



OMEGA^{AI}
Optimize Sound Quality with Omega AI

For technical questions or log-in information please contact Starkey at 1800 024 985 or australia@starkey.com.au
Access Code: 2862 899 5124 if needed



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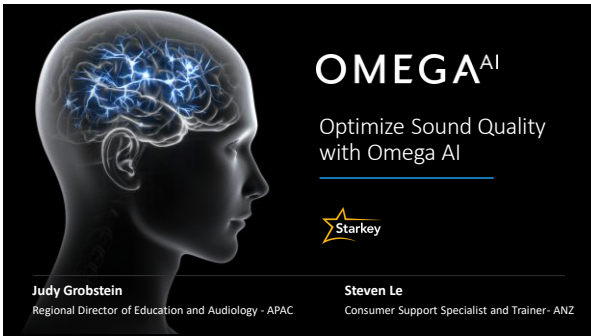
OMEGA^{AI}
Optimize Sound Quality with Omega AI

The Webinar will start in....
00:05:00


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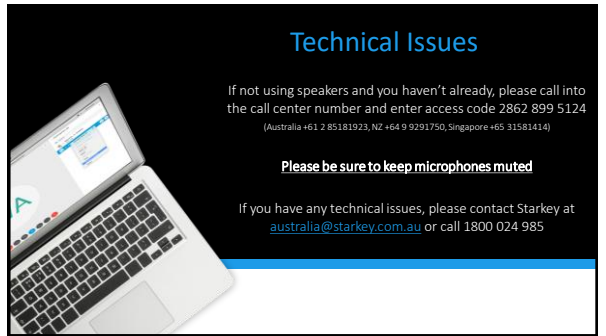
OMEGA^{AI}
Optimize Sound Quality with Omega AI



Judy Grobstein
Regional Director of Education and Audiology - APAC

Steven Le
Consumer Support Specialist and Trainer - ANZ

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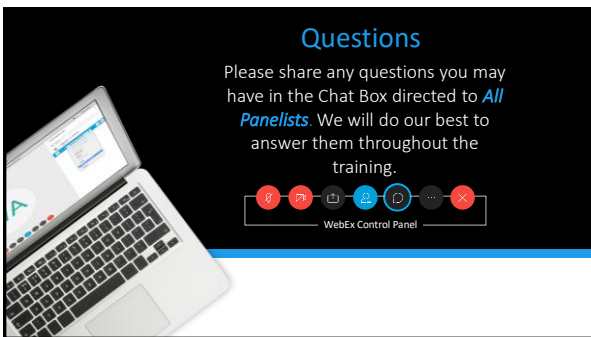
Technical Issues

If not using speakers and you haven't already, please call into the call center number and enter access code 2862 899 5124
(Australia +61 2 85181923, NZ +64 9 9291750, Singapore +65 31581414)

Please be sure to keep microphones muted


If you have any technical issues, please contact Starkey at australia@starkey.com.au or call 1800 024 985

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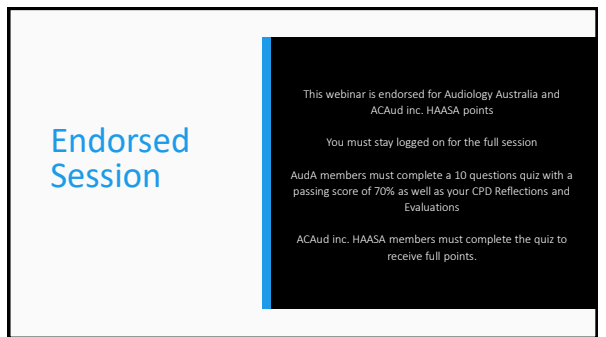
Questions

Please share any questions you may have in the Chat Box directed to **All Panelists**. We will do our best to answer them throughout the training.



WebEx Control Panel

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Endorsed Session

This webinar is endorsed for Audiology Australia and ACAud inc. HAASA points

You must stay logged on for the full session

AudA members must complete a 10 questions quiz with a passing score of 70% as well as your CPD Reflections and Evaluations

ACAud inc. HAASA members must complete the quiz to receive full points.

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Learning Outcomes

- 1 Describe the benefits of the all-new DNN 360 features
- 2 Explain the value of Optimize Acoustic Model 2.0
- 3 Identify at least two additional sound quality optimization features available in Omega AI hearing aids

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Sound Quality

“...a perceptual reaction to the sound of a product that reflects the listener’s reaction to how acceptable the sound of that product is.”

Richard H. Lyon

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Top Drivers of Hearing Aid Performance and Sound

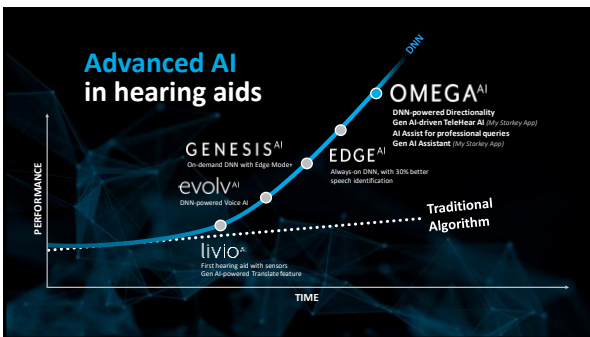
- Natural Sounding *Rich and Clear*
- Comfort for loud sounds
- Minimize background noise
- Ability to tell direction

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Starkey

Always creating new paths

10

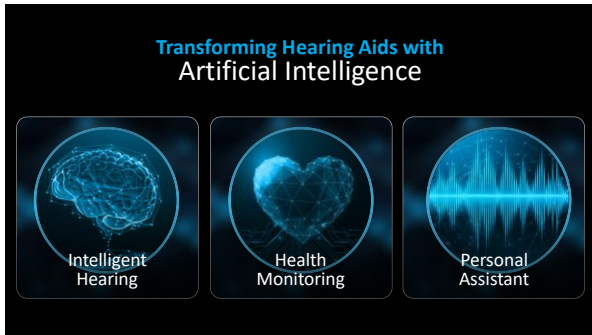


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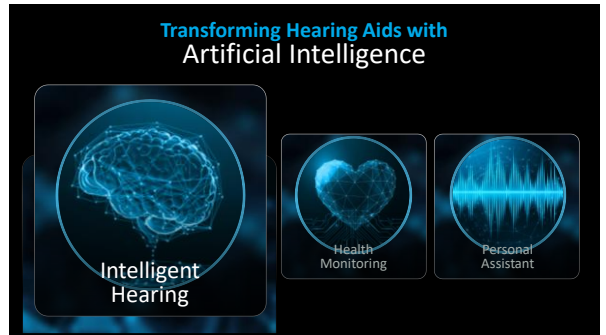
Introducing **OMEGA**^{AI}

Technology so intelligent, it's superhuman

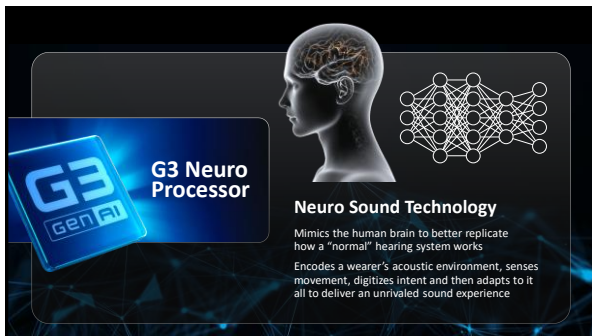
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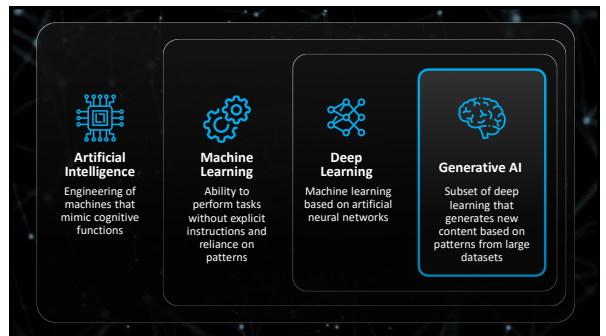
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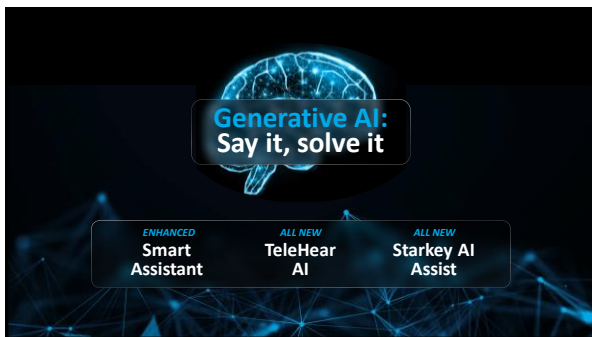
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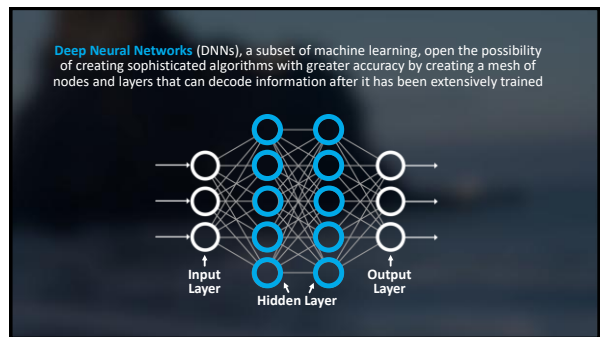
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AI-Driven Sound Quality Advancements

