



AUDIOLOGY



DESIGN



CONNECTIVITY



APPS

resoundpro.com

ReSound LiNX<sup>2</sup>

The world's first  
full family of smart  
hearing aids



ReSound



rediscover hearing



SURROUND  
SOUND  
by ReSound





# The evolution of smart hearing aids

Smart hearing aids emulate the way the ear naturally processes sound, allowing for a natural, comfortable listening experience for your patients. Smart hearing aids also seamlessly connect to your patients' favorite audio devices, which makes wearing a ReSound LiNX<sup>2</sup> hearing aid discreet, comfortable and simple.

ReSound LiNX<sup>2</sup> is the second generation of smart hearing aids, evolving from the world's first Made for iPhone<sup>®</sup> hearing aid, ReSound LiNX<sup>™</sup>. ReSound LiNX<sup>2</sup> takes the 2.4 GHz wireless technology of ReSound LiNX to the next level by offering advancements that make smart hearing a possibility for all your patients, regardless of their hearing loss or lifestyle. **ReSound LiNX<sup>2</sup> is the world's first full family of smart hearing aids.**

Because ReSound LiNX<sup>2</sup> is available as a full family of hearing aid models, you can feel confident that you're fitting your patients with the best hearing solution no matter the situation. Likewise, your patients will be pleased to know they are experiencing the best when it comes to top-rated sound quality and smart wireless connectivity in a comfortable yet durable design.



The newest features available in ReSound LiNX<sup>2</sup> will benefit your patients:

- **Binaural Directionality<sup>™</sup> II:** Your patients can engage in conversations following every word effortlessly even in complex listening environments.
- **Spatial Sense<sup>™</sup>:** Your patients will be able to identify sounds coming from behind or next to them without hesitation, providing for a more natural sense of their surroundings.
- **Made for iPhone<sup>®</sup>:** Your patients can take a call or stream their favorite music, audiobook or podcast from their iPhone, iPad<sup>®</sup> or iPod<sup>®</sup> touch without the use of an intermediary device.
- **Tinnitus Sound Generator:** Patients suffering from tinnitus will find relief from a wide array of pre-installed soothing background sounds and the option to further customize their therapy by uploading new sounds.
- **SureFit<sup>™</sup> thin tubes, receivers and domes:** Excellent sound quality and comfort now go hand in hand for your patients.
- **New & advanced designs:** Durable and simple to use, ReSound LiNX<sup>2</sup> now offers enhancements to the existing ReSound LiNX models plus new models to satisfy the needs of all of your patients.

Your patients no longer have to adapt to their hearing aid. Instead ReSound LiNX<sup>2</sup> will adapt to their lifestyle.

# Smart hearing is technology that adapts to your patients and their lifestyle



## AUDIOLOGY

Let your patients experience the latest version of Surround Sound by ReSound™ – the next step in our quest for the most natural hearing experience.

- Get a vivid sense of where sounds are coming from with new Spatial Sense
- Understand speech in noise effortlessly with new Binaural Directionality II
- Enjoy sound quality that earned a top rating from experienced hearing aid users\*



## DESIGN

Choose from a comprehensive family of modern, durable designs that are so discreet and comfortable, your patients – and those around them – will forget they are wearing hearing aids.

- Experience the all-day comfort and better acoustic performance of new ergonomic designs
- Enjoy greater listening and fitting comfort with the new SureFit system
- Get protection from moisture, dust, sweat and cerumen thanks to iSolate™ nanotech coating



## CONNECTIVITY

Your patients can stream stereo sound directly from their iPhone, iPad or iPod touch that is corrected to accommodate their unique hearing loss. They can also enjoy movies, music, make phone or video calls, and even get clear directions around an unfamiliar town.

- Use an iPhone, iPad or iPod touch to stream stereo sound directly to ReSound LiNX<sup>2</sup> hearing aids
- Stream stereo sound from any Bluetooth-enabled phone with a ReSound Unite™ Phone Clip+
- Watch TV in stereo using the ReSound Unite TV Streamer 2



## APPS

Your patients can fine-tune their settings and personalize their hearing experience using ReSound apps from their smartphone.

### ReSound Smart App

- Adjust volume, treble and bass
- Create favorite programs and have your patients' hearing aids switch to them in the places they visit most – or choose to have them activate automatically
- Enhance your listening comfort regardless of noise levels with new sound enhancement features

### The ReSound Relief™ app:

- Select from a wide range of pre-installed sound therapies to manage your patients' tinnitus.

### The ReSound Control™ app:

- Remote control access to volume and program settings





At the heart of ReSound LiNX<sup>2</sup>, driving Surround Sound by ReSound and our 2.4 GHz wireless technology, is SmartRange™. SmartRange allows for refinements to sound quality and connectivity that make hearing with ReSound LiNX<sup>2</sup> more natural sounding than ever before.



SmartRange is the world's most advanced and fastest wireless chip platform dedicated to hearing.

