

ReSound LiNX Quattro™

ReSound GN



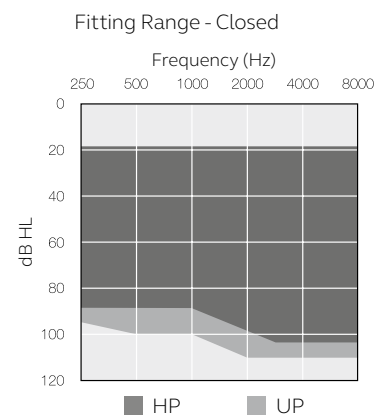
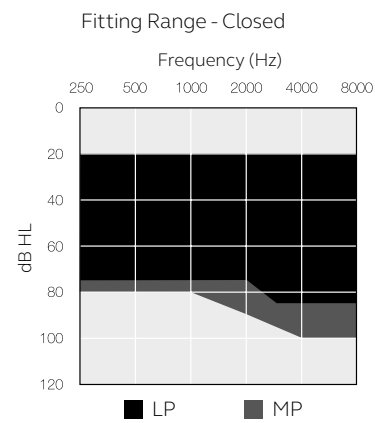
Product Description

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. 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. Completely-In the-Canal (CIC) hearing aids are available with 4 selectable receiver power levels: Low (LP), Medium (MP), High (HP) and Ultra (UP).

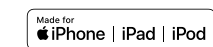
ReSound LiNX Quattro also supports the full line of ReSound wireless accessories, which also utilizes the extended bandwidth.

The ReSound LiNX Quattro CIC hearing aid components and faceplates are iSolate™ nanotech coated for optimum durability.



Model	RE9-CIC-W	RE7-CIC-W	RE5-CIC-W
Device Configurations			
Battery	10A		
Power Levels	LP, MP, HP & UP		
Audiological Features			
WARP compression (WDRC) - number of channels	17	14	12
Binaural Environmental Optimizer II	●	-	-
Environmental Optimizer	-	●	-
Noise Tracker II	●	⊙	○
Expansion	●	⊙	○
Impulse Noise Reduction	●	●	-
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 *	●	●	●
Smart Start	●	●	●
Phone Now	●	●	●
Comfort Phone	●	●	●
Ear to Ear Communication	●	●	●
Direct audio streaming (Made for Apple)	●	●	●
ReSound TV Streamer 2, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
ReSound Smart 3D™ app	●	●	●
Fitting Features			
Fitting Software ReSound Smart Fit™ 1.5 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Onboard Analyzer II	●	●	●
Noahlink Wireless	●	●	●

○ Basic
⊙ Advanced
● Ultimate



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Manufacturer according to FDA:

GN ReSound North America
8001 E Bloomington Freeway
Bloomington, MN 55420
USA
1-888-735-4327
resound.com

ReSound Government Services
8001 E Bloomington Freeway
Bloomington, MN 55420
USA
1-800-392-9932
resound.com/veterans

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	33	32	40	37	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	49 43	40 37	59 51	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	124 117	114 109	128 121	118 114	dB SPL
Total harmonic distortion	500 Hz	0.5	0.4	0.7	0.8	%
	800 Hz	0.5	0.5	1.1	0.9	
	1600 Hz	0.5	0.7	0.8	1.0	
	3200 Hz	-	0.1	-	0.3	
Equivalent input noise, w/o Noise reduction		22	22	25	24	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	11	11	dB SPL
Frequency range IEC 60118-0: 2015		100-9500	100-9020	100-9210	100-8170	Hz
Current Drain (Quiescent / Operating)		1.12/1.14	1.12/1.22	1.10/1.13	1.10/1.30	mA

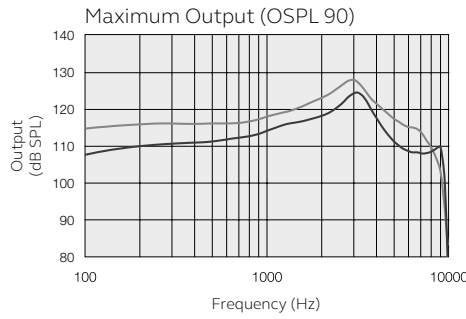
Data in accordance with IEC60118-0 Edition 3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply voltage 1.3V

Technical Specifications

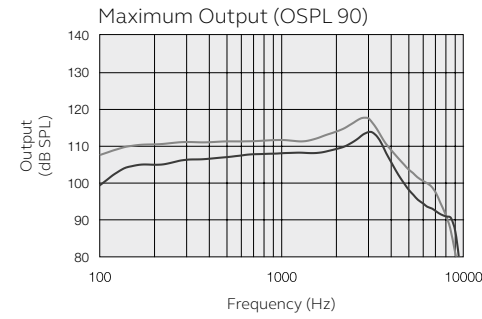
		HP		UP		
		IEC 60118-0:1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0:1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	47	42	58	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	69 58	60 53	76 71	68 62	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	130 125	120 118	135 135	128 124	dB SPL
Total harmonic distortion	500 Hz	0.5	0.4	0.6	0.6	%
	800 Hz	1.0	0.8	1.1	0.7	
	1600 Hz	0.8	0.3	0.2	0.2	
	3200 Hz	-	0.2	-	0.1	
Equivalent input noise, w/o Noise reduction		25	23	19	21	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	11	11	12	12	dB SPL
Frequency range IEC 60118-0: 2015		100-7370	100-6790	100-7180	100-4820	Hz
Current Drain (Quiescent / Operating)		1.17/1.20	1.17/1.24	1.11/1.17	1.11/1.16	mA

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

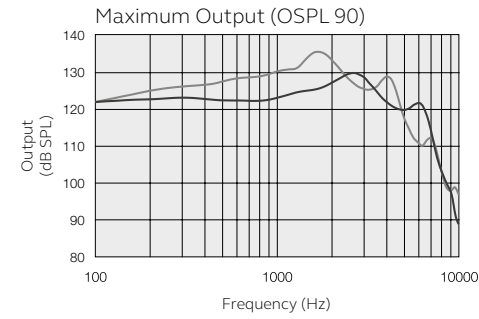
IEC 60118-0: 1983_AMD1:1994
IEC 60118-0:2015
IEC 711 Ear Simulator



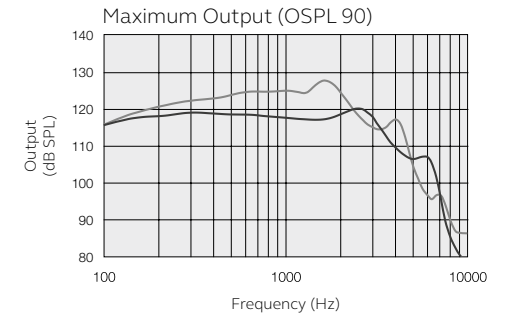
ANSI S3.22-2014
IEC 60118-0:2015
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2cc coupler



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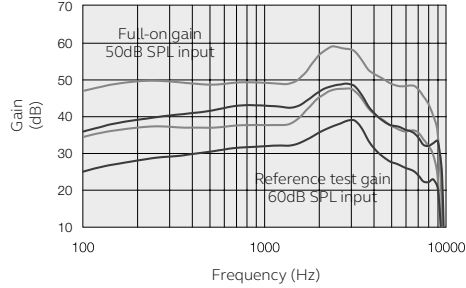
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler



