

What's New **Rexton BiCore &** **Connexx 9.8.5**

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Product Updates

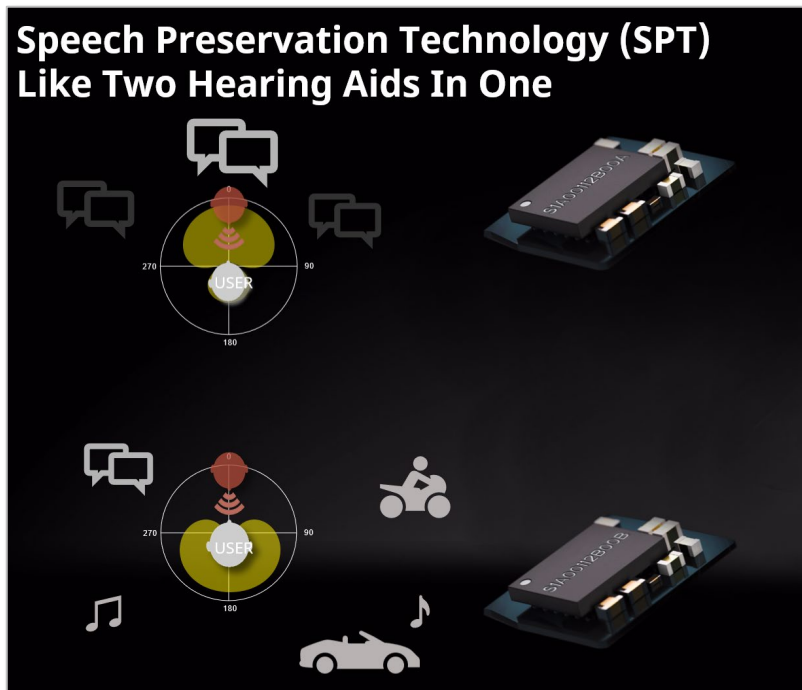


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Speech Preservation Technology (SPT)

- Provides an uncompromising listening experience in virtually all environments
- Using Multi-Track signal processing, it can enhance speech no matter the direction of origin, automatically
- Each of the two processors in the hearing aids can process signals faster, with more accurate input from the environment for better sound processing

Speech Preservation Technology (SPT) Like Two Hearing Aids In One



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Soundpro 2.0

- Soundpro 2.0 uses faster processing speed and more acoustic cues for a more detailed acoustic environment classification
- This allows the wearer for easier transition from one acoustic environment to another without compromises
- The dispenser can adjust Soundpro 2.0 to better customize the hearing aid response to the specific needs and preferences of the wearer



Acoustic Classifier



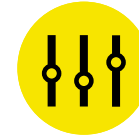
Motion Sensor



SNR



My Voice 2.0



Ambient Modulation

AutoEcho Reducer Powered By SPT

- Analyzes room acoustics and automatically detects and reduces sound reflections:
 - Incorporate the fingerprint of the room acoustics
 - Intelligently detect and automatically activate
 - Dynamically adjust amplification to address the effects of reverberation separately from the overall management of noise

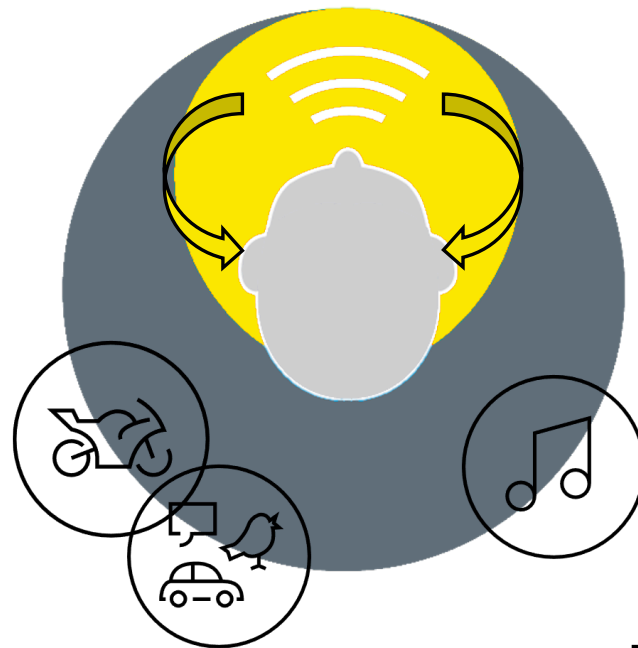


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My Voice 2.0 Powered by SPT

- Hearing aids are trained to recognize the wearer's voice
- Automatically detects and reduces the loudness of the members own voice when they are speaking
- Our new and improved my voice 2.0 now utilizes SPT and Multi-Track processing in detection and separation of wearers own voice and environmental sounds
- Delivers a more natural and comfortable experience with their own voice without compromising hearing of other sounds around them

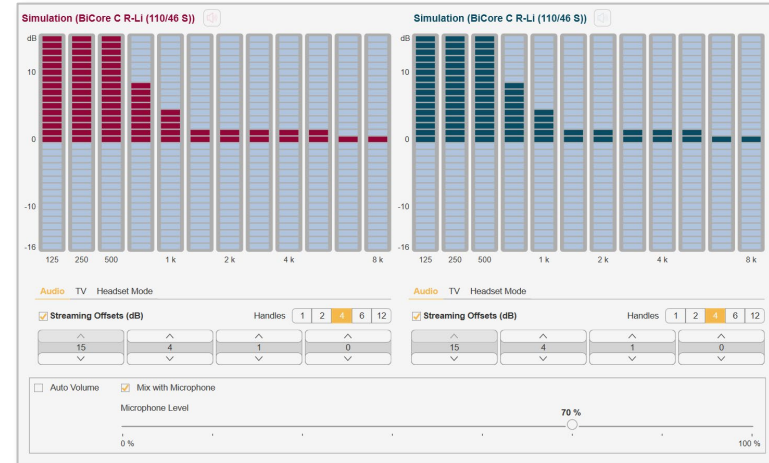
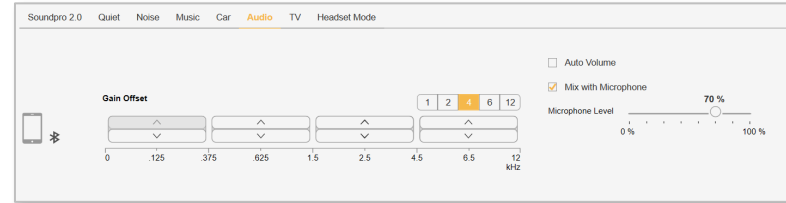
My Voice 2.0



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Streaming Sound Quality Programming

- BiCore allows for independent programming of streaming signals:
 - Phone calls
 - Audio from phone or other Bluetooth devices
 - TV via Smart Transmitter 2.4
- Changes can be made in Soundpro 2.0 screen or in dedicated Audio Streaming tab



BiCore Handsfree (iOS) with Headset Mode Powered By SPT

- Hearing aids' microphones are used to transmit the wearer's voice during phone calls
- Combining SPT with Multi-Track technology ensures that the hearing aid wearer's voice is isolated for transmission to the phone without extra environmental noise

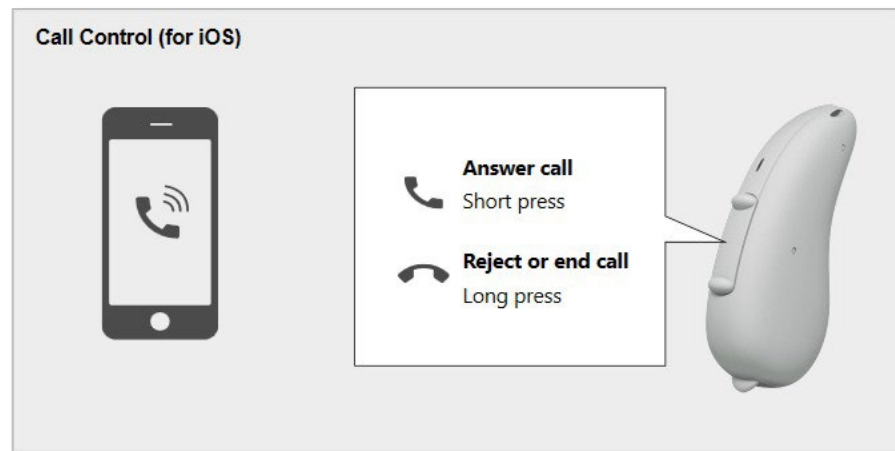


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CallControl

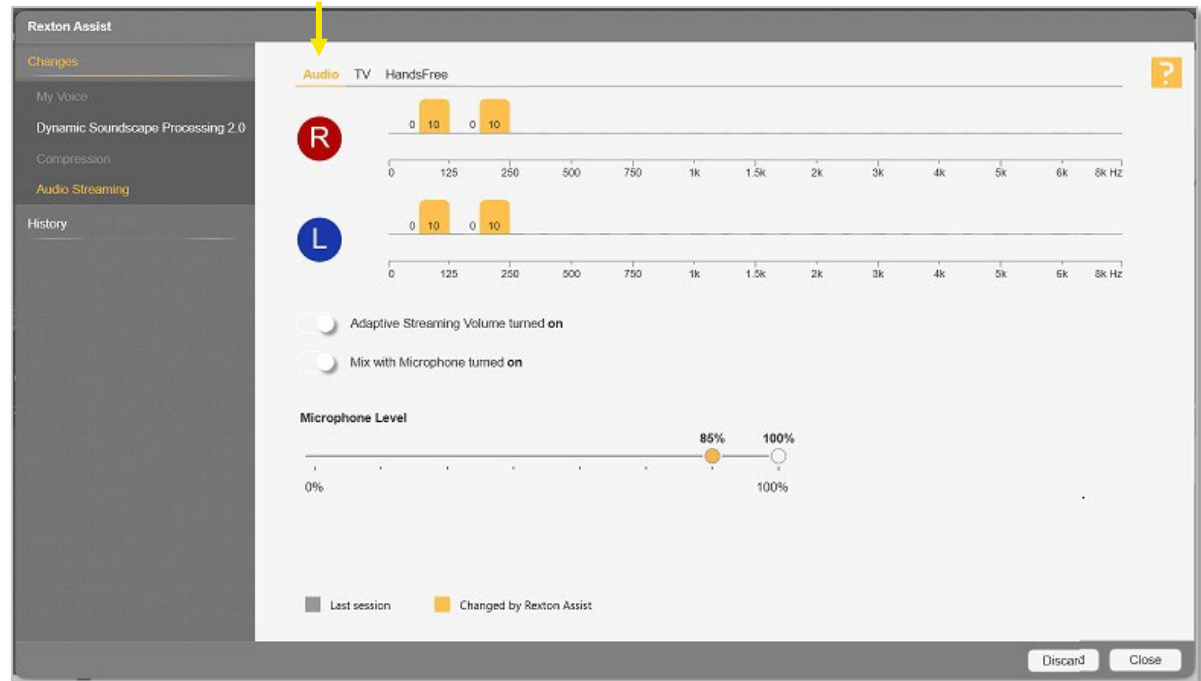
Available for iPhone 11 and higher with iOS 15.2 and higher

- CallControl can be used to control phone calls
- This allows the wearer to be truly handsfree as they do not need to have the phone in their hands to answer to talk
 - Rocker switch: BiCore RIC - C R-Li and C R-Li T
 - Push button: BiCore Custom
- When a call comes in on an iPhone
 - Short press: Answer call
 - Long press: Reject call
 - Long press: End call
- This is automatically activated at First Fit and no programming is necessary
 - It may be disabled via Connexx



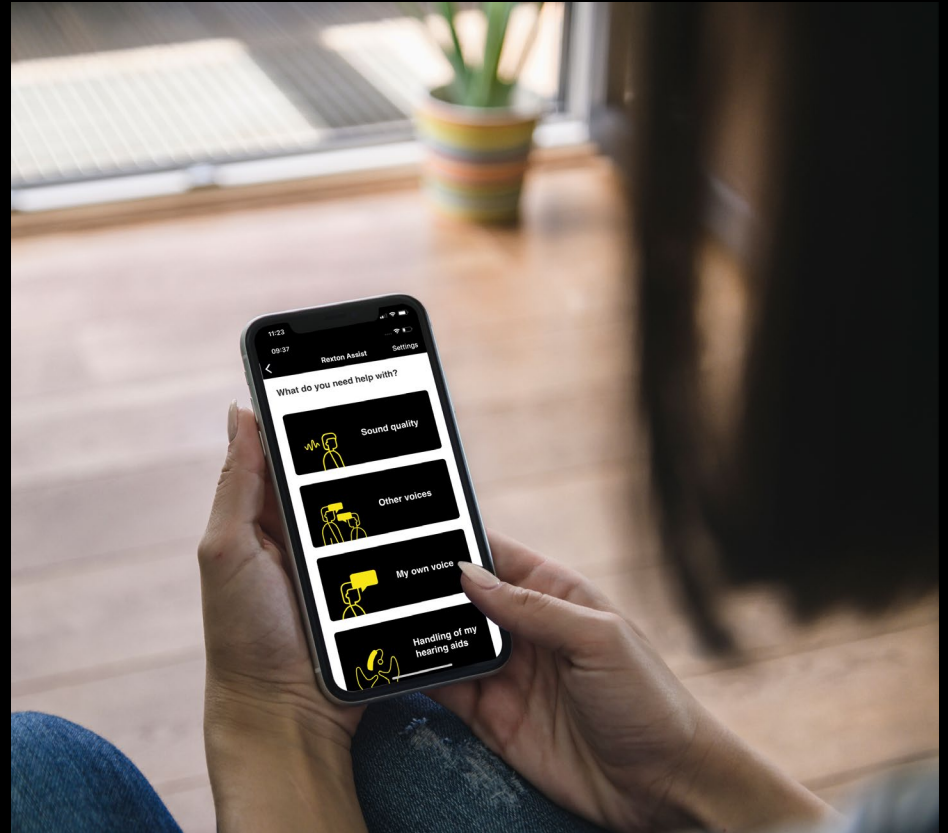
Rexton Assist Streaming Sound

- Rexton Assist details now displays changes performed by Rexton Assist regarding Streaming Sound
- View where the streaming changes were made by selecting the corresponding tab
 - Audio (streaming from phone)
 - TV (TV transmitter)
 - Hands-free (phone call audio)
- The following controls that could be changed when using Rexton Assist:
 - Streaming Equalizer
 - Adaptive Streaming Volume
 - Mix with microphone
 - Microphone level



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Remote Services Updates





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Rexton Assist Changes In Telecare Portal

- Changes made by the member in Rexton Assist may be also tracked in the Telecare Portal

The screenshot shows the Rexton Assist Telecare Portal interface for a user named JANE DOE. The interface includes a navigation bar with tabs for Overview, Lesson Ratings, Messages, Remote Tuning, and Patient Settings. Below the navigation bar, there is a section for Daily Evaluation with buttons for Wearing Time, Satisfaction, and Assistant History. The Assistant History section shows a history of changes performed by the Assistant, with a total number of changes of 3. The changes are categorized by My Voice (0), BiCore processing (0), and Compression (3). A table below lists the changes with columns for Date, Problem, Description, and Changed Setting.

Home

JANE DOE  

L: BiCore C R-Li R: BiCore C R-Li ✔ Rexton App Connected

Overview Lesson Ratings Messages Remote Tuning Patient Settings

Daily Evaluation

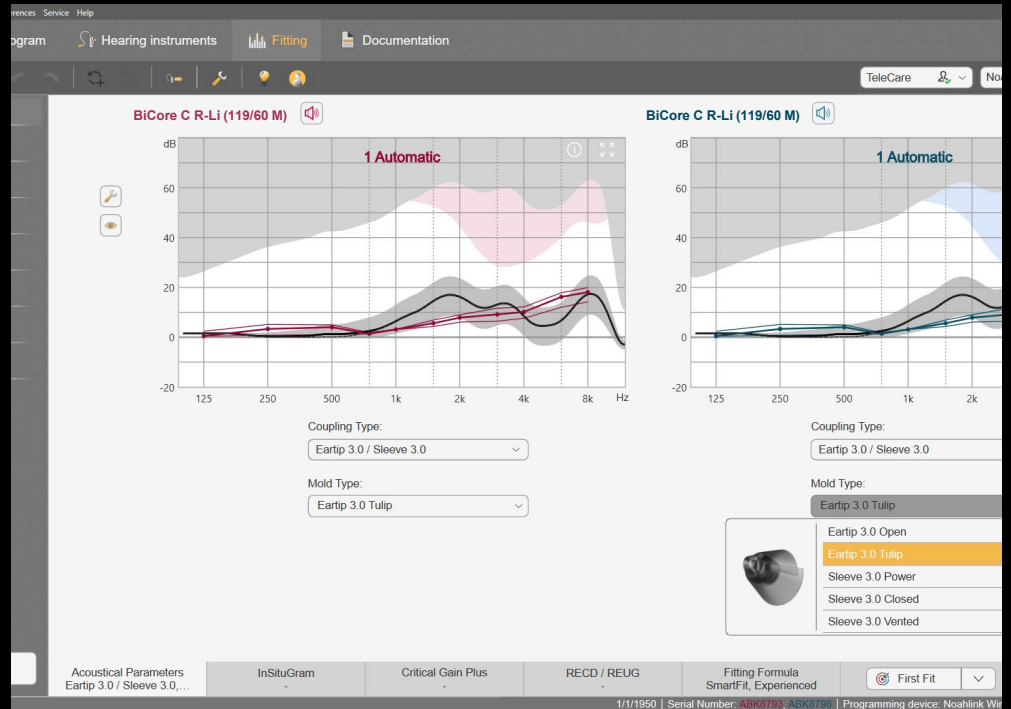
Wearing Time Satisfaction **Assistant History**

History of changes performed by Assistant
Total number of changes : 3

My Voice : 0 BiCore processing : 0 Compression : 3

Date ▾	Problem ⚡	Description ⚡	Changed Setting ⚡
7/12/2022 3:27 PM	My voice	Unnatural	Level dependent gains
7/12/2022 3:19 PM	Loud or close voices	Incomprehensible	Level dependent gains
7/12/2022 3:12 PM	My voice	Unnatural	Level dependent gains

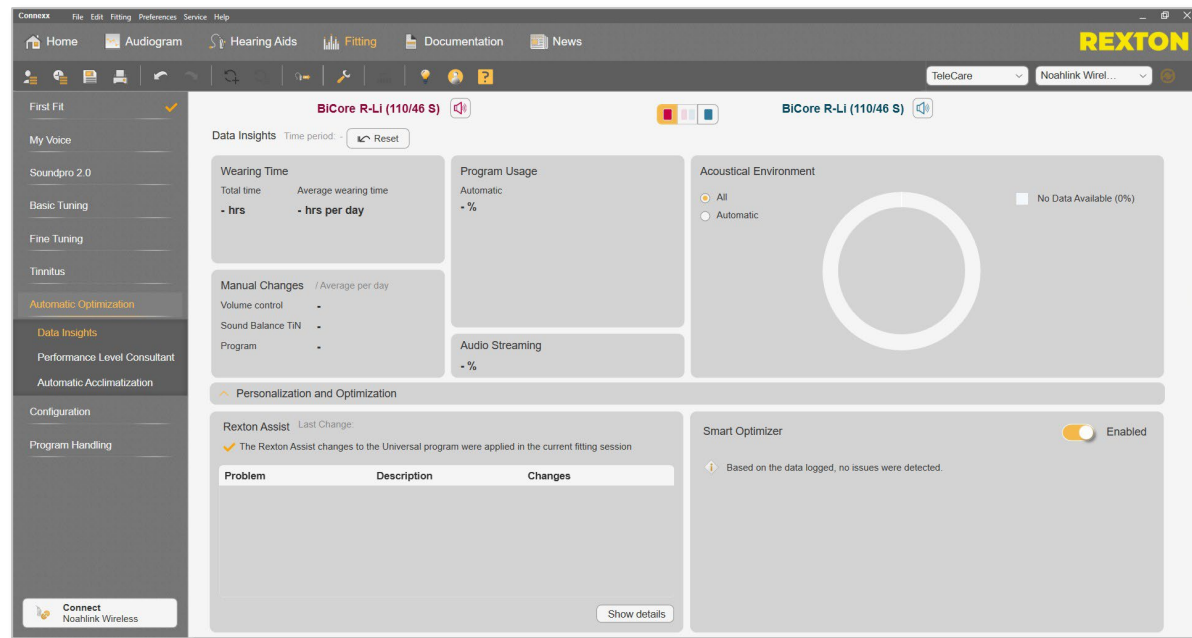
Software Updates



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Data Insights page (former DataLogging)



- Gives an overview of what happened to the wearers hearing aids since the last session
- Gives HCPs data-based hints where to take a closer look at
- Data comes from two sources:
 - Hearing aids (visual update)
 - Rexton Assist
 - Rexton Assist history is now always available and not limited to the initial detection.



Fitting Assistant Optimizations

- Fitting Assistant is now able to distinguish if a HA setting can be applied on one side only or if it needs to be programmed binaurally
- Changes that affect binaural controls can be applied binaurally only
- Side specific controls can be applied for either left or right or binaurally

9.6 appearance

Programs	Category >	Problem >	Specification >	Solution
1 Automatic	Environmental Sounds	Background speech noise (e.g. party, conferences)	are more audible than nearby sounds	Proposal 1: Decrease gain for soft sounds.
2 Noise / Party	Bandwidth Compression	Background noise (e.g. street, factory, air-conditioning, inside car)		<input type="button" value="Apply"/> 
	Feedback and Artefacts	Distant sounds		Proposal 2: Increase gain for loud sounds.
	Own Voice	High pitch sounds (e.g. dishes, running water) in general		<input type="button" value="Apply"/> 
	Sound Quality	Loud environments (e.g. party, street noise)		
	Speech	Low pitch background noise (e.g. street, factory, air-conditioning, inside car)		
		Low pitch sounds (e.g. engines)		
		Soft low pitch sounds (e.g. air conditioning, refrigerator)		
		Soft sounds (e.g. small mountain stream, leaves rustling)		
		Sudden, impulse sounds (e.g. clanging, cracking)		
		Wind noise		

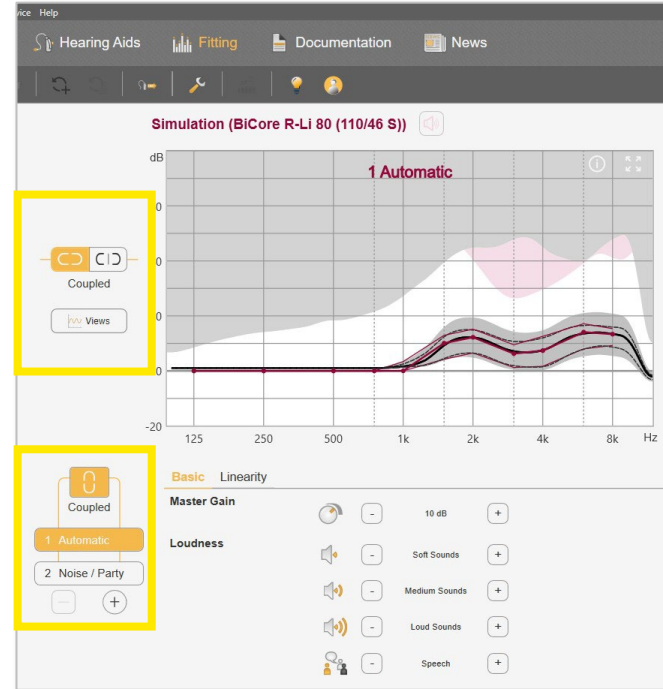
Changed to

9.8 appearance

Programs	Category >	Problem >	Specification >	Solution
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2 Noise / Party	Bandwidth Compression	Background noise (e.g. street, factory, air-conditioning, inside car)		<input checked="" type="button" value="Apply Right"/> <input type="button" value="Apply Binaural"/> <input type="button" value="Apply Left"/>
	Feedback and Artefacts	Distant sounds		Proposal 2: Increase gain for loud sounds.
	Own Voice	High pitch sounds (e.g. dishes, running water) in general		<input checked="" type="button" value="Apply Right"/> <input type="button" value="Apply Binaural"/> <input type="button" value="Apply Left"/>
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Redesigned Coupling Panel

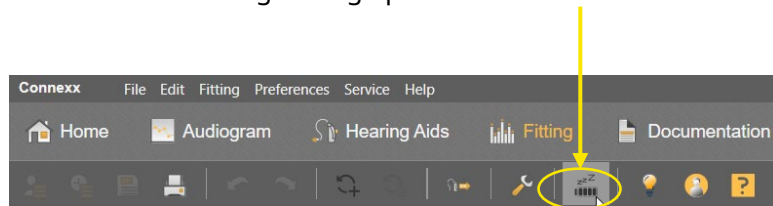
- The coupling panel still enables the user to enable/disable left/right side and program coupling as well as change the temporary view settings
- The icons and the views dialog have been updated as shown on the following slides



Long Storage Mode

- The Long storage mode prevents deep discharge of the LI-ion hearing aids during longer storage.
- Requirements to utilize long storage mode:
 - BiCore or newer hearing aids
 - Latest Firmware package installed (V 20.11.509.2)

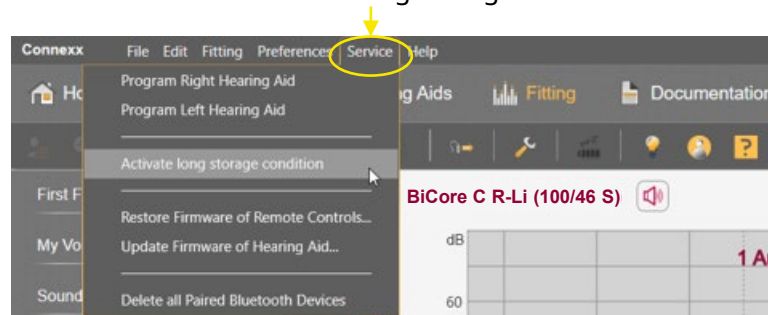
Activate Long Storage process via toolbar icon



- Results of activating Long Storage:
 - Hearing aids can be stored for extended periods without deep discharging
 - Hearing aids are in "deep sleep" mode and can not be used until reactivated.
 - To reactivate the hearing aids, insert and remove from the charger

OR

Service – Activate long storage condition



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