# GIVE YOUR PATIENTS A VIVID SENSE OF SPACE AND SPEECH

ReSound LiNX<sup>2</sup> is the new benchmark in smart hearing. In every aspect of its audiology, design, wireless connectivity and apps, ReSound LiNX<sup>2</sup> employs technologies so smart they adapt to your patients and their lifestyles.

## SURROUND SOUND BY RESOUND

ReSound LiNX<sup>2</sup> hearing aids feature the most advanced version of Surround Sound by ReSound, our unique system for processing sound. Using state-of-the-art algorithms that emulate the human ear, we take full advantage of the brain's natural ability to recognize sounds and pinpoint where they are coming from.

In a recent independent benchmark test of the hearing aids from leading manufacturers, experienced hearing aid users gave Surround Sound by ReSound a top rating across a variety of different sound environments.

ReSound LiNX<sup>2</sup> features Binaural Directionality II with Spatial Sense which combine pinna restoration with advanced binaural compression to create an even more natural listening experience for your patients.

## BINAURAL DIRECTIONALITY II WITH SPATIAL SENSE

**Binaural Directionality II:** With enhanced environmental detection, your patients will be able to better focus on the sounds they are most interested in while still maintaining a sense of what is going on around them even in noisy situations.

**Spatial Sense:** Supporting your patients' natural ability to detect where sounds are coming from, this feature emulates the way the head and outer ear block and channel sounds coming from different angles to the ear drum providing the highest possible sound quality.

## TINNITUS MANAGEMENT

ReSound LiNX<sup>2</sup> also helps you empower your patients to manage their tinnitus. It features a built-in sound therapy solution which gives your patients a choice between a selection of filtered white noise presets or six soothing nature sounds.

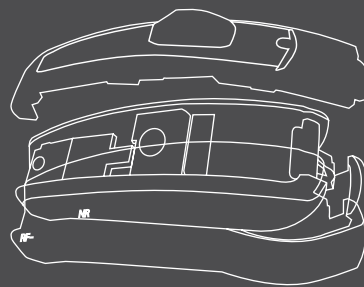




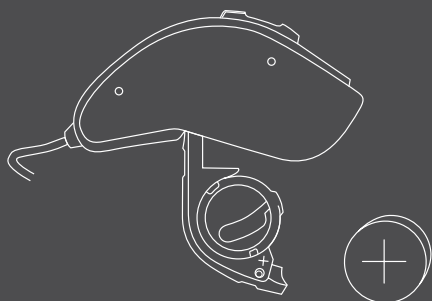


AUDIOLOGY

Our BTE and RIE models now include the SureFit system – a new, smaller design for thin tubes, receivers and domes. With improved sound performance and four output levels in one dome system, your patients will experience excellent sound quality in comfort.



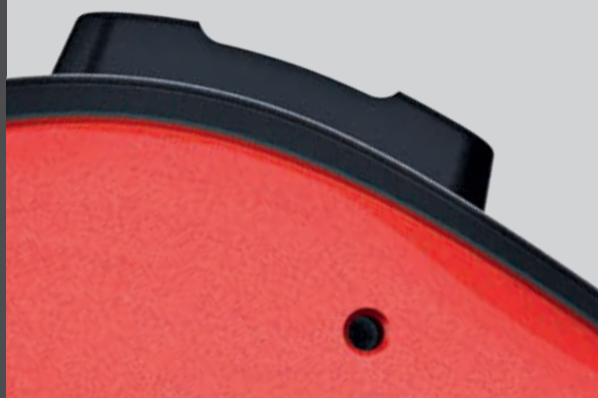
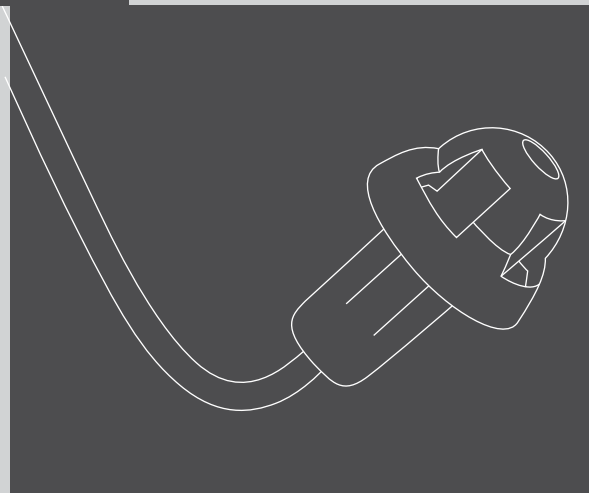
Every hearing aid component is coated with iSolate nanotech inside and out to prevent corrosion caused by moisture, dust, sweat and cerumen. Even the SureFit thin tubes, receivers and domes are protected by iSolate nanotech.



The battery door on all receiver-in-ear and behind-the-ear devices has been designed for maximum durability and ease-of-use.

## Tiny designs that are big on comfort and durability

The world's smartest hearing aids are so intuitive and so comfortable that you – and those around you – will forget you are wearing them.





New, sleek BTE and RIE designs are exquisitely engineered for usability, comfort and durability. All styles include Made for iPhone functionality and ear-to-ear communication.

The designs balance sturdiness with a refined tactile finish – a robust mechanical design is essential for acoustic stability – a cornerstone in ensuring the superior sound quality of the hearing aid.

- The battery door design provides clear On/Off/Open functions and long-term stability
- The battery locking system has been redesigned for ease of operation
- Push buttons and volume controls/multifunction switches are easy to operate with good tactile feedback
- BTE and RIE models now include our new SureFit System which includes tubes, domes and receivers that provide improved sound performance and output levels
- A new BTE receiver system delivers a higher maximum output and greater usable frequency range, better audiological fit, low distortion and exceptional sound quality

## RIE & BTE COLOR LINE-UP



## RIE & BTE STYLES WITH NEW SUREFIT SYSTEM



DESIGN

A complete line-up of ReSound LiNX<sup>2</sup> custom styles feature new designs and power options in addition to wireless enhancements with the advantage of ear-to-ear communication and easy synchronization of controls in ITE and MIH. On top of this, Made for iPhone functionality is available in the ITC, ITE and MIH models.

## CUSTOM COLOR LINE-UP



## CUSTOM STYLES



Previously referred to as the remote microphone hearing aid, the microphone-in-helix (MIH) provides your patients with many benefits because of its unique design. The MIH hearing aid is small and discreet and allows for better sound localization and speech recognition. Because of the microphone's location, the MIH also naturally eliminates wind noise.



# Connect, interact and engage effortlessly

Imagine stereo sound, corrected to accommodate your patients' hearing loss, streamed directly from their iPhone, iPad or iPod touch devices.

Your patients can make phone and video calls with their loved ones, or work out to their favorite songs - all without worrying about wires or something hanging around their neck.

The first Made for iPhone hearing aid, ReSound LiNX opened the door to direct connectivity with iPhone, iPad and iPod touch devices, making hearing aids work like Bluetooth-enabled headphones.

ReSound LiNX<sup>2</sup> takes this technology to the next level. Now Made for iPhone functionality is available across the ReSound LiNX<sup>2</sup> family regardless of which design is right for your patient.







Made for iPhone® connectivity is now available in all behind-the-ear and receiver-in-ear styles and most custom styles.\*



CONNECTIVITY



#### TALK ON THE PHONE

Your patients will enjoy clear, feedback-free phone conversations with confidence.

#### ENJOY STEREO SOUND

Your patients can watch a movie or listen to their favorite music or podcast in crisp stereo sound.

#### FACETIME® VIDEO CALLS

Bring your patients' long-distance loved ones within reach through video calls where their voice is streamed directly to your patients' ears.

#### GET DIRECTIONS

Your patients will be able to hear turn-by-turn directions clearly as they navigate discreetly through unfamiliar streets.



ReSound LiNX<sup>2</sup> is compatible with iPhone 6, iPhone 6 Plus, iPhone 5s, iPhone 5c, iPhone 5, iPad Air 2, iPad Air, iPad (4th generation), iPad mini 3, iPad mini 2, iPad mini and iPod touch (5th generation) using iOS 7.X or later.

\* MFi is available in ITC, ITE and MIH custom styles.

# Stream stereo sound from your Bluetooth phone



Even if your patients don't have an iPhone, iPad or iPod touch, they can still stream sound to their ReSound LiNX<sup>2</sup> hearing aids with ease. They simply need to pair their Bluetooth-enabled phone with the ReSound Unite Phone Clip+ and transform their hearing aids into hands-free headphones for phone calls, or for streaming stereo sound from their favorite videos, movies, playlists or podcasts.

The Phone Clip+ also works as a basic remote control for their hearing aids. Your patients can adjust the volume and mute/unmute the sound they stream to their hearing aids.



Wireless connectivity with ReSound Unite Phone Clip+ and Android smartphone



## 2.4 GHz WIRELESS COMMUNICATION

ReSound was the first to build 2.4 GHz technology for wireless communication into hearing aids.

- No need to wear an intermediary device around your neck
- Made for iPhone functionality
- The ability to stream sound up to 20 feet away
- All ReSound Unite wireless accessories are easy to use, simply plug in, pair and play
- Strong stereo signal with practically no noticeable delay





# Connect with ReSound Unite wireless accessories

## ENJOY FAMILY MOVIE NIGHT

With the ReSound Unite TV Streamer 2 plugged into your patients' TVs, stereos or computers, they can stream stereo sound directly into their ReSound LiNX<sup>2</sup> hearing aids. Your patients can listen at their volume while the people around them listen at theirs.

And, because they can adjust the volume of their surroundings and the TV independently, your patients can still chat with family and friends while they watch TV together.

## EXTEND THE LISTENING RANGE

Even for people without hearing loss, it can be tricky to follow what someone is saying if they are far away and noise levels are high. But, with a ReSound Unite Mini Microphone paired to your patients' ReSound LiNX<sup>2</sup> hearing aids, they'll hear everything the Mini Microphone wearer says because the sound is streamed directly to their hearing aids. Compact and robust, the Mini Microphone also connects to most audio devices such as TVs, music systems, and mobile phones, making it the ideal travel companion for your patients and their ReSound LiNX<sup>2</sup> hearing aids.

## RESOUND UNITE WORKS TOGETHER

Your patients' ReSound Unite wireless accessories are built to work together. So if someone calls them while they're watching TV, the streaming will be muted so they can choose to take the call or stick with watching the movie.

## EASY FITTING WITH AVENTA™ 3.8 AND AIRLINK 2

Aventa 3.8 integrates seamlessly with Airlink™ and Airlink™ 2 so you can provide your patients with more comfortable, less intrusive wireless fitting sessions. Aventa 3.8 features an excellent first-fit protocol for high sound quality, better compliance and greater patient satisfaction. And, because it is compatible with Otometrics equipment, you can offer your patients automatic real-ear measurements.



# Apps for a personalized hearing experience

Now your patients can personalize their hearing experience with a combination of advanced apps and their ReSound LiNX<sup>2</sup> hearing aids.



## RESOUND SMART APP

Enables your patients to adjust volume, treble and bass on the go, save favorite programs that they can activate when they want, find misplaced hearing aids, control their ReSound Unite wireless accessories and much more. All without having to touch – and draw attention to – their hearing aids.



## HEARING AID FINDER

If their hearing aids are misplaced, your patients can quickly track them down with the ReSound Smart app's "Finder" function.

## CONTROL ACCESSORIES

Activate and control the sound levels on the ReSound Unite Mini Microphone and focus on the voice of the wearer. And, when the news comes on TV, your patient can switch to the ReSound Unite TV Streamer 2 with one tap on the smartphone screen.

## ADD FAVORITES

Enables your patient to adjust hearing aid settings so they are just right, and save them in the list of "Favorites." Using the phone's ability to geo-tag places, the ReSound Smart app automatically activates the listening settings when the patient returns to a place on the "Favorites" list. Or your patient can choose to activate them whenever they want.



The ReSound Smart app is available for certain Android phones. For a complete listing of compatible Android phones, visit [www.resound.com/smartapp](http://www.resound.com/smartapp).





## THE LATEST RESOUND SMART APP INCLUDES THREE NEW FEATURES EXCLUSIVE TO RESOUND LINX2



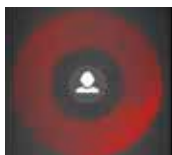
### SPEECH FOCUS

Your patients can choose and zero-in on exactly what or whom they want to listen to.



### COMFORT IN NOISE

Reduce noise levels in loud environments so listening is more comfortable and speech easier for your patients to understand.



### COMFORT IN WIND

Your patients can activate the wind filter to reduce the amount of intrusive wind noise on a windy day for maximum listening comfort – with minimum effort.



### RESOUND RELIEF APP

ReSound Relief is a multi-sensory app designed to help your patients further manage their tinnitus sound therapy by introducing sounds beyond those made available through their hearing aids. With ReSound Relief, your patients can find relief from their tinnitus through dynamic soundscapes, guided relaxation exercises and the ability to import sounds.



### RESOUND CONTROL APP

Gives your patients remote control of volume and program changes\*.

