

ReSound LiNX 3D™

Product Description

Models 61 and 62 Receiver-in-the-Ear (RIE) hearing aids with 4 selectable receiver power levels: Low (LP), Medium (MP), High (HP) and Ultra (UP).

The ReSound Smart Range C platform enables Surround Sound by ReSound.

This 5th generation, 2.4 GHz wireless product utilizes the Smart Range C platform for secure cloud connectivity, bringing an entirely new level to the relationship between hearing care professionals and their clients, called ReSound Assist. These Made for iPhone hearing aids also feature ear-to-ear communication along with a direct connection to the ReSound Smart 3D app.

ReSound LiNX 3D also supports the full line of ReSound wireless accessories.

The 62 RIE model comes standard with Push Button, Volume Control, Telecoil, and Direct Audio Input (DAI) functionality. The 61 RIE model comes standard with only a Push Button for enhanced cosmetics.

The ReSound LiNX 3D RIE hearing aids are iSolate™ nanotech coated for optimum durability and meet the IP58 classification for ingress protection.



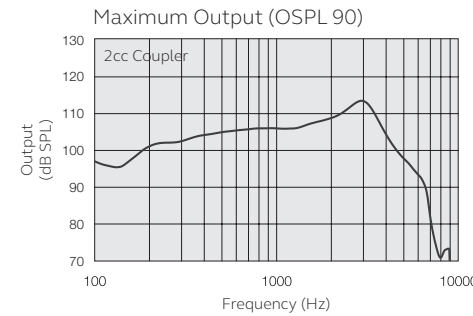
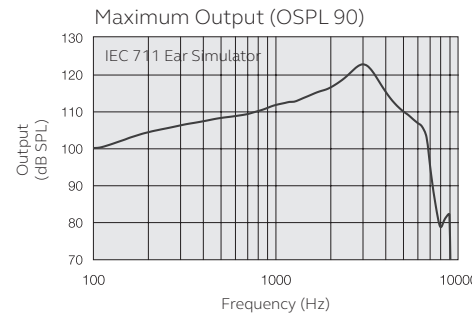
Model	LT962-DRW LT961-DRW LT961-DRWZ	LT762-DRW LT761-DRW LT761-DRWZ	LT562-DRW LT561-DRW LT561-DRWZ
Device Configurations			
Battery size	312 for 61, 13 for 62		
Receiver Power levels	LP, MP, HP & UP		
Colors available	14*		
Audiological Features			
WARP compression (WDRC) - number of channels	17	14	12
Binaural Directionality III	●	-	-
Spatial Sense	●	-	-
Binaural Directionality	-	●	-
Natural Directionality II	●	●	●
Directional Mix Processor	●	●	●
Adjustable directional mix	●	-	-
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	●	●	●
DFS Ultra II	●	●	●
Music Mode	●	●	●
Synchronized Acceptance Manager	●	●	●
Low Frequency Boost (Only UP)	●	●	○
Amplification Strategy (WDRC/Semi-Linear/Linear - Only UP)	●	●	○
Tinnitus Sound Generator	●	●	●
Functional Features			
Synchronized Push Button**	●	●	●
Synchronized 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 and Multi Mic	●	●	●
ReSound Control app (Phone Clip+ is required)	●	●	●
ReSound Smart 3D app	●	●	●
ReSound Assist			
Remote Fine Tuning	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Fitting Software Smart Fit 1.1 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Onboard Analyzer II	●	●	●
Wireless Fitting with Airlink2/ Noahlink Wireless	●	●	●

* LT61-DRWZ is only available in 8 colours.
 ** Also including functionality for synchronized Push Button Volume Control
 *** Only for 62 models

○ Basic
 ● Advanced
 ● Ultimate

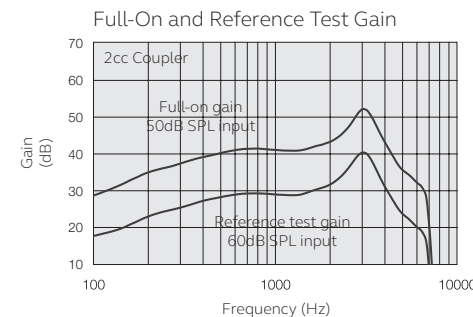
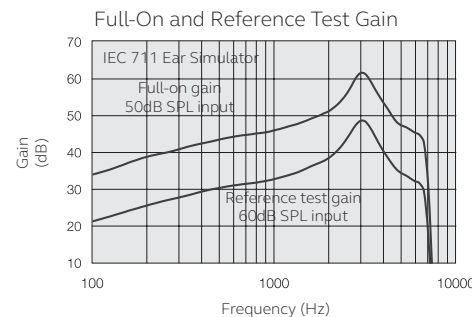
Technical Specifications

		LT61-DRW(Z) and LT62-DRW (LP)		
		IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	36	31	dB
Full-on gain (50 dB SPL input)	Max.	61	52	dB
	1600 Hz/HFA	49	43	
Maximum output (90 dB SPL input)	Max.	123	113	dB SPL
	1600 Hz/HFA	115	108	
Total harmonic distortion	500 Hz	0.5	0.3	%
	800 Hz	1.2	0.5	
	1600 Hz	2.1	0.7	
Telecoil sensitivity (1 mA/m input) (62 model only)	Max.	91		dB SPL
	HFA		90	
HFA - SPLIV @ 31.6 mA/m (ANSI) (62 model only)	Max.			dB SPL
	1600 Hz/HFA	78	71	
Full-on telecoil sensitivity @ 1mA/m (62 model only)				
Equivalent input noise		25	23	dB SPL
Frequency range (DIN 45605/ANSI)		100-7130	100-7060	Hz
Current drain		1.3	1.3	mA

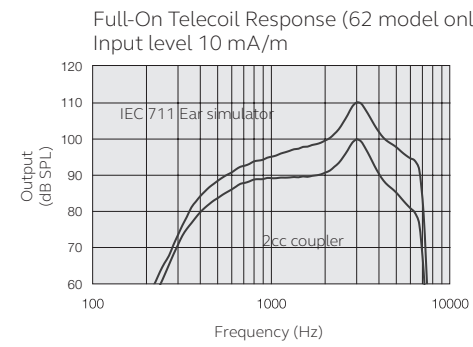
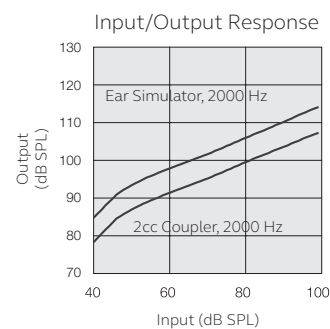


Notes:
 O.E.S. = Occluded Ear Simulator
 2cc = 2 cm³ coupler

Basic settings:
 Full-on Gain, Reference Test Gain
 MPO = Maximum Power Output
 Maximum Band Width



Measured according to IEC 60118-0, Edition 3 2015-06 at 1.3V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC 60318-5 2006. Response on 2cc according to IEC 60118-7 2nd edition, 2005-10 and ANSI S3.22-2009 (HFA average calculated at 1,000Hz, 1,600Hz, and 2,500Hz); 0 dB SPL sound pressure equals 20µPa). All measurements without DSP and features activated unless indicated otherwise.

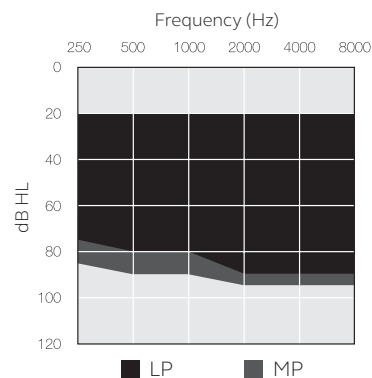


Patents pending

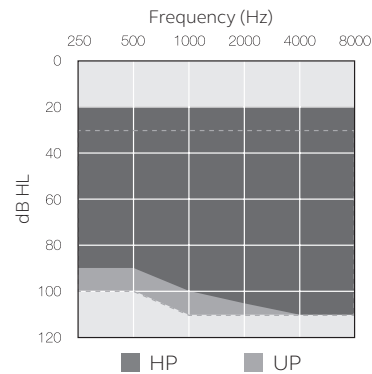
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Fitting Range - Closed



Fitting Range - Closed



ReSound LiNX 3D is compatible with iPhone 7 Plus, iPhone 7, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone SE, iPhone 5s, iPhone 5c, iPhone 5, iPad Pro (12.9-inch), iPad Pro (9.7-inch), iPad Air 2, iPad Air, iPad mini 4, iPad mini 3, iPad mini 2, iPad mini, iPad (5th generation), iPad (4th generation), iPad touch (6th generation) and iPod touch (5th generation) using iOS 8.X or later.

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Technical Specifications

LT61-DRW(Z) and LT62-DRW (MP)

		IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	43	37	dB
Full-on gain (50 dB SPL input)	Max.	67	58	dB
	1600 Hz/HFA	56	51	
Maximum output (90 dB SPL input)	Max.	125	116	dB SPL
	1600 Hz/HFA	121	114	
Total harmonic distortion	500 Hz	0.7	0.5	%
	800 Hz	1.1	0.6	
	1600 Hz	1.3	1.2	
Telecoil sensitivity (1 mA/m input) (62 model only)	Max.	97		dB SPL
	HFA		96	
	1600 Hz/HFA	85	79	
Equivalent input noise		24	23	dB SPL
Frequency range (DIN 45605/ANSI)		100-7130	100-7000	Hz
Current drain		1.3	1.3	mA

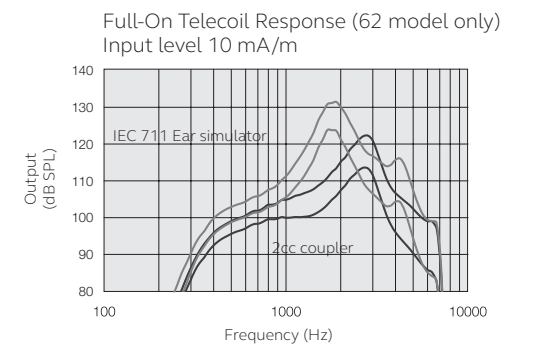
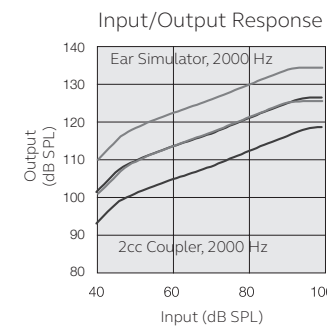
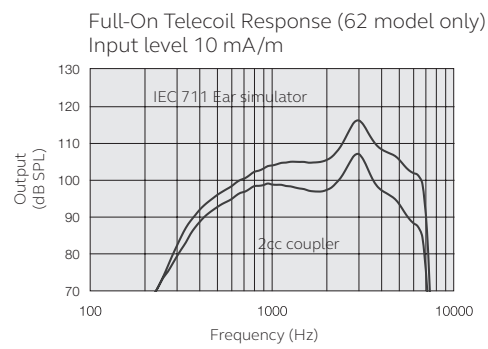
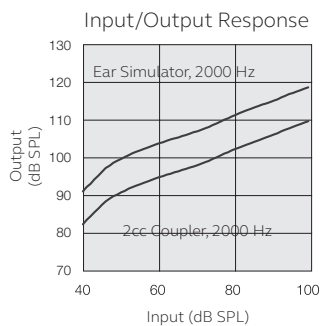
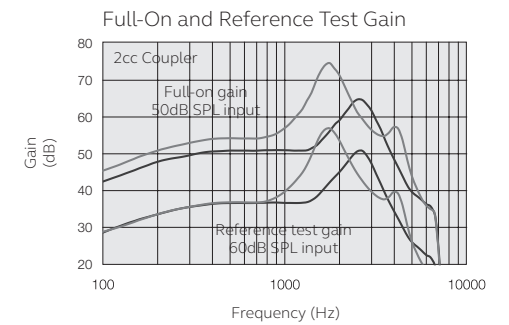
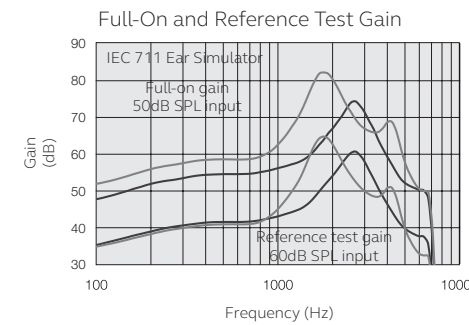
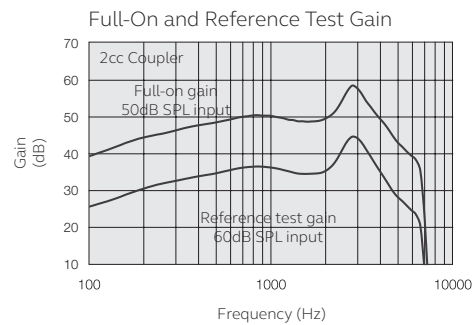
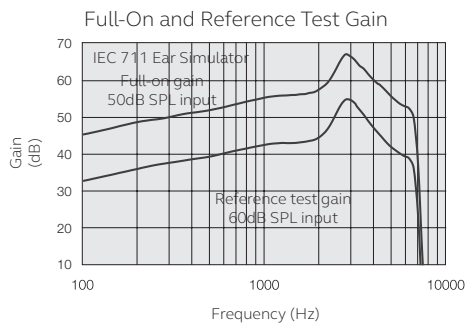
