Pro Fit Software Enhancements with Omega AI+: Powering Performance

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Key Takeaways

Key Takeaway	Course Details
Always-on Edge Mode	Removes the need to manually activate Edge Mode. Defaults off, operates in Program 1 if enabled, and requires Automatic Edge Mode to be on. Exclusive to Omega AI+ 24.
Automatic Edge Mode expanded	Now includes non-wireless styles in the 24-technology tier. Found on the User Controls screen and defaults on.
REM Target Match enhancements	Data is saved to the Pro Fit session, previous aided measurements can be reviewed and adjusted, and a new Target Match button is available.
DNN 360	Active whenever Adaptive Directionality is selected, across all directional 2.4 GHz wireless standard and custom styles. Exclusive to Omega AI+ 24.
DNN Dual Compressor	Defaults on and is recommended for optimal sound quality. The setting can be adjusted to make consonants more or less pronounced.
CROS Transmitter in Noah	Visible in the Noah session, with the receiver labeled Rx and the transmitter labeled Tx, for CROS fittings with 2026.1 and forward.
Session Notes hearing aid information	New toggle includes hearing aid information when the session is saved to Noah or exported or copied. Defaults on.

Course Content

Learner Outcomes

- Describe two updates to the Edge Mode on-demand adaptive tuning feature designed to delight patients and professionals
- Identify at least two enhancements to the integrated REM Target Match feature for enhanced professional flexibility
- Explain at least two additional new Pro Fit software features designed to support successful hearing aid fittings

Omega AI+ and Pro Fit Overview

- Omega AI+ is presented as one product family with everything needed: IIC NW, CIC NW, CIC R NW, CIC, ITC R, ITE R, mRIC R, RIC312 and RIC RT.
- DNN performance is shown improving over time compared with traditional algorithms.
- The G4 Gen AI Neuro Processor is new.
- Pro Fit is positioned to help clinicians get the best fit on the first fit.

DNN Dual Compression System

- The system pairs an always-on slow compressor with a dynamic fast compressor, designed to support superior sound quality for consonants and vowels.
- DNN Dual Compressor is an industry first. It defaults on and is recommended for optimal sound quality.
- Increase or decrease the setting to make consonant sounds more or less pronounced, respectively.
- Exclusive to Omega AI+ 2.4 GHz wireless hearing aids. All Omega AI+ non-wireless hearing aids use Dual Compressor, found on the Sound Manager screen.

DNN 360

- DNN 360 captures sounds from all directions equally for a natural, balanced listening experience. It is exclusive to Omega AI+ 24.
- DNN Spatial Awareness: omnidirectional in low frequencies and fixed directional in high frequencies to maintain speech audibility.
- DNN Directionality: independent adaptive null steering.
- Motion Based Optimization: low frequency is omnidirectional with additional gain for general environmental awareness, and high frequency is fixed directional for improved SNR for speech.