Voice AI

Edge Mode+

DNN Enhanced Speech in Noise

DNN 360

World's First DNN-Driven Directionality System

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Voice AI

24 Technology Exclusive

Regular
Similar to Live Listen function but without the low pass filter imposed by iOS

Enhanced
Adds Voice AI algorithm

Adjust input of the Phone Microphone and Hearing Aid Microphones independently as desired

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Edge Mode+

On-demand real-time analysis of environments for additional help with comfort and clarity

Unique adaptations for every environment

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Edge Mode+

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

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

Word Recognition Score

Settings	Score
Default Settings	~10
Edge Mode+ Enhance Speech	~11

Listening Effort SNR

Settings	SNR
Default Settings	~1.13
Edge Mode+ Enhance Speech	~0

Signal-to-Noise Ratio

Settings	SNR
Default Settings	~5
Edge Mode+ Reduce Noise	~13

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Edge Mode+

Edge Mode+

20 & 16 Technology

Settings are fixed once engaged
Turn ON and OFF to accommodate changes to listening environments

Automatic Edge Mode+

24 Technology

Automatically rescans as environment changes

24



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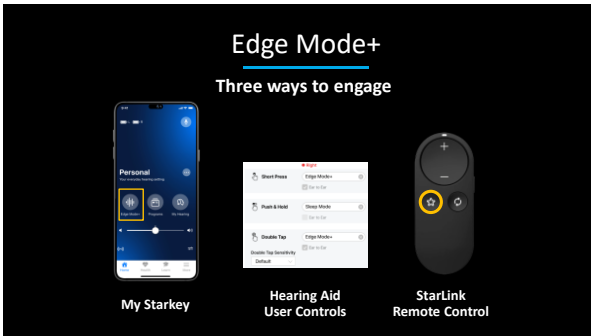
Patient Benefits

On-demand adjustments made for the listener

More adjustments than can be achieved through My Starkey or Pro Fit

Eliminates the need for hearing aid programs

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Edge Mode+

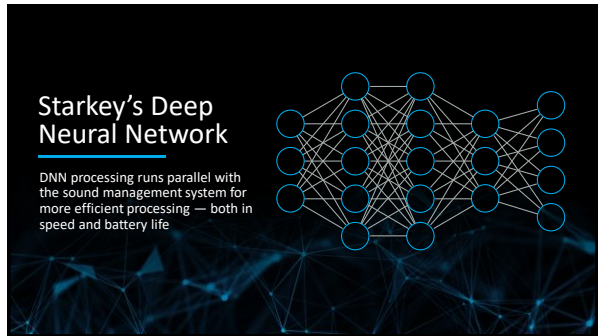
Three ways to engage

My Starkey

Hearing Aid User Controls

StarLink Remote Control

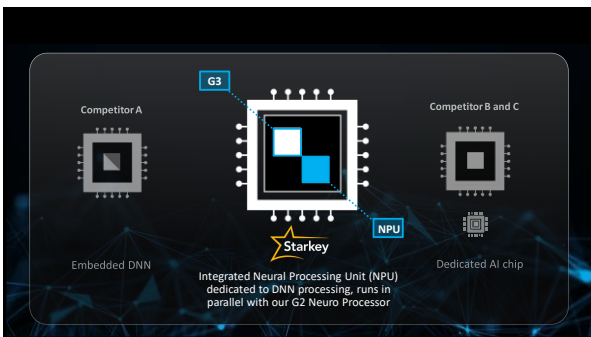
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Starkey's Deep Neural Network

