

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 patients, 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.



LT61-DRW

LT62-DRW

Model	LT962-DRW LT961-DRW	LT762-DRW LT761-DRW	LT562-DRW LT561-DRW
Device Configurations			
Battery size	312 for 61, 13 for 62		
Receiver Power Levels	LP, MP, HP & UP		
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 Hearing Aid Updates	●	●	●
Fitting Features			
ReSound Smart Fit™ 1.0 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Datalogging (Onboard Analyzer II)	●	●	●
Wireless Fitting with Airlink™2/ Noahlink Wireless	●	●	●

○ Basic

⊙ Advanced

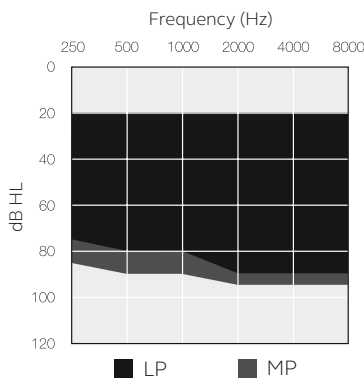
● Ultimate

Patents pending

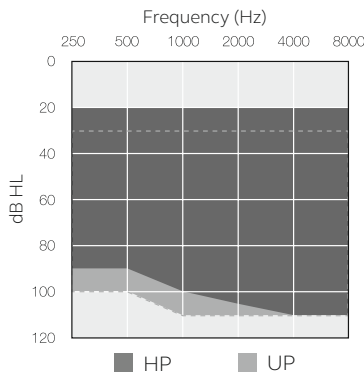
All specifications are subject to change without notice

400626011US-17.02-Rev.C

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 (4th generation), iPod touch (6th generation) and iPod touch (5th generation) using iOS 8.X or later. Apple, the Apple logo, iPhone, iPad Pro, iPad Air, iPad mini, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc.



Technical Specifications

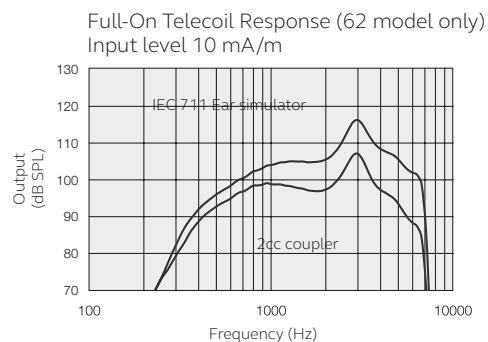
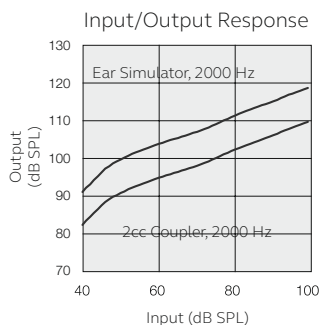
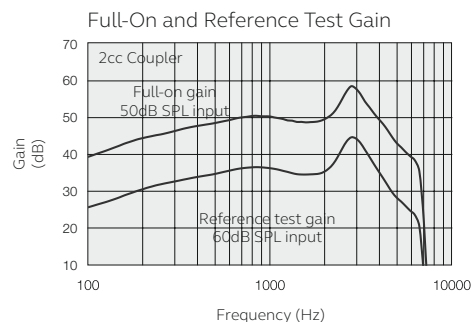
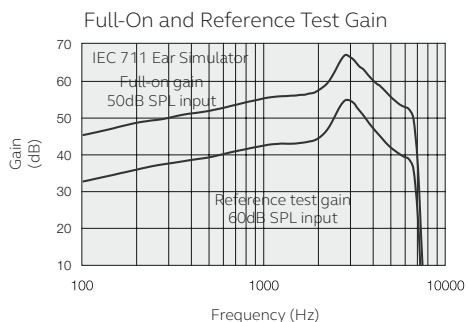
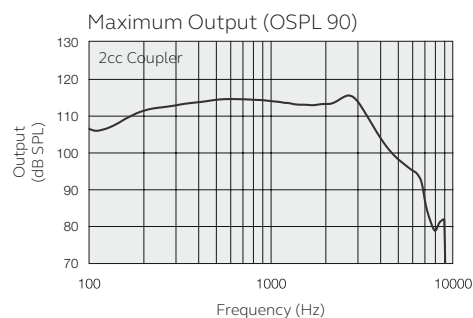
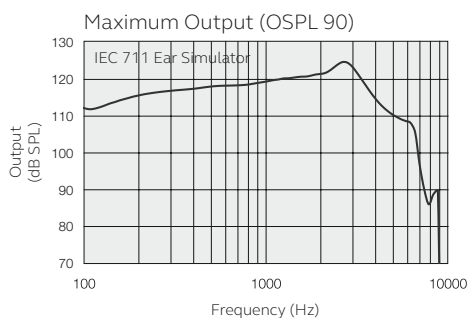
LT61-DRW and LT62-DRW (MP)

		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. 1600 Hz/HFA	67 56	58 51	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	125 121	116 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.7 1.1 1.3	0.5 0.6 1.2	%
Telecoil sensitivity (1 mA/m input) (62 model only)	Max.	97		dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI) (62 model only)	HFA		96	
Full-on telecoil sensitivity @ 1mA/m (62 model only)	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

Data in accordance with IEC60118-0 Edition3.0
2015-06, IEC60118-7 and ANSI S3.22-2009, supply
Voltage 1.3V

Patents pending

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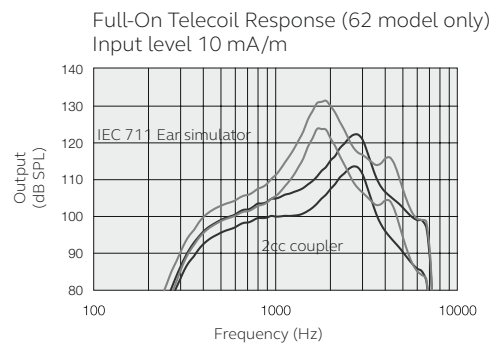
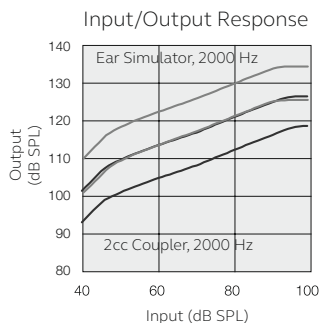
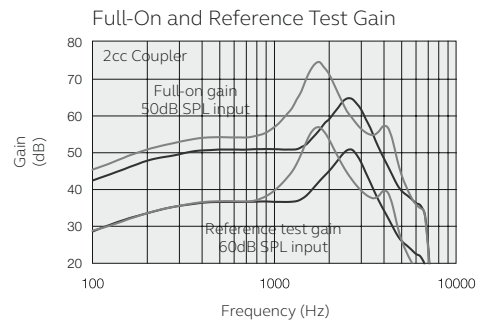
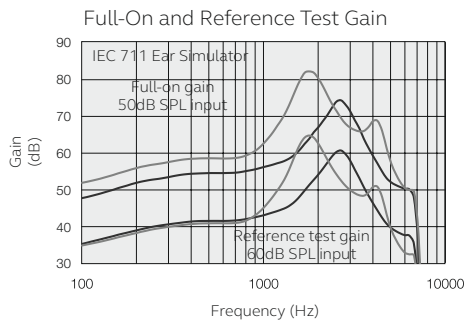
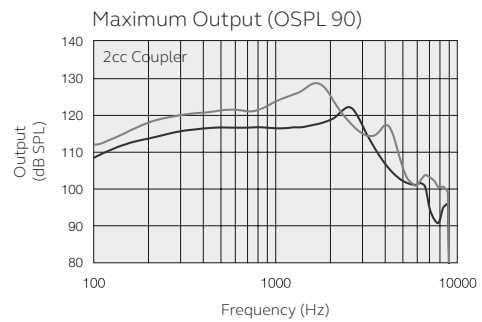
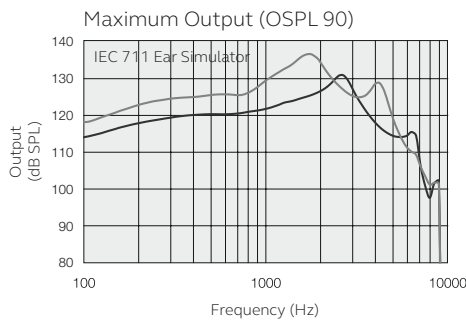
Technical Specifications

		LT61-DRW and LT62-DRW (HP)		LT61-DRW 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. 1600 Hz/HFA	74 61	65 56	82 80	75 64	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	131 125	122 118	137 136	129 124	dB SPL
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 - SPLIV @ 31.6 mA/m (ANSI) (62 model only)	HFA		101		107	
Full-on telecoil sensitivity @ 1mA/m (62 model only)	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

Data in accordance with IEC60118-0 Edition:3.0
2015-06, IEC60118-7 and ANSI S3.22-2009, supply
Voltage 1.3V

Patents pending

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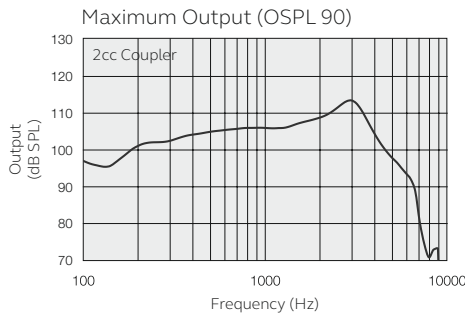
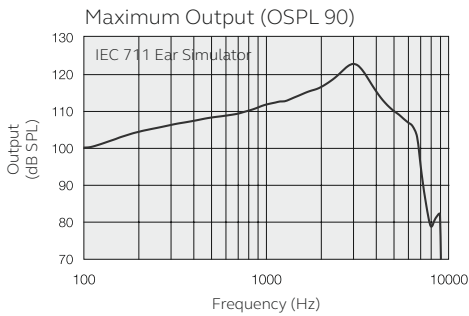
■ HP
■ UP

Technical Specifications

LT61-DRW and LT62-DRW (LP)

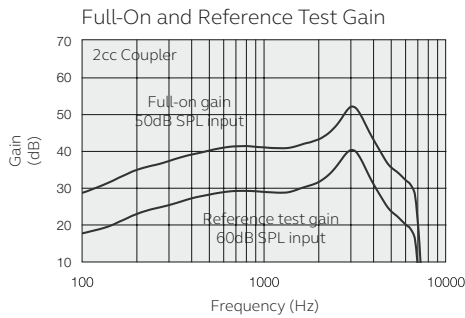
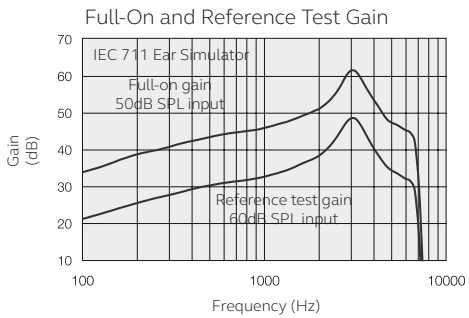
		IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	36	31	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	61 49	52 43	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	123 115	113 108	dB SPL
Total harmonic distortion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

Data in accordance with IEC60118-0 Edition3.0
2015-06, IEC60118-7 and ANSI S3.22-2009, supply
Voltage 1.3V

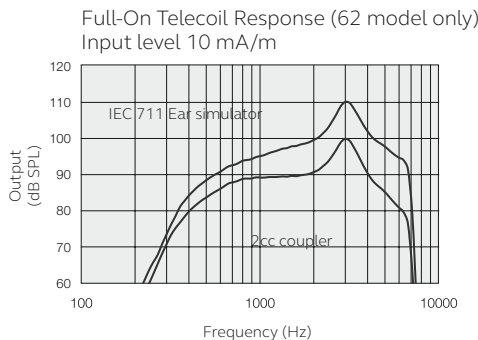
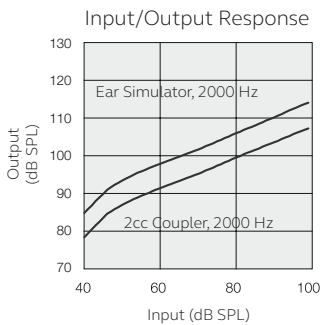


Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ coupler
Pi = Acoustic input signal

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



Measured according to IEC60118-0 Edition3.0 2015-06 at 1.3 V, impedance 6.2 ohms and 23°C on 2cc coupler. Resp. on 2cc according to IEC60118-7 Second edition 2005-10 and ANSI/ASA S3.22-2009 (HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dB SPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise
Measurement on O.E.S according to IEC711 1981 According to IEC60118-0 Edition 2 1983 and amendment 1 1994 .



Manufacturer according to FDA:

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