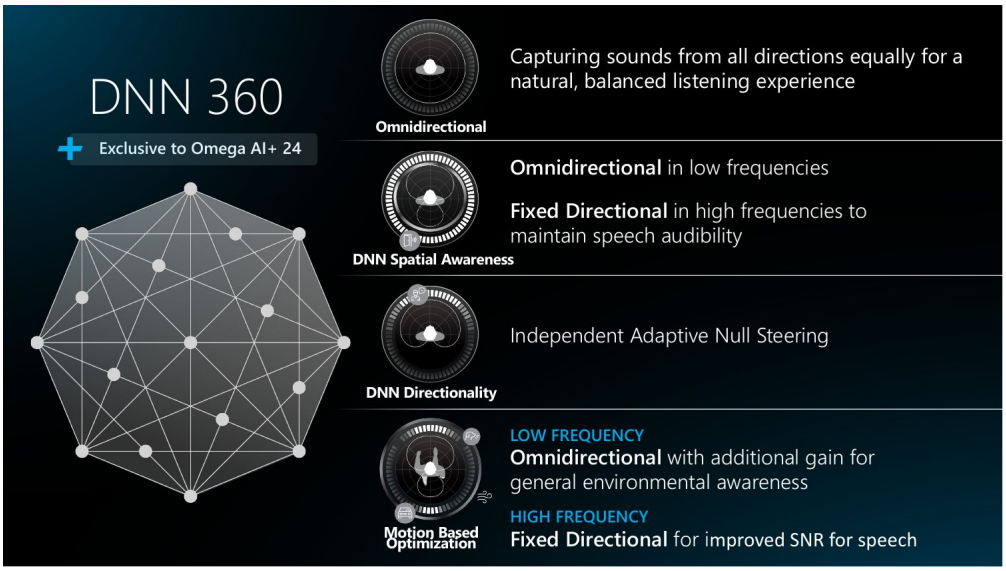


Figure 1. DNN 360 components: Omnidirectional, Spatial Awareness, Directionality and Motion Based Optimization.

- DNN 360 significantly decreases listening effort compared to legacy directionality.

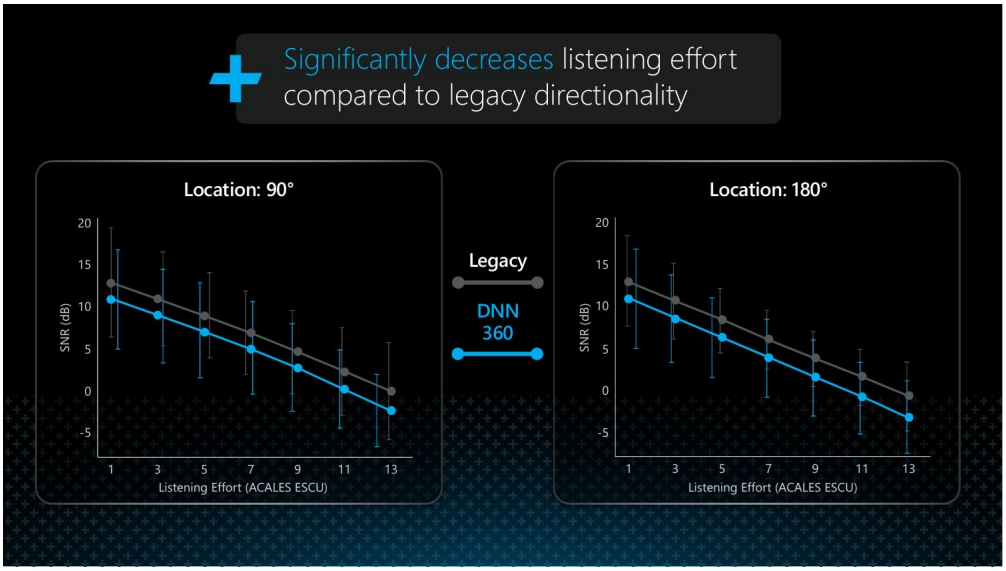


Figure 2. SNR versus listening effort at 90 and 180 degrees for Legacy directionality and DNN 360.

- DNN 360 applies to all directional 2.4 GHz wireless standard and custom styles and is active whenever Adaptive Directionality is selected.