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

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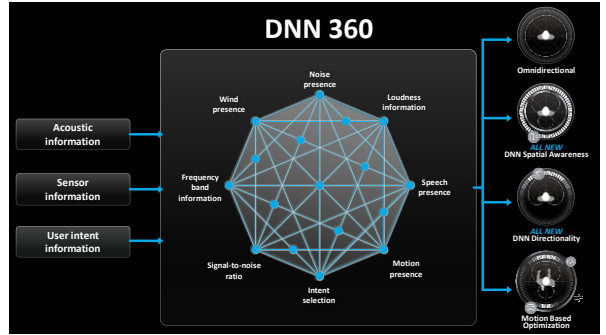
Deep Neural Network Enhanced Speech in Noise

Industry's first Speech Probability Predictor
30% more accurate
at identifying speech

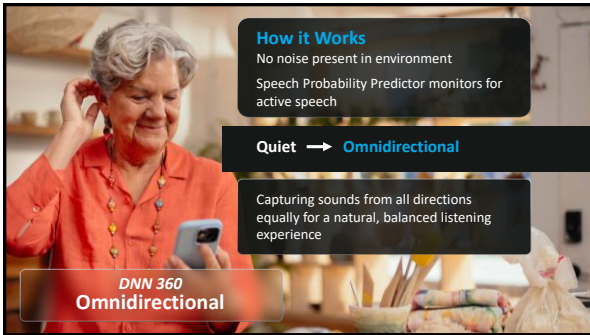
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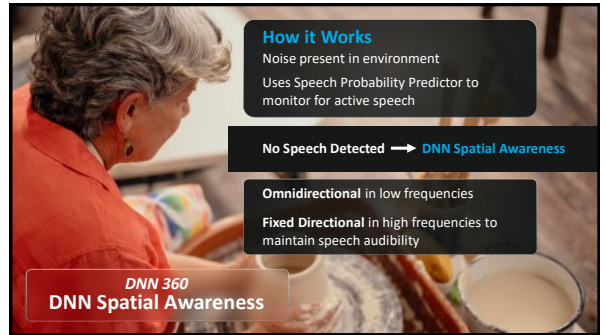
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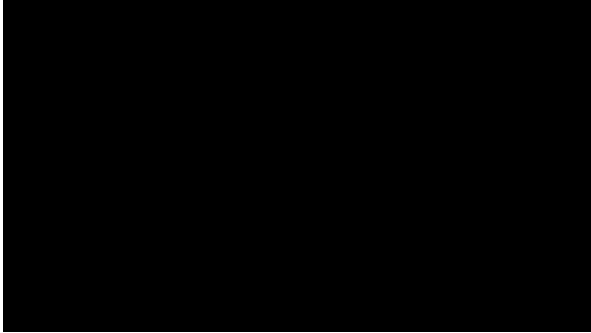
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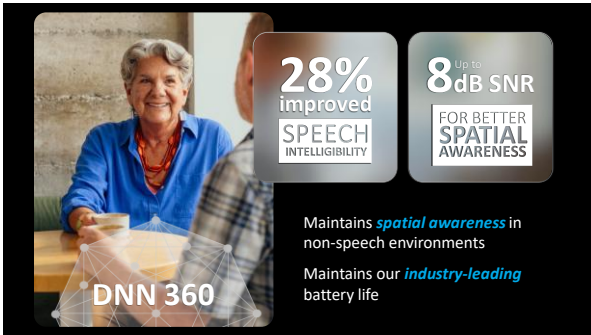
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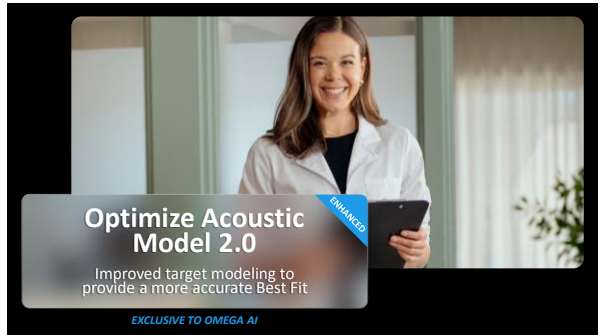
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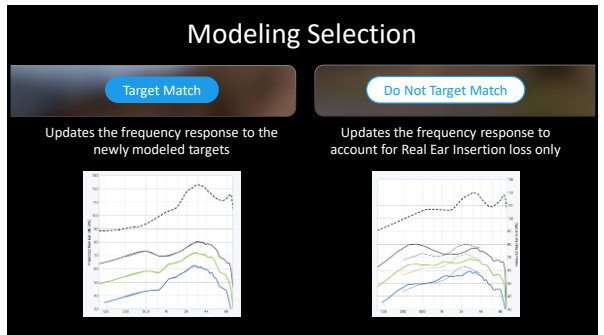
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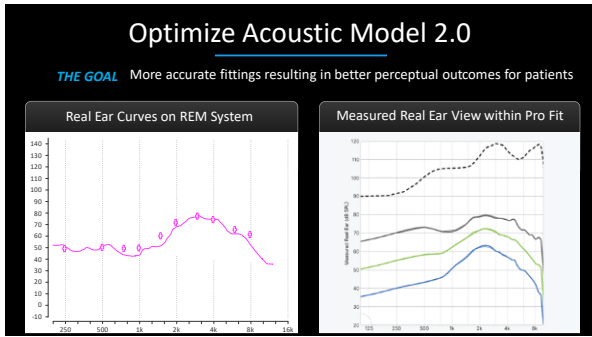
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Optimize Acoustic Model 2.0