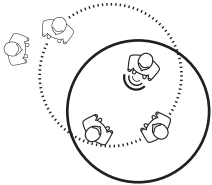





The latest smart app features will be available for Android in summer 2015

\*ReSound Unite Phone Clip+ is needed to use the ReSound Control app



APPS

## THE KEY FEATURES OF SMART HEARING – AND RESOUND LINX<sup>2</sup>

FEATURE	ADVANTAGE	BENEFIT
<b>Binaural Directionality™ II with Spatial Sense™</b> 	<p>With a combination of pinna restoration, binaural compression and a dynamic optimization of directionality settings, the hearing aids continuously exchange data to select the best directional response for any listening environment.</p>	<p>Delivers vivid spatial awareness with exceptional sound quality, and as background noise levels rise, your patients can zoom in on the sounds they are interested in without losing the sense of what is going on around them.</p>
<b>Binaural Environmental Optimizer™ II</b> 	<p>The hearing aids work together to analyze and accurately classify the listening environment, automatically adjusting gain and noise reduction settings.</p>	<p>Your patients can enjoy optimal audibility and listening comfort even when moving through rapidly changing sound environments.</p>
<b>Noise Tracker™ II</b> 	<p>A unique spectral subtraction technology reduces unwanted noise without degrading the speech signal.</p>	<p>Improves your patients' comfort in noisy listening situations without compromising speech understanding.</p>
<b>Sound Shaper™</b> 	<p>High-frequency sounds that are not audible due to high-frequency losses or cochlear dead regions are moved down in the frequency spectrum. A proportional relationship between input and output frequencies is maintained to minimize distortion.</p>	<p>Improves the audibility of speech cues that would otherwise have been lost, while maintaining the best sound quality possible.</p>
<b>DFS Ultra™ II with Music Mode™</b> 	<p>Better precision and scaling in DFS Ultra II enables the adaptive filter to cancel feedback more accurately. Music Mode analyzes the sound input over a longer period of time, resulting in better accuracy in distinguishing true feedback from other tonal input sounds.</p>	<p>Patients can now enjoy extra comfort, better audibility and all the subtle nuances of rich sound, even in the most challenging situations. Music Mode gives patients a clearer, richer, distortion-free music experience.</p>
<b>Tinnitus Sound Generator and Nature Sounds™</b> 	<p>Patients can choose from tinnitus therapy sounds, new Nature Sounds™, or their preferred sound streamed directly to their hearing aids. The ReSound Smart and ReSound Relief apps provide even more options for managing tinnitus.</p>	<p>Helps break the “cycle” and provide relief from tinnitus by diverting attention away from tinnitus with a wide range of soothing background sounds.</p>



A couple is seen from behind, embracing and looking out at a sunset. The man is wearing a plaid shirt, and the woman has her hair tied back. The sky is a mix of orange, pink, and blue.

## Find relief from tinnitus with ReSound LiNX<sup>2</sup>

Tinnitus cannot be cured. But it can be managed. If your patients suffer from tinnitus, ReSound LiNX<sup>2</sup> provides you with new, smart tools for finding relief.

### RESOUND TINNITUS THERAPY

One of the greatest challenges in working with the tinnitus population is that everyone is different. In the past, people suffering from tinnitus have had limited sound therapy options, which has made it challenging to find the flexibility and personalization suggested by many tinnitus management protocols.

Although broadband sounds, such as white noise, are available in ReSound's tinnitus sound generator (TSG) and have helped many people in tinnitus management, they are not a one-size-fits-all remedy for tinnitus sufferers.

To expand on the flexibility of ReSound's TSG, a series of Nature Sounds have been added.

The ReSound Smart app allows your patients to easily select and switch between the sounds that provide them the most relief from their tinnitus\*.



### THE RESOUND RELIEF APP

Direct audio streaming from a smartphone gives your patients direct access to all the sound therapy apps digitally available, including the ReSound Relief app. ReSound Relief is a multi-sensory app that allows your patients to manage their tinnitus through customizable soundscapes, guided relaxation exercises and imported sounds of their choosing.

\* Advanced tinnitus features are available in version 3.1 of the ReSound Smart app.

# Compatibility & comparison

## Audio streaming from mobile devices

		ReSound Unite			App compatibility	
		MFi	Phone Clip+	Mini Microphone (Via line-in)	ReSound Smart™	ReSound Control™ *
MOBILE DEVICES	<b>PHONE</b>					
	iPhone 6, iPhone 6 Plus (iOS 8.1 or later)	●	○**	○	●	○
	iPhone 5s, iPhone 5c, iPhone 5 (iOS 7 or later)	●	○**	○	●	○
	iPhone 4, 4s (iOS 7 or later)		●	○		●
	Android smartphone (OS 2.3.5 or later)		●	○	●	●
	Any Bluetooth-enabled phone		●	○		
	<b>TABLET</b>					
	iPad Air 2, iPad Air, iPad mini 3, iPad mini 2, iPad mini with Retina display, iPad mini, iPad (4th generation) (iOS 7 or later)	●	○	○	●	○
	iPad (2nd and 3rd generation) (iOS 7 or later)		●	○		●
	Android tablet with Bluetooth (OS 2.3.5 or later)		●	○		
	Windows or other tablet			○		
	<b>PORTABLE MUSIC PLAYERS</b>					
	iPod touch 5th generation (iOS 7 or later)	●	○	○	●	○
	iPod touch (3rd and 4th generation) (iOS 5 or later)		●	○		
	Any MP3 player			●		

○ Compatible

● Compatible and recommended

Go to [resound.com/smartapp](http://resound.com/smartapp) and [resound.com/control](http://resound.com/control) for more information.

Other combinations of devices are also relevant depending on user preference.

\* ReSound Unite Phone Clip+ is needed to use the ReSound Control app \*\* For hands-free phone solution

\*The ReSound Smart app is available for certain Android phones. For a complete listing of compatible Android phones, visit [www.resound.com/smartapp](http://www.resound.com/smartapp)

## Remote control functions

		Apps		ReSound Unite	
		ReSound Smart	ReSound Control*	Phone Clip+	Remote Control 2
FUNCTIONS	<b>VOLUME AND PROGRAM FUNCTIONS</b>				
	Volume adjustments	Mono-/binaural	Mono-/binaural	Binaural	Mono-/binaural
	Hearing aid program selection	Direct select	Direct select	Toggle (1-2-3-1...)	Toggle (1-2-3-1...)
	Streamer selection	Direct select	Direct select		Toggle (1-2-3-1...)
	Balance hearing aid volume vs. streaming volume	●	●		●
	Hearing aid mute	●	●	●	●
	<b>OTHER FUNCTIONS</b>				
	Phone operation			●	
	Program/streamer name customization by user	●	●		
	Bass/treble adjustment	●			
	Display	●	●		●
	Create favorite programs with or without geo-tags	●			
	Advanced sound adjustments	●			
	Advanced tinnitus sound adjustments**	●			
	Find your lost hearing aid	●			

\* ReSound Unite Phone Clip+ is needed to use the ReSound Control app

\*\*Available in ReSound Smart v. 3.1

## ReSound Unite comparison

		ReSound Unite		
		Phone Clip+	Mini Microphone*	TV Streamer 2**
<b>STREAMER FUNCTIONALITY</b>				
Audio Quality	Stereo		Mono	Stereo
Power Source	Rechargeable – portable		Rechargeable – portable	Wall plug-in A/C adapter – stationary
Voice Pickup	Directional microphone		Omnidirectional microphone	
Dolby Digital™				●
A2DP streaming	●			

\* Older devices may need a software update. If the pairing to ReSound LINX<sup>2</sup> is unsuccessful, update the ReSound Unite Mini Microphone to the latest firmware version via the firmware update tool "ReSound Unite Accessory Update" (installed together with Aventa 3.6 and later). \*\* Note that the first generation ReSound Unite TV is not compatible with ReSound LINX<sup>2</sup>

# ReSound LiNX<sup>2</sup> technology levels

Functional Features	ReSound LiNX <sup>2</sup> ™ 9	ReSound LiNX <sup>2</sup> ™ 7	ReSound LiNX <sup>2</sup> ™ 5
Fully flexible programs	4	4	4
Ear-to-Ear communication	●	⊙	○
Synchronized push button	●	●	●
Synchronized volume control	●	●	●
SmartStart™	●	●	●
PhoneNow™	●	●	●
Comfort Phone™	●	●	●
Direct audio streaming (Made for iPhone)	●	●	●
ReSound Unite™ TV Streamer 2, Remote Control 2, Phone Clip+, Mini Microphone	●	●	●
ReSound Smart™ app	●	●	●
ReSound Control™ app (Phone Clip+ required)	●	●	●
<b>Audiological Features</b>			
WARP compression - number of channels	17	17	9
Environmental Classifier	●	●	●
Spatial Sense™	●		
Directionality™	●	⊙	○
Directional Mix Processor	●	●	●
-Adjustable directional mix	●	●	
Softswitching™	●	●	⊙
Adaptive Directionality™	●	⊙	●
Environmental Optimizer	●	⊙	
NoiseTracker™ II	●	⊙	○
Expansion	●	⊙	○
Windguard™	●	⊙	○
Sound Shaper	●	●	●
Low Frequency Boost (UP receiver only)	●	⊙	○
DFS Ultra™ II	●	●	●
-Music Mode™	●	●	●
Auto DFS™	●	●	●
Synchronized Acceptance Manager	●	●	●
Amplification strategy (WDRC/Semilinear/Linear - UP receiver only)	●	⊙	○
Tinnitus Sound Generator with Nature Sounds	●	●	●
<b>Fitting Features</b>			
Fitting software Aventa 3.8 or higher	●	●	●
Available gain handles	9	7	6
Onboard Analyzer™ II	●	●	●
In Situ Audiometry	●	●	●
Wireless fitting with Airlink™	●	●	●

○ Basic

⊙ Advanced

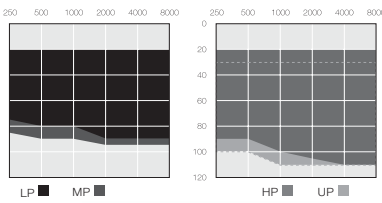
● Ultimate





ANSI S3.22 2cc coupler												
	LP	MP	HP	UP	LP	MP	HP	UP	MP	HP	UP	
Reference Test Gain (60 dB SPL Input)	1600 Hz/HFA	33	36	43	49	33	36	43	49	36	43	49
Full-On Gain (50 db SPL Input)	Max.	40	50	60	70	40	50	60	70	50	60	70
	1600 Hz/HFA	38	45	54	63	38	45	54	63	45	54	63
Maximum Output (90 dB SPL Input)	Max.	115	119	121	130	115	119	121	130	119	121	130
	1600 Hz/HFA	110	113	120	125	110	113	120	125	113	120	125
Frequency Range (DIN 45605)		100-6960	100-7110	100-6770	140-4700	100-6960	100-7110	100-6790	100-4700	100-7110	100-6770	100-4700
Battery size		10A	10A	10A	10A	312	312	312	312	312 and 13	312 and 13	312 and 13
Functional Features												
Fully flexible programs		4	4	4	4	4	4	4	4	4	4	4
Push button		●	●	●	●	●	●	●	●	●	●	●
Volume control		●	●	●	●	●	●	●	●	●	●	●
SmartStart™		●	●	●	●	●	●	●	●	●	●	●
PhoneNow™		●	●	●	●	●	●	●	●	●	●	●
Comfort Phone™										●	●	●
Ear-to-Ear communication										●	●	●
Direct audio streaming (Made for iPhone)						●	●	●	●	●	●	●
ReSound Unite™ TV Streamer 2, Remote Control 2, Phone Clip+, Mini Microphone						●	●	●	●	●	●	●
ReSound Control™ app (Phone Clip+ required)						●	●	●	●	●	●	●
ReSound Smart™ app						●	●	●	●	●	●	●
Audiological Features												
WARP compression - number of channels		17	17	17	17	17	17	17	17	17	17	17
Environmental Classifier		●	●	●	●	●	●	●	●	●	●	●
Binaural Directionality™ II												
Spatial Sense™												
Binaural Directionality™										●	●	●
Directional Mix Processor						●	●	●	●	●	●	●
- Adjustable directional mix						●	●	●	●	●	●	●
Natural Directionality™ II						●	●	●	●			
Synchronized SoftSwitching™										●	●	●
Softswitching™						●	●	●	●			
Autoscope Adaptive Directionality™						●	●	●	●	●	●	●
Multiscope Adaptive Directionality™												
Adaptive Directionality™												
Binaural Environmental Optimizer™ II										●	●	●
Environmental Optimizer		●	●	●	●	●	●	●	●			
NoiseTracker™ II		●	●	●	●	●	●	●	●	●	●	●
Expansion		●	●	●	●	●	●	●	●	●	●	●
Windguard™		●	●	●	●	●	●	●	●	●	●	●
Sound Shaper		●	●	●	●	●	●	●	●	●	●	●
Low Frequency Boost (UP receiver only)					●				●			●
Dfs Ultra™ II		●	●	●	●	●	●	●	●	●	●	●
- Music Mode™		●	●	●	●	●	●	●	●	●	●	●
Auto DFS™		●	●	●	●	●	●	●	●	●	●	●
Acceptance Manager		●	●	●	●	●	●	●	●	●	●	●
Amplification strategy (WDRC/Semilinear/Linear - UP models only)					●				●			●
Tinnitus Sound Generator with Nature Sounds		●	●	●	●	●	●	●	●	●	●	●
Fitting Features												
Onboard Analyzer™ II		●	●	●	●	●	●	●	●	●	●	●

ANSI S3.22 2cc coupler



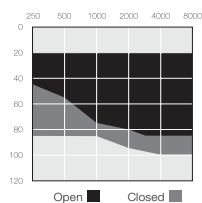
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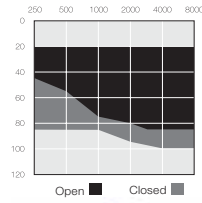
		LP	MP	HP	UP	LP	MP	HP	UP
Reference Test Gain (60 dB SPL Input)	1600 Hz/HFA	31	37	42	47	31	37	42	47
Full-On Gain (50 db SPL Input)	Max.	52	58	65	76	52	58	65	76
	1600 Hz/HFA	43	57	56	64	43	51	56	64
Maximum Output (90 dB SPL Input)	Max.	113	116	122	129	113	116	122	129
	1600 Hz/HFA	108	114	118	124	108	114	118	124
Frequency Range (DIN 45605)		100-7060	100-7000	100-6030	100-4910	100-7060	100-7000	100-6030	100-4910
Battery size		312	312	312	312	13	13	13	13
<b>Functional Features</b>									
Fully flexible programs		4	4	4	4	4	4	4	4
Push button		●	●	●	●	●	●	●	●
Volume control						●	●	●	●
SmartStart™		●	●	●	●	●	●	●	●
PhoneNow™		●	●	●	●	●	●	●	●
Comfort Phone™		●	●	●	●	●	●	●	●
Ear-to-Ear communication		●	●	●	●	●	●	●	●
Direct audio streaming (Made for iPhone)		●	●	●	●	●	●	●	●
ReSound Unite™ TV Streamer 2, Remote Control 2, Phone Clip+, Mini Microphone		●	●	●	●	●	●	●	●
ReSound Control™ app (Phone Clip+ required)		●	●	●	●	●	●	●	●
ReSound Smart™ app		●	●	●	●	●	●	●	●
<b>Audiological Features</b>									
WARP compression - number of channels		17	17	17	17	17	17	17	17
Environmental Classifier		●	●	●	●	●	●	●	●
Binaural Directionality™ II		●	●	●	●	●	●	●	●
Spatial Sense™		●	●	●	●	●	●	●	●
Binaural Directionality™									
Directional Mix Processor		●	●	●	●	●	●	●	●
- Adjustable directional mix		●	●	●	●	●	●	●	●
Natural Directionality™ II									
Synchronized SoftSwitching™		●	●	●	●	●	●	●	●
Softswitching™									
Autoscope Adaptive Directionality™		●	●	●	●	●	●	●	●
Multiscope Adaptive Directionality™									
Adaptive Directionality™									
Binaural Environmental Optimizer™ II		●	●	●	●	●	●	●	●
Environmental Optimizer									
NoiseTracker™ II		●	●	●	●	●	●	●	●
Expansion		●	●	●	●	●	●	●	●
Windguard™		●	●	●	●	●	●	●	●
Sound Shaper		●	●	●	●	●	●	●	●
Low Frequency Boost (UP receiver only)		●	●	●	●	●	●	●	●
DFS Ultra™ II		●	●	●	●	●	●	●	●
- Music Mode™		●	●	●	●	●	●	●	●
Auto DFS™		●	●	●	●	●	●	●	●
Acceptance Manager		●	●	●	●	●	●	●	●
Amplification strategy (WDRC/Semilinear/Linear - UP models only)		●	●	●	●	●	●	●	●
Tinnitus Sound Generator with Nature Sounds		●	●	●	●	●	●	●	●
<b>Fitting Features</b>									
Onboard Analyzer™ II		●	●	●	●	●	●	●	●