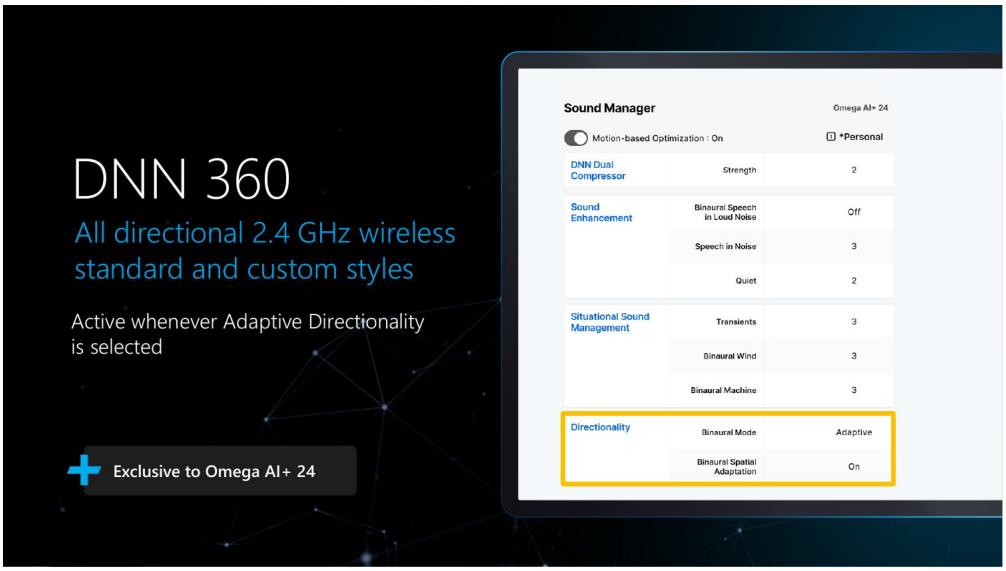


Figure 3. Sound Manager screen with Directionality highlighted for DNN 360.

Q5 **Quiz Hint:** DNN 360 is active whenever Adaptive Directionality is selected, including in custom styles.

Feedback Management System

- The new Feedback Management System assesses fitting-specific information to balance feedback protection and gain behavior, helping deliver greater fitting stability and improved sound quality. It is exclusive to Omega AI+.
- Fitting-specific information: acoustic vent, audiogram and gain, initialization, and hearing aid features and settings.
- Personalized optimization: feedback cancellation, intelligent control and sound optimization.
- Coordinated feedback management: auto adjustments, gain, mid-frequency management and FBC settings.
- Mitigating risk: 2.2x lower feedback occurrence at initial fit, with legacy and Omega AI+ compared by ease of resolving feedback.

REM Target Match

These enhancements help clinicians quickly and easily verify hearing aid frequency response to the selected fitting formula.

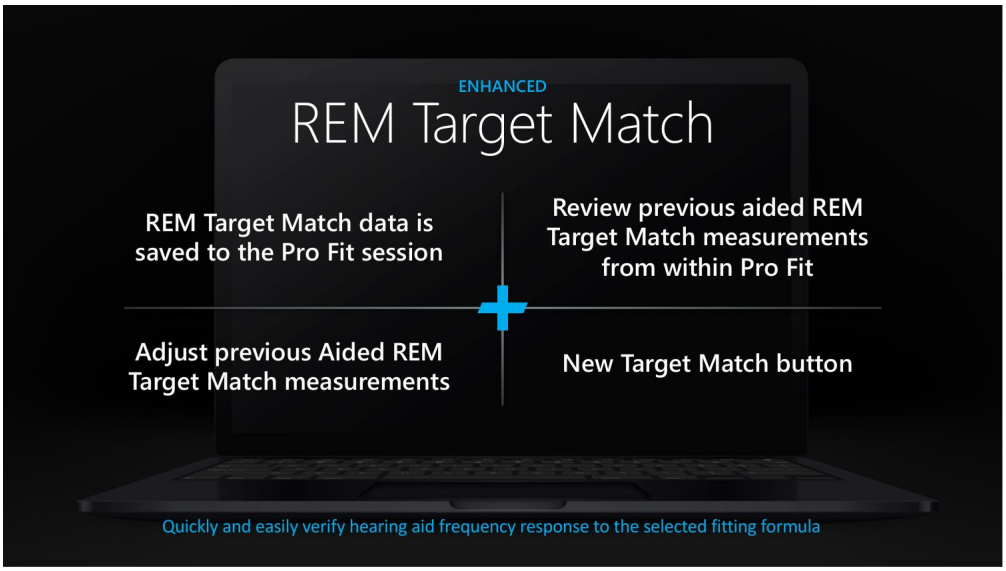


Figure 4. The four REM Target Match enhancements.

Saved with Session

- REM Target Match data is saved to the Pro Fit session.
- Find it by clicking REM Target Match from any applicable screen in Pro Fit. The date of the most recent measurements is listed between the graphs.

Review Previous Measurements

- Review previous aided REM Target Match measurements from within Pro Fit, with or without hearing aids connected, when a previous session is opened.

Adjust Previous Measurements

- Manual adjustments to previous aided responses can now be made by using the Adjust button.
- Use the Start button to run new measurements to verify the adjustments made.

Target Match Button

- Used to reset soft, average and loud frequency responses back to target and to quickly undo fine tuning adjustments.

Q2 **Quiz Hint:** The REM Target Match enhancements are: results saved to the Pro Fit session, review of previous aided measurements, adjustment of previous aided measurements, and a new Target Match button.

Real Ear System Compatibility

Manufacturer	Systems
Audioscan	Verifit 1 and 2
Otometrics	Aurical FreeFit
MedRx	Avant REM Speech+
Inventis	Maestro, Trumpet
Interacoustics	Affinity Compact

Edge Mode

- Automatic Edge Mode for non-wireless customs automatically rescans as the environment changes.
- Always-on Edge Mode provides powerful, real-time optimization of speech audibility and noise management.
- Edge Mode Reduce Noise enables even more comfort in noise.

Automatic Edge Mode

- Expanded to include non-wireless styles in the 24-technology tier.
- Continuously samples the acoustic environment and adjusts feature settings in real time as listening conditions change.
- Found on the User Controls screen. Defaults on.

Always-on Edge Mode

- Removes the need to manually activate Edge Mode for listeners who want the feature on all the time.
- Defaults off. Operates in Program 1 if enabled. Requires Automatic Edge Mode to be on. Exclusive to Omega AI+ 24.

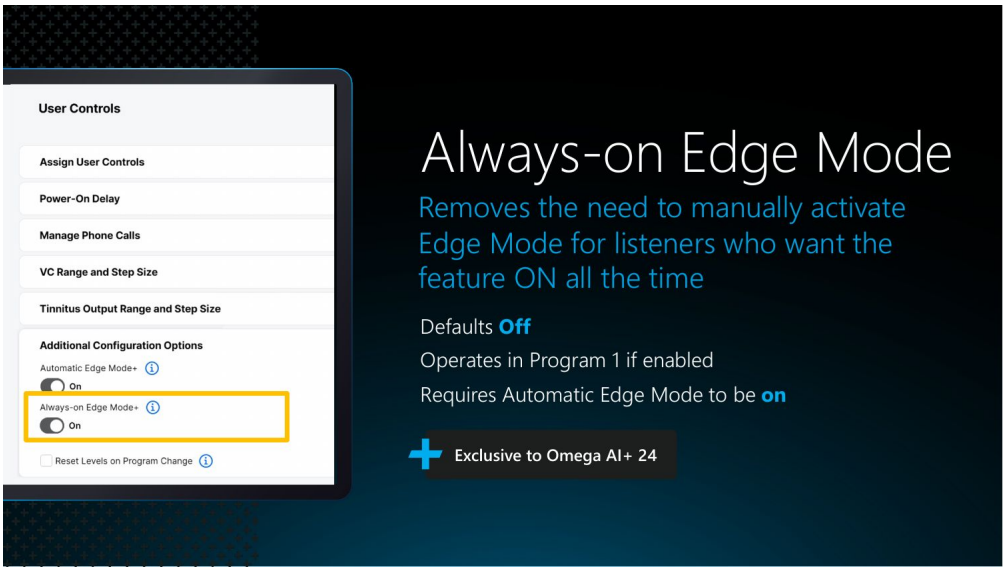


Figure 5. Always-on Edge Mode setting on the User Controls screen.

Good to Know

- Moving to a different Program or streaming will turn Edge Mode off.
- Navigating back to Program 1 will reinitiate Always-on Edge Mode with the optimized setting.
- Edge Mode Stop/Start is still available with the hearing aid user controls, My Starkey, or StarLink Remote 2.0.
- User intent options for Reduce Noise or Enhance Speech remain available through the My Starkey app.

Enabled Icon

- A new icon appears adjacent to Program 1 when Always-on Edge Mode is enabled.

