



EDGE^{AI}

There's an **Edge**
for everyone



Webinar FAQs

**There's an Edge
for everyone**

How to Ask a Question

Click Q & A, type your question, and Send

Where to get the handout

A PDF handout for this presentation may be accessed through your Pending Courses on Audiology Online or by clicking on the link in Chat within the classroom

How to earn CEUs

CEUs are available with a paid Audiology Online Unlimited CEU Access membership

After completing the course, go to your Pending Courses on Audiology Online and pass the multiple-choice exam

Assistance or Tech Support

Call 800-753-2160

customerexperience@continued.com

Use the Q&A window



Risks and 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 Outcomes

1

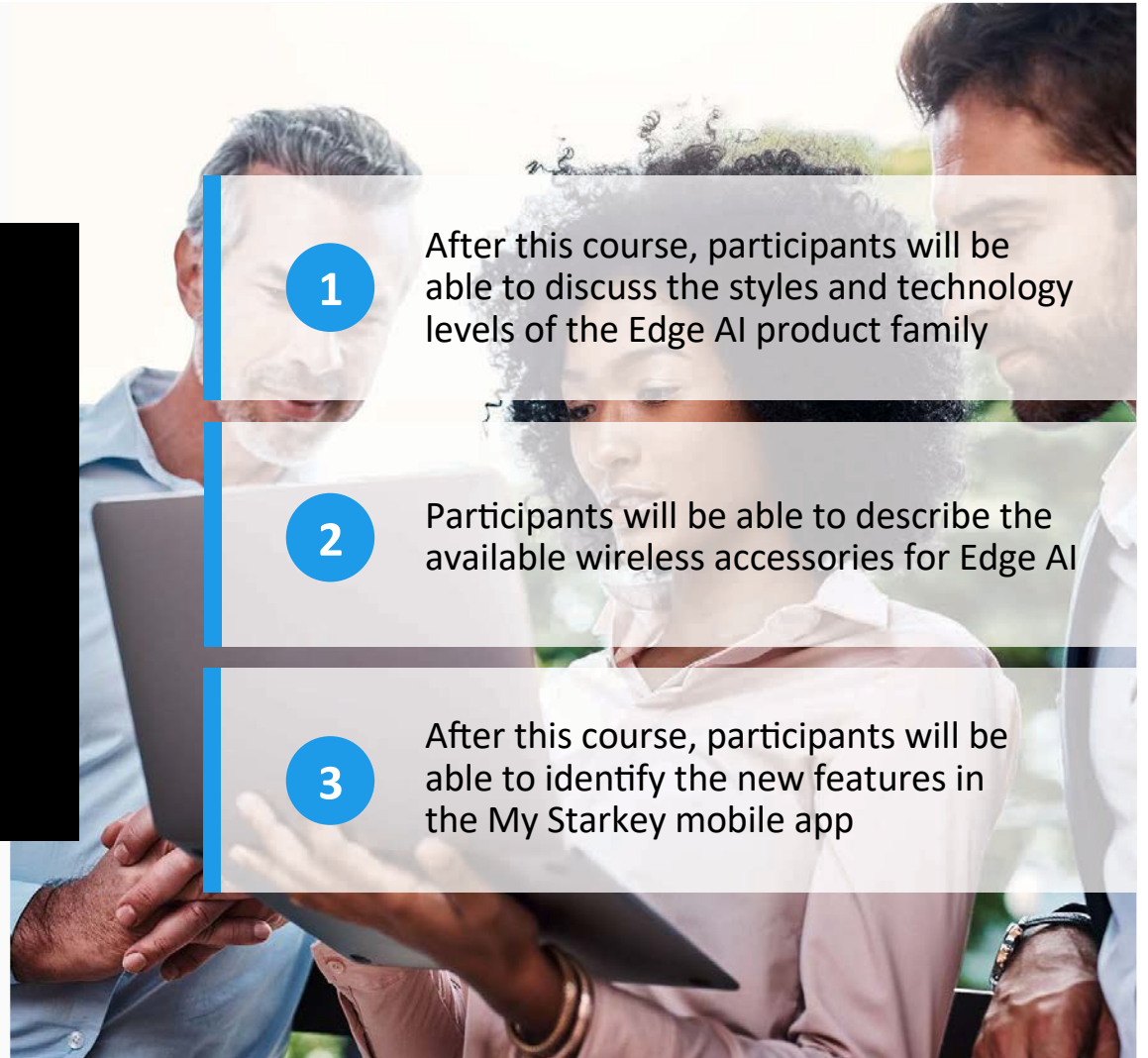
After this course, participants will be able to discuss the styles and technology levels of the Edge AI product family

2

Participants will be able to describe the available wireless accessories for Edge AI

3

After this course, participants will be able to identify the new features in the My Starkey mobile app





Reminders

Evidence-Based

All CE courses on continued.com must be evidence-based.

In evidence-based continuing education sessions, the presenter provides:

- The best available, current, scientific evidence to support a particular practice or guideline which can include exploratory or pilot study data and the related evidence
- Information about his/her clinical expertise, expert opinion, and experience in this topic area
- Information related to client/patient/caregiver values.
- An indication of the level of evidence (e.g., systematic review, randomized control trial, cohort study, expert opinion, etc.) for each piece of evidence presented, ensuring clarity on the strength and reliability of the supporting data.



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There's an **Edge**
for everyone





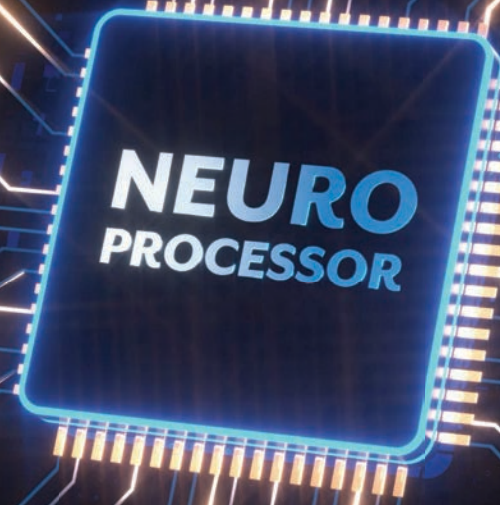
EDGE^{AI}



CIC ITC/HS R ITE R mRIC R RIC RT RIC 312

Tech tiers
24 | 20 | 16

2.4 GHz Radio
with *LE Audio*



Superpower-full

Built for efficiency, speed, and growth
with advanced and powerful AI

100x

MORE DNN PROCESSING
THAN GENESIS AI

30%

MORE ACCURATE
AT IDENTIFYING SPEECH

6dB

ADDITIONAL REDUCTION
IN LOW-LEVEL NOISE

**Neuro Sound
Technology 2.0**



**It's science that
speaks volumes**



THE INDUSTRY'S
**LONGEST
LASTING**
BATTERY LIFE

SWEATPROOF
**WATERPROOF
EVERYDAY
PROOF**

Refreshingly durable



Future-proof connectivity

2.4 GHz Radio with LE Audio



Benefits **beyond** better hearing

**Activity
Tracking**

**Social
Engagement**



**Fall
Alert**

**Balance
Assessment**



Fit excellence on every patient

Neuro Sound Technology 2.0

featuring

**Deep Neural
Network (DNN)**



An unrivaled sound experience

Edge AI classifies complex soundscapes, enhances speech, and reduces noise all in real time with advanced and powerful AI



Artificial Intelligence (AI)

A program that can *learn* and *reason*

Machine Learning (ML)

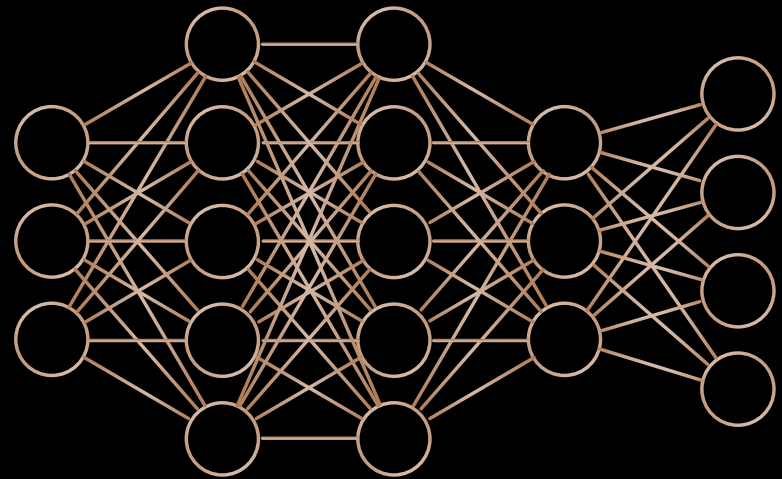
Algorithms that **improve** given rules and **data** and **make predictions** without being explicitly programmed to do so

Deep Neural Network (DNN)

Subset of machine learning algorithms that **can learn by itself** based on vast amounts of data

Starkey's Deep Neural Network

Operates on the **industry's only fully integrated Neural Processing Unit (NPU)** embedded in the chip that is dedicated to DNN processing



