

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. Direct audio streaming from iOS and Android™* devices is available for ReSound LiNX Quattro hearing aids. 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-DRWC comes with a portable hearing aid charger featuring a built-in battery pack and easy USB connectivity. Telecoil is available in the 62-DRWT-models.

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 IP68 classification for ingress protection.

*Compatible from Android version 10 and Bluetooth® 5.0 with the Android streaming to hearing aids feature.



RE61-DRW RE61-DRWC RE62-DRW/RE62-DRWT

Model	RE961-DRW RE961-DRWC RE962-DRW RE962-DRWT	RE761-DRW RE761-DRWC RE762-DRW RE762-DRWT	RE561-DRW RE561-DRWC RE562-DRW RE562-DRWT
Device Configurations			
Battery size 61-DRW:	312 Zinc-Air		
Battery size 61-DRWC:	Rechargeable Lithium-Ion		
Battery size 62-DRW/62-DRWT:	13 Zinc-Air		
Receiver Power levels	LP, MP, HP & UP		
Colours 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	●	-	-
Synchronised Soft Switching	●	●	-
Soft Switching	●	●	●
Autoscope Adaptive Directionality	●	-	-
Multiscope Adaptive Directionality	-	●	-
Adaptive Directionality	-	-	●
Binaural Environmental Optimiser II	●	-	-
Environmental Optimiser	-	●	-
Noise Tracker II	●	○	○
Expansion	●	○	○
Impulse Noise Reduction	●	●	-
Wind Guard	●	○	○
Sound Shaper	●	●	●
DFS Ultra II	●	●	●
Music Mode	●	●	●
Synchronised Acceptance Manager	●	●	●
Low Frequency Boost (Only UP)	●	○	○
Amplification Strategy (WDRC/Semi-Linear/Linear - Only UP)	●	●	○
Tinnitus Sound Generator	●	●	●
Functional Features			
Synchronised Push Button*	●	●	●
Synchronised Volume Control**	●	●	●
Smart Start	●	●	●
Phone Now	●	●	●
Comfort Phone	●	●	●
Ear to Ear Communication	●	●	●
Direct audio streaming	●	●	●
ReSound TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
ReSound Smart 3D™ app	●	●	●
ReSound Assist			
Remote Fine Tuning	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
ReSound Smart Fit™ 1.6 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Onboard Analyser II	●	●	●
Noahlink Wireless	●	●	●

○ Basic

● Advanced

● Ultimate

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

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, 2600 mAh
Charging time for internal lithium ion battery in Charger	Max 3,5 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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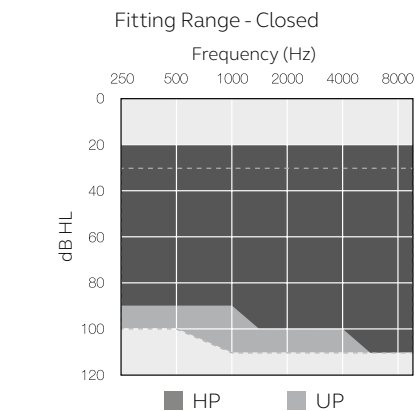
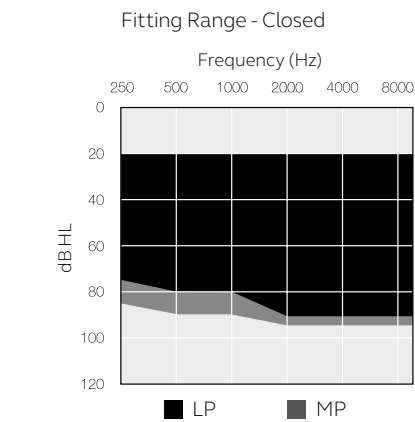
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Technical Specifications

		LP		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	%
Telecoil sensitivity (1 mA/m input)*	Max. HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	93 100 86	82 91 76	97 106 89	86 96 81	dB SPL
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-DRWC)***		30	30	30	30	Hours
Current Drain (Quiescent / Operating) (Model 61-DRW, 62-DRW, 62-DRWT)		1.13/1.19	1.13/1.28	1.13/1.16	1.13/1.19	mA

* Telecoil is only for the RE962-DRWT, RE762-DRWT, RE562-DRWT.
 ** 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

		HP		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	%
Telecoil sensitivity (1 mA/m input)*	Max. HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	105 110 97	95 100 89	113 115 111	105 108 96	dB SPL
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	130-5270**	130-4920	Hz
Expected operating time (model 61-DRWC)***		30	30	30	30	Hours
Current Drain (Quiescent / Operating) (Model 61-DRW, 62-DRW, 62-DRWT)		1.13/1.16	1.13/1.18	1.14/1.29	1.14/1.21	mA

* Telecoil is only for the RE962-DRWT, RE762-DRWT, RE562-DRWT.
 ** 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.

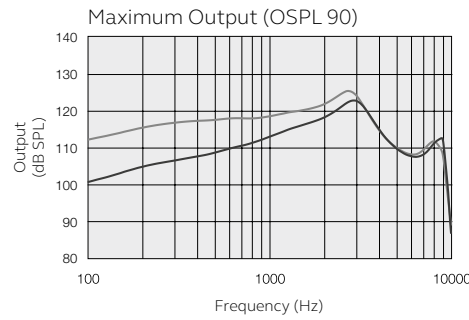
Patents pending

All specifications are subject to change without notice

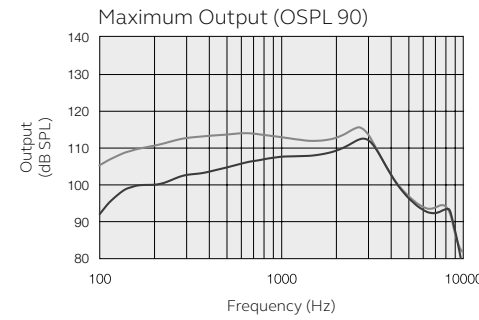
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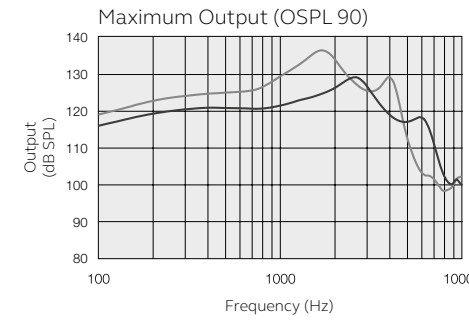
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator



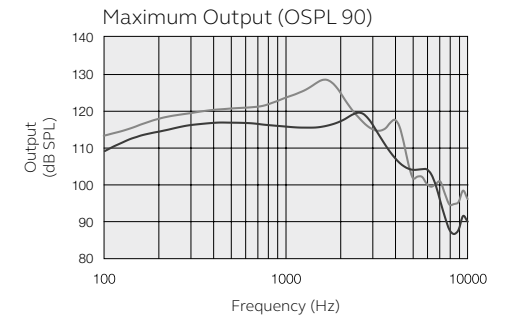
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler



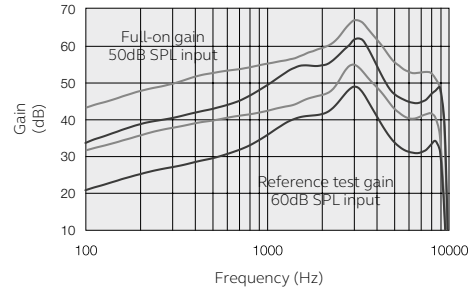
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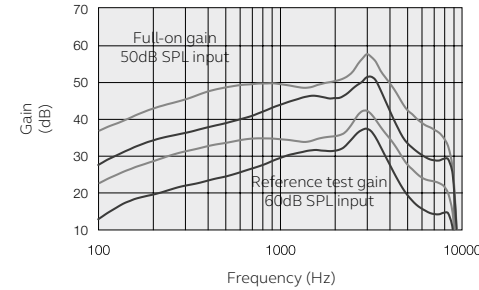
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IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler



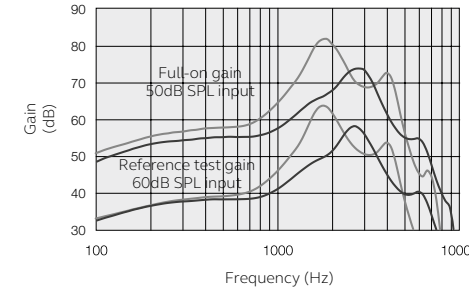
Full-On and Reference Test Gain



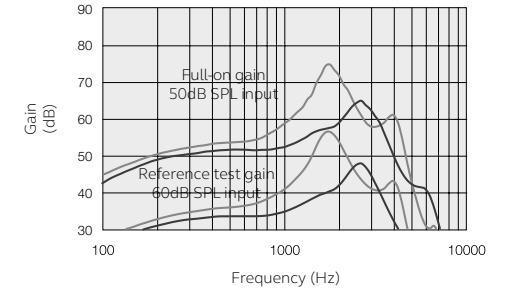
Full-On and Reference Test Gain



Full-On and Reference Test Gain

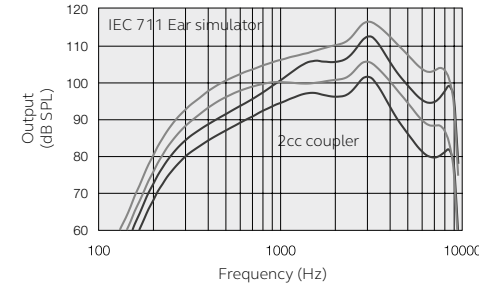


Full-On and Reference Test Gain



■ LP
■ MP

Full-On Telecoil Response
Input level 10 mA/m



■ HP
■ UP

Full-On Telecoil Response
Input level 10 mA/m

