

Discreet and reliable

A cosmetic lineup of custom, RIE and BTE styles



New Sure Fit 2 receiver tubes for a perfect fit

Our new, improved receiver tubes sit snugly against the head. Their softer form wraps naturally around the pinna. And they contour to the shape of the first bend in the ear canal so the tube lies close to the skin and the receiver sits more securely in the ear canal. As before, all receivers and thin tubes conveniently use the same dome system.



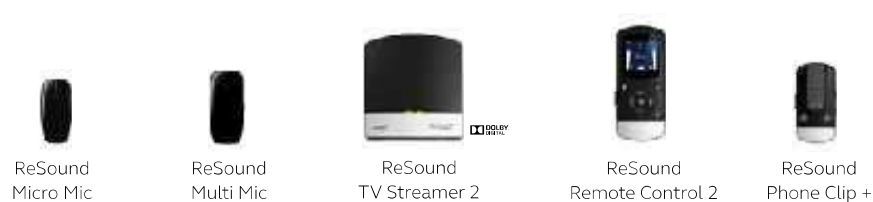
Robust and reliable

Since hearing aids need to perform in harsh environments, we make them rugged. In fact, reliability is the second most important attribute when choosing a hearing aid.* All our components – even thin tubes, receivers and domes – are coated with protective iSolate nanotech to repel water, earwax and debris. Because our intelligent design and iSolate nanotech coating keep the circuitry safe, all ReSound BTE and RIE hearing aids meet the IP58 standard that indicates they are water resistant and dust-tight.

*Hearing Tracker: Most important hearing aid feature (2016)

Market-leading wireless accessories

You can offer your clients an entire ecosystem of wireless accessories to enhance their hearing in situations with noise, reverberation or over distance. Best of all, they work together as an intelligent system. For example, the TV mutes when a phone call comes in and the TV's sound returns automatically when they hang up the phone, ensuring a seamless listening experience.



Find out more about all ReSound wireless accessories at resoundpro.com

Compatibility & Comparison

ReSound Smart Hearing aids can work with:

- An iPhone, iPad or iPod touch
- An Android phone (selected models)
- A Phone Clip+
- Any combination of three streaming accessories
- A Remote Control 2

Phone and app options

Phone	Phone	Compatible ReSound product
iPhone	Phone call	ReSound LINX 3D
	App use	ReSound Smart 3D
Android phones (selected models)	Phone call	ReSound LINX 3D and Phone Clip+
	App use	ReSound Smart 3D
Older iPhone or other Android phones	Phone call	ReSound LINX 3D and Phone Clip+
	App use	ReSound Control
Other Bluetooth-enabled phones	Phone call	ReSound LINX 3D and Phone Clip+
	App use	

The ReSound Smart 3D app can be used on iPhone, iPad, iPod Touch and selected Android phones
Go to www.resoundpro.com/compatibility for the full list of devices compatible with ReSound Smart 3D app



Control options

	ReSound Smart 3D	ReSound Control*	Phone Clip+	Remote Control 2
VOLUME AND PROGRAMME FUNCTIONS				
Volume adjustments	Mon-/binaural	Mon-/binaural	Binaural	Mon-/binaural
Hearing aid programme 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	■	■	■	■
OTHER FUNCTIONS				
ReSound Assist	■			
Quick buttons - short cuts to sound optimization	■			
Sound Enhancer - wind, noise, speech adjustment**	■			
Sound Enhancer - bass/middle/treble adjustment	■			
Tinnitus Manager adjustments	■			
Create favorite programmes with or without geo-tags	■			
Programme/streamer name customization by user	■	■		
Find your lost hearing aid	■			
Phone operation			■	
Display	■	■		■

* ReSound Phone Clip+ is needed to use the ReSound Control app
** Available in ReSound LINX 3D 9



Streaming options

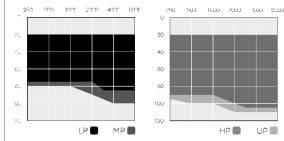
	Phone Clip+	Multi Mic	Micro Mic	TV Streamer 2
STREAMER FUNCTIONALITY				
Power Source	Rechargeable - portable	Rechargeable - portable	Rechargeable - portable	Wall plug-in A/C adapter - stationary
Audio Quality	Stereo (A2DP)	Mono	Mono	Stereo
Voice Pickup	Directional microphone	Directional/Omnidirectional	Directional microphone	
Telecoil		■		
Line-in		■		■
FM compatibility (FM receiver required)		■		

TECHNICAL SPECIFICATIONS

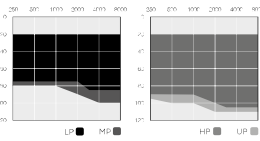
IEC 118-0 Ear Simulator data



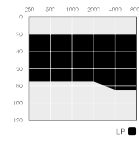
LTMHS



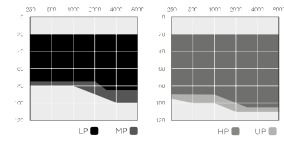
LTMH



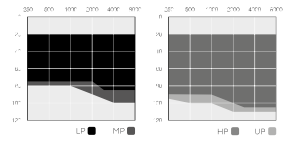
LTIC



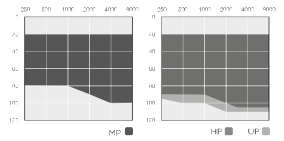
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LTIC



LTITE



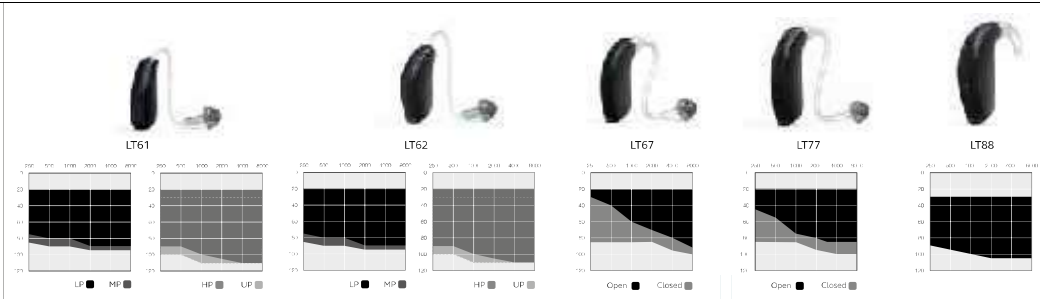
		LTMHS				LTMH				LTIC	LTIC				LTITE		
		LP	MP	HP	UP	LP	MP	HP	UP	LP	LP	MP	HP	UP	MP	HP	UP
Reference Test Gain (60 dB SPL Input)	1600 Hz/HFA	33	40	47	59	33	40	47	59	33	33	40	47	59	40	47	59
Full-On Gain (50 dB SPL Input)	Max.	49	59	69	79	49	59	69	79	49	49	59	69	79	59	69	79
	1600 Hz/HFA	43	50	59	70	43	50	59	70	43	43	50	59	70	50	59	70
Maximum Output (90 dB SPL Input)	Max.	124	127	130	137	124	127	130	137	124	124	127	130	137	127	130	137
	1600 Hz/HFA	117	121	126	136	117	121	126	136	117	117	121	126	136	121	126	136
Total Harmonic Distortion	500 Hz	0.4	0.5	0.6	0.5	0.4	0.5	0.6	0.5	0.4	0.4	0.5	0.6	0.5	0.5	0.6	0.5
	800 Hz	0.7	0.9	1.3	1.4	0.7	0.9	1.3	1.4	0.7	0.7	0.9	1.3	1.4	0.9	1.3	1.4
	1600 Hz	0.8	1.0	0.8	0.4	0.8	1.0	0.8	0.4	0.8	0.8	1.0	0.8	0.4	1.0	0.8	0.4
Telecoil sensitivity (1 mA/m input)	Max	N/A	N/A	N/A	N/A	N/A	88	98	106	N/A	N/A	N/A	N/A	N/A	88	98	106
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	N/A	N/A	N/A	N/A	N/A	81	88	99	N/A	N/A	N/A	N/A	N/A	81	88	99
Equivalent input noise w/o noise reduction		22	24	22	24	22	24	22	24	22	22	24	22	24	24	22	24
Frequency Range (DIN 45605)		100-7120	100-7170	100-6930	140-4720	100-7120	100-7170	100-6930	140-4720	100-7120	100-7120	100-7170	100-6930	140-4720	100-7170	100-6930	140-4720
Current drain		1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.1
Battery size		10A	10A	10A	10A	312 and 13	312 and 13	312 and 13	312 and 13	10A	10A	10A	10A	10A	312	312	312

KEY FEATURES

	LTMHS				LTMH				LTIC	LTIC				LTITE			
AUDIOLOGICAL FEATURES																	
WARP compression - number of channels	17	17	17	17	17	17	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 Soft Switching															■	■	■
Soft Switching															■	■	■
Autoscope Adaptive Directionality															■	■	■
Multiscope Adaptive Directionality															■	■	■
Adaptive Directionality															■	■	■
Binaural Environmental Optimizer II					■	■	■	■	■								■
Environmental Optimizer II	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Noise Tracker II	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Expansion	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Wind Guard					■	■	■	■	■	■	■	■	■	■	■	■	■
Sound Shaper	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Low Frequency Boost															■	■	■
DFS Ultra II	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
- Music Mode	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Auto DFS	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Acceptance Manager	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Amplification strategy (WDRC/Semi/linear/Linear)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Tinnitus Sound Generator with Nature Sounds	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
FUNCTIONAL FEATURES																	
Fully flexible programmes	4	4	4	4	4	4	4	4	1	4	4	4	4	4	4	4	4
Push button	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Volume control	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Smart Start	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Phone Now	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Comfort Phone					■	■	■	■	■	■	■	■	■	■	■	■	■
Ear-to-Ear communication					■	■	■	■	■	■	■	■	■	■	■	■	■
Direct audio streaming (Made for iPhone)					■	■	■	■	■	■	■	■	■	■	■	■	■
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																	
ReSound Assist – Remote Fine Tuning					■	■	■	■	■						■	■	■
ReSound Assist – Remote Hearing Aid Update					■	■	■	■	■						■	■	■
ReSound Smart Fit™ 1.0 or higher					■	■	■	■	■						■	■	■
Available gain handles	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17
Datalogging (Onboard Analyzer II)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Wireless fitting with Airlink 2/Noahlink Wireless					■	■	■	■	■						■	■	■

TECHNICAL SPECIFICATIONS

IEC 118-0 Ear Simulator data



		LP	MP	HP	UP	LP	MP	HP	UP	Thin tube	Plastic hook	Thin tube	Plastic hook	Plastic hook
Reference Test Gain (60 dB SPL Input)	1600 Hz/-FA	36	43	48	62	36	43	48	62	40	44	45	48	54
Full-On Gain (50 db SPL Input)	Max.	61	67	74	82	61	67	74	82	59	65	62	66	74
		49	56	61	80	49	56	61	80	51	55	54	58	67
Maximum Output (90 dB SPL Input)	Max.	123	125	131	137	123	125	131	137	125	130	131	134	140
	1600 Hz/-FA	115	121	125	136	115	121	125	136	116	122	121	126	134
Total Harmonic Distortion	500 Hz	0.5	0.7	1.0	2.4	0.5	0.7	1.0	2.4	0.5	0.8	0.5	0.4	0.5
	800 Hz	1.2	1.1	2.5	3.2	1.2	1.1	2.5	3.2	0.3	0.7	0.5	1.4	1.1
	1600 Hz	2.1	1.3	0.8	0.2	2.1	1.3	0.8	0.2	0.9	0.7	0.9	0.9	0.4
Telecoil sensitivity (1 mA/m input)	Max	N/A	N/A	N/A	N/A	91	97	103	112	90	95	94	98	102
Full-on telecoil sensitivity @ 1mA/m	1500 Hz/FA	N/A	N/A	N/A	N/A	78	85	89	110	83	86	87	90	95
Equivalent input noise w/o noise reduction		25	24	25	24	25	24	25	24	25	26	25	25	23
Frequency Range (DIN 45605)		100-7130	100-7130	100-6960	1120-4510	100-7130	100-7130	100-6960	1120-4510	100-7130	100-7000	100-6920	100-6960	100-6652
Current drain		1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.3
Battery size		312	312	312	312	13	13	13	13	312	312	13	13	13



ReSound LiNX 3D technology levels

	ReSound LiNX 3D 9	ReSound LiNX 3D 7	ReSound LiNX 3D 5
AUDIOLOGICAL FEATURES			
WARP compression - number of channels	17	14	12
Environmental Classifier	■	■	■
Binaural Directionality III	■	■	■
Spatial Sense	■	■	■
Binaural Directionality	■	■	■
Directional Mix Processor	■	■	■
Adjustable Directional Mix	■	■	■
Natural Directionality II	■	■	■
Synchronized Soft Switching	■	■	■
Soft Switching	■	■	■
Autoscope Adaptive Directionality	■	■	■
Multiscope Adaptive Directionality	■	■	■
Adaptive Directionality	■	■	■
Binaural Environmental Optimizer II	■	■	■
Environmental Optimizer	■	■	■
Noise Tracker II	■	■	□
Expansion	■	■	□
Wind Guard	■	■	□
Sound Shaper	■	■	■
Low Frequency Boost (UP receiver and PBTE only)	■	■	□
DFS Ultra II	■	■	■
- Music Mode	■	■	■
Auto DFS	■	■	■
Acceptance Manager	■	■	■
Amplification strategy (WDR/Nonlinear/ Linear)	■	■	■
Tinnitus Sound Generator with Nature Sounds	■	■	■
FUNCTIONAL FEATURES			
Fully flexible programmes	4	4	4
Synchronised push button	■	■	■
Synchronised volume control	■	■	■
Smart Start	■	■	■
Phone Now	■	■	■
Comfort Phone	■	■	■
Ear-to-Ear communication	■	■	■
Direct audio streaming (Made for iPhone)	■	■	■
ReSound TV Streamer 2, Remote Control 2, Phone Clip+, Micro Mic, Multi Mic	■	■	■
ReSound Control™ app (Phone Clip+ required)	■	■	■
ReSound Smart 3D™ app	■	■	■
FITTING FEATURES			
ReSound Assist - Remote Fine Tuning	■	■	■
ReSound Assist - Remote Hearing Aid Update	■	■	■
ReSound Smart Fit™ 1.0 or higher	■	■	■
Available gain handles	Max 17	Max 14	Max 12
Datalogging (Onboard Analyzer II)	■	■	■
In Situ Audiometry	■	■	■
Wireless fitting with Airtlink 2/Noahlink wireless	■	■	■

KEY FEATURES

AUDIOLOGICAL FEATURES														
WARP compression - number of channels	17	17	17	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 Soft Switching	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Soft Switching	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Autoscope Adaptive Directionality	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Multiscope Adaptive Directionality	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Adaptive Directionality	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Binaural Environmental Optimizer II	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Environmental Optimizer	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Noise Tracker II	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Expansion	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Wind Guard	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Sound Shaper	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Low Frequency Boost	■	■	■	■	■	■	■	■	■	■	■	■	■	■
DFS Ultra II	■	■	■	■	■	■	■	■	■	■	■	■	■	■
- Music Mode	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Auto DFS	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Acceptance Manager	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Amplification strategy (WDR/Nonlinear/ Linear)	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Tinnitus Sound Generator with Nature Sounds	■	■	■	■	■	■	■	■	■	■	■	■	■	■
FUNCTIONAL FEATURES														
Fully flexible programmes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Push button	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Volume control	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Smart Start	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Phone Now	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Comfort Phone	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Ear-to-Ear communication	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Direct audio streaming (Made for iPhone)	■	■	■	■	■	■	■	■	■	■	■	■	■	■
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														
ReSound Assist - Remote Fine Tuning	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ReSound Assist - Remote Hearing Aid Update	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ReSound Smart Fit™ 1.0 or higher	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Available gain handles	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17	Max 17
Datalogging (Onboard Analyzer II)	■	■	■	■	■	■	■	■	■	■	■	■	■	■
In Situ Audiometry	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Wireless fitting with Airtlink 2/Noahlink wireless	■	■	■	■	■	■	■	■	■	■	■	■	■	■

*Also including functionality for synchronized Push Button Volume Control

□ Basic
■ Advanced
■ Ultimate