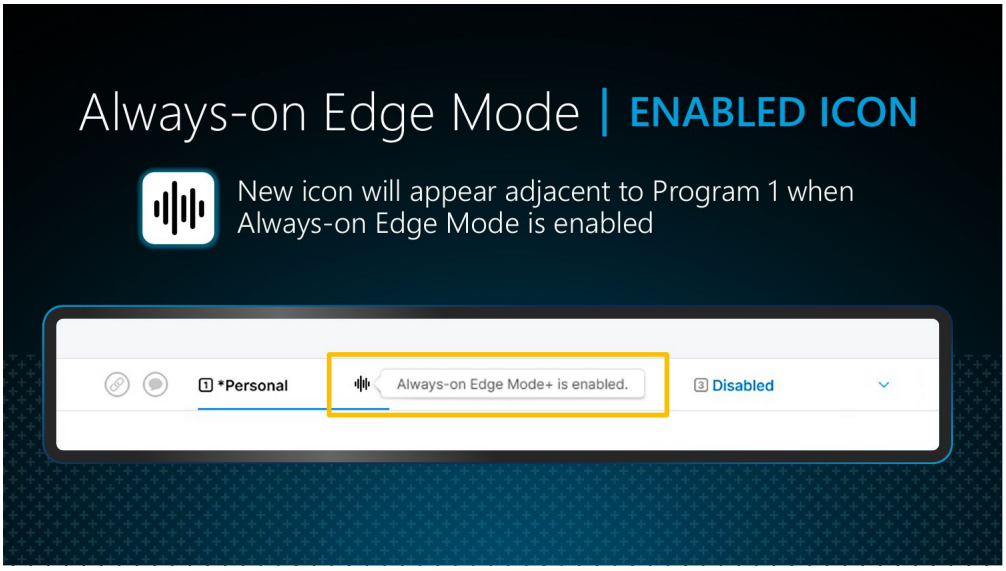


Figure 6. Enabled icon for Always-on Edge Mode shown adjacent to Program 1.

Q1 **Quiz Hint:** In Pro Fit, a new icon appears adjacent to Program 1 when Always-on Edge Mode is enabled.

Fitting Tips

- User Controls screen: enable Always-on Edge Mode for users who report success with Automatic Edge Mode and request for it to be on all the time. Use the Edge Mode user control or mobile app to turn Edge Mode off or on as needed.
- Data Log screen: Always-on Edge Mode automatically adapts to the listening environment in Program 1 without manual activation. Remind the user that they may turn Edge Mode on or off at any time with the user control, if assigned, or the mobile app.

Additional Enhancements

Firmware Update

- Hearing aids may remain in the patient's ears when doing a firmware update.
- Hearing aid microphones remain active.

CROS Transmitter

- The CROS transmitter will now be visible in the Noah session, with the receiver labeled Rx and the transmitter labeled Tx.
- Applicable for CROS fittings with 2026.1 and forward.

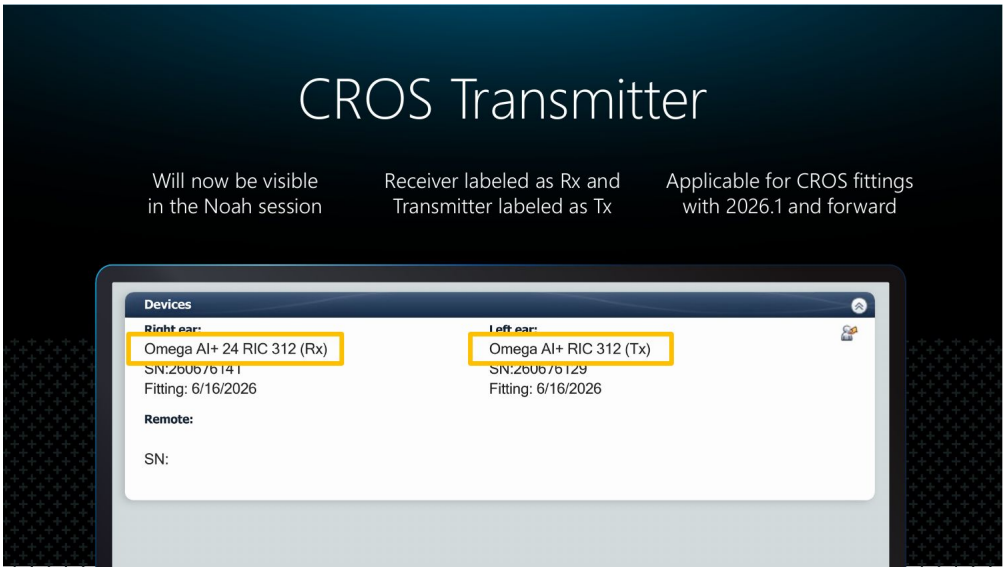


Figure 7. CROS Transmitter and receiver labeled Tx and Rx in the Noah session.