Good to Know

Highly dependent on the results of the Feedback Canceller Initialization- if not measured in the ear, the prediction will be inaccurate

REM Target Match measurements override prediction

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REM Target Match

Providing your patients with a personalized, accurate and exceptional fitting

ENHANCED

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REM Target Match Manual Adjust

ENHANCED

Available after REM Target Match Aided Auto Adjust

The figure shows two screenshots of a software interface. The left screenshot shows a graph with a green curve and a table of data below it. The right screenshot shows a similar graph and table, but with a yellow box highlighting a 'Start' button. Below the screenshots, there are instructions: 'Select "Skip" if manual adjustments are not needed' and 'Select "Undo All Manual Adjustments" to "Select "Start" to re-run clear any manual adjustments measurement curves'.

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REM Target Match

Data is preserved when the fitting formula is changed

ENHANCED

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Starkey Pro Fit

Faster fittings, greater satisfaction


Steven Le
Consumers Support Specialist and Trainer - ANZ

Starkey

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eSTAT 2.0

Proprietary Fitting Formula



Developed with the additive compressor architecture to provide more gain for soft speech and better audibility at higher frequencies

~4-6 dB more gain for soft sounds*
10% higher speech intelligibility scores for soft speech vs. previous technology

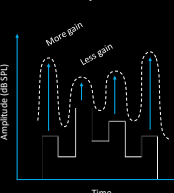
More gain at higher frequencies** (> 3kHz)
Improved vent modeling

*Varies with the audiogram and acoustic stimuli
**Varies with audiogram and with frequency

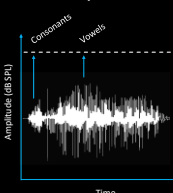
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Additive Compressor

Slow Compressor




Fast Compressor



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Sound Manager




Louder, more challenging listening environment

Quieter, easier listening environment

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Consonant Brightness

Controls the fast compressor component of the Additive Compressor system to make certain parts of speech more audible



Strength settings available on the 24 technology tier
ON/OFF control for lower technology tiers: 20, 16 & 12

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Sound Manager Sound Enhancement

Binaural Speech in Loud Noise

Uses the Near Field Magnetic Induction (NFI) radio to have a true ear-to-ear streaming comparison in loud environments

Speech in Noise


Adapts on a channel-by-channel basis to ensure that noise is reduced, while maintaining the signals of interest