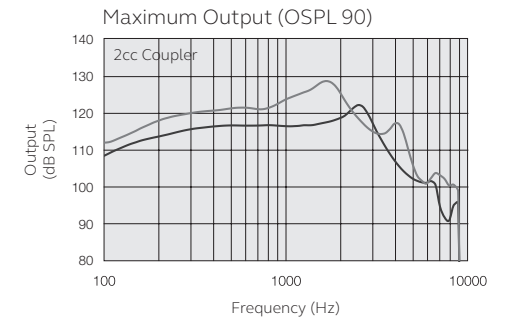
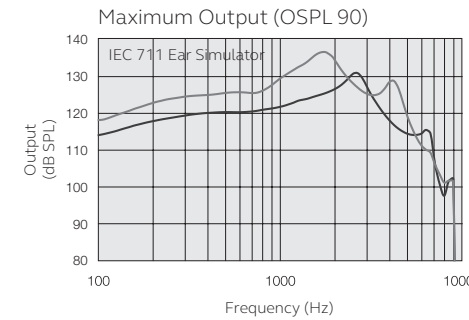
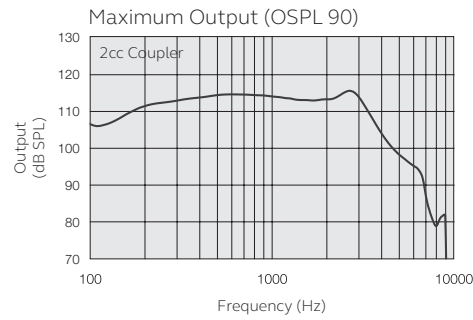
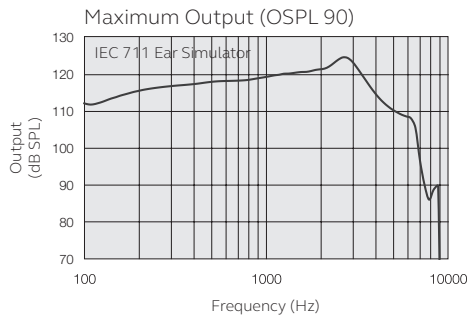
Technical Specifications

LT61-DRW(Z) and LT62-DRW (HP) / LT61-DRW(Z) and LT62-DRW (UP)

		IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	48	42	62	47	dB
Full-on gain (50 dB SPL input)	Max.	74	65	82	75	dB
	1600 Hz/HFA	61	56	80	64	
Maximum output (90 dB SPL input)	Max.	131	122	137	129	dB SPL
	1600 Hz/HFA	125	118	136	124	
Total harmonic distortion	500 Hz	1.0	0.6	2.4	1.3	%
	800 Hz	2.5	1.2	3.2	2.1	
	1600 Hz	0.8	0.7	0.2	0.1	
Telecoil sensitivity (1 mA/m input) (62 model only)	Max.	103		112		dB SPL
	HFA		101		107	
	1600 Hz/HFA	89	85	110	94	
Equivalent input noise		25	23	24	23	dB SPL
Frequency range (DIN 45605/ANSI)		100-6960	100-6030	1120-4510	100-4910	Hz
Current drain		1.3	1.3	1.3	1.2	mA

Patents pending

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■ HP
■ UP