MyCore Technology

MyCore
8C Technology

A perfect combination of natural sound and direct audio streaming.

Adore Li

Adore MB

Adore PB

Adore iX

Rexton Adore™ Premium Hearing Solutions

Fall 2018

Discover the smart choice.

REXTON

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Fall 2018

MyCore. Made for Me!
A platform with a range of highly advanced features

Rexton's MyCore platform combines the best of two worlds: binaural direct audio streaming from iPhone and advanced binaural signal processing that allows wearers to hear more comfortably and naturally. We're especially proud to introduce an amazing new feature, My Voice, which allows wearers to hear their own voice naturally. MyCore technology is available in RIC, BTE and click and fit. Wearers can now enjoy a truly individualized hearing experience.

Adore™ Li   Adore™ MB   Adore™ PB   Adore™ iX

Adore Li RIC

Lithium-ion rechargeable RIC provides MyCore hearing and direct streaming from iPhone.

Adore Li is our lithium-ion rechargeable RIC that does not require any battery changes. Adore Li is suitable for up to severe hearing loss and with an IP68 rating, it can stand up to moisture, sweat and dirt.

✓ My Voice
✓ Direct Audio Streaming from iPhones* to both hearing aids
✓ Binaural Signal Processing
✓ Easily connects with smartphones, TV and other devices
✓ Can be remotely controlled via remote or App
✓ Lithium-ion rechargeable for 19 hours wear time with 3-4 hour charge
✓ Smart Li-ion Power charger dries the hearing aids while it charges

miniReceiver 2.0	S	M	P	HP
Output/Gain	108/45	119/60	124/70	130/75
	Open Click Domes, Closed Click Domes, Click Mold (no vent)	Open Click Domes, Closed Click Domes, Click Mold (no vent)	Double Click Domes, Click Mold (no vent)	Custom Shell (no vent)
Battery Size	Lithium-ion	Lithium-ion	Lithium-ion	Lithium-ion
Current Consumption	1.3 mA	1.5 mA	1.4 mA	1.4 mA
Wearing Time	19 hours	19 hours	19 hours	19 hours
Processing Channels	48	48	48	48
User Control	Push Button	Push Button	Push Button	Push Button
IP Rating	68	68	68	68
Programming	Noahlink Wireless	Noahlink Wireless	Noahlink Wireless	Noahlink Wireless

*Requires iOS 9.3 or later

Eight colors are available: Beige, Deep Brown, Dark Granite, Granite, Gray, Pearl White, Sandy Brown, and Silver

Adore iX click and fit

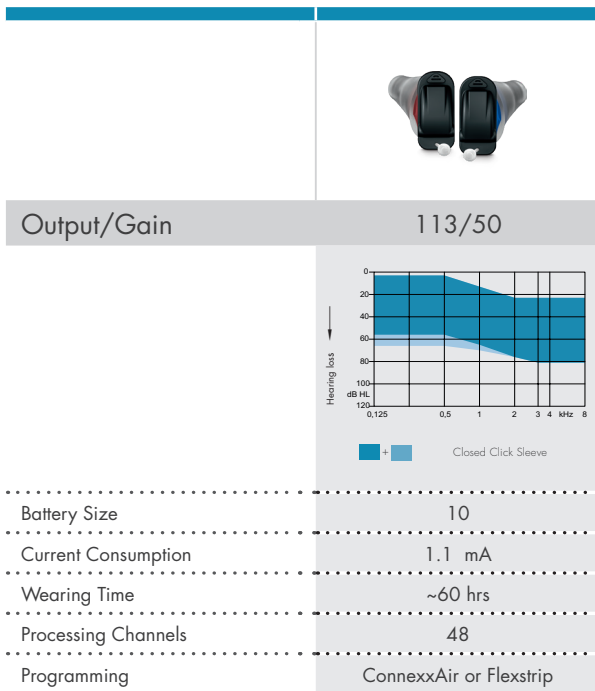**MyCore**
8C Technology

No impression required.

Adore iX is the new premium click and fit that doesn't require an impression. Adore iX combines the ultimate in cosmetics and industry-leading MyCore technology. It also uses comfortable click sleeves in 4 sizes for a personalized fitting

Easier to Fit
✓ 20 % Smaller
✓ Mocha and Black faceplates available
✓ New XS Click Sleeves

My Core Technology
✓ Binaural Single-Mic Directionality
✓ Intelligent Feedback Preventer
✓ XPhone
✓ Reverb Reducer
✓ Music Enhancer

Output/Gain	113/50

Hearing loss
0
20
40
60
80
100
120 dB HL
0,125   0,5   1   2   3 4 kHz 8

■ + ■   Closed Click Sleeve

Battery Size	10
Current Consumption	1.1 mA
Wearing Time	~60 hrs
Processing Channels	48
Programming	ConnexxAir or Flexstrip

Available Accessories

Smart Remote App   Smart Key Remote

Smart Key

■ Mocha   ■ Black   Adore iX shell comes in two colors: Translucent Blue (left) and Translucent Red (right). Adore iX faceplate comes in two colors: Mocha and Black.

Adore MB & PB BTE

MyCore 8C Technology

Rexton's Made for iPhone BTEs
The Adore MB and PB with MyCore 8C technology supports direct streaming.

✓ My Voice
✓ Direct Audio Streaming from iPhones* to both hearing aids
✓ Binaural Signal Processing
✓ Easily connects with smartphones, TV and other devices
✓ Can be remotely controlled via remote or App
✓ Optional T-coil

Product Details	Earhook	ThinTube	Earhook	ThinTube
	Adore MB	Adore MB	Adore PB	Adore PB
Output/Gain	134/63	126/56	135/77	130/65
Battery Size	13	13	13	13
Current Consumption	1.4 mA	2.0 mA	2.0 mA	1.7 mA
User Control	Rocker Switch	Rocker Switch	Rocker Switch	Rocker Switch
Processing Channels	48	48	48	48
Programming	Noahlink Wireless or HiPro 2	Noahlink Wireless or HiPro 2	Noahlink Wireless or HiPro 2	Noahlink Wireless or HiPro 2
IP 68 rating	Yes	Yes	Yes	Yes
Telecoil	Available Accessory	Available Accessory	Available Accessory	Available Accessory
Thin Tube Lengths	-	Lengths 1,2,3 and 4 Requires screw on Thin Tube Adaptor	-	Lengths 1,2,3 and 4 Requires screw on Thin Tube Adaptor
Domes	-	• Open Domes (3): 4mm, 8mm, and 10mm • Closed Domes (2): 6mm, 8mm • Semi-Open Domes (1): 8/12 • Double Domes (2): 8/10, 10/12	-	• Open Domes (3): 4mm, 8mm, and 10mm • Closed Domes (2): 6mm, 8mm • Semi-Open Domes (1): 8/12 • Double Domes (2): 8/10, 10/12

*Requires iOS 9.3 or later

Eight colors are available: Beige, Deep Brown, Dark Granite, Granite, Gray, Pearl White, Sandy Brown, and Silver

MyCore Accessories, Features, Apps

Accessories

Smart Li-ion Power:
Provides full-day use of Adore Li hearing aids with a short 3-4 hour charge
- Inductive technology means no charging contacts
- Smart Charging Technology avoids overcharging
- Dries while it charges
- Small, lightweight, and portable

Smart Transmitter 2.4:
Connect to TVs and other audio devices for true stereo sound.
- Connects directly to Adore Li RICs and MB/PB BTE hearing aids (no intermediate accessory necessary)
- Delivers sound in Dolby Digital for crystal clear sound quality
- Connect multiple sets of hearing aids to one transmitter

Smart Mic:
Small and versatile remote mic with multiple features.
- Remote microphone to hear one's companions
- Remote Control (volume control, program change, and mute function)
- Connect to compatible *Bluetooth®* phones for handsfree phone calls and audio streaming to both hearing aids

Smart Key:
Small discreet key fob-size remote control.
- Volume change
- Program change
- Mute function
- Reset to power-on settings

Smart phone apps:

Smart Direct App:
- Use with Apple iOS 9.3 and newer and compatible Android phones
- Program and volume change, microphone pattern adjustment, bonus listening situation programs, battery status, Motion Sensor and more

Smart Remote App:
- Use with iPhone 4S and most Android phones
- Program and volume change, microphone pattern adjustment, mute, and sound balance