Quiet


Adapts to low-level noises

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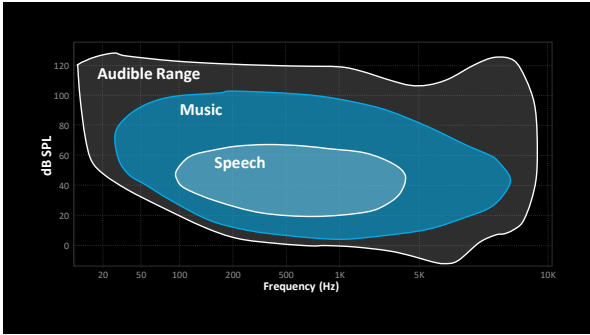
Speech in Noise



System Settings with Premium Technology



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Music Proprietary Fitting Formula

Designed to complement the Omega AI compression architecture

- Unique music-centric fitting prescription
- Shaped gain according to hearing loss for quiet music
- Flat, linear insertion gain for loud music

*Varies with the audiogram and acoustic stimuli
**Varies with audiogram and with frequency

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Dedicated Music Program


A Program environment that can be selected

A package of functionality including:
 A fitting rationale optimized for music
 Compression optimized for music
 Controls in Pro Fit optimized for music adjustment

63

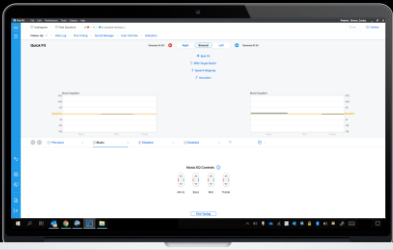
Music Program Fitting Rationale Goals

- Focused on music audibility, desired loudness, and sound quality
- Make soft music audible while achieving transparency
- Restoring desired loudness at high input levels



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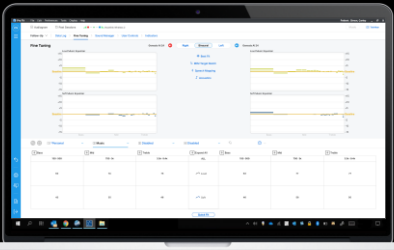
Dedicated Music Program



The screenshot shows a software interface with various sliders and graphs for audio processing, including a frequency response curve.

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Dedicated Music Program



This screenshot shows a different view of the software interface, featuring a table with columns for 'Gain', 'Loudness', and 'Frequency'.

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Best-in-class Streaming Sound Experience

Streaming configuration for all streamed inputs

Customize the streaming frequency response through Pro Fit or the My Starkey App

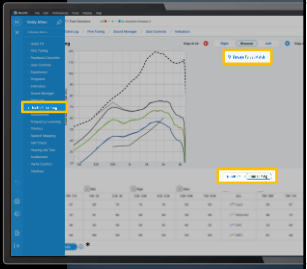
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Audio Streaming Configuration

Accessed via:
Fly Out Menu
Accessories Screen

Quick Fit and Fine Tuning Controls


Stream Target Match
Target matches audio streaming configuration



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Demo Stream

Stream from a paired mobile phone or paired TV Streamer while connected to Pro Fit and customize the streaming frequency response while actively streaming



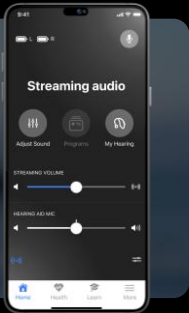
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My Starkey Streaming

Automatically switches to a streaming response when streaming

Adjust streaming volume independently of the hearing aid volume

Allows access to Adjust Sound and My Hearing

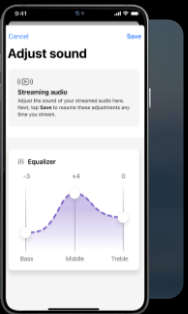


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Adjust sound Streaming

Automatically switches to a streaming response when streaming


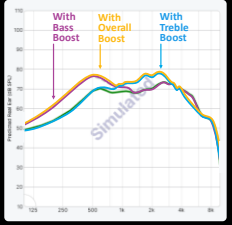
Allows access to Adjust Sound, My Hearing, and hearing aid volume



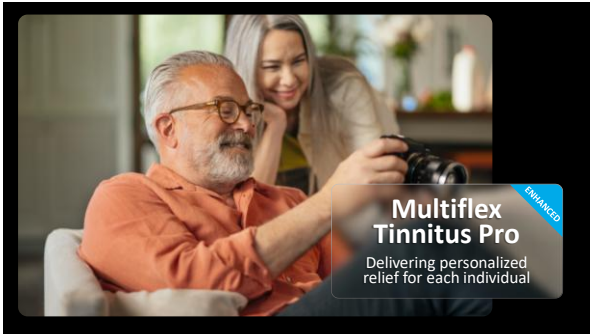
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Adjust sound Streaming

Allows access to Adjust Sound, My Hearing, and hearing aid volume

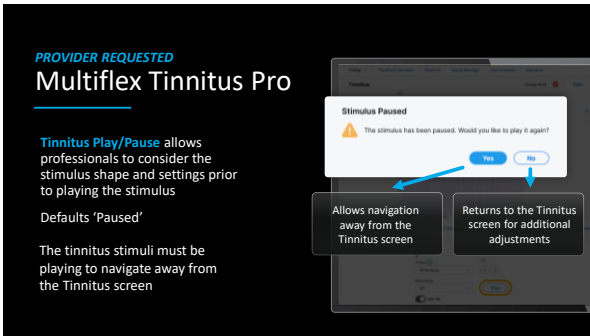
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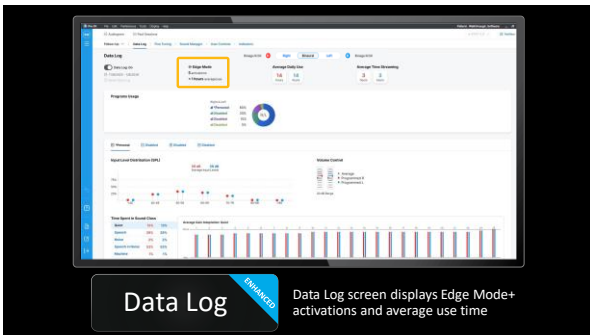
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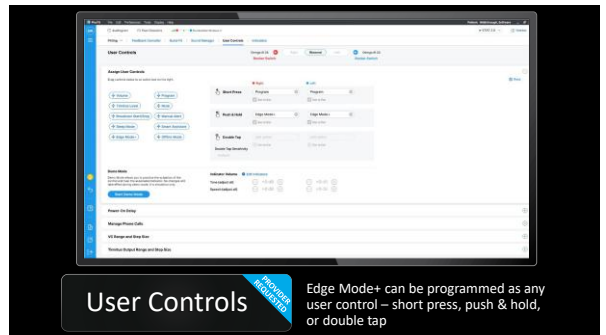
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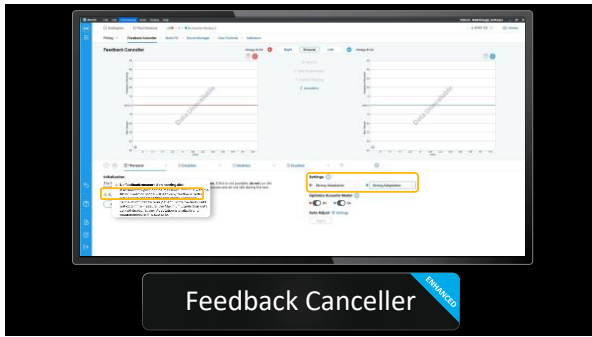
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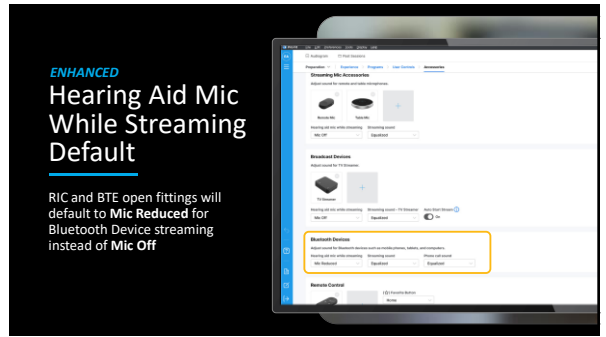
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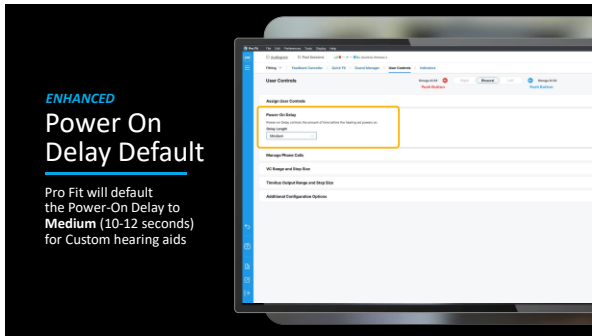
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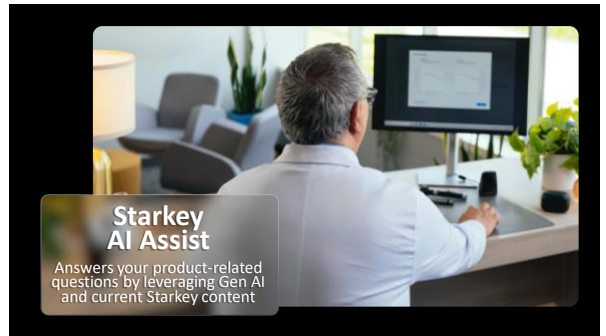
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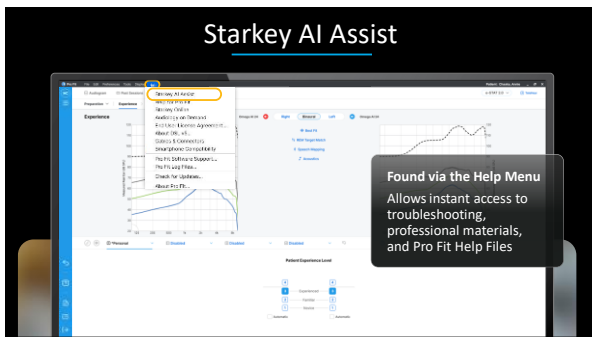
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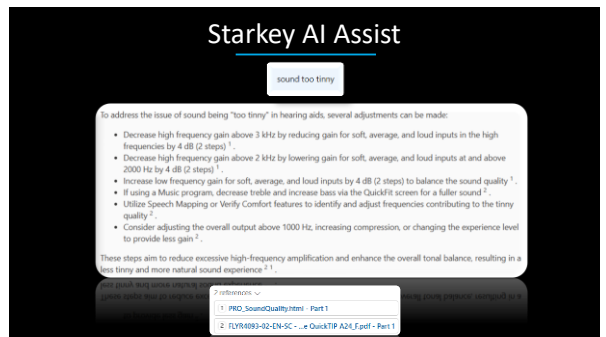
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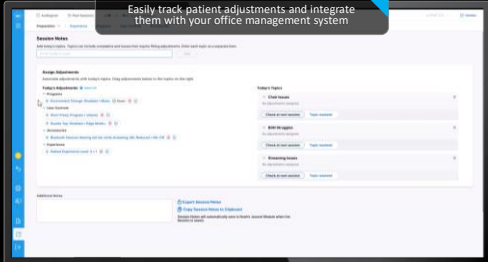
Session Notes

