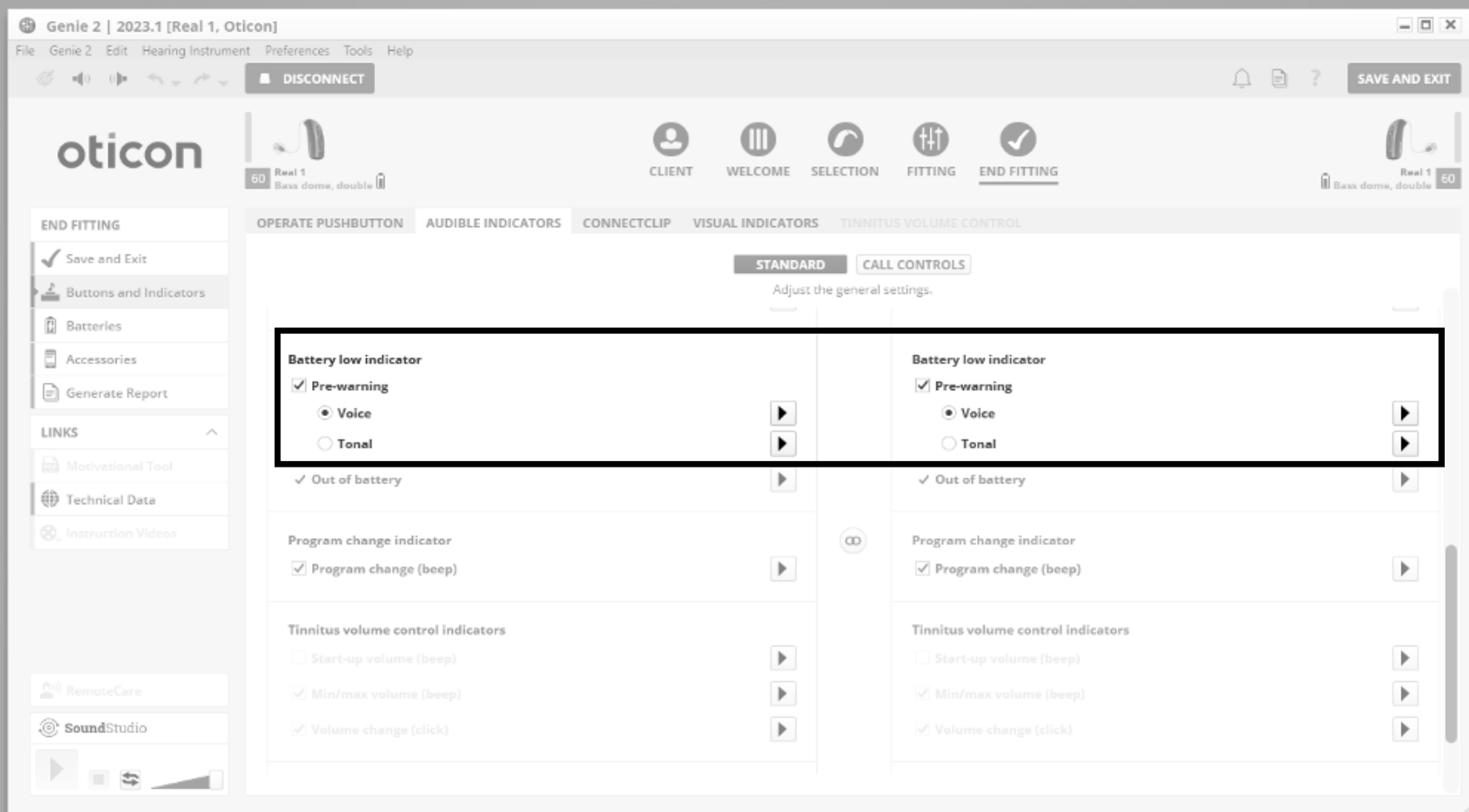
Available in **9 languages**

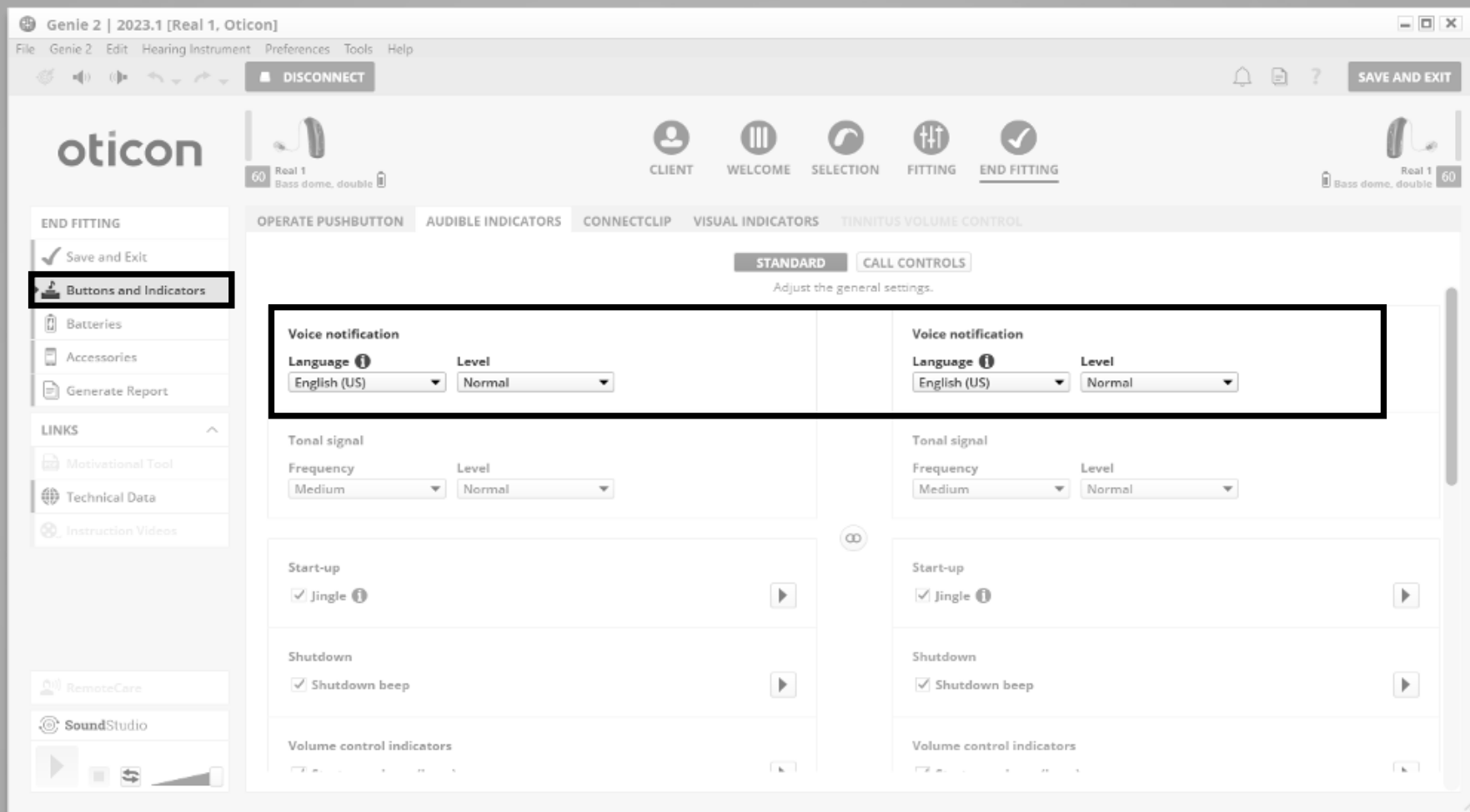
One **voice** per language

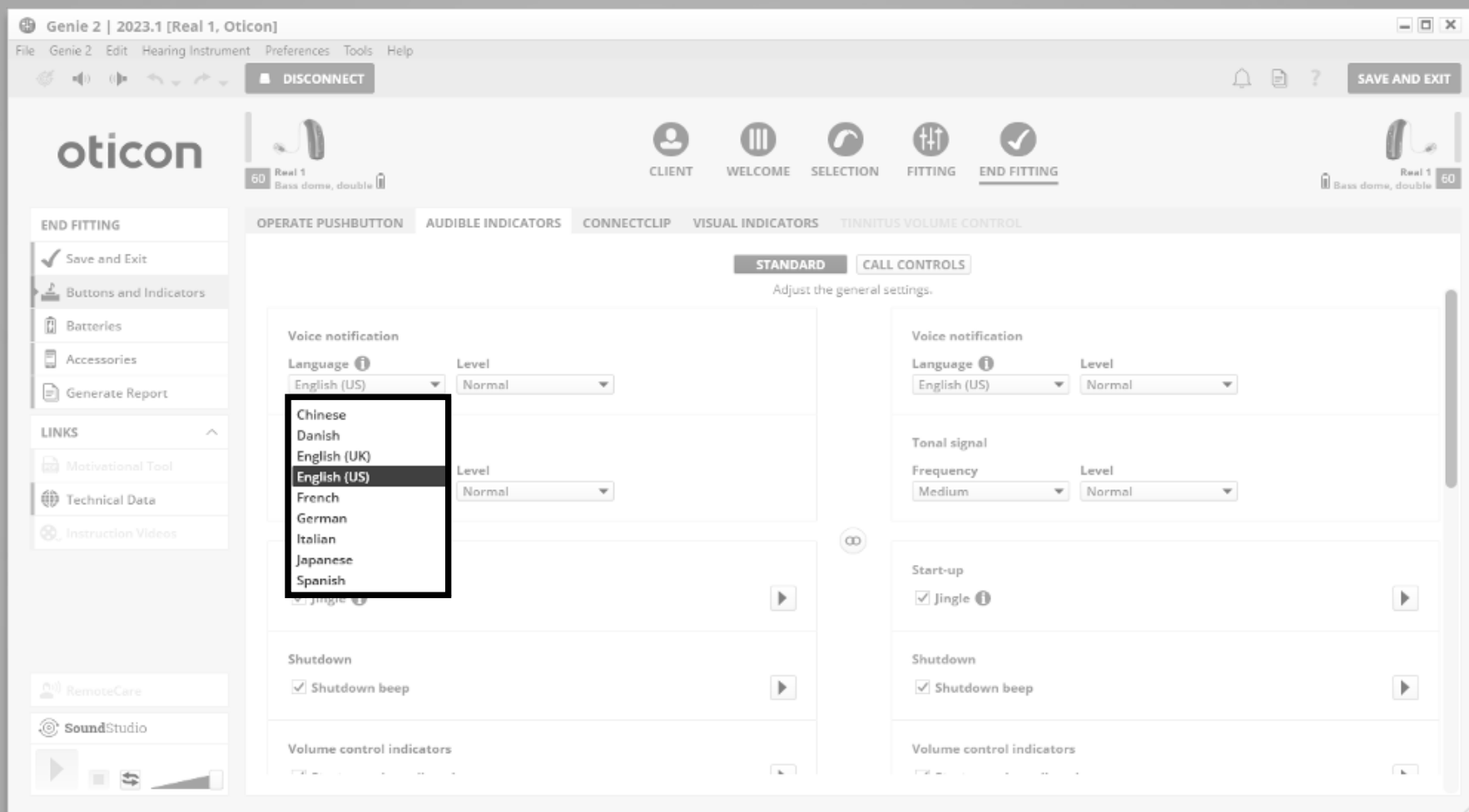
Choose from **3 levels**

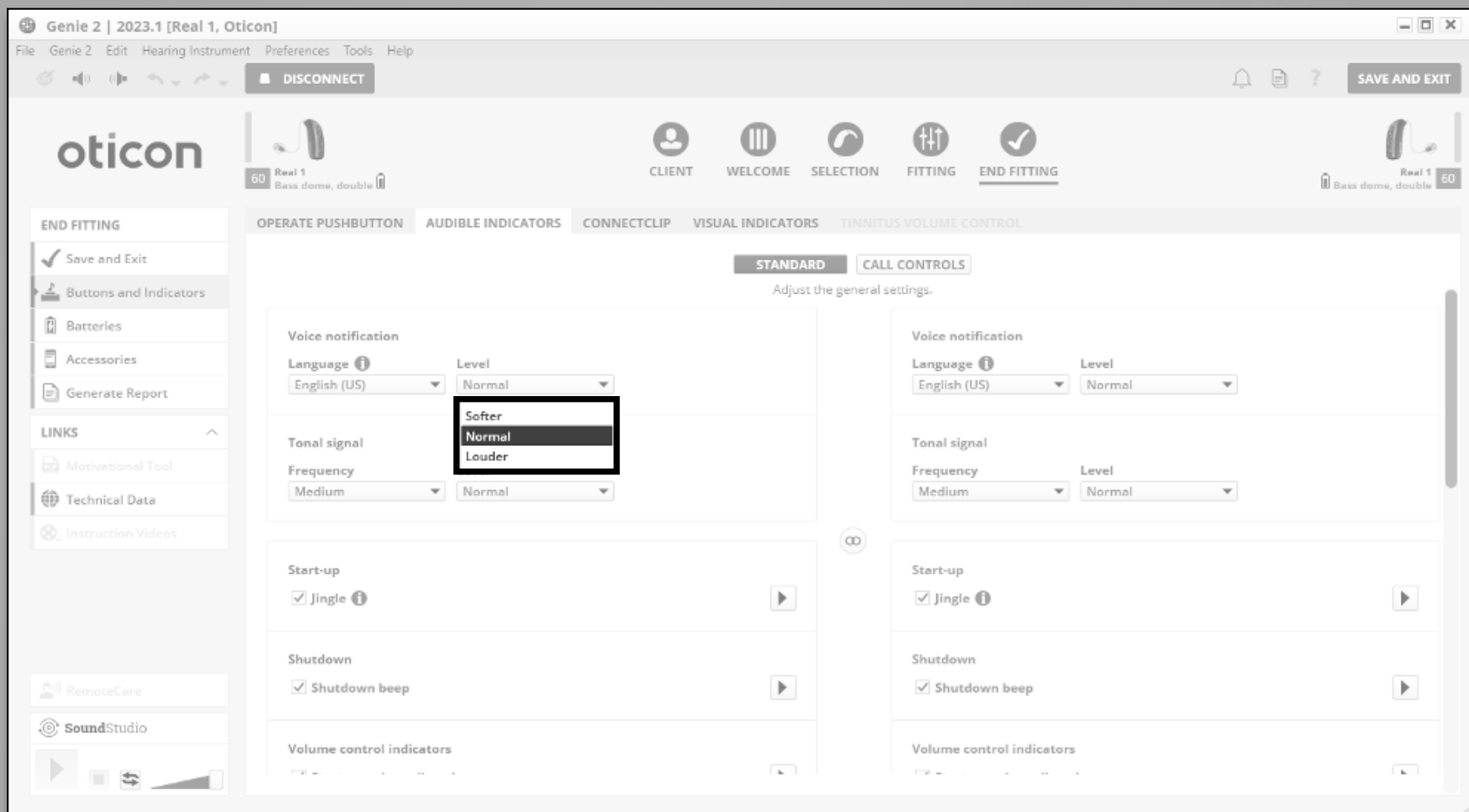
For all **Polaris R™** hearing aids











# Getting your CEU Certificates

## <https://certificates.Oticon.com>

[Your Hearing](#)[Solutions](#)[Support](#)[Inside Oticon](#)[Professionals](#)

### Thank you for attending a recent Oticon event

This site contains certificates of attendance beginning January 1, 2018. For certificates prior to 2018 please contact the Oticon Events Department. Please use your business email address to search for your certificate(s). Certificates are routinely updated with new events. Please allow 1 week for your certificate to be uploaded. If you have any questions regarding your certificate of attendance, please email the Oticon Events

Department at:  
[eventsdept@oticonusa.com](mailto:eventsdept@oticonusa.com)

#### Disclaimer:

By submitting your email address on this form, you assert that the email address entered belongs to you or someone you have been authorized to act on behalf of.

Business email:

