

ReSound LiNX Quattro™



Product Description

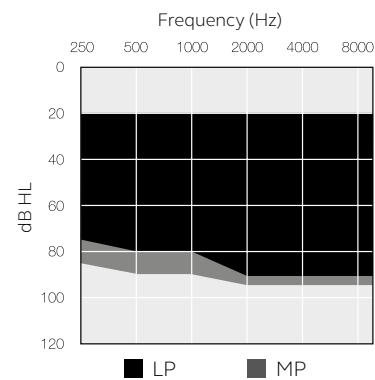
Based on a new platform, ReSound LiNX Quattro hearing aids feature an extended bandwidth of up to 9.5 KHz and a higher input dynamic range of up to 116 dB SPL. Combined with our renowned ReSound audiological heritage, including Binaural directionality III and Spatial Sense, ReSound LiNX Quattro provides more of the finer sound details for a clearer, fuller and richer sound experience.

ReSound LiNX Quattro is a 6th generation, 2.4 GHz wireless hearing aid. With ReSound Assist and the ReSound Smart 3D app, hearing care professionals can provide remote fine-tuning services for their clients.

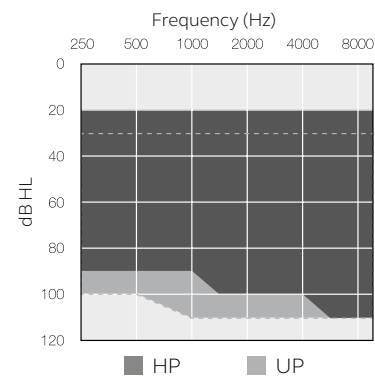
Models 61 and 62 Receiver-in-the-Ear (RIE) hearing aids are available with 4 selectable receiver power levels: Low (LP), Medium (MP), High (HP) and Ultra (UP). Model 61 comes with a portable hearing aid charger featuring a built-in battery pack and easy USB connectivity.

ReSound LiNX Quattro also supports the full line of ReSound wireless accessories, which also utilizes the extended bandwidth. The ReSound LiNX Quattro RIE hearing aids are iSolate™ nanotech coated for optimum durability, and meet the IP58 classification for ingress protection.

Fitting Range - Closed



Fitting Range - Closed



Model	RE961-DRWC RE962-DRW	RE761-DRWC RE762-DRW
Device Configurations		
Battery size	Rechargeable Lithium-Ion for model 61 13 Zinc-Air for model 62	
Receiver Power levels	LP, MP, HP & UP	
Colors available	14	
Audiological Features		
WARP compression (WDRC) - number of channels	17	14
Binaural Directionality III	●	-
Spatial Sense	●	-
Binaural Directionality	-	●
Natural Directionality II	●	●
Directional Mix Processor	●	●
Adjustable directional mix	●	-
Synchronized Soft Switching	●	●
Autoscope Adaptive Directionality	●	-
Multiscope Adaptive Directionality	-	●
Binaural Environmental Optimizer II	●	-
Environmental Optimizer	-	●
Noise Tracker II	●	⊙
Expansion	●	⊙
Impulse Noise Reduction	●	●
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 ReSound Smart Fit™ 1.3 or higher	●	●
Fully Flexible Programs	4	4
Auto DFS	●	●
Onboard Analyzer II	●	●
Noahlink Wireless	●	●

● Advanced

● Ultimate

* Also including functionality for synchronized Push Button Volume Control
** Only for 62 models

ReSound LiNX Quattro™

Charging case

The ReSound LiNX Quattro hearing aid charger is an expertly-design portable charging case designed for the RIE 61 DRWC.

It provides the user with a complete rechargeable solution, and is sleek and compact for easy transport and discreet use.

- It charges two hearing aids fully within 3 hours
- It is intuitive, with 5 LED lights that display the battery level of the hearing aids and 3 LED lights on the back that display the power remaining on the charger
- The charging case has capacity for 3 full hearing aid charges after a full charge



Charging cable

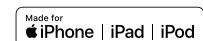


AC/DC Adaptor



Charger

Technical data	
Dimensions	99.4 x 35 x 67.5 mm / 3,9 x 1.4 x 2.7"
Weight	145 gram / 5.1 oz
Power Supply	Rechargeable Lithium Ion battery
Power Connector	Micro USB
Power Source	3.7 V, 2200 mAh
Charging time for internal lithium ion battery in Charger	Max 3 hours, depending on initial state of the battery
Battery life (fully charged, not connected to mains power)	"Min. 3 full charges of 2 hearing instruments, Without hearing instruments: 12 months"
Charging time for Hearing Instrument	Maximum 3 hours, depending on initial state of the battery
Wireless frequency between Hearing Instrument and Charger	2.4 GHz, 267 kHz and 333 kHz
ESD tolerance	According IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	0 to 40 °C / 32 to 104 °F
Storage temperature for charger and Hearing Instrument	-20 to 45 °C / -4 to 113 °F



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Technical Specifications

		RE61-DRWC (LP) and RE62-DRW (LP)		RE61-DRWC (MP) and RE62-DRW (MP)		
		IEC 60118-0:1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0:1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	41	32	45	36	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	62 55	52 46	67 57	58 50	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	123 117	113 109	125 120	116 113	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.9 1.3 0.8	0.5 0.8 0.5	0.4 0.9 0.8	0.3 0.4 0.7	%
Equivalent input noise, w/o Noise reduction		22	21	25	24	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	9	10	11	dB SPL
Frequency range IEC 60118-0: 2015		100-9520*	100-9060	100-9500*	100-9000	Hz
Expected operating time (model 61)**		30	30	30	30	Hours
Current Drain (Quiescent / Operating) (Model 62)		1.13/1.19	1.13/1.28	1.13/1.16	1.13/1.19	mA

* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.

** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

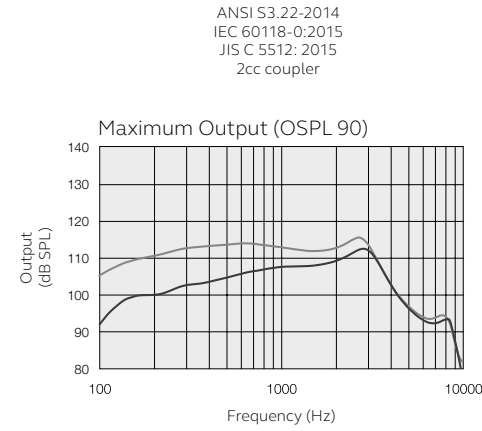
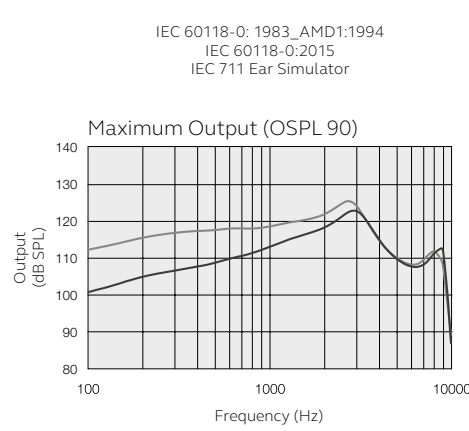
Technical Specifications

		RE61-DRWC (HP) and RE62-DRW (HP)		RE61-DRWC (UP) and RE62-DRW (UP)		
		IEC 60118-0:1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0:1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	49	40	61	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	74 65	65 57	82 79	75 65	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	129 124	120 117	136 136	128 124	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.6 1.5 0.6	0.3 0.7 0.5	1.2 2.2 0.1	1.0 1.6 0.1	%
Equivalent input noise, w/o Noise reduction		24	22	17	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	10	10	9	dB SPL
Frequency range IEC 60118-0: 2015		100-7600*	100-6750	100-5270*	100-4920	Hz
Expected operating time (model 61)**		30	30	30	30	Hours
Current Drain (Quiescent / Operating) (Model 62)		1.13/1.16	1.13/1.18	1.14/1.29	1.14/1.21	mA