Automatically track Pro Fit adjustments

Quickly assign adjustments to patient complaints

Upload into electronic medical records

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Session Notes

Easily track patient adjustments and integrate them with your office management system

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OMEGA^{AI}

Better hearing all around



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Resources

Feature Summary

Edge Mode+

Enhancing Directivity with Deep Neural Networks

White Papers

Enhancing Directivity with Deep Neural Networks

Boosting Accuracy with Starkey's Accoustic Model Discrimination (ADM) technology

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Endorsed Webinars




Introducing Omega AI: Better Hearing All Around
Recorded Launch Webinar


Enhancing Patient Care Through Innovation: Exploring the Latest Features in The My Starkey App
Tuesday 31 March 2026
1:00pm – 2:00pm
Sydney/Melbourne

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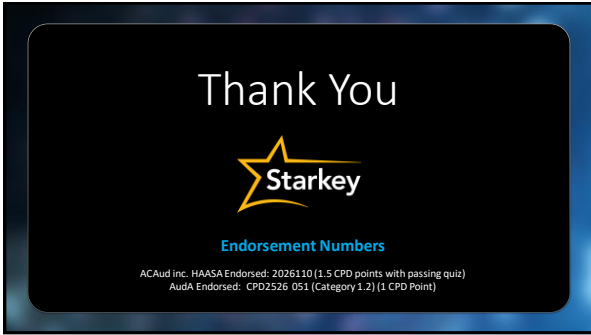
How did we do?

We'd love to hear your feedback on today's training





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