Q4 **Quiz Hint:** For CROS fittings with 2026.1 and forward, the CROS transmitter is visible in the Noah session. The receiver is labeled Rx and the transmitter is labeled Tx.

Session Notes: Hearing Aid Information

- New toggle to include hearing aid information when the session is saved to Noah or when exported or copied.
- Hovering on Include Hearing Aid Information will display what is included. Defaults on.

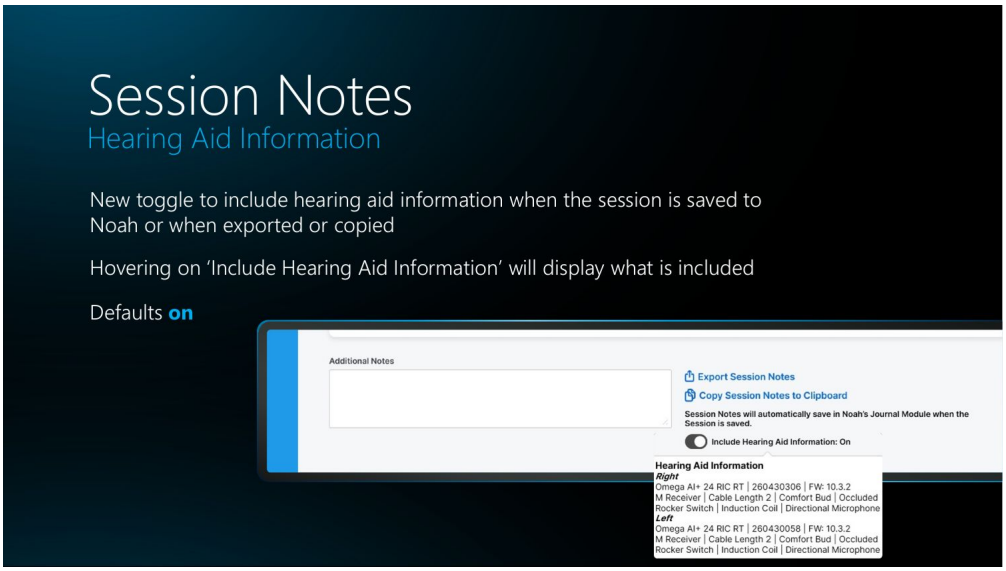


Figure 8. Session Notes toggle to include hearing aid information.

Q3 **Quiz Hint:** Session Notes has a new toggle to include hearing aid information when the session is saved to Noah or when it is exported or copied. It defaults on.

SCIF Compliance Letter

- Hearing aid information will now automatically populate.

Omega AI+ Summary and Resources

- Everything you want: quad DNN-powered sound, intelligent feedback management, seamless connectivity with Auracast, intelligent health and wellness, intuitive charging and up to 51 hours of battery life, all with over a 99% on-time delivery rate.
- StarkeyPro.com offers white papers, quick tips, videos and learning opportunities.

Conclusion

- Always-on Edge Mode and expanded Automatic Edge Mode extend Edge Mode to more listeners and styles.
- REM Target Match data can now be saved, reviewed and adjusted from within Pro Fit, with a Target Match button to reset responses to target.
- DNN 360, the Feedback Management System, CROS Transmitter labeling, Session Notes and the SCIF Compliance Letter support successful hearing aid fittings.

Interactive Worksheet

Pro Fit Software Enhancements with Omega AI+: Powering Performance Presenter: Andrea Hannan-Dawkes, AuD, FAAA | Profession: Audiology	**Date:**

Learning Objectives

1. Describe two updates to the Edge Mode on-demand adaptive tuning feature designed to delight patients and professionals
2. Identify at least two enhancements to the integrated REM Target Match feature for enhanced professional flexibility
3. Explain at least two additional new Pro Fit software features designed to support successful hearing aid fittings

Click any box to type your response. Checkboxes are best completed in desktop Word.

Module 1: Edge Mode

Key Terms

Key Term	Definition in My Own Words
Automatic Edge Mode	
Always-on Edge Mode	
Edge Mode Reduce Noise	
Edge Mode Stop/Start	

Quick Check

Select True or False for each statement.

Always-on Edge Mode defaults on.

☐ True ☐ False

Moving to a different Program or streaming will turn Edge Mode off.

☐ True ☐ False

Where does a new icon appear when Always-on Edge Mode is enabled?

☐ A. Adjacent to Program 1

☐ B. On the Fitting Summary only

☐ C. In the Data Log screen only

Pause and Apply

If a patient reports success with Automatic Edge Mode and asks for it to be on all the time, then I will:

Module 2: REM Target Match and Additional Enhancements

Matching

Write the letter of the matching description in the box next to each term.

Letter	Term	Definition or Description
	1. Automatic Edge Mode (non-wireless customs)	A. Active whenever Adaptive Directionality is selected
	2. Always-on Edge Mode	B. Used to reset soft, average and loud frequency responses back to target
	3. Target Match button	C. Operates in Program 1 if enabled and requires Automatic Edge Mode to be on
	4. Adjust button	D. Allows manual adjustments to previous aided responses
	5. DNN 360	E. Continuously samples the acoustic environment and adjusts feature settings in real time

Window Pane Summary

Summarize each Additional Enhancement in your own words.

Firmware Update	**CROS Transmitter**
What it does and when it applies:	*What it does and when it applies:*
Session Notes: Hearing Aid Information	**SCIF Compliance Letter**
What it does and when it applies:	*What it does and when it applies:*

List the four REM Target Match enhancements:

Pause and Apply

If I open a previous session that includes REM Target Match data, then I will:

Post-Course Reflection

What was the most significant thing you learned today that surprised you or challenged your existing practice?

What knowledge gaps did this course reveal in your own skills or knowledge?

Describe a specific patient from your own practice where you would apply something from this course:

What is one thing you will do differently in your practice next week as a result of this course?

Action Plan

Identify at least 2 specific, measurable changes you plan to make to your clinical practice as a direct result of this course. Use the If-Then format where possible: If I encounter [situation X], then I will [action Y].

My Action Plan Goal	Target Date	How I Will Measure Success

Notes

Quiz Summary

The following quiz hints appeared throughout the course content. Use this section as a quick study reference.

Q1	**Quiz Hint:** In Pro Fit, a new icon appears adjacent to Program 1 when Always-on Edge Mode is enabled.
Q2	**Quiz Hint:** The REM Target Match enhancements are: results saved to the Pro Fit session, review of previous aided measurements, adjustment of previous aided measurements, and a new Target Match button.
Q3	**Quiz Hint:** Session Notes has a new toggle to include hearing aid information when the session is saved to Noah or when it is exported or copied. It defaults on.
Q4	**Quiz Hint:** For CROS fittings with 2026.1 and forward, the CROS transmitter is visible in the Noah session. The receiver is labeled Rx and the transmitter is labeled Tx.
Q5	**Quiz Hint:** DNN 360 is active whenever Adaptive Directionality is selected, including in custom styles.

Additional Information

Presenter Bio

Dr. Andrea Hannan Dawkes joined Starkey in 2010 as a member of the Education and Training team. In her current role as a senior member of the group, she assists in the development of educational materials, leads training classes, and serves as the liaison for Starkey's university and student initiatives. Prior to joining Starkey, Dr. Hannan Dawkes worked as a clinical audiologist in a variety of prominent medical centers, served as an audiology clinical supervisor and adjunct faculty member at Hofstra University, and contributed to research efforts involving signal detection, hearing aid performance, and signal processing. She earned her Master of Arts degree in Audiology from the University of Maryland at College Park and her Doctor of Audiology degree from the Arizona School of Health Sciences.

Presenter Disclosure

Financial: Andrea Hannan-Dawkes is employed by Starkey Hearing. Non-financial: Andrea Hannan-Dawkes has no relevant non-financial relationships to disclose.

Additional Information (continued)

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