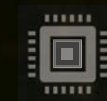


G2

Competitor A



Competitor B and C



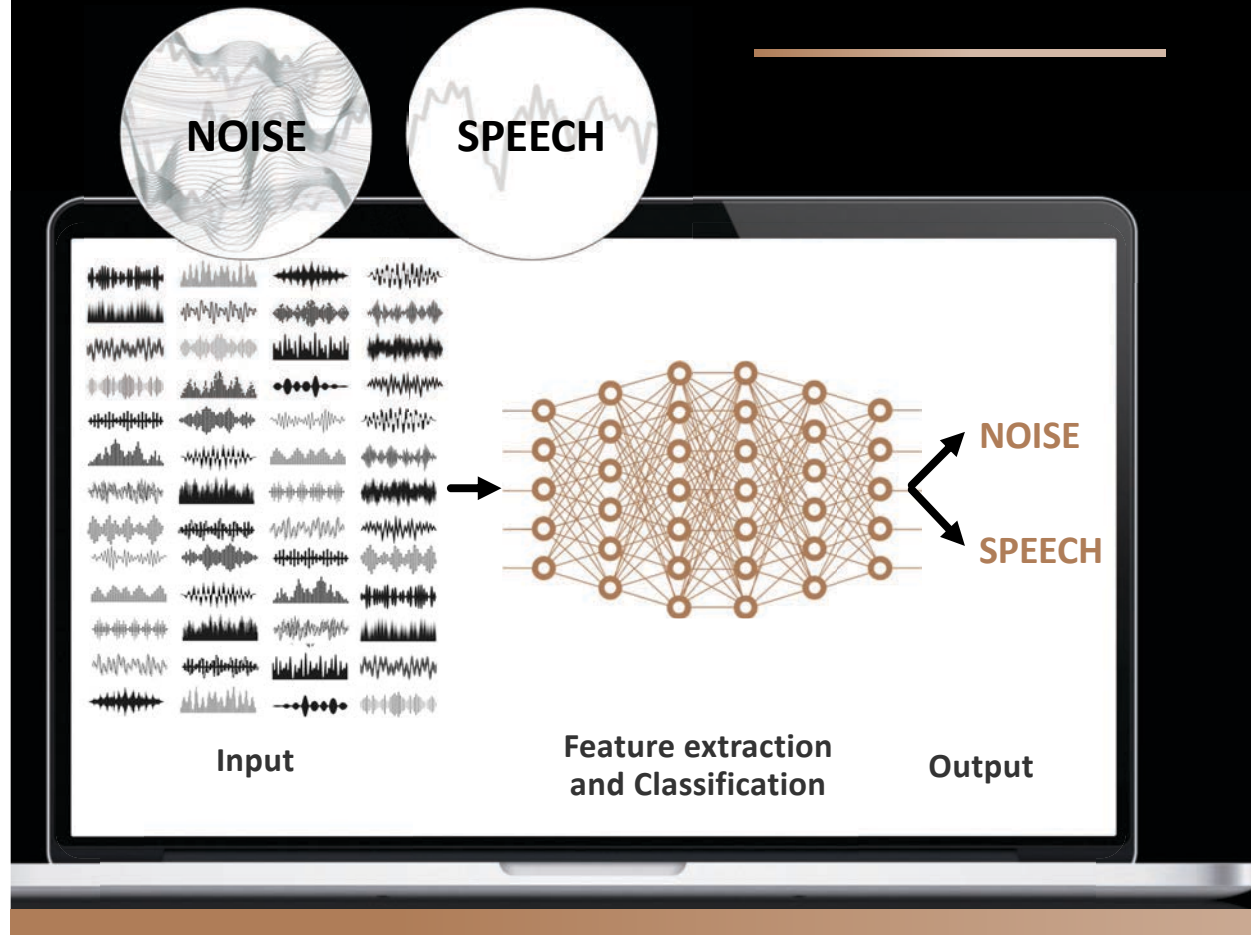
NPU

Embedded DNN

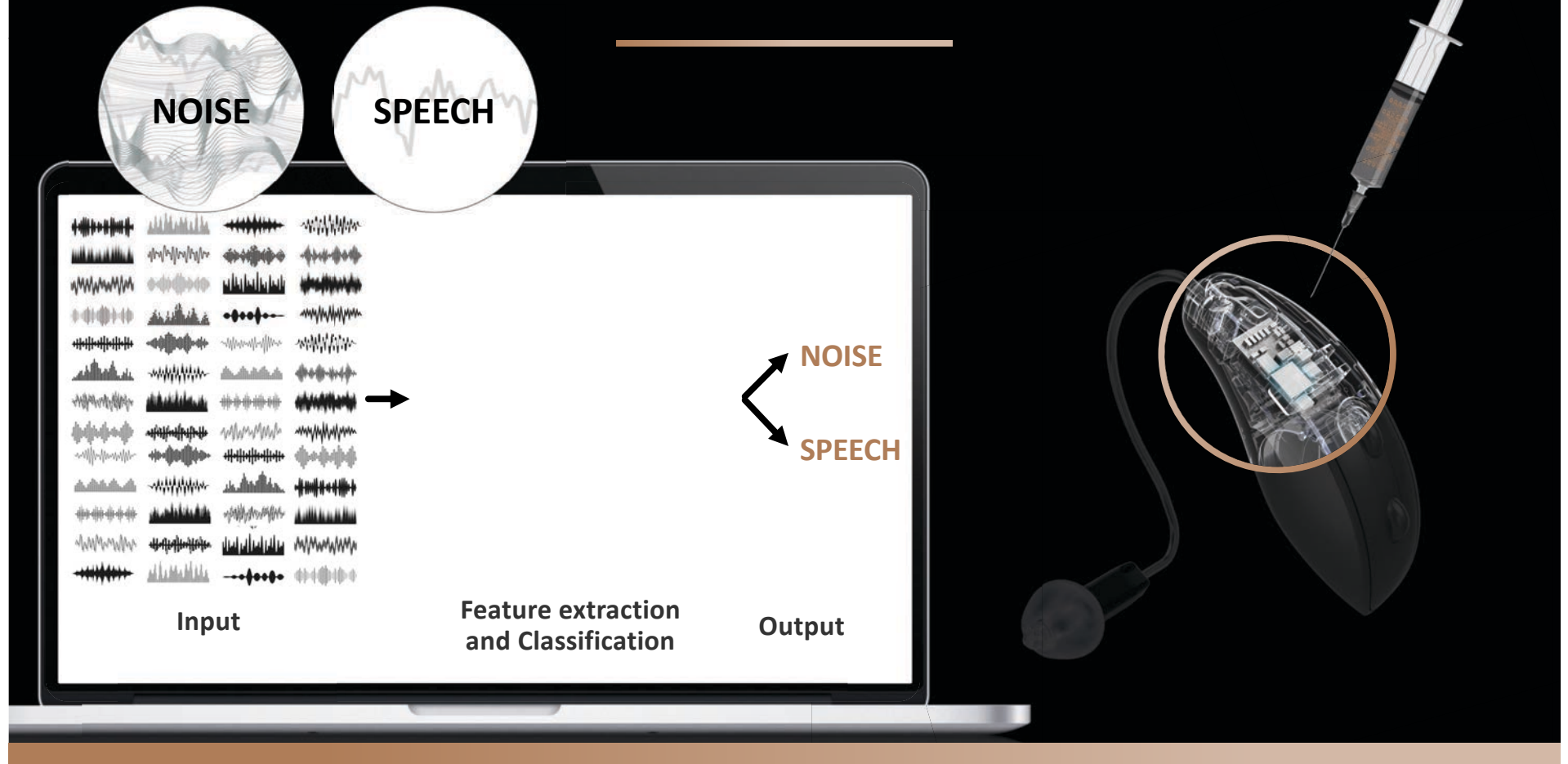
Integrated Neural Processing Unit (NPU)
dedicated to DNN processing, runs in
parallel with our G2 Neuro Processor

Dedicated AI chip

How DNN Works



How DNN Works





DNN Improves the Hearing Aid

Better in:

Adapting to any
acoustic environment

Performing
classification

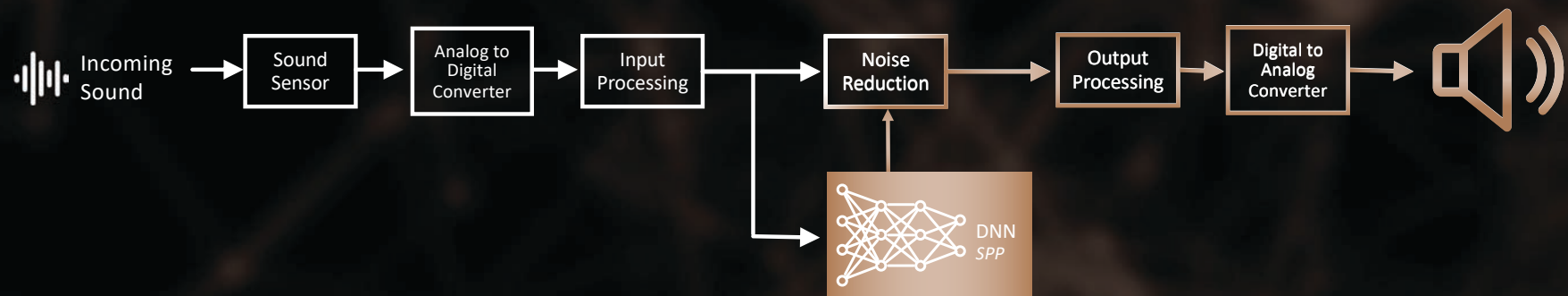
End-to-end
optimization

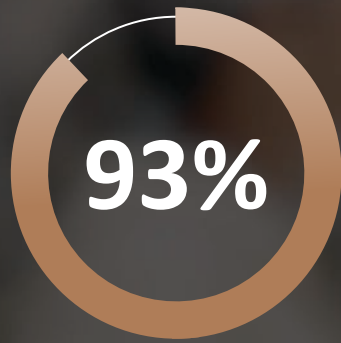
Enabling
personalized
solutions

Non-stationary
environments

Fusing sensors

Conventional Edge AI Noise Reduction





Edge AI patients
saw **significant positive
benefit scores** after a
6-week field trial

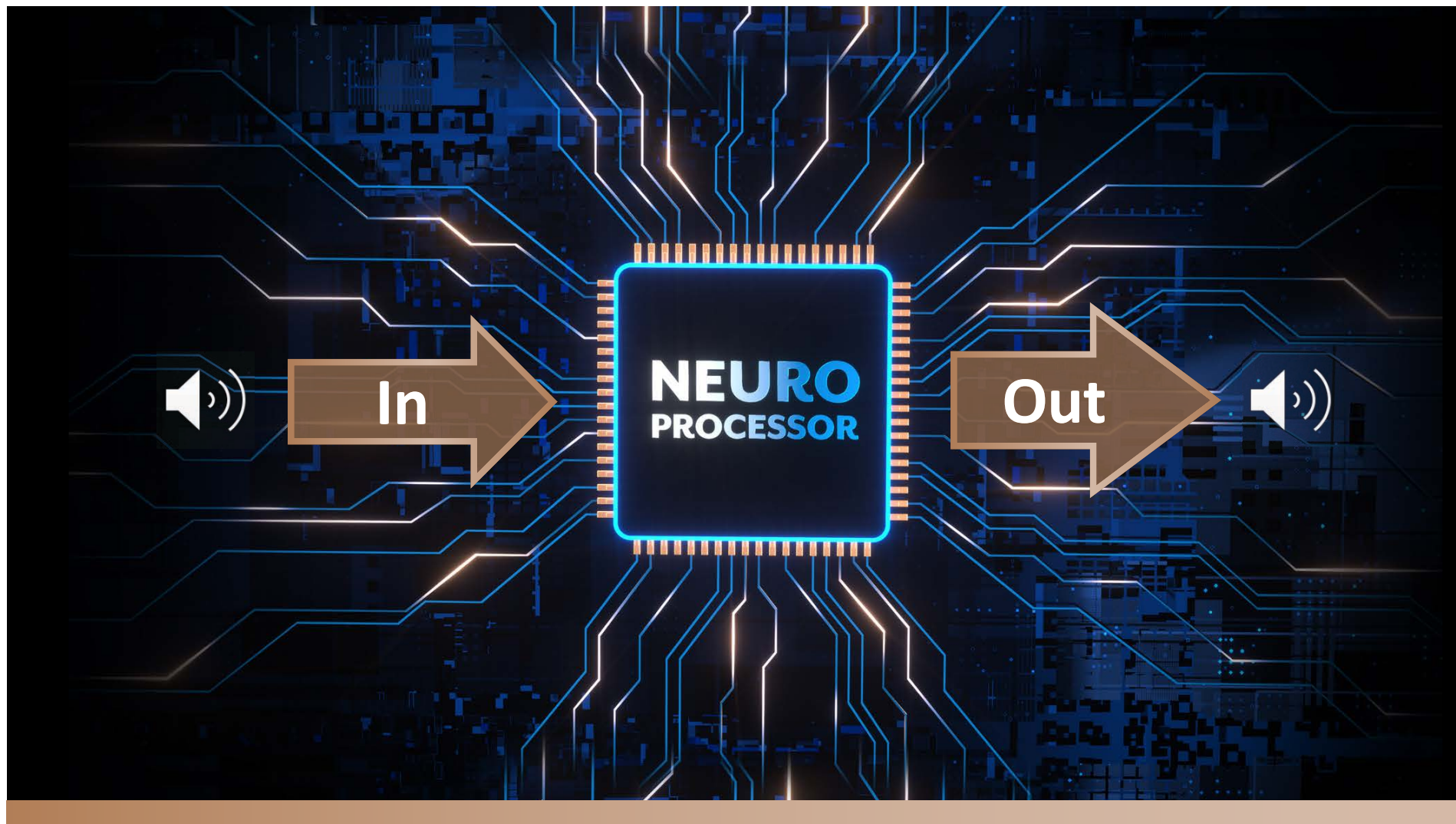
Olson, M. et al. (2024)

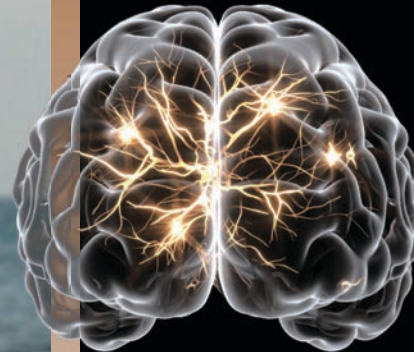
**Better for
speech in noise**



**DNN Noise Reduction
preferred 3:1** over previous
technology when listening to
speech in noise

Betlehem, T. et al. (2024)