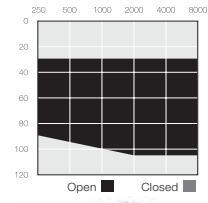
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		Thin tube	Plastic hook	Plastic hook
Reference Test Gain (60 dB SPL Input)	1600 Hz/HFA	38	43	51
Full-On Gain (50 db SPL Input)	Max.	51	57	67
	1600 Hz/HFA	48	53	63
Maximum Output (90 dB SPL Input)	Max.	127	124	132
	1600 Hz/HFA	116	121	128
Frequency Range (DIN 45605)		100-6810	100-6140	100-6020
Battery size		13	13	13
<b>Functional Features</b>				
Fully flexible programs		4	4	4
Push button		●	●	●
Volume control		●	●	●
SmartStart™		●	●	●
PhoneNow™		●	●	●
Comfort Phone™		●	●	●
Ear-to-Ear communication		●	●	●
Direct audio streaming (Made for iPhone)		●	●	●
ReSound Unite™ TV Streamer 2, Remote Control 2, Phone Clip+, Mini Microphone		●	●	●
ReSound Control™ app (Phone Clip+ required)		●	●	●
ReSound Smart™ app		●	●	●
<b>Audiological Features</b>				
WARP compression - number of channels		17	17	17
Environmental Classifier		●	●	●
Binaural Directionality™ II		●	●	●
Spatial Sense™		●	●	●
Binaural Directionality™				
Directional Mix Processor		●	●	●
- Adjustable directional mix		●	●	●
Natural Directionality™ II				
Synchronized SoftSwitching™		●	●	●
Softswitching™				
Autoscope Adaptive Directionality™		●	●	●
Multiscope Adaptive Directionality™				
Adaptive Directionality™				
Binaural Environmental Optimizer™ II		●	●	●
Environmental Optimizer				
NoiseTracker™ II		●	●	●
Expansion		●	●	●
Windguard™		●	●	●
Sound Shaper		●	●	●
Low Frequency Boost (UP receiver only)				●
DFS Ultra™ II		●	●	●
- Music Mode™		●	●	●
Auto DFS™		●	●	●
Acceptance Manager		●	●	●
Amplification strategy (WDRC/Semilinear/Linear - UP models only)				●
Tinnitus Sound Generator with Nature Sounds		●	●	●
<b>Fitting Features</b>				
Onboard Analyzer™ II		●	●	●

ReSound® helps people rediscover hearing. We develop hearing solutions that emulate the function of the natural ear. Our aim is to give your patients the opportunity to live a rich, active and fulfilling life unaffected by hearing loss.

ReSound LiNX<sup>2</sup> is the new benchmark in smart hearing. Armed with exceptional sound quality, speech understanding and spatial awareness, your patients can now engage effortlessly with family, friends and colleagues in any listening situation, stream stereo sound from their iPhone, and personalize their hearing experience using the ReSound Smart app.

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#### **ReSound North America**

8001 Bloomington Freeway  
Bloomington, MN 55420  
1-800-248-4327  
[resoundpro.com](https://resoundpro.com)

#### **ReSound Government Services**

8001 Bloomington Freeway  
Bloomington, MN 55420  
1-800-392-9932  
[resoundgov.com](https://resoundgov.com)

#### **ReSound Canada**

303 Supertest Road  
Toronto, Ontario M3J 2M4  
1-888-737-6863  
[resoundpro.com](https://resoundpro.com)

# ReSound

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