

ReSound LiNX 3D™

A new dimension in hearing care

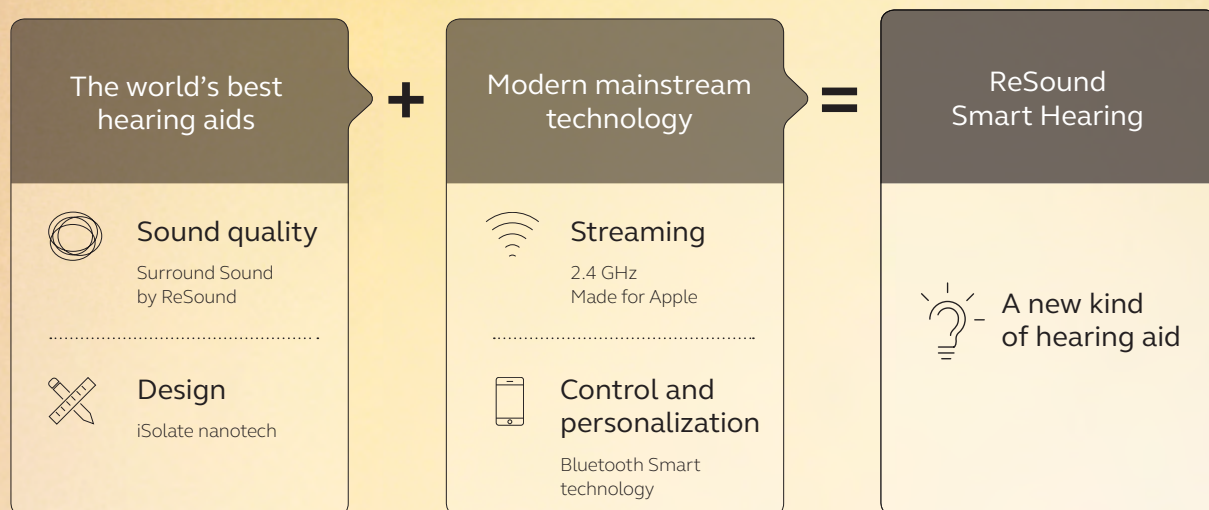
Because it's up to 50%† better at identifying speech in various environments*, your patients will hear up to 80%†† more of what's around them** and understand up to 40%†† more speech in noise** than they hear with competitive premium products while enjoying best-in-class streaming and control with the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

† Compared to other premium hearing aids.

†† Compared to premium hearing aids with narrow beamforming.



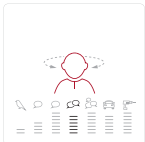

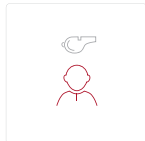
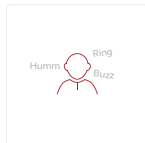
Sources: *Groth (2016)

**Jespersen et al. (2016)



ReSound LiNX 3D

key features

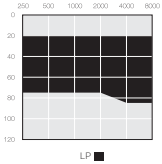
FEATURE	ADVANTAGE	BENEFIT
BINAURAL DIRECTIONALITY™ III		
	Continuous ear-to-ear exchange of data about the environment optimizes polar patterns and microphone settings in any listening situation.	Your patients can focus on the sounds that are important to them without losing touch with what's going on 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

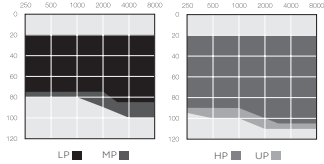
ANSI S3.22 2cc coupler

ReSound LiNX 3D™

LP = Low Power
MP = Medium Power
HP = High Power
UP = Ultra Power
MIH = Microphone-in-helix



LTIC



LTCIC

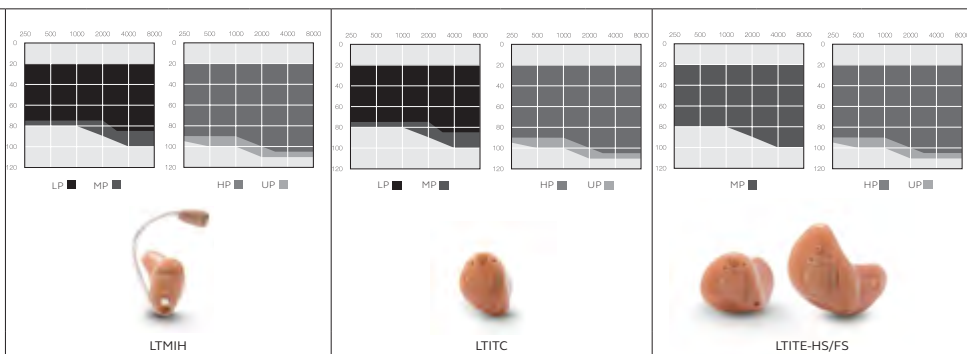
KEY FEATURES

		LP	LP	MP	HP	UP
Reference Test Gain (60 dB SPL Input)	1600 Hz/HFA	33	33	36	43	49
Full-On Gain (50 db SPL Input)	Max.	40	40	50	60	70
	1600 Hz/HFA	38	38	45	54	63
Maximum Output (90 dB SPL Input)	Max.	115	115	119	121	130
	1600 Hz/HFA	110	110	113	120	125
Battery size		10A	10A	10A	10A	10A
AUDIOLOGICAL FEATURES						
WARP compression - number of channels		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		1	4	4	4	4
Push button			●	●	●	●
Volume control			●	●	●	●
SmartStart		●	●	●	●	●
PhoneNow			●	●	●	●
Comfort Phone						
Ear-to-Ear communication*				●	●	
Direct audio streaming (Made for Apple)*				●	●	
ReSound Micro Mic, Multi Mic, TV Streamer 2, Phone Clip+, 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
Onboard Analyzer II		●	●	●	●	●
Wireless fitting with Noahlink Wireless*				●	●	

*Available in Wireless CIC only.