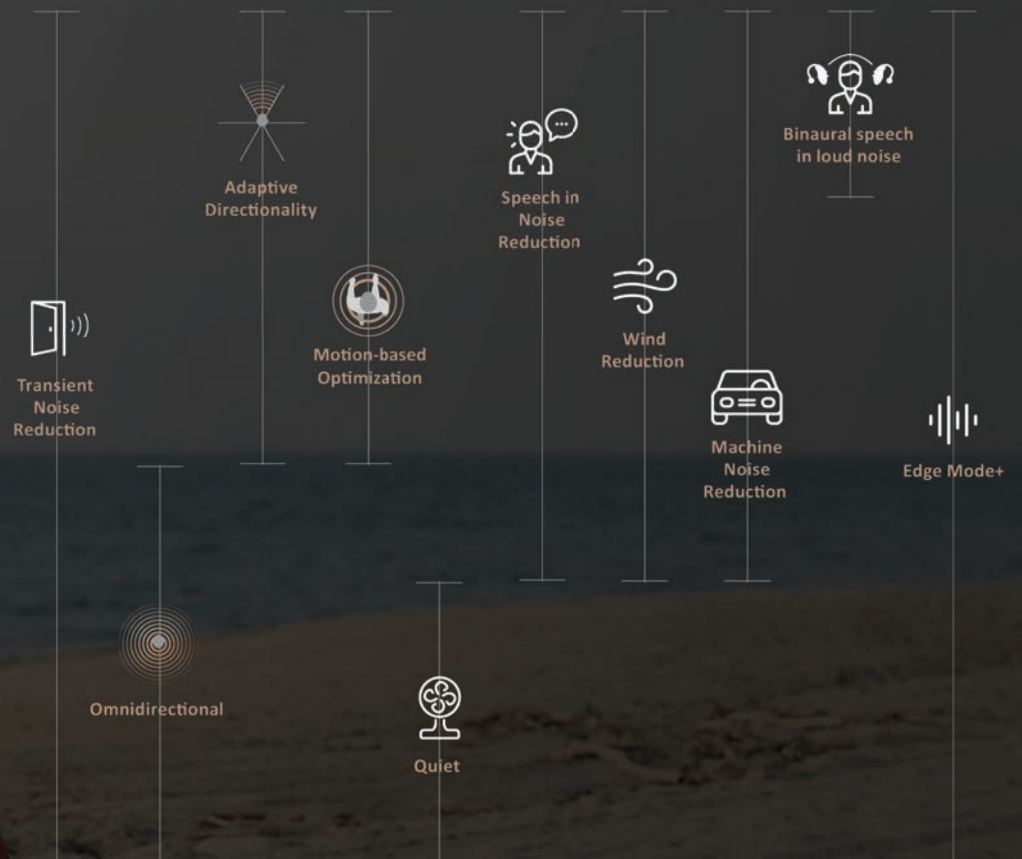


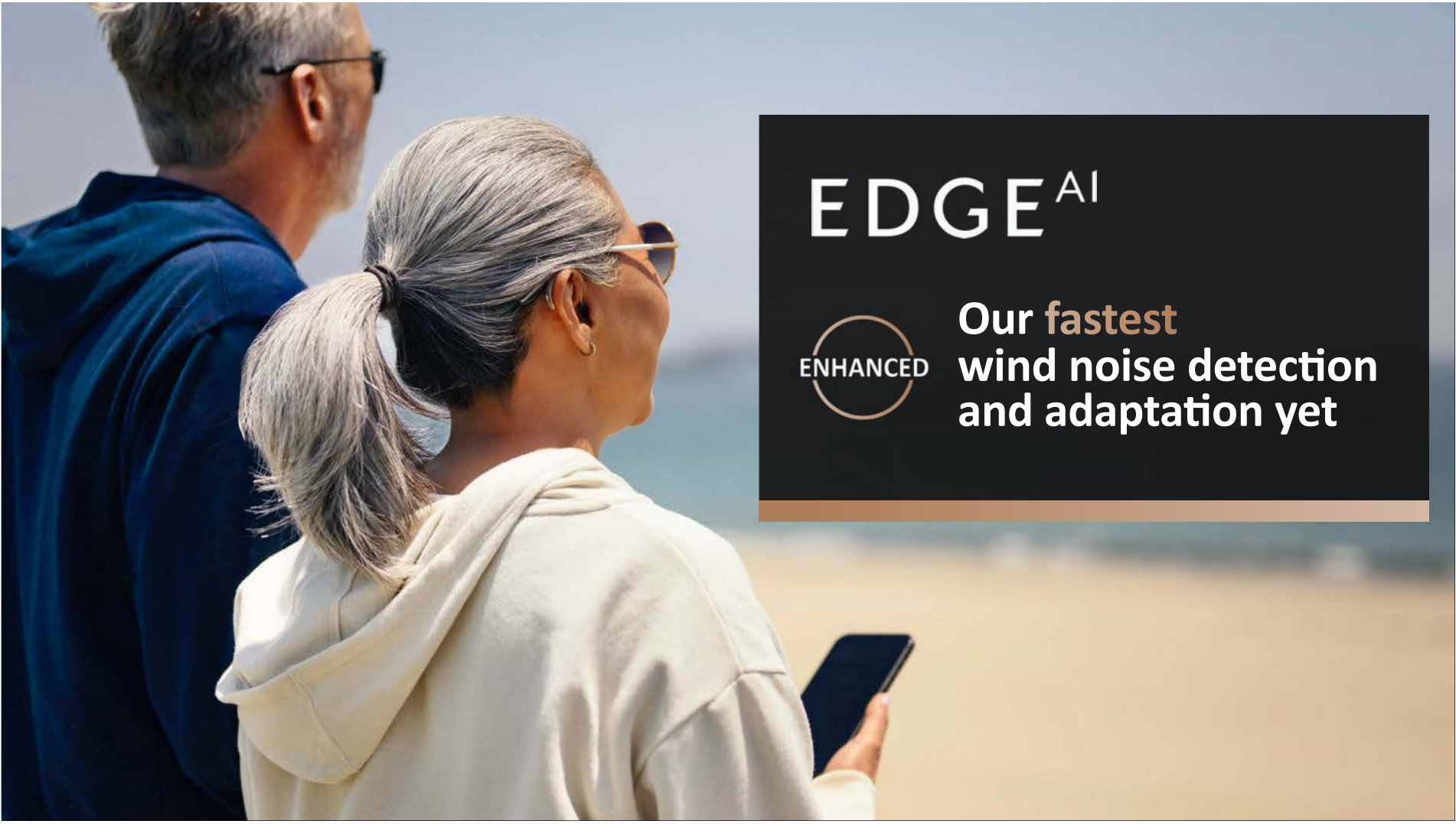
DNN processing runs parallel with the sound management system for more efficient processing — both in speed and battery life

Sound Manager

Louder, more
challenging
listening
environment

Quieter, easier
listening
environment



A man and a woman are seen from the back, looking out at the ocean from a beach. The man is on the left, wearing a blue hoodie and sunglasses. The woman is on the right, wearing a white hoodie and sunglasses, holding a smartphone. The background shows the ocean and a sandy beach under a clear sky.

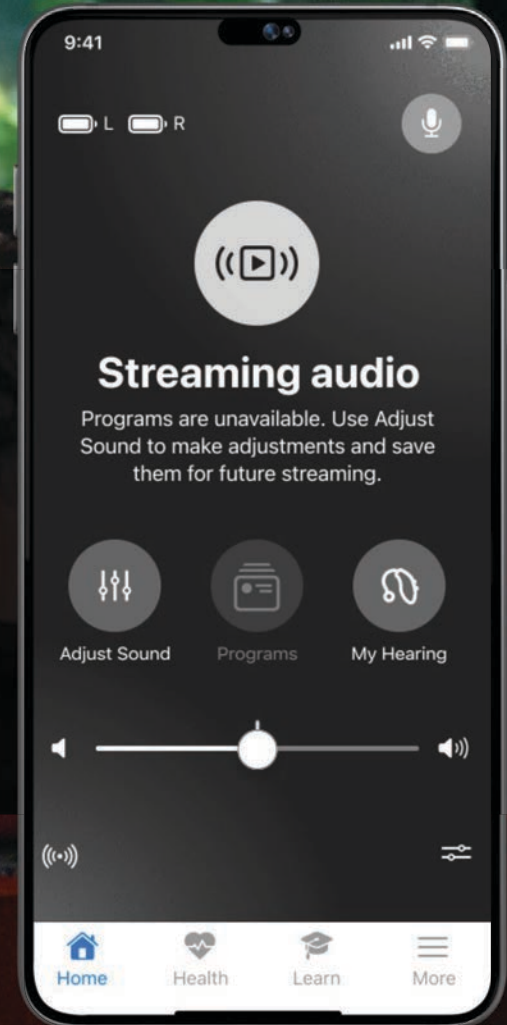
EDGE^{AI}

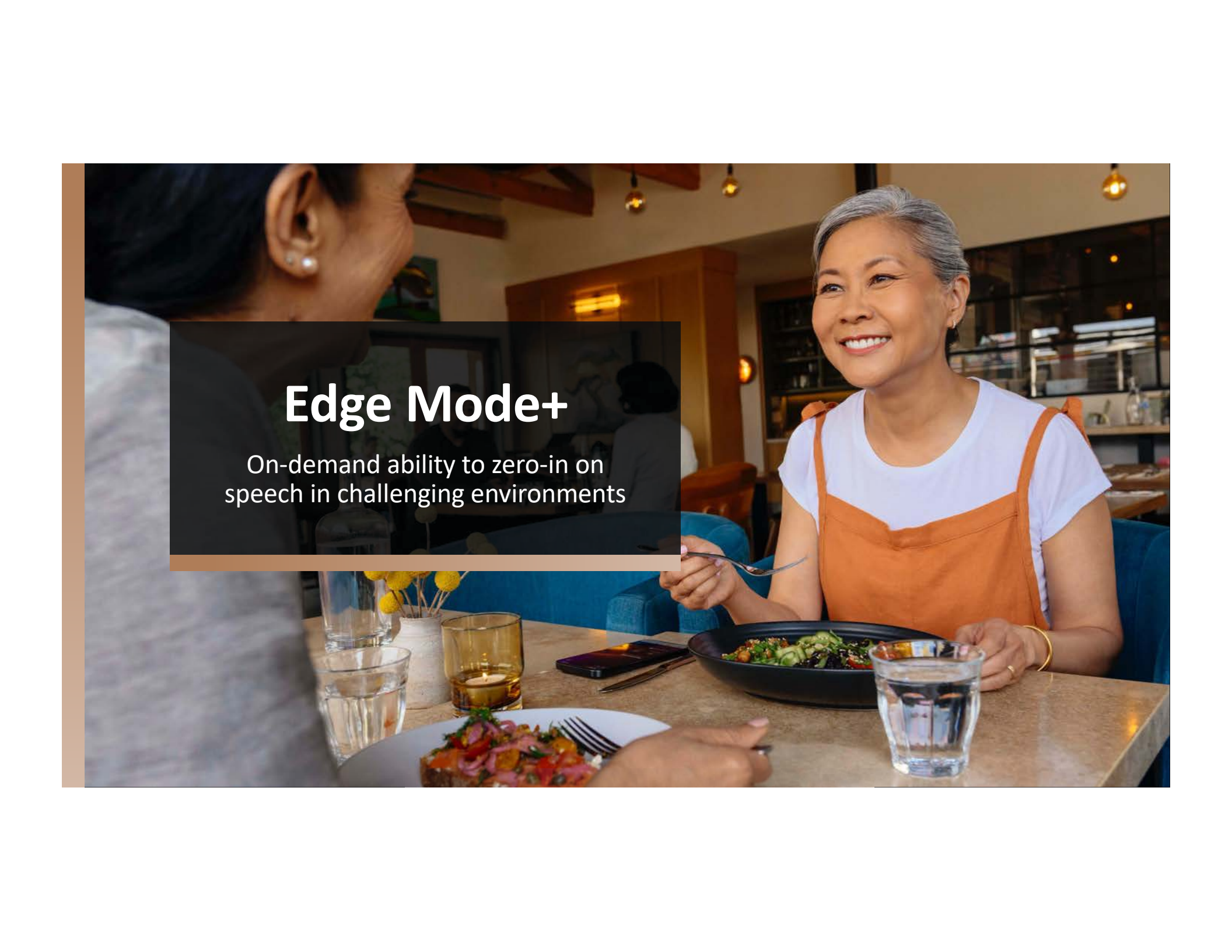


Our **fastest**
wind noise detection
and adaptation yet

Best-in-class streaming sound for music, movies, and more

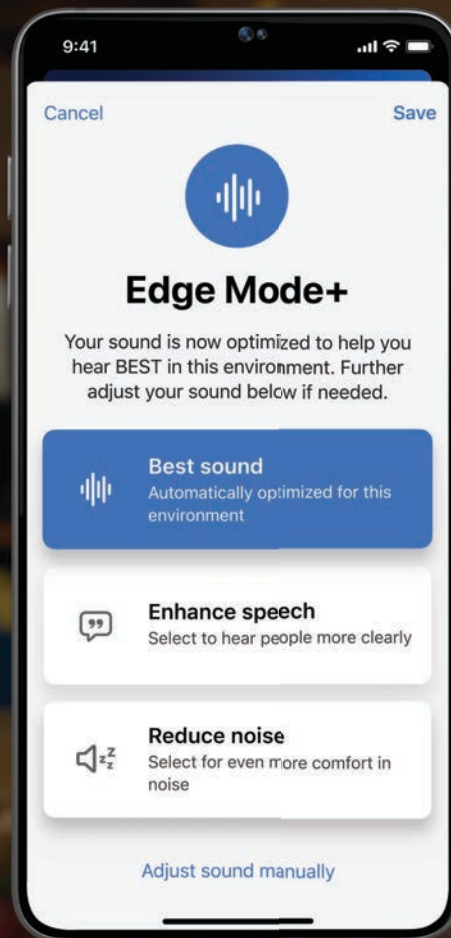
Uses a separate streaming configuration to automatically process streamed inputs with full frequency response adjustment capabilities to ensure that every patient enjoys their streaming experience



A photograph of a woman with grey hair, wearing a white t-shirt and an orange apron, sitting at a restaurant table. She is smiling and looking towards the left. The table has a plate of food, a glass of water, and a smartphone. In the background, there are other tables and chairs in a restaurant setting.

Edge Mode+

On-demand ability to zero-in on
speech in challenging environments



Cancel

Save



Edge Mode+

Your sound is now optimized to help you hear BEST in this environment. Further adjust your sound below if needed.



