

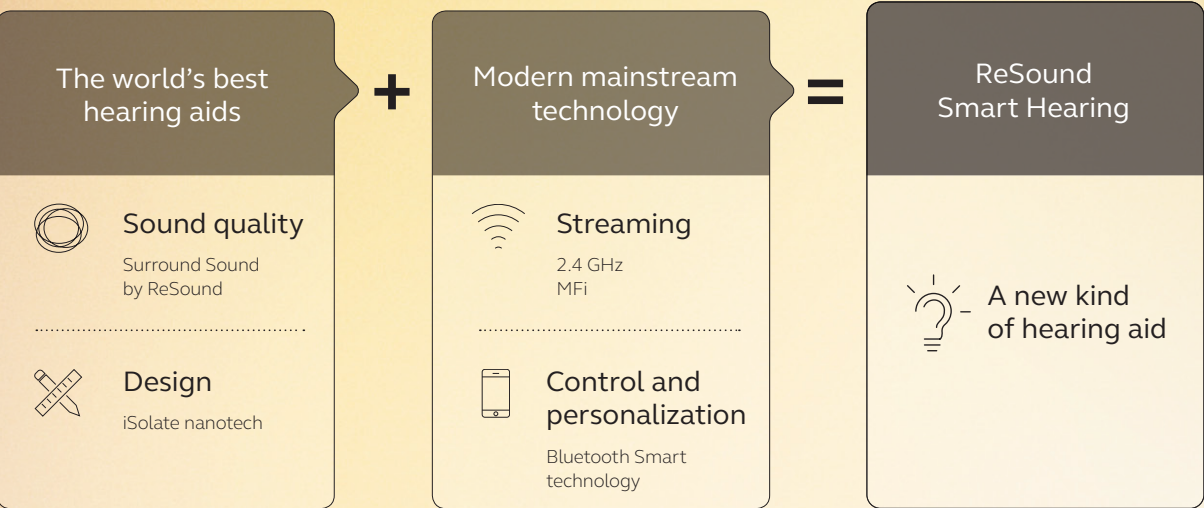
ReSound LiNX 3D™

A new dimension in hearing care

Because it's up to 50%† better at identifying speech in various environments*, your patients will hear up to 80%†† more of what's around them** and understand up to 40%†† more speech in noise** than they hear with competitive premium products while enjoying best-in-class streaming and control with the new ReSound Smart 3D™ app.




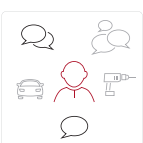
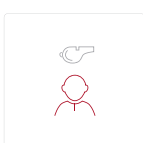
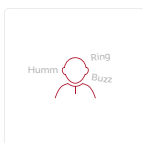
† Compared to other premium hearing aids.
†† Compared to premium hearing aids with narrow beamforming.

Sources: *Groth (2016)
**Jespersen et al. (2016)



ReSound LiNX 3D

key features

FEATURE	ADVANTAGE	BENEFIT
BINAURAL DIRECTIONALITY™ III		
	Continuous ear-to-ear exchange of data about the environment optimizes polar patterns and microphone settings in any listening situation.	Your patients can focus on the sounds that are important to them without losing touch with what's going on around them. Providing the brain with the right information from both ears lets your patients effortlessly follow conversations and shift attention naturally.
SPATIAL SENSE		
	Combines algorithms that restore pinna cues and interaural level differences to provide the brain with natural acoustic information for spatial hearing.	Supports your patients' ability to detect where sounds are coming from, so they experience a more natural sense of their surroundings and the best possible sound quality.
BINAURAL ENVIRONMENTAL™ OPTIMIZER II		
	The hearing aids work together to analyze and accurately classify the listening environment, automatically adjusting gain and noise reduction settings.	Your patients can enjoy optimal audibility and listening comfort even when moving through rapidly changing sound environments.
NOISE TRACKER™ II		
	A unique spectral subtraction technology reduces unwanted noise without degrading the speech signal.	Improves your patients' comfort in noisy listening situations without compromising speech understanding.
DFS ULTRA™ II WITH MUSIC MODE™		
	High precision feedback path analysis enables DFS Ultra II to cancel feedback with extreme accuracy. Music Mode analyzes the sound over a longer period of time, so the system can better distinguish true feedback from music and other tonal sounds.	Users can now enjoy extra comfort, better audibility and all the subtle nuances of rich sound, even in the most challenging situations. Music Mode provides users with clearer, richer, distortion-free music experience.
TINNITUS SOUND GENERATOR AND NATURE SOUNDS™		
	Programmable customized tinnitus therapy sounds as well as Nature Sounds.	Helps users break the 'vicious cycle' and achieve some relief from tinnitus by diverting attention through a wide range of soothing background sounds.

TECHNICAL SPECIFICATIONS	ANSI S3.22 2cc coupler									
	ReSound LiNX 3D™		LTCIC				LTMIH			
			LP	MP	HP	UP	LP	MP	HP	UP
Reference Test Gain (60 dB SPL Input)	1600 Hz/HFA		33	36	43	49	33	36	43	49
Full-On Gain (50 db SPL Input)	Max.		40	50	60	70	40	50	60	70
	1600 Hz/HFA		38	45	54	63	38	45	54	63
Maximum Output (90 dB SPL Input)	Max.		115	119	121	130	115	119	121	130
	1600 Hz/HFA		110	113	120	125	110	113	120	125
Battery size			10A	10A	10A	10A	312 and 13	312 and 13	312 and 13	312 and 13
KEY FEATURES	AUDIOLOGICAL FEATURES									
	WARP compression - number of channels		17	17	17	17	17	17	17	17
	Environmental Classifier		●	●	●	●	●	●	●	●
	Binaural Directionality									
	Directional Mix Processor									
	Adjustable Directional Mix									
	Natural Directionality II									
	Synchronized Softswitching									
	Softswitching™									
	Autoscope Adaptive Directionality									
	Telecoil							●	●	●
	Binaural Environmental Optimizer II						●	●	●	●
	Environmental Optimizer II		●	●	●	●				
	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		●	●	●	●	●	●	●	●
	FUNCTIONAL FEATURES									
	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 (MFi)*			●	●		●	●	●	●
	ReSound Micro Mic, Multi Mic, TV Streamer 2, Phone Clip+, Remote Control, Remote Control 2*			●	●		●	●	●	●
	ReSound Control app (Phone Clip+ required)*			●	●		●	●	●	●
	ReSound Smart 3D™ app*			●	●		●	●	●	●
	FITTING FEATURES									
	Fitting software Smart Fit		●	●	●	●	●	●	●	●
	Available gain handles		9	9	9	9	9	9	9	9
	Onboard Analyzer II		●	●	●	●	●	●	●	●
	Wireless fitting with Noahlink Wireless*			●	●		●	●	●	●

*Available in Wireless CIC only.

TECHNICAL SPECIFICATIONS									
	LP = Low Power MP = Medium Power HP = High Power UP = Ultra Power MIH = Microphone-in-helix		LTITC				LTITE-HS/FS		
			LP	MP	HP	UP	MP	HP	UP
Reference Test Gain (60 dB SPL Input)	1600 Hz/HFA		33	36	43	49	36	43	49
Full-On Gain (50 db SPL Input)	Max.		40	50	60	70	50	60	70
	1600 Hz/HFA		38	45	54	63	45	54	63
Maximum Output (90 dB SPL Input)	Max.		115	119	121	130	119	121	130
	1600 Hz/HFA		110	113	120	125	113	120	125
Battery size			312	312	312	312	312 and 13	312 and 13	312 and 13
KEY FEATURES -	AUDIOLOGICAL FEATURES								
	WARP compression - number of channels		17	17	17	17	17	17	17
	Environmental Classifier		●	●	●	●	●	●	●
	Binaural Directionality			●			●	●	●
	Directional Mix Processor		●	●	●	●	●	●	●
	Adjustable Directional Mix		●	●	●	●	●	●	●
	Natural Directionality II		●	●	●	●	●	●	●
	Synchronized Softswitching			●			●	●	●
	Softswitching		●	●	●	●			
	Autoscope Adaptive Directionality		●	●	●	●	●	●	●
	Telecoil			●	●	●	●	●	●
	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		●	●	●	●	●	●	●
	FUNCTIONAL FEATURES								
	Fully flexible programs		4	4	4	4	4	4	4
	Push button		●	●	●	●	●	●	●
	Volume control		●	●	●	●	●	●	●
	SmartStart		●	●	●	●	●	●	●
	PhoneNow		●	●	●	●	●	●	●
	Comfort Phone			●			●	●	●
	Ear-to-Ear communication						●	●	●
	Direct audio streaming (MFi)		●	●	●	●	●	●	●
	ReSound Micro Mic, Multi Mic, TV Streamer 2, Phone Clip+, Remote Control, Remote Control 2		●	●	●	●	●	●	●
	ReSound Control app (Phone Clip+ required)		●	●	●	●	●	●	●
	ReSound Smart 3D™ app		●	●	●	●	●	●	●
	FITTING FEATURES								
	Fitting software Smart Fit		●	●	●	●	●	●	●
	Available gain handles		9	9	9	9	9	9	9
	Onboard Analyzer II		●	●	●	●	●	●	●
	Wireless fitting with Noahlink Wireless		●	●	●	●	●	●	●

TECHNICAL SPECIFICATIONS	ANSI S3.22 2cc coupler						
	ReSound LiNX 3D™						
	LP = Low Power MP = Medium Power HP = High Power UP = Ultra Power		LP MP HP UP				Open Closed
KEY FEATURES			LT61-Z	LT61	LT67		
			LP	MP	HP	UP	Thin tube Ear hook
	Reference Test Gain (60 dB SPL Input)	1600 Hz/HFA	31	37	42	47	38 38
	Full-On Gain (50 db SPL Input)	Max.	52	58	65	75	52 56
		1600 Hz/HFA	43	51	56	64	47 49
KEY FEATURES	Maximum Output (90 dB SPL Input)	Max.	113	116	122	129	122 120
		1600 Hz/HFA	108	114	118	124	114 115
	Battery size		312	312	312	312	312 312
	AUDIOLOGICAL FEATURES						
	WARP compression - number of channels		17	17	17	17	17 17
Environmental Classifier			●	●	●	●	● ●
Binaural Directionality III			●	●	●	●	● ●
Spatial Sense			●	●	●	●	● ●
Binaural Directionality							
Directional Mix Processor			●	●	●	●	● ●
Adjustable Directional Mix			●	●	●	●	● ●
Natural Directionality II			●	●	●	●	● ●
Synchronized Softswitching			●	●	●	●	● ●
Autoscope Adaptive Directionality			●	●	●	●	● ●
Telecoil							● ●
Binaural Environmental Optimizer II			●	●	●	●	● ●
Environmental Optimizer II							
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			●	●	●	●	● ●
FUNCTIONAL FEATURES							
Fully flexible programs			4	4	4	4	4 4
Push button			●	●	●	●	● ●
Volume control			●	●	●	●	● ●
SmartStart			●	●	●	●	● ●
PhoneNow			●	●	●	●	● ●
Comfort Phone			●	●	●	●	● ●
Ear-to-Ear communication			●	●	●	●	● ●
Direct audio streaming (MFi)			●	●	●	●	● ●
ReSound Micro Mic, Multi Mic, TV Streamer 2, Phone Clip+, Remote Control, Remote Control 2			●	●	●	●	● ●
ReSound Control app (Phone Clip+ required)			●	●	●	●	● ●
ReSound Smart 3D app			●	●	●	●	● ●
FITTING FEATURES							
Fitting software Smart Fit			●	●	●	●	● ●
Available gain handles			9	9	9	9	9 9
Onboard Analyzer II			●	●	●	●	● ●
Wireless fitting with Airlink 2/Noahlink Wireless			●	●	●	●	● ●

TECHNICAL SPECIFICATIONS			 Open ■ Closed ■  LT77	  LT88	
			Thin tube	Ear hook	
			Thin tube	Ear hook	
			Thin tube	Ear 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	
Battery size		13	13	13	
KEY FEATURES	AUDIOLOGICAL FEATURES				
	WARP compression - number of channels		17	17	17
	Environmental Classifier		●	●	●
	Binaural Directionality III		●	●	●
	Spatial Sense		●	●	●
	Binaural Directionality				
	Directional Mix Processor		●	●	●
	Adjustable Directional Mix		●	●	●
	Natural Directionality II		●	●	●
	Synchronized Softswitching		●	●	●
	Autoscope Adaptive Directionality		●	●	●
	Telecoil		●	●	●
	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		●	●	●
	FUNCTIONAL FEATURES				
	Fully flexible programs		4	4	4
	Push button		●	●	●
	Volume control		●	●	●
	SmartStart		●	●	●
	PhoneNow		●	●	●
	Comfort Phone		●	●	●
Ear-to-Ear communication		●	●	●	
Direct audio streaming (MFi)		●	●	●	
ReSound Micro Mic, Multi Mic, TV Streamer 2, Phone Clip+, Remote Control, Remote Control 2		●	●	●	
ReSound Control app (Phone Clip+ required)		●	●	●	
ReSound Smart 3D™ app		●	●	●	
FITTING FEATURES					
Fitting software Smart Fit		●	●	●	
Available gain handles		9	9	9	
Onboard Analyzer II		●	●	●	
Wireless fitting with Airlink 2/Noahlink Wireless		●	●	●	