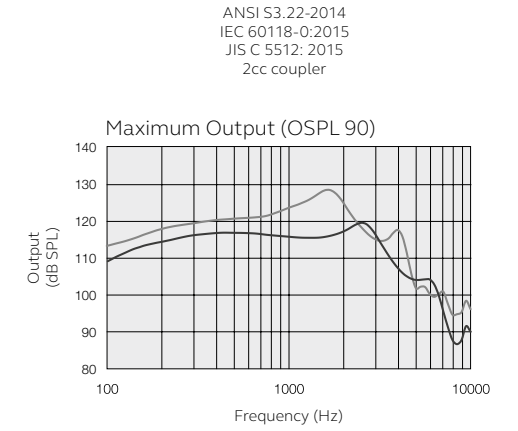
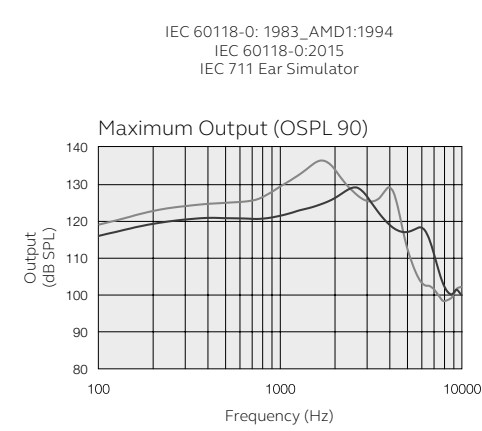
* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.

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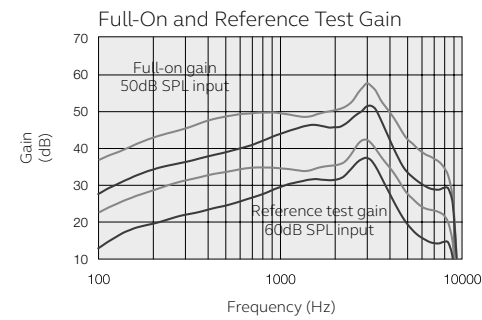
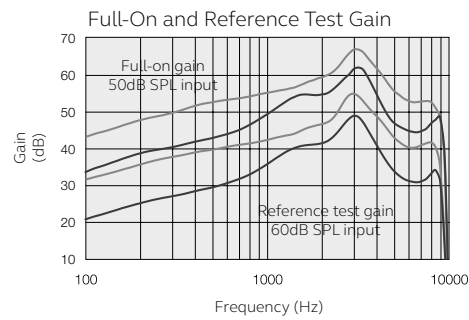
Patents pending



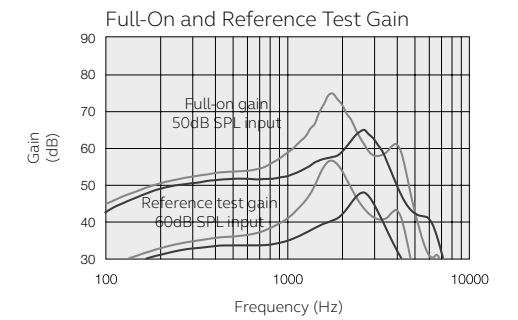
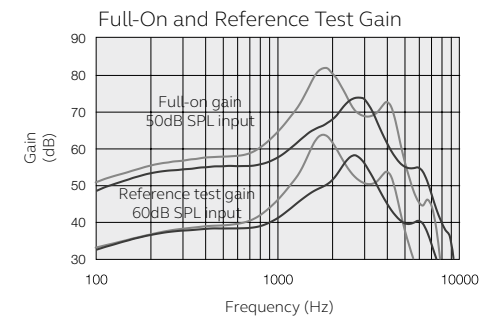
Patents pending



All specifications are subject to change without notice



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■ LP
■ MP

■ HP
■ UP