*Requires iOS 9.3 or later

Available on the **App Store**

GET IT ON **Google Play**

Made for **iPhone | iPad | iPod**

MyCore Features At-a-glance

MyCore Platform		Adore MB/ PB	Adore Li	Adore iX
Signal Processing Channels	Digital processing structure for Noise Reduction and directivity systems, creating smart and precise decision-making to provide clean, natural sounds	48	48	48
Gain Handles	Tools for the assignment of gain and compression for audibility and comfort	20	20	20
Wireless Sync[1]	Activates automatically whenever required to create an accurate and natural sounding binaural experience with excellent battery life	✓	✓	✓
Volume & Program Coupling[1]	Data sharing and coordination to ensure optimal hearing instrument system performance	✓	✓	✓
Programs	Options for the wearer's unique situations	6	6	6
Speech				
My Voice[1] NEW	Identifies and processes the wearer's own voice, separately from other sounds	✓	✓	-
Voice Ranger	Combines multiple features that work together to ensure the wearer clearly hears the main source of speech, while more distant speech behind the conversation partner is reduced	✓	✓	✓
Stereo iLock[1] NEW	Automatically and seamlessly creates a narrow forward facing beam as tight as 10 degrees while still maintaining full perception of surrounding sounds	✓	✓	-
iFocus 360[1]	Engages directional microphones to clearly hear a conversation partner, from any direction, without directly looking at them	✓	✓	-
HD Directionality	The most natural and comfortable listening experience	✓	✓	✓
HD Bandwidth (10 kHz)	Amplifies a wider frequency range (up to 10 kHz) for an improved sound experience and music appreciation	✓	✓	✓
Intelligent Feedback Preventer NEW	Enjoy fittings with significantly less feedback or artifacts than previous technology	✓	✓	✓
Bandwidth Compression	Provides access to previously unattainable sounds and preserves speech cues resulting in better speech understanding	✓	✓	✓
Automatic Classifier	Automatically classifies sound type, resulting in a completely automatic hearing aid without pressing a button	✓	✓	✓
Multi-Channel Adaptive Directional Microphone	Accurately and precisely targets and reduces background noise, allowing better speech understanding in noise	✓	✓	-
Set & Go				
Reverb Reducer	Decreases reverberant sound so the wearer can enjoy a more direct and enjoyable listening experience	✓	✓	✓
Music Enhancer	Uses advanced processing to enrich the sound quality of music whether listening to recorded music, live music, or performing music	✓	✓	✓
Auto Volume[3]	The volume of streamed audio automatically adjusts to background noise so speech is always audible	✓	✓	-
Dynamic Extender NEW	Automatically increases the dynamic range of the hearing aids to improve sound quality and prevent distortion at loud inputs	✓	✓	✓
Smart Automatic Equalizer	A customized listening experience based on the individual lifestyle and listening needs without pressing a button	✓	✓	✓
Smart Automatic Acclimatization	Allows listener to gradually adapt and reach full amplification comfortably	✓	✓	✓
Data Logging	Allows personalized fine-tuning based on the listener's usage	✓	✓	✓
Smart Direct App NEW	Allows hearing aid to be controlled via a smartphone (iOS & Android)	✓	✓	-
Motion Sensor[2] NEW	Adjust hearing aid directional microphone and noise reduction performance when moving	✓	✓	-
Comfort & Convenience				
Noise Management	Digital analysis, processing and reduction of noise to allow for improved speech clarity and sound comfort, no matter the environment	✓	✓	✓
Sound Smoothing	Makes loud and sudden/harsh sounds more comfortable	✓	✓	✓
Intelligent Wind Noise Cancellation[1] NEW	Increases wearer comfort and speech understanding in wind	✓	✓	-
iOmni NEW	Mimics the natural directivity of the outer ear, when wearing BTEs and RICs	✓	✓	-
Microphone-pattern adjustment[1]	Allows the listener to have personalized control of microphone pattern for unique listening environments	✓	✓	-

[1]Bilateral fitting required [2]Requires Smart Direct App [3]Streaming only

MyCore Features At-a-glance

Features		Adore MB/ PB	Adore Li	Adore iX
Direct Audio Streaming from iPhone[1] & iPad	Stream phone and audio signals directly to hearing aids from iPhone	✓	✓	-
Directional Microphone	Provides a more natural and exceptionally clear perception of speech -	✓	✓	-
Rechargeable	Daily use with a single 3-4 hour charge. Eliminates the need to handle tiny batteries.	-	✓	-
Volume Control	Increase or decrease hearing aid loudness with on-board controls, remote or apps	✓	✓	✓
Push Button	Allows the selection of different programs or volume levels	✓	✓	-
XPhone[2]	For wearers who use hand-held phones, sound is transferred wirelessly to both hearing aids when phone is held to the ear	✓	✓	✓
Telecoil	Available for Adore MB/PB via exchangeable battery door	✓	-	-
Battery Door on/off	Use the battery door as a switch to turn the hearing aids on or off	✓	-	✓
Apps & Accessories				
Smart Direct App NEW	Allows hearing aid to be controlled via a smartphone (iOS & Android)	✓	✓	-
Smart Remote App	Allows hearing aid to be controlled via smartphone (iOS & Android)	✓	✓	✓
Smart Mic NEW	Direct Stream phone calls and media audio from Android most *Bluetooth®* compatible devices. Remote Mic	✓	✓	-
Smart Transmitter 2.4 NEW	Stream sounds from connected TV or other devices directly to the hearing aids	✓	✓	-
Smart Key	Multi-function remote with easy to use buttons	✓	✓	✓
Programming Options				
Noahlink Wireless Programming NEW	Program without wires or neck-worn adaptors	✓	✓	-
HiPro, NoahLink, ConnexxAir	HiPro and NoahLink requires battery pill adapters for the Adore MB/PB or flex strips for Adore iX.	13 Adapter	-	Flexstrips

[1]Apple iOS 9.3 and later. [2] Bilateral fitting required

Programming MyCore Hearing Aids

First Fit

1. Click on *Programmer Selection*

   - Adore Li: Noahlink Wireless only
   - Adore MB/PB: Noahlink Wireless, HI-PRO or NOAHlink
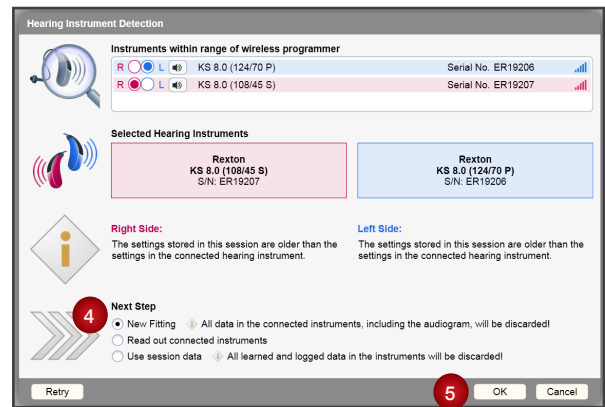   - Adore iX: HI-PRO, NOAHlink, or ConnexxAir
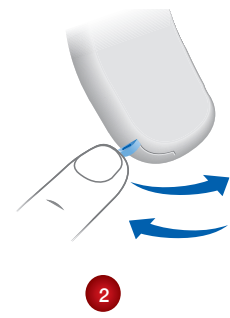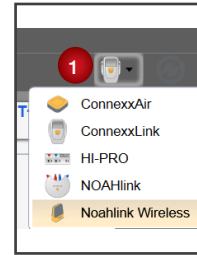
2. Activate Detection Mode if using Noahlink Wireless

   - Adore Li: Remove from charger or or press and hold push button on each hearing aid to turn off then press and hold again to turn on.
   - Adore MB/PB: Open and close each hearing aid battery door.
   - Confirm each hearing aid has completed powering on.

3. Click *Detect Hearing Instruments*

4. Click *New Fitting*

5. Click *OK* to begin First Fit

6. Click *Acoustical Parameters* tab

7. Select *Coupling Type*
   Select Click Dome or Click Mold

8. Select *Mold Type*
   Important: Select type of dome or vent size of mold being fit
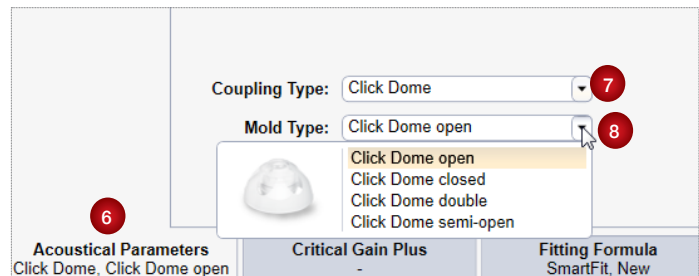
9. Click Fitting Formula tab

10. Select *Fitting Formula*

11. Select *Experience Level*

12. Click *First Fit*
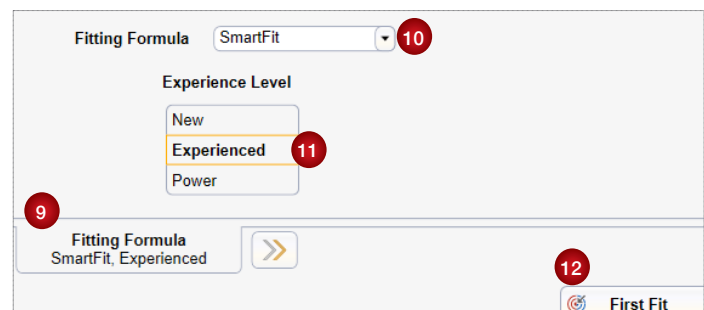
Programming MyCore Hearing Aids

Activating My Voice[1]

After First Fit has been performed, proceed to optimize member's voice perception.

1. Click My Voice tab

2. Click Prepare Training
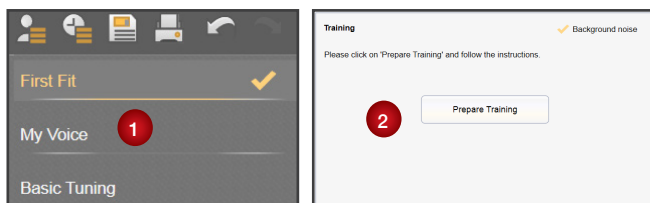
3. Instruct wearer to wait until they hear a beep in each ear and then count upward from 21 loudly.
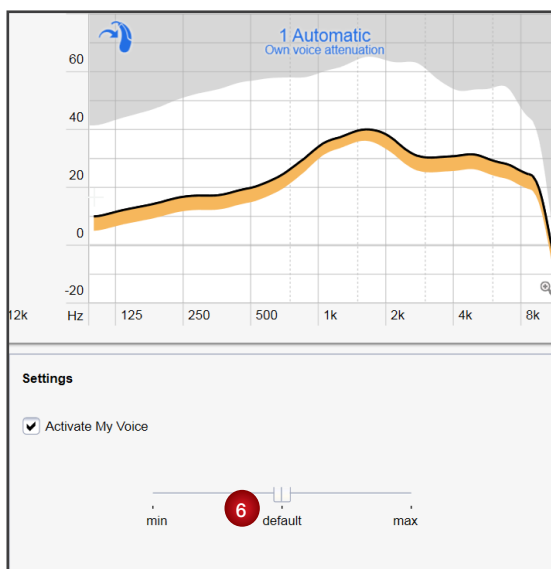
4. Click Start Training to begin
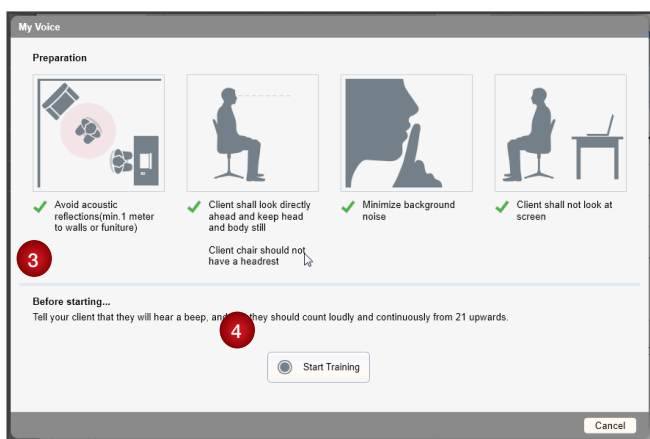
5. Click OK when Test is complete
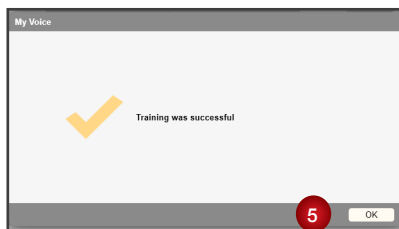
6. My Voice will activate at the default setting. Adjust if necessary.

   - If member's voice is too loud: increase setting to Max

   - If member's voice is too soft: decrease setting to Min

[1]My Voice requires a binaural fit and is not available for Adore iX

Discover the smart choice.

Rexton is built on the premise that exceptional hearing technology should be accessible to all. Our products offer superior speech understanding, durability and personalization to deliver unprecedented wearing comfort. Our tenured, passionate people are empowered to provide solution-driven service to meet each customer's individual needs. That is why Rexton is the smart choice.

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