Best sound

Automatically optimized for this environment



Enhance speech

Select to hear people more clearly



Reduce noise

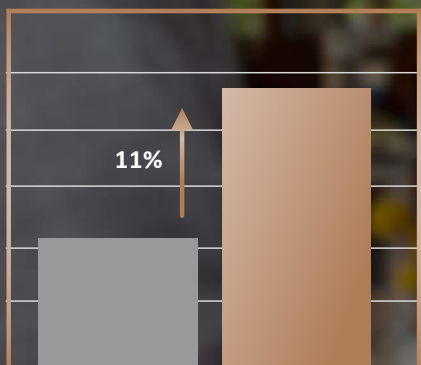
Select for even more comfort in noise

[Adjust sound manually](#)

Edge Mode+

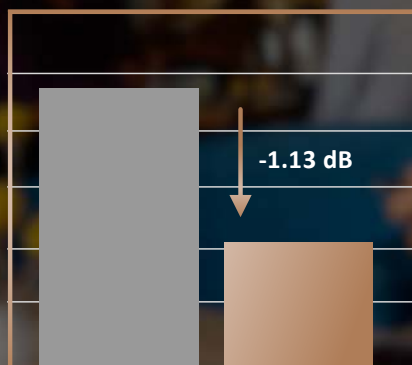
Edge Mode+ has been shown to improve speech recognition and decrease listening effort

Word Recognition Score



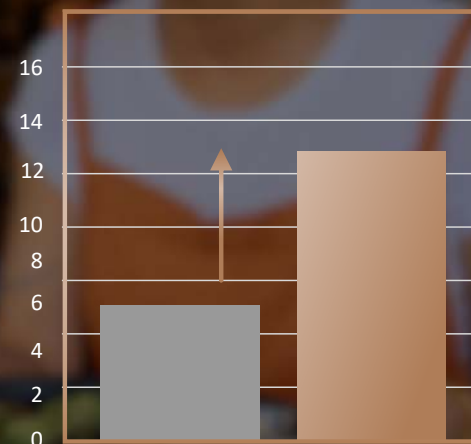
Default Settings Edge Mode+ Enhance Speech

Listening Effort SNR



Default Settings Edge Mode+ Enhance Speech

Edge Mode+ provides better signal-to-noise ratio by up to 13dB



Default Settings Edge Mode+ Reduce Noise



EDGE^{AI}

We've got better hearing
down to *a science*

More than
300 patents worldwide
related to sound quality
and noise management

85 patent applications
since Genesis AI



Improves Speech
Understanding in Noise



Reduces
Listening Effort



Automatically
Adapts



Starkey **Pro Fit**



Starkey **Pro Fit**



Organized

Smart Connect automatically advances you to one of three session types the moment you connect any hearing aids



Efficient

Minute Fit- box to best fit in four clicks



Intuitive

No need to assign a hearing aid as right and left



Supportive

Access to tools such as Troubleshooting from any screen

Fitting Precision

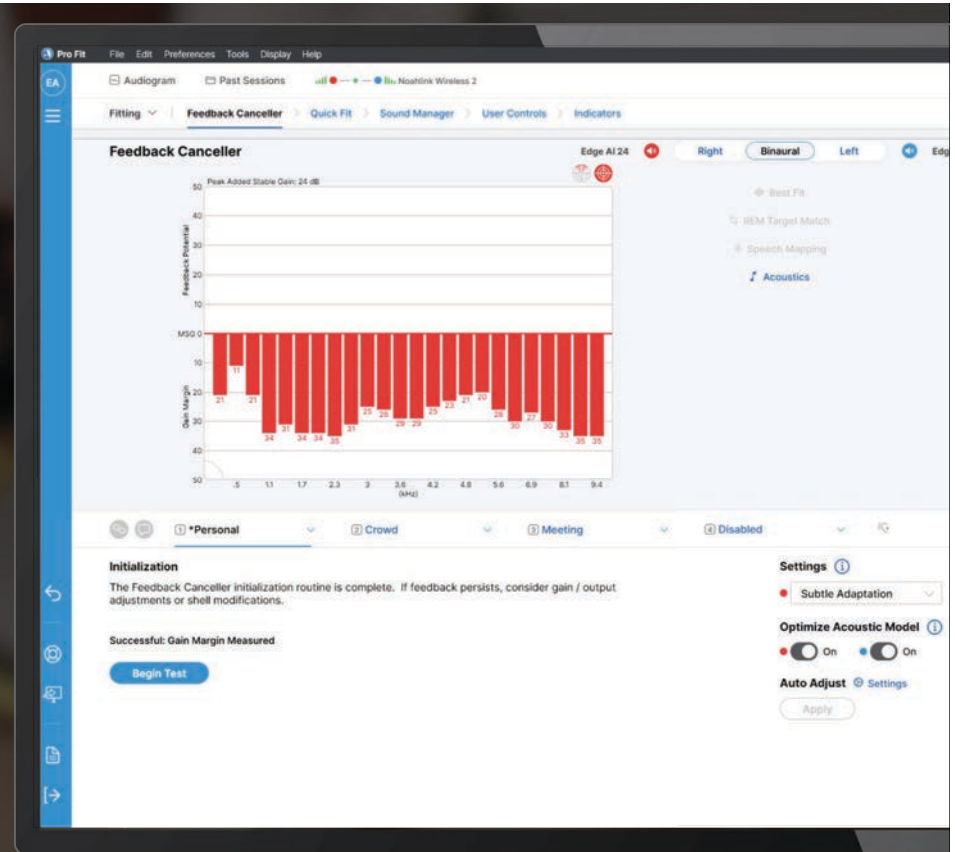
Two unique features for personalizing the hearing aid fitting using the Feedback Cancellation Initialization (FBCi) measurement



**Feedback
Cancellation**



**Optimize
Acoustic Model**





Fitting Precision

REM Target Match now compatible with
Interacoustics Affinity Compact System



REM Target Match

Edge AI 24 **Right** **Binaural** **Left** Edge AI 24

Experience Level

3

Fitting Formula

e-STAT 2.0

Acoustic Options

Occluded Earbud

- Current gain adjustments will be lost by running REM Target Match.
- Select the Real Ear system you wish to use and ensure it is powered on.
- Click Launch to begin.

Setup

Affinity Suite

Scan

Previous

Launch

Next

Cancel

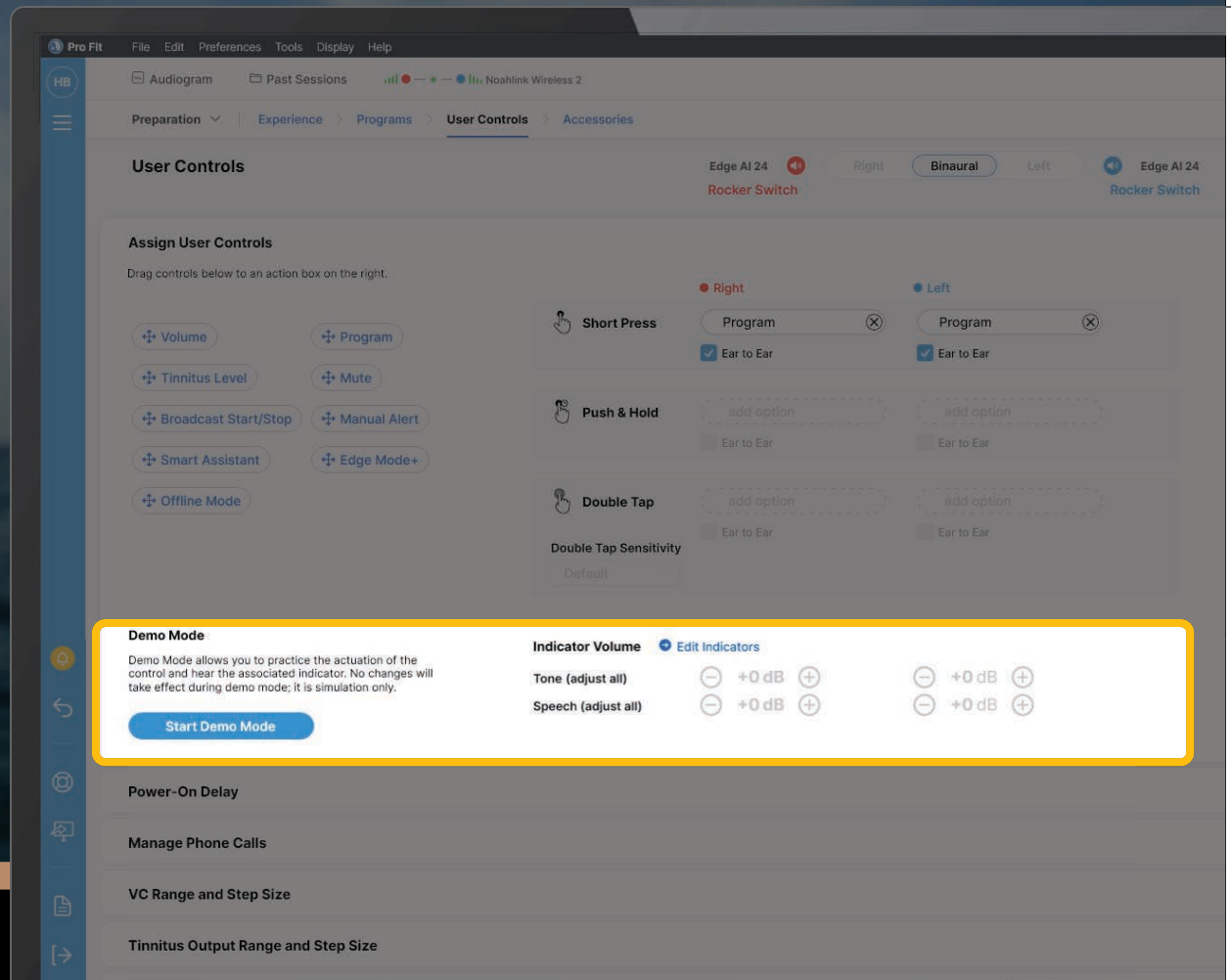


User Controls

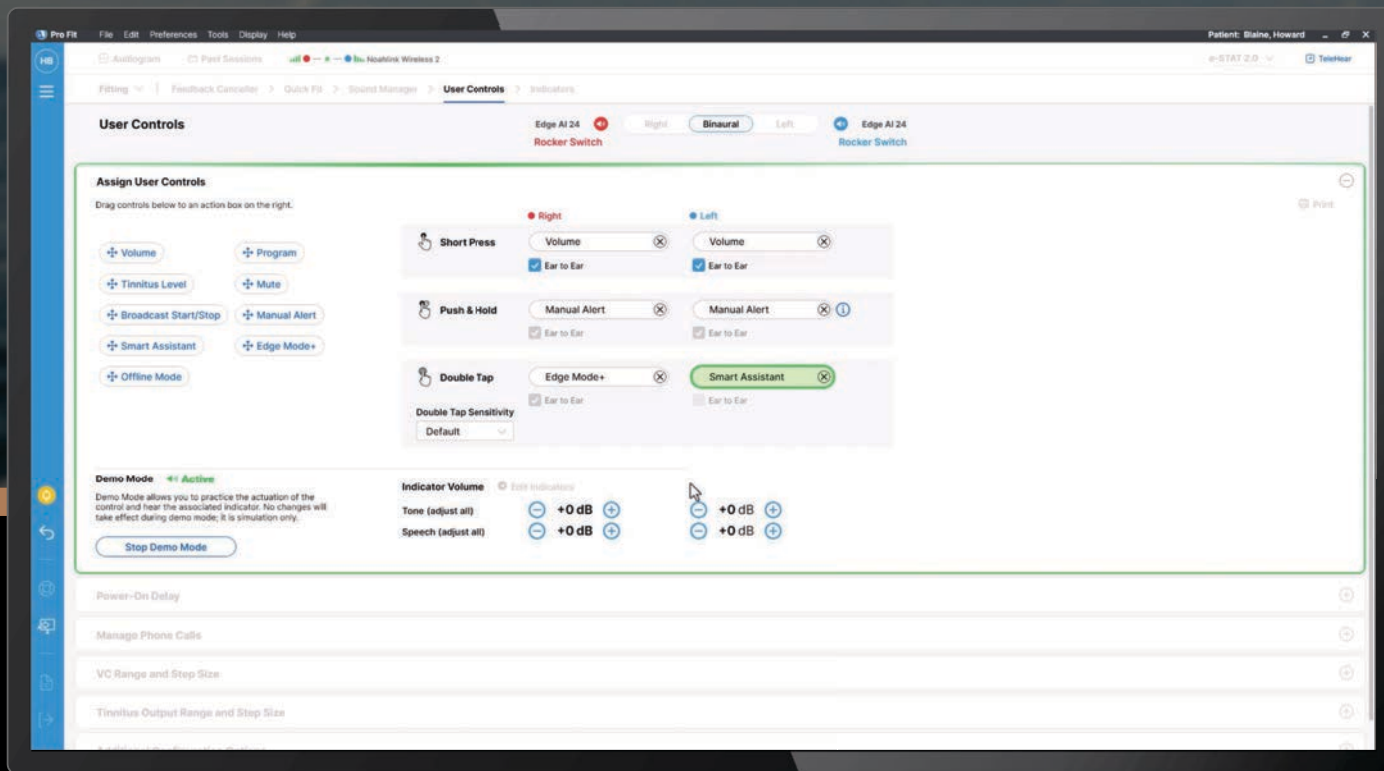
Demo Mode

Practice user controls while connected to Pro Fit and hear the associated indicators

Adjust indicator volume directly from this screen

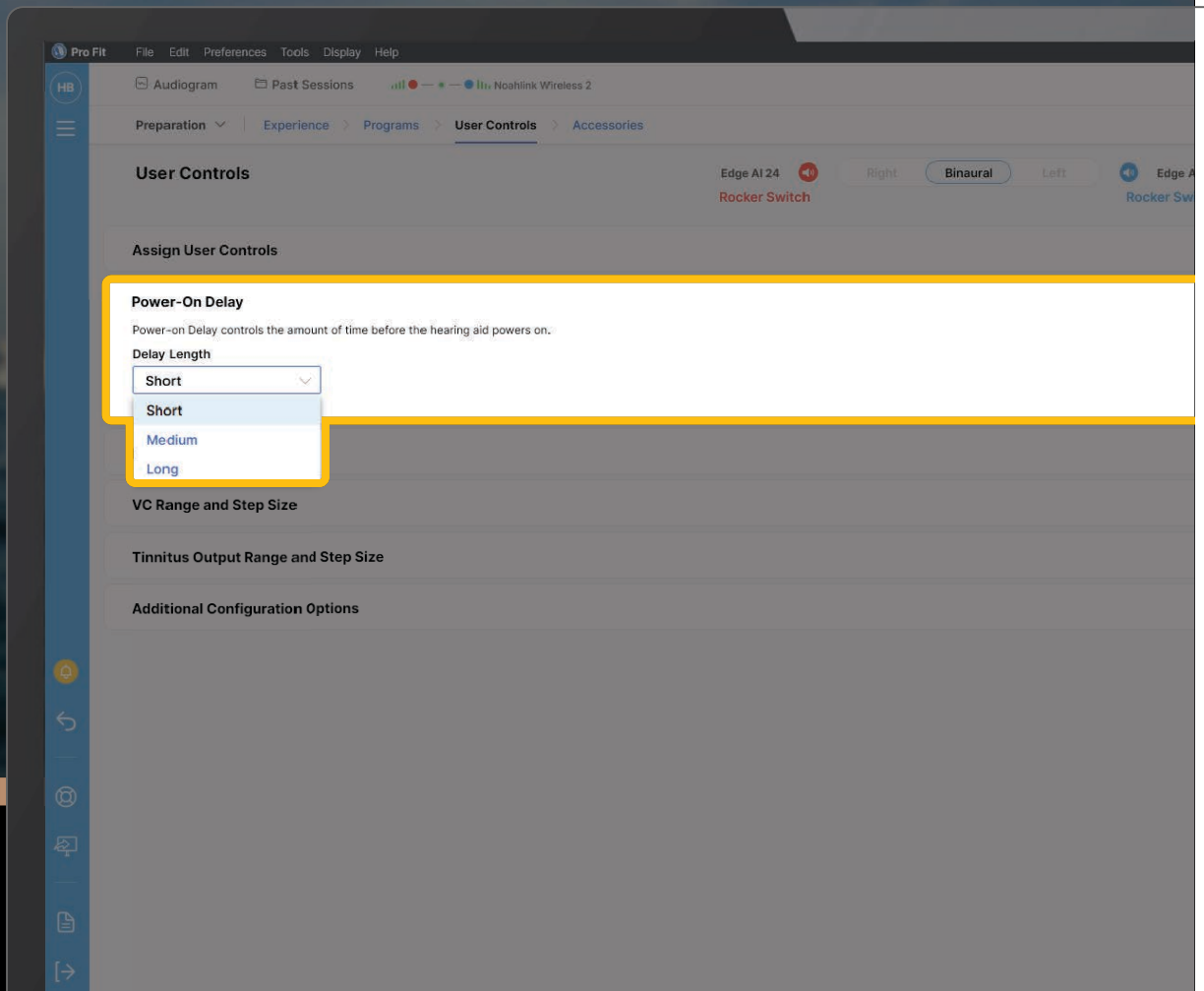


Demo Mode



User Controls

Power-on Delay
Moved from Fitting Summary
Screen to the User Control
Screen





Accessories

Streaming Mic Accessories

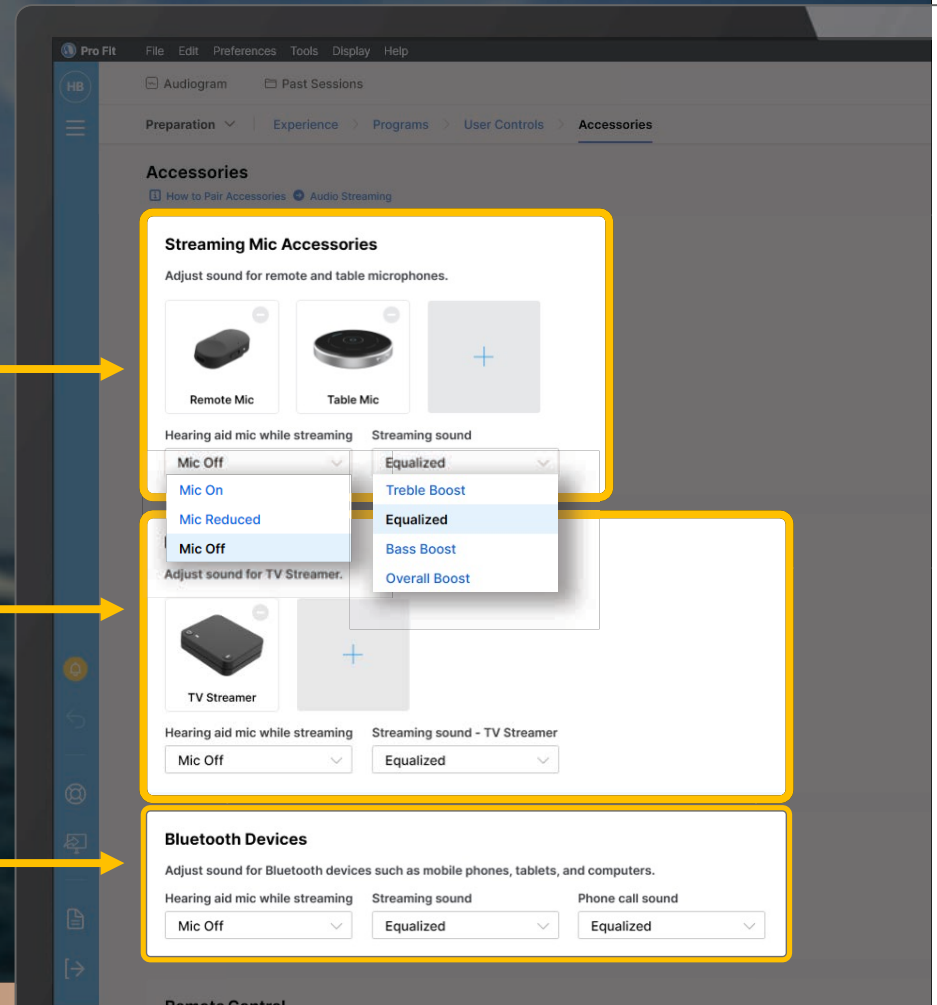
Remote Mic and Table Mic controls

Broadcast Devices

Edge AI TV Streamer controls

Bluetooth Devices

Bluetooth devices streaming controls





Accessories

How to Pair Accessories

Information on pairing all Edge AI compatible accessories

Pairing Streaming Accessories

To pair accessories from the Accessory screen:

- Place the hearing aids/CROS receiver* within 6 inches of the accessory
- Put the accessory into pairing mode based on the instructions below
- Click "+" to put the hearing aid(s) into pairing mode

The accessory is paired when the Accessory image displays in the Accessory screen.

TV Streamer

Press Pairing button once



Remote Mic

Press and hold Pairing button until the light flashes



Table Mic

Press and hold Pairing button for 2 seconds



Remote

Press and hold Favorite button for 5 seconds



*Ensure CROS transmitter is out of pairing range or off.

Close

Pro Fit File Edit Preferences Tools Display Help
HB
Audiogram Past Sessions
Preparation Experience Programs User Controls Accessories

Accessories

Mic Off Equalized

Bluetooth Devices

Adjust sound for Bluetooth devices such as mobile phones, tablets, and computers.

Hearing aid mic while streaming Streaming sound Phone call sound

Mic Off

Equalized

Equalized

Remote Control

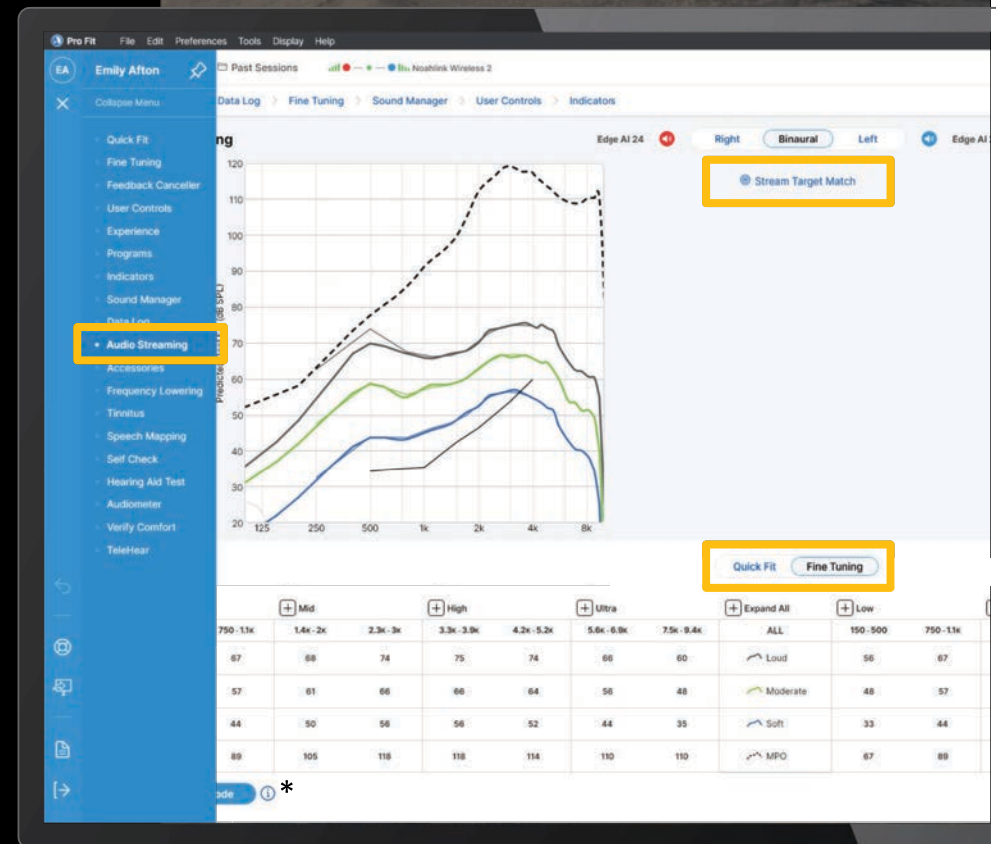
Audio Streaming

Found on the Flyout Menu

Quick Fit and Fine-Tuning controls

Stream Target Match: Target matches the Audio Streaming Configuration

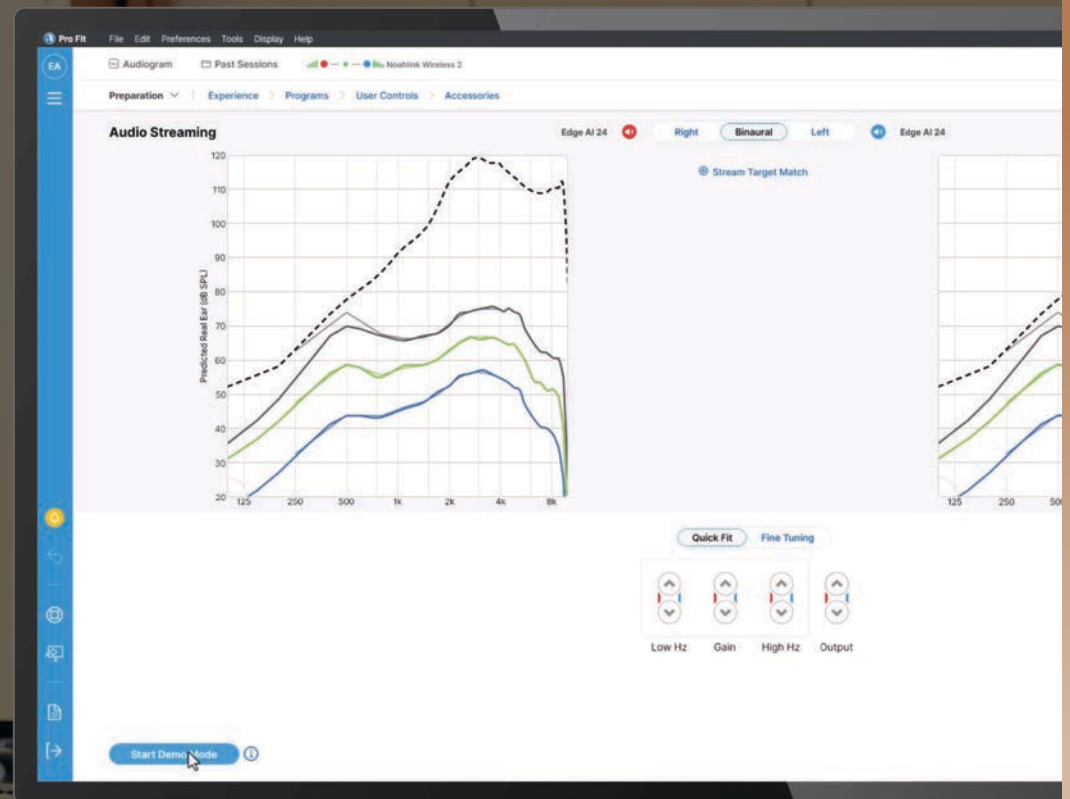
**Exclusive to Edge AI Devices*



Demo Stream

Stream from a mobile phone or TV Streamer while connected to Pro Fit

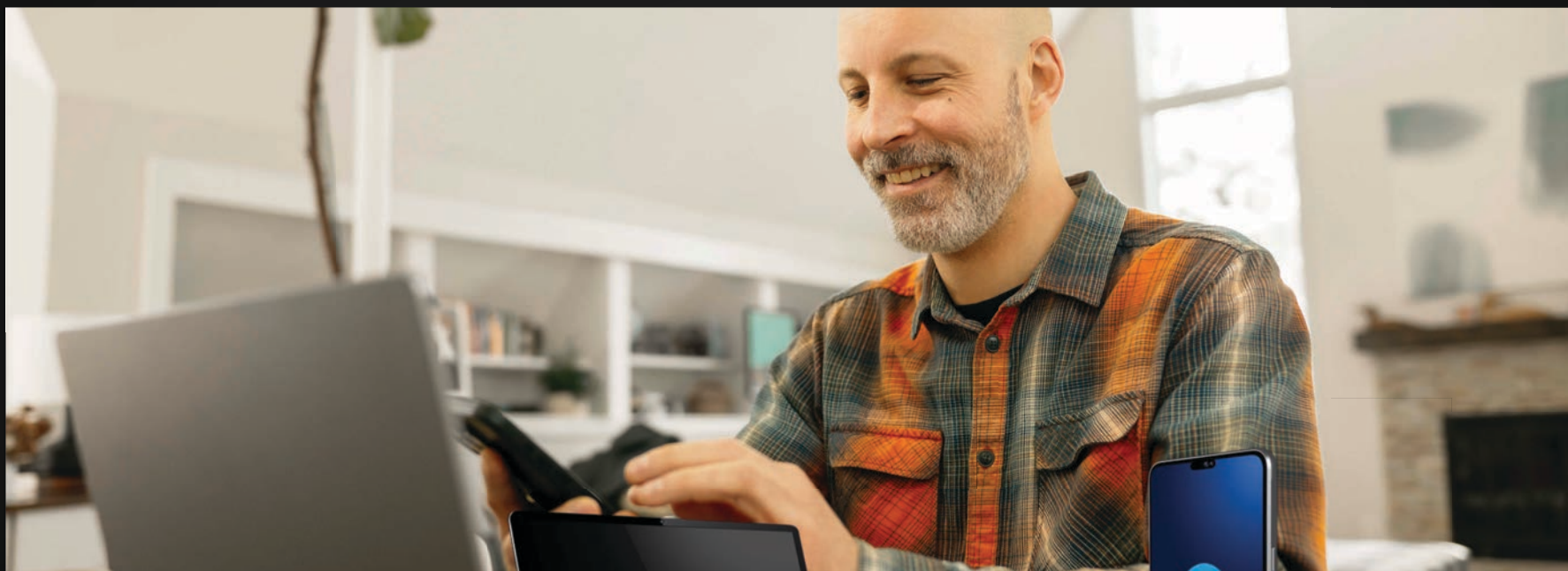
Customize the streaming frequency response while actively streaming



Multiflex Tinnitus Pro

Delivering personalized
relief for each individual

Audiogram-shaped	Automatic stimulus shaping based on the hearing loss
Custom	Personalized stimulus shaping using MDLs and MMLs
White	Equal energy distribution across frequencies
Pink	More low frequency energy than white noise
Red	More low frequency energy than pink noise
Blue	More high frequency energy than white noise
Purple	More high frequency energy than blue noise
Ocean	Mimics the sound of the ocean for an alternative masker to traditional options



EDGE^{AI}

Hear there,
hear *anywhere*





EDGE^{AI}

Featuring 2.4 GHz Radio
with LE Audio

2X IMPROVEMENT
IN STREAMING RANGE



MULTI DEVICE
CONNECTIVITY



BEST-IN-CLASS
STREAMING
SOUND QUALITY

Benefits of using LE Audio



Improved audio quality

clearer sound with enhanced listening experience and better range



More efficient

radio has low power consumption



Universal connectivity

one protocol for all devices



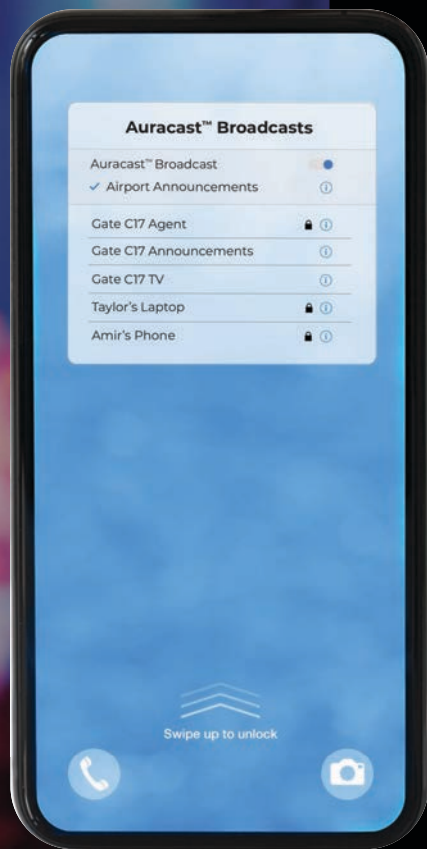
Multiple connections

connect hearing aids to multiple devices at once



Auracast™

connection to audio sources in public places
improving accessibility and participation



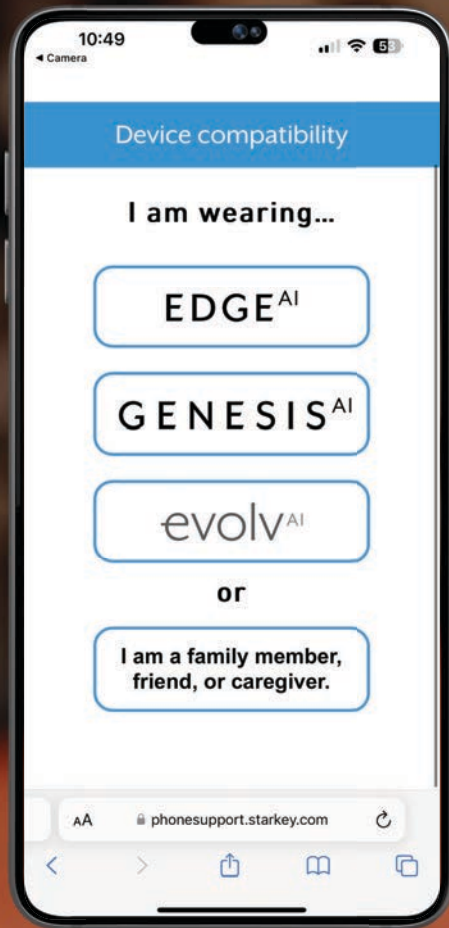
LE Audio Auracast™

Enables direct streaming from a variety of broadcast sources using a native user interface on a smartphone for discovering and joining broadcasts

LE Audio Unicast

Enables direct streaming from a variety of device types including smartphones, tablets, and personal computers





Device Compatibility

StarLink Edge Accessories

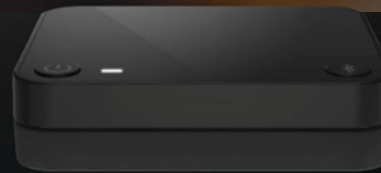
Compatible with the Edge AI family
Streaming accessories feature Auto Stream Recovery



StarLink Edge
Table Microphone



StarLink Edge
Remote Microphone



StarLink Edge
TV Streamer



StarLink
Remote Control 2.0

StarLink Edge Accessories

ALL
NEW



StarLink Edge
Table Microphone

ALL
NEW



StarLink Edge
Remote Microphone



StarLink Edge

Table Microphone

Our rechargeable table microphone features eight built-in microphones and multiple listening modes, automatically focusing on speech signals of interest in multi-speaker environments for clear, effortless listening





StarLink Edge Table Microphone

Key Features



Battery charge time

2 hours



Streaming time up to

10 hours



Operating range (15 meters)

up to 50 feet*

*Presumes line of sight and no interference

Meet the StarLink Edge Table Microphone

- ① USB-C jack
- ② Segments/
Directional touch keys
- ③ Mute mode
- ④ Automatic mode button
- ⑤ Power button
- ⑥ Volume up (+) and down (-) buttons
- ⑦ Microphones
- ⑧ Hearing aid pairing button
- ⑨ Magnetic interface for hanger



Listening Modes



The StarLink Edge Table Mic has multiple listening modes including Automatic, Manual, Surround, and Remote Mic

For best listening:

Place as close as possible to the conversation partner(s)

Place with the power and volume control buttons facing the hearing aid user

StarLink Edge Table Microphone

Adjust Streaming Volume



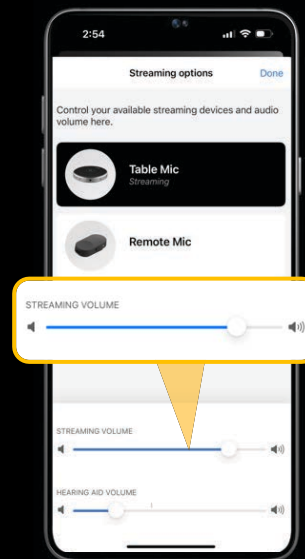
On board volume buttons



Hearing aid user control



Remote control
volume control
buttons



My Starkey streaming
options screen



StarLink Edge Remote Microphone

Our sleek, rechargeable remote microphone enables effortless binaural streaming, enhances one-on-one conversations in noise, and doubles as a convenient remote control



StarLink Edge Remote Microphone

Key Features



Battery charge time

3 hours



Streaming time up to

10 hours



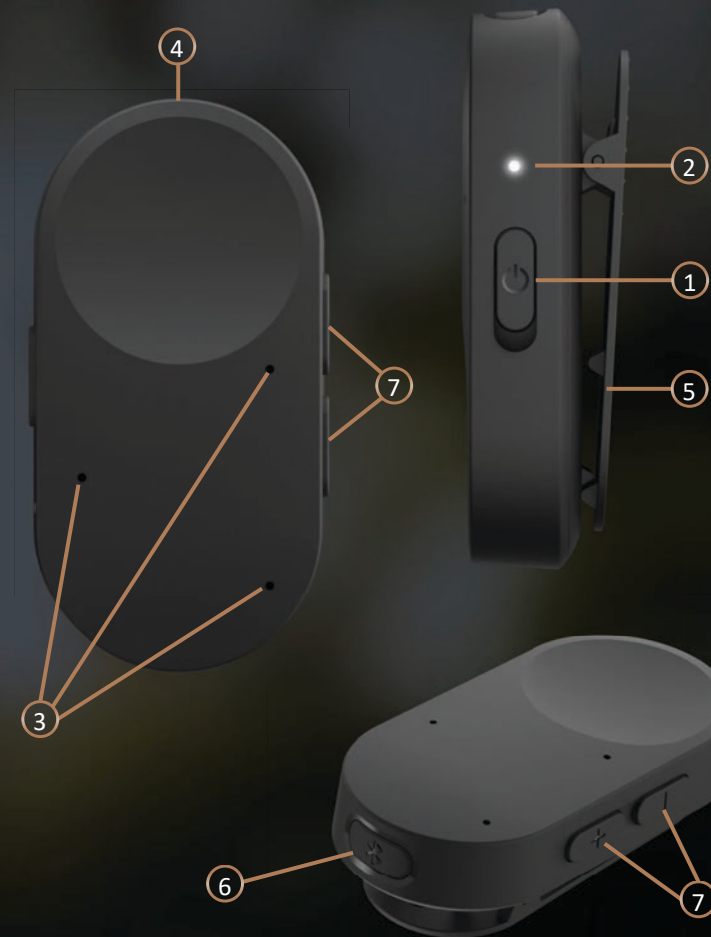
Operating range

up to 50 feet



Meet the StarLink Edge Remote Microphone

- ① Power switch
- ② Indicator light
- ③ Microphones
- ④ Power supply jack (USB-C)
- ⑤ Clip
- ⑥ Pairing button
- ⑦ Volume control/Program button





Remote Control Functions

A short press of the volume buttons up or down will adjust the hearing aid volume

A long press of the volume control will cycle through hearing aid programs

StarLink Edge Remote Microphone

Adjust Streaming Volume



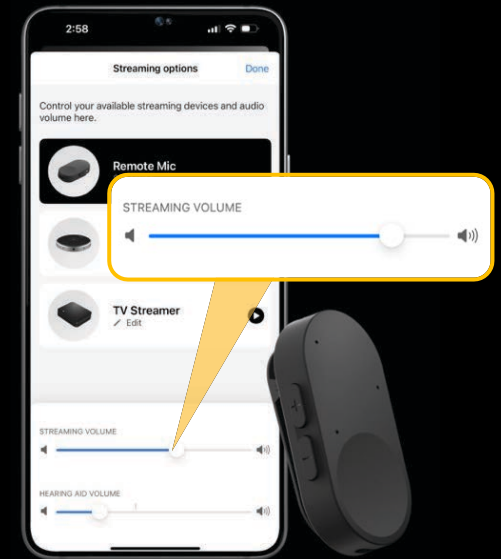
**Remote control volume
control buttons**



**On board
volume buttons**



**Hearing aid
user control**



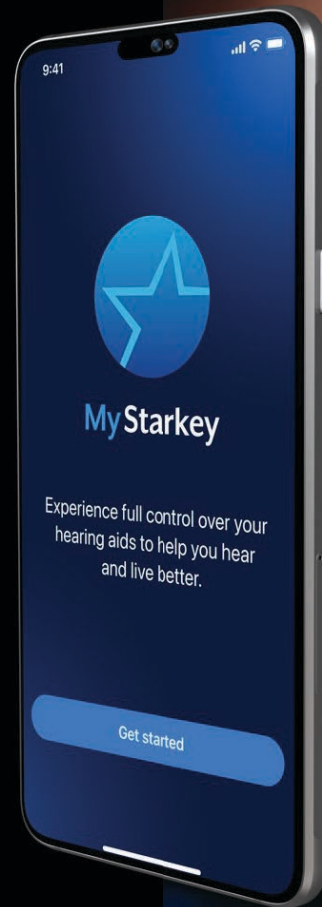
**My Starkey streaming
options screen**



MyStarkey

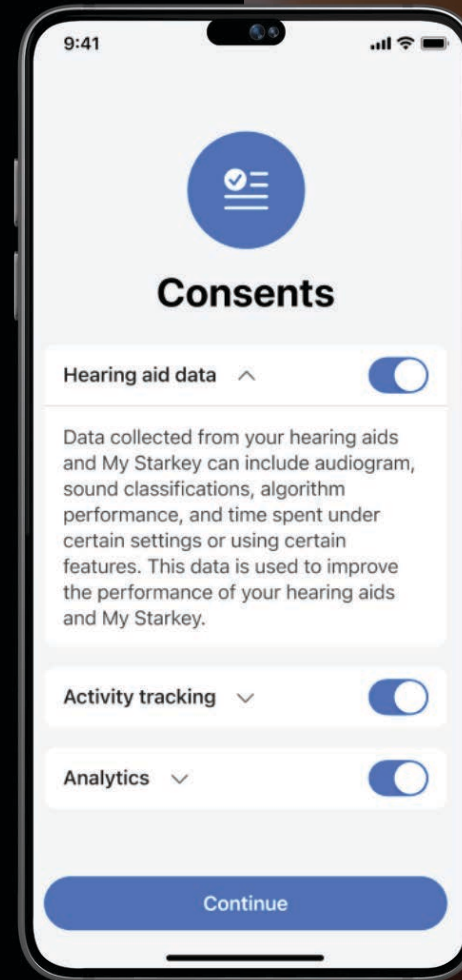
**A control center
for hearing aids**

Change programs and
adjust volume quickly
and easily, even with
an Apple Watch



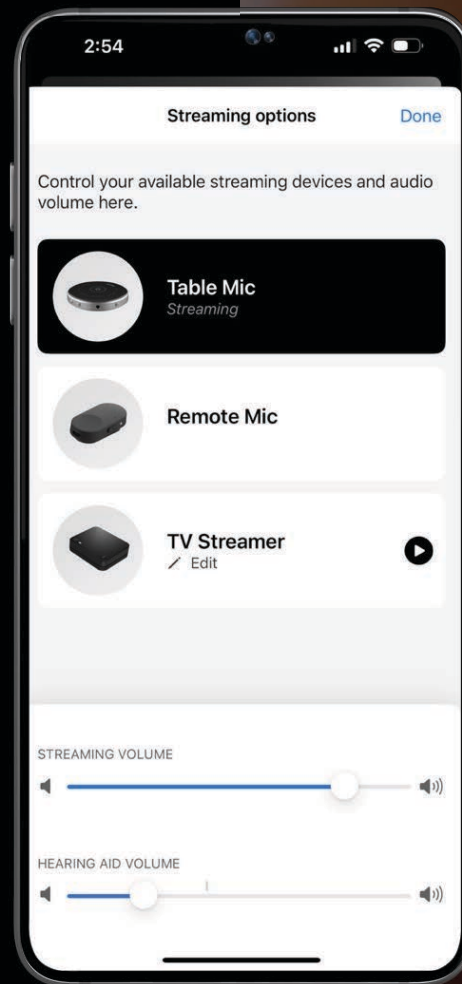
My Starkey Streamlined Consents

One unified screen for
improved user experience



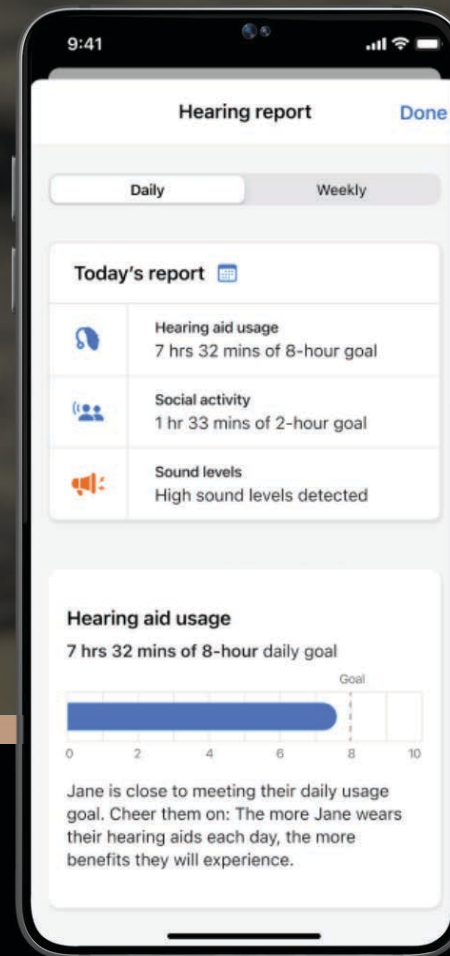
My Starkey Streaming Options

Manage streaming options
for all paired accessories



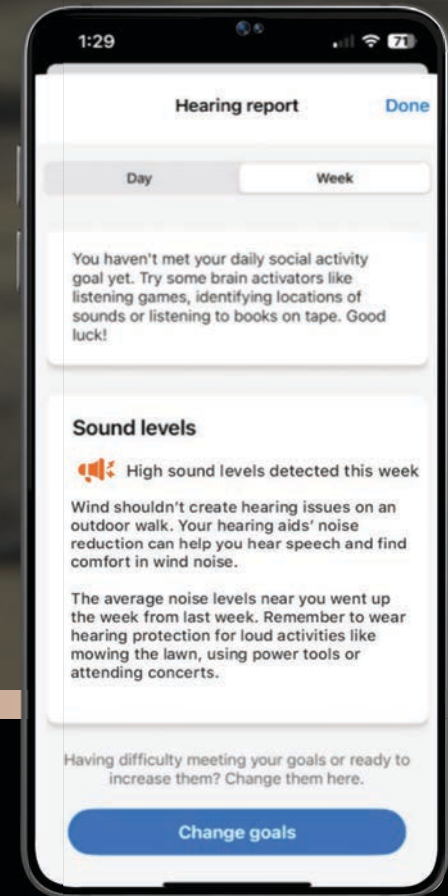
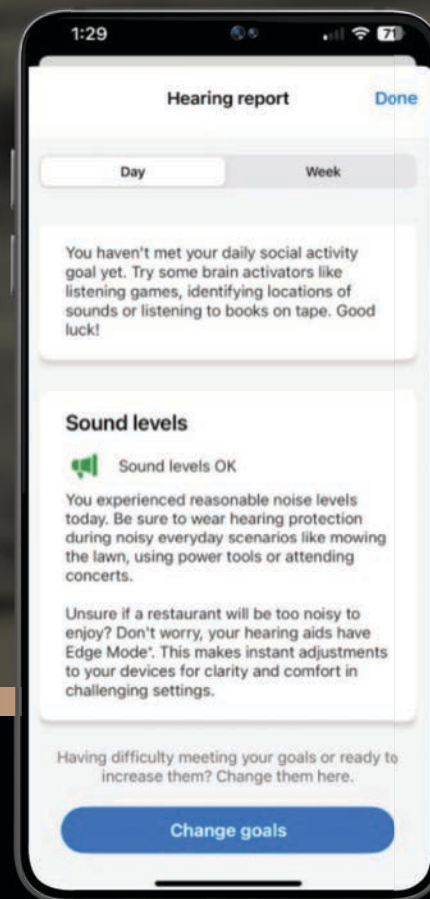
My Starkey Hearing Report

Provides a summary of daily
or weekly hearing activity



Hearing Report Sound Levels

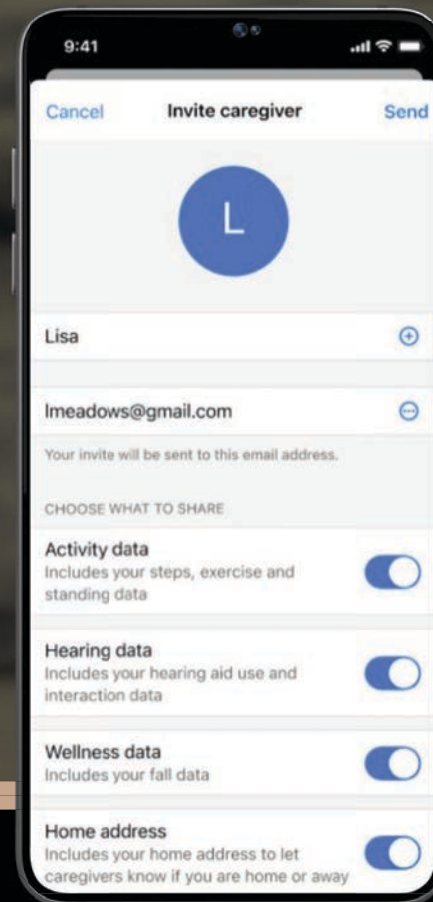
Provides educational
information related to
sound levels experienced





My Starkey Share Home Location

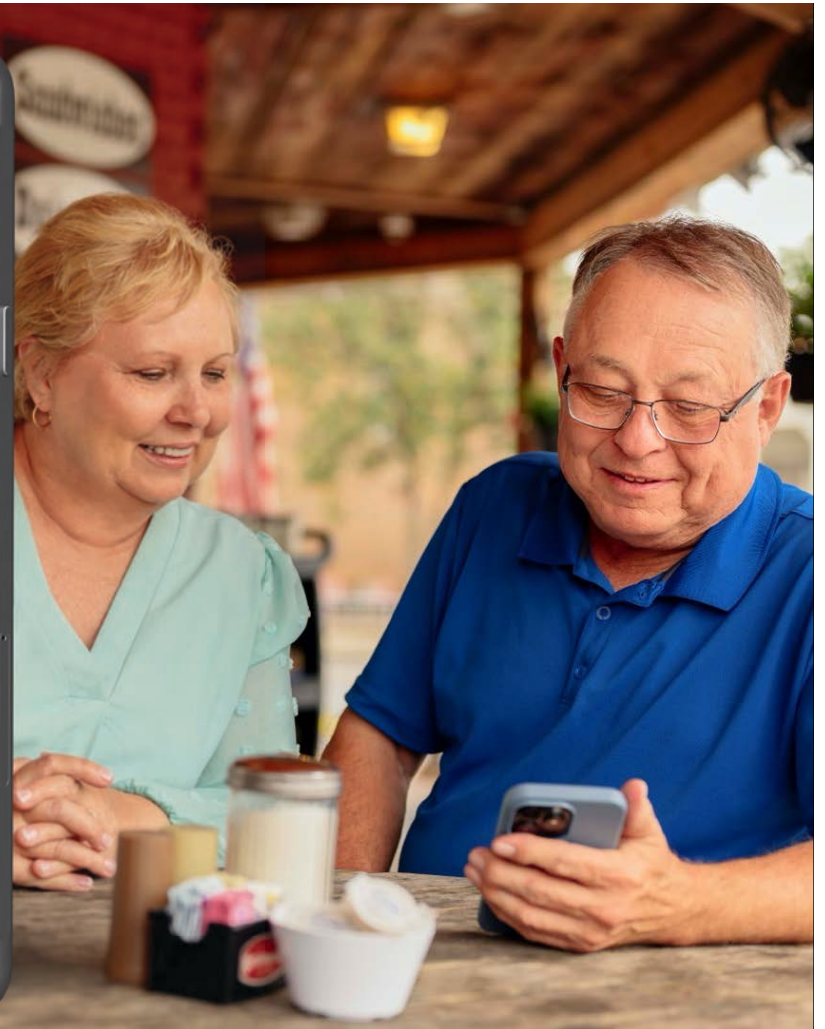
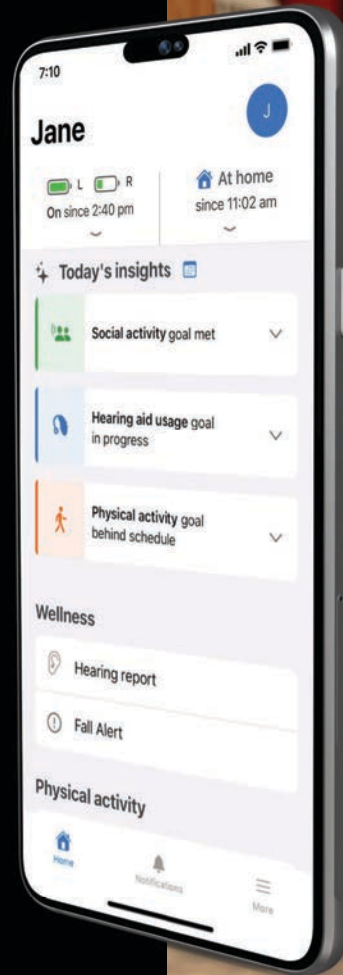
Add/share home location with
Hear Share caregiver





HEARShare

Provide peace of mind
for caregivers and more
independence for
hearing aid wearers





Patient Benefit

Nonintrusive health and safety monitoring supporting independence, empowers active participation in care decisions, and provides assistance as needed or desired

Caregiver Benefit

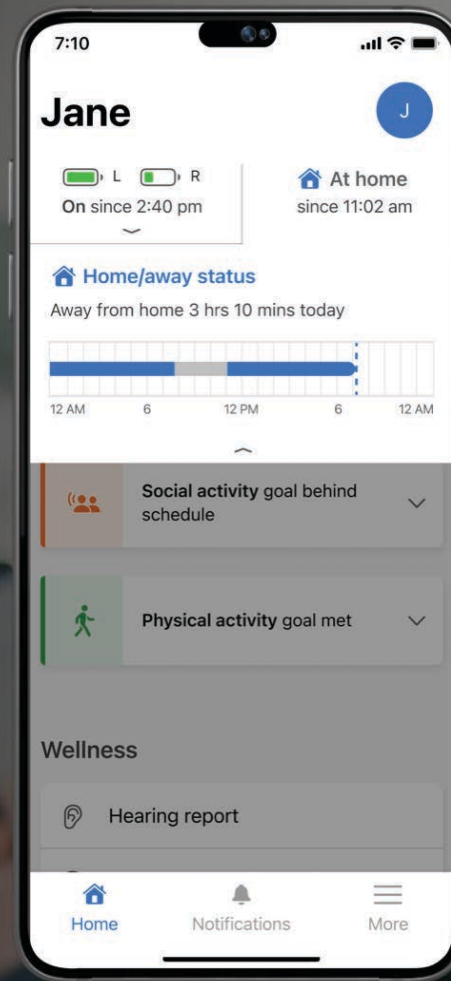
Stay informed in a nonintrusive way including alerts for falls, enabling convenient, anytime-anywhere care and peace of mind

Benefit to Providers

Boost patient satisfaction, reduce unnecessary visits and returns, and create added value that motivates the purchase of advanced technology

Hear Share Home/Away Status

A simple way for caregivers to view
the users shared home or away status

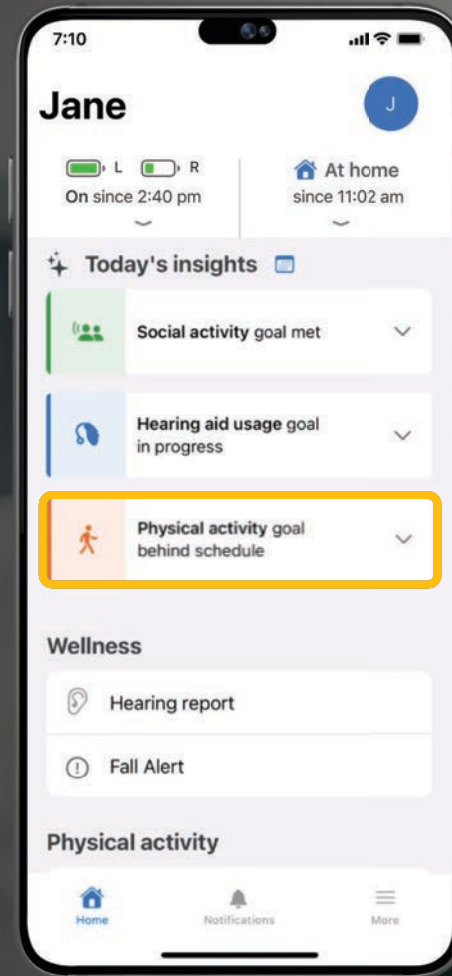


Hear Share Home Screen

Shares the patient's activity and
general information

Status of goals is indicated by the color

- Behind
- On Track
- Goal Met

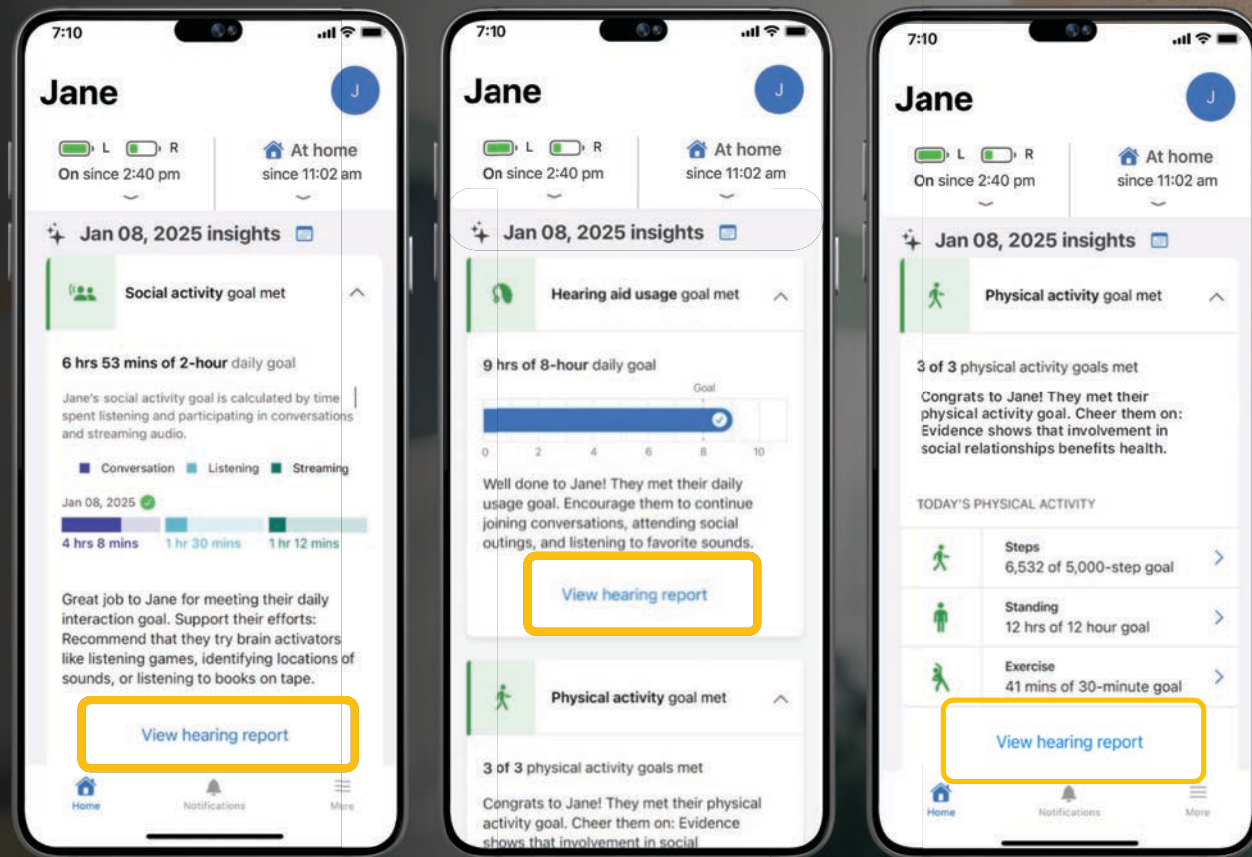


Tap to view details

Hear Share Insights

View additional details and insights for Social Activity, Hearing Aid Usage or Physical Activity

View the Hearing Report at the bottom of each section



Hear Share Hearing Report

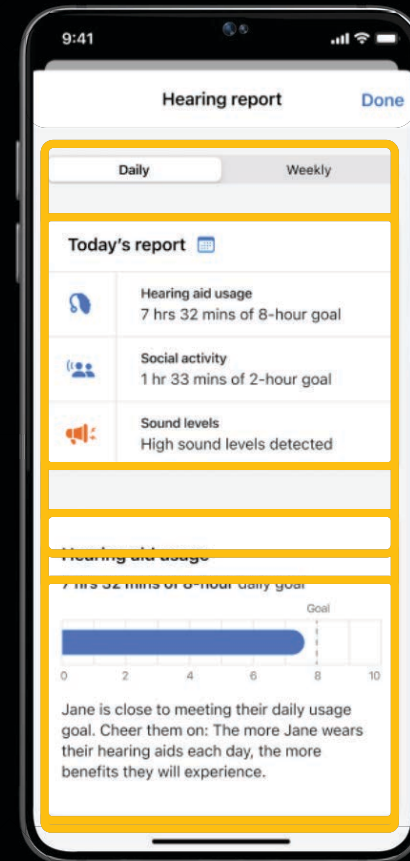
Today's report

Scroll to view detailed views for:

Hearing aid usage

Social activity

Sound levels

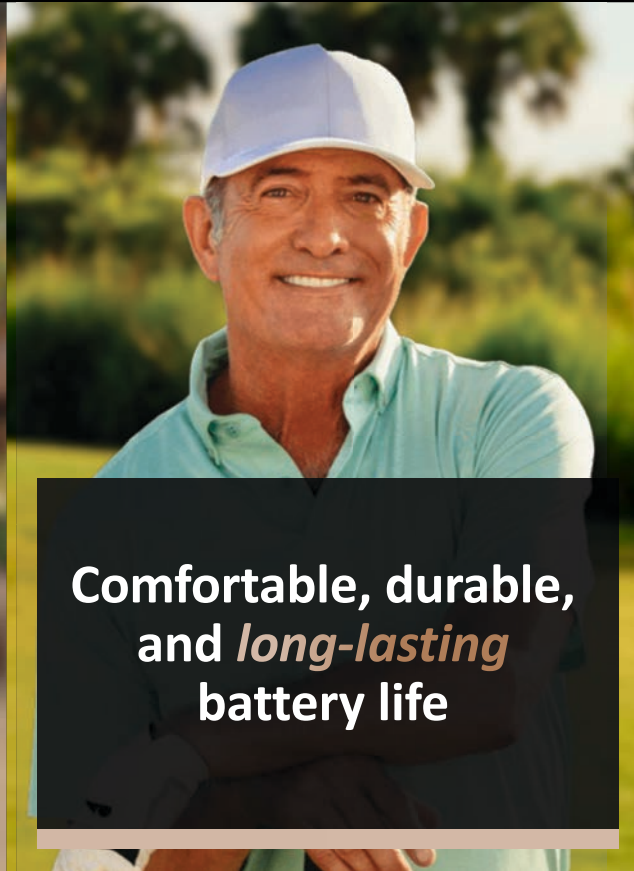
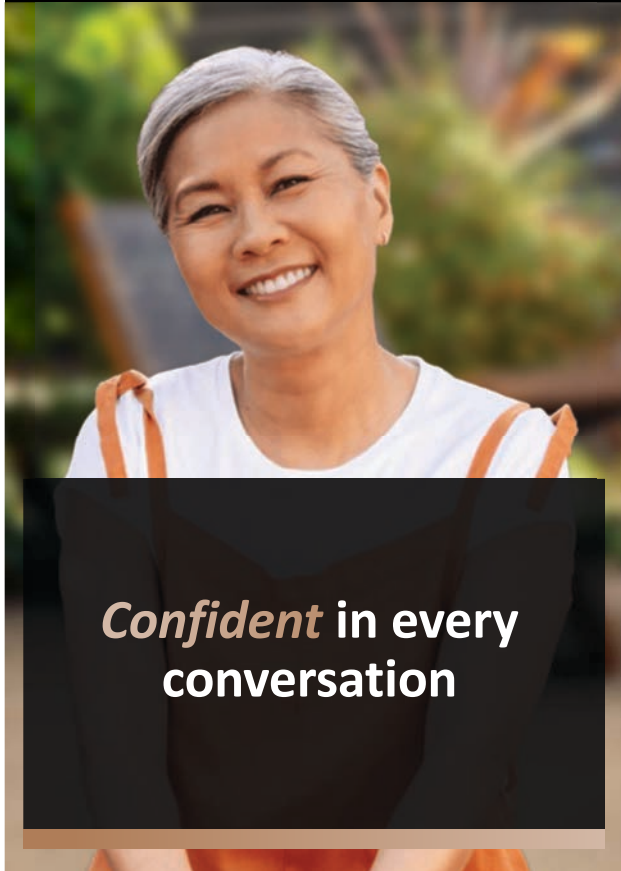




***Delivering seamless connectivity
through industry leading wireless
technology and partnerships***



Every patient can benefit from Edge AI





Your Support Teams

75 Sales Professionals

12 Education & Training Audiologists

36 Audiology & Tech Support Members

At least 5 Audiologists/Hearing Instrument Specialists per sales region!

200+

Customer Service Representatives



Patient Technical Support Line



There's an **Edge** for everyone

