

ReSound LiNX Quattro™

ReSound GN



Product Description

Based on our most advanced chip platform, the ReSound LiNX Quattro hearing aids features 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, the solution provides more of the finer sound details for a clearer, fuller and richer sound experience.

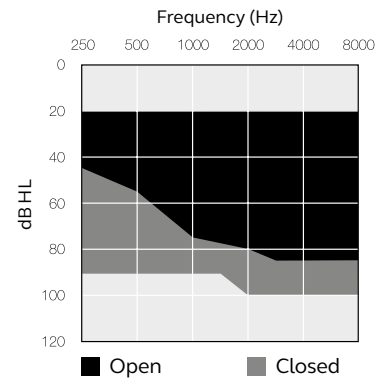
ReSound LiNX Quattro is a 6th generation, 2.4 GHz wireless hearing aid that offers direct audio streaming from iOS and Android™* devices. With ReSound Assist and the ReSound Smart 3D™ app, you can provide remote fine-tuning services for your clients.

The Behind-the-Ear (BTE) model 77 hearing aid is available with a thin tube and a hook, and it comes with telecoil and Direct Audio Input (DAI) functionality as standard. It also supports the full line of ReSound wireless accessories.

ReSound LiNX Quattro BTE 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.

Fitting Range

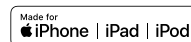


Model	RE977-DWT	RE777-DWT	RE577-DWT
Device Configurations			
Battery size	13		
Colours available	14		
Audiological Features			
WARP compression (WDRC) - number of channels	17	14	12
Binaural Directionality III	●	-	-
Spatial Sense	●	-	-
Binaural Directionality	-	●	-
Natural Directionality II	●	●	●
Directional 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	●	●	●
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	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●

○ Basic

● Advanced

● Ultimate



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CVR no. 55082715

Technical Specifications

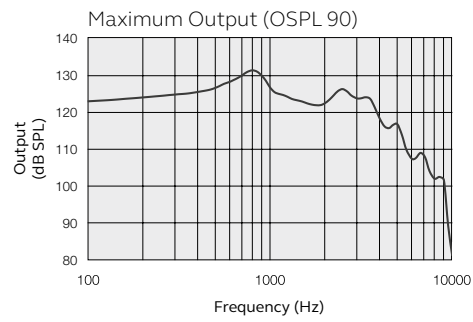
RE77-DWT (Thin tube)

		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	45	40	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	63 55	52 49	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	131 122	128 117	dB SPL
Total harmonic distortion	500 Hz	0.7	0.5	%
	800 Hz	0.2	0.1	
	1600 Hz	0.8	0.6	
	3200 Hz	-	0.2	
Telecoil sensitivity (1 mA/m input)	Max.	92	83	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	107	101	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	86	79	
Equivalent input noise, w/o Noise reduction		25	22	dB SPL
N1/3 Octave Equivalent input noise, w/o Noise reduction		10	10	dB SPL
Frequency range IEC 60118-0: 2015		100-9110*	100-7170	Hz
Current Drain (Quiescent / Operating)		1.18/1.22	1.18/1.2	mA

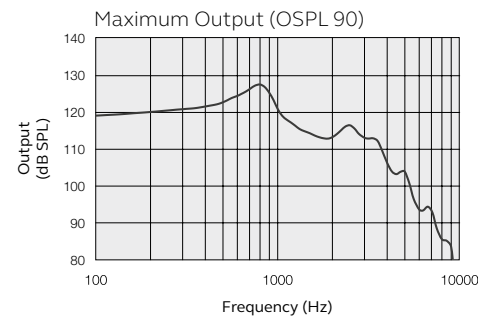
Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

* Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

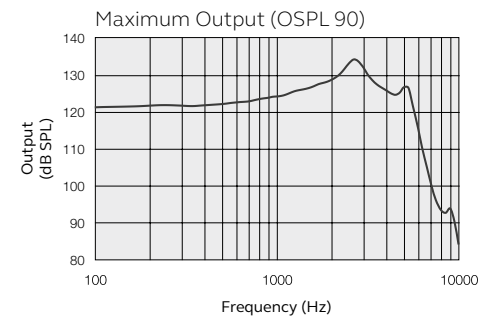
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator



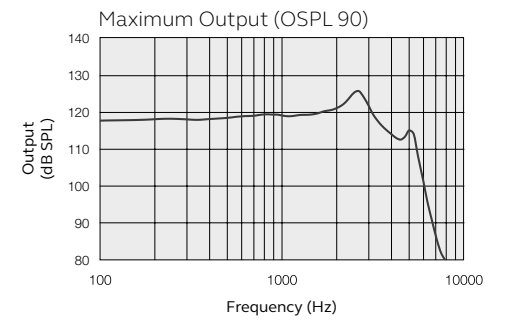
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler



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



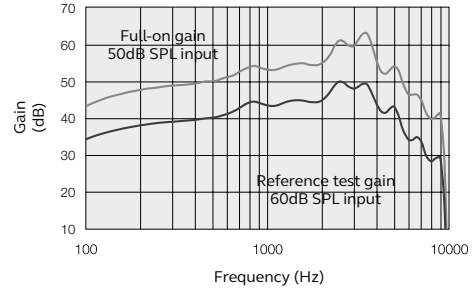
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler



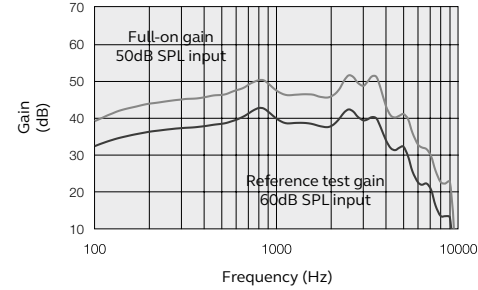
Patents pending

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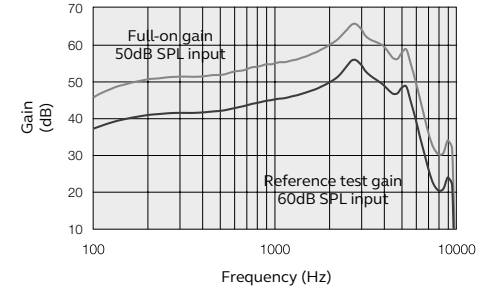
Full-On and Reference Test Gain



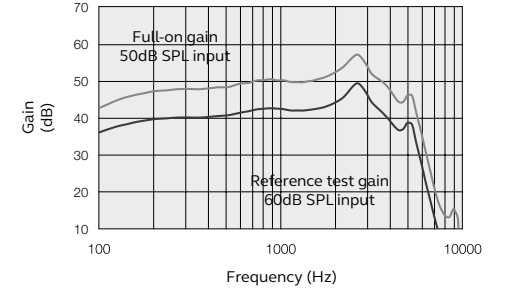
Full-On and Reference Test Gain



Full-On and Reference Test Gain



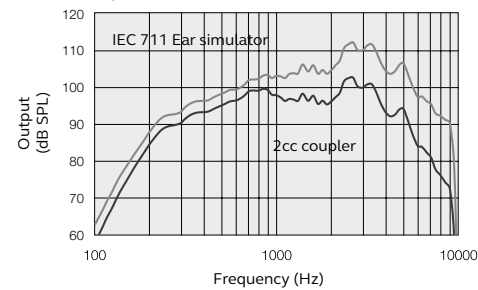
Full-On and Reference Test Gain



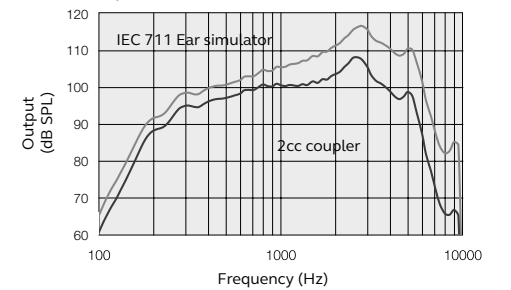
All specifications are subject to change without notice

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Full-On Telecoil Response
Input level 10 mA/m



Full-On Telecoil Response
Input level 10 mA/m



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

Technical Specifications

RE77-DWT (Closed)

		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	45	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	66 58	57 52	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	134 127	126 122	dB SPL
Total harmonic distortion	500 Hz	0.9	0.7	%
	800 Hz	1.2	0.9	
	1600 Hz	1.0	0.6	
	3200 Hz	-	0.2	
Telecoil sensitivity (1 mA/m input)	Max.	96	88	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	110	105	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	88	83	
Equivalent input noise, w/o Noise reduction		24	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		10	11	dB SPL
Frequency range IEC 60118-0: 2015		100-6790*	100-6170	Hz
Current Drain (Quiescent / Operating)		1.2/1.23	1.2/1.29	mA

* Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.