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UP = Ultra Power
MIH = Microphone-in-helix



LTMH



LTITC



LTITE-HS/FS

		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
Battery size		312 and 13	312 and 13	312 and 13	312 and 13	312	312	312	312	312 and 13	312 and 13	312 and 13

AUDIOLOGICAL FEATURES

WARP compression - number of channels	17	17	17	17	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						●	●	●	●			
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	4	4	4	4
Push button	●	●	●	●	●	●	●	●	●	●	●	●
Volume control	●	●	●	●	●	●	●	●	●	●	●	●
SmartStart	●	●	●	●	●	●	●	●	●	●	●	●
PhoneNow	●	●	●	●	●	●	●	●	●	●	●	●
Comfort Phone	●	●	●	●	●	●	●	●	●	●	●	●
Ear-to-Ear communication	●	●	●	●					●	●	●	●
Direct audio streaming (Made for Apple)	●	●	●	●	●	●	●	●	●	●	●	●
ReSound Micro Mic, Multi Mic, TV Streamer 2, Phone Clip+, Remote Control 2	●	●	●	●	●	●	●	●	●	●	●	●
ReSound Control app (Phone Clip+ required)	●	●	●	●	●	●	●	●	●	●	●	●
ReSound Smart 3D™ app	●	●	●	●	●	●	●	●	●	●	●	●

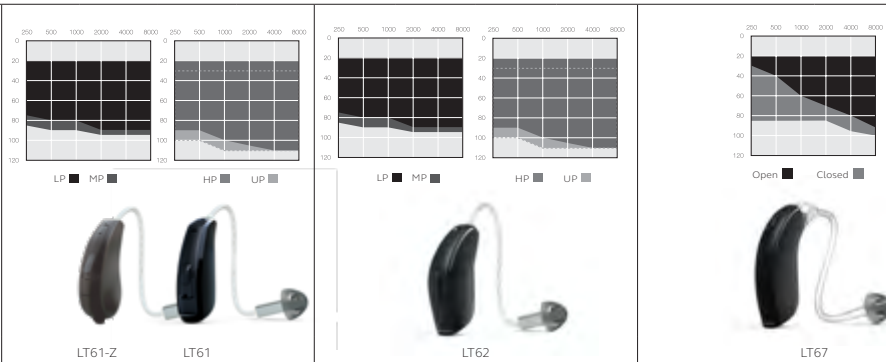
FITTING FEATURES

Fitting software Smart Fit	●	●	●	●	●	●	●	●	●	●	●	●
Available gain handles	9	9	9	9	9	9	9	9	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
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HP = High Power
UP = Ultra Power



		LP	MP	HP	UP	LP	MP	HP	UP	Thin tube	Ear hook
Reference Test Gain (60 dB SPL Input)	1600 Hz/HFA	31	37	42	47	31	37	42	47	38	38
Full-On Gain (50 db SPL Input)	Max.	52	58	65	75	52	58	65	75	52	56
	1600 Hz/HFA	43	51	56	64	43	51	56	64	47	49
Maximum Output (90 dB SPL Input)	Max.	113	116	122	129	113	116	122	129	122	120
	1600 Hz/HFA	108	114	118	124	108	114	118	124	114	115
Battery size		312	312	312	312	13	13	13	13	312	312

KEY FEATURES

AUDIOLOGICAL FEATURES											
WARP compression - number of channels	17	17	17	17	17	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	4	4	4	4	4
Push button	●	●	●	●	●	●	●	●	●	●	●
Volume control	●	●	●	●	●	●	●	●	●	●	●
SmartStart	●	●	●	●	●	●	●	●	●	●	●
PhoneNow	●	●	●	●	●	●	●	●	●	●	●
Comfort Phone	●	●	●	●	●	●	●	●	●	●	●
Ear-to-Ear communication	●	●	●	●	●	●	●	●	●	●	●
Direct audio streaming (Made for Apple)	●	●	●	●	●	●	●	●	●	●	●
ReSound Micro Mic, Multi Mic, TV Streamer 2, Phone Clip+, 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	9	9	9
Onboard Analyzer II	●	●	●	●	●	●	●	●	●	●	●
Wireless fitting with Airlink 2/Noahlink Wireless	●	●	●	●	●	●	●	●	●	●	●

TECHNICAL SPECIFICATIONS

		 Open ■ Closed ■		
		Thin tube	Ear hook	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
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 (Made for Apple)		●	●	●
ReSound Micro Mic, Multi Mic, TV Streamer 2, Phone Clip+, 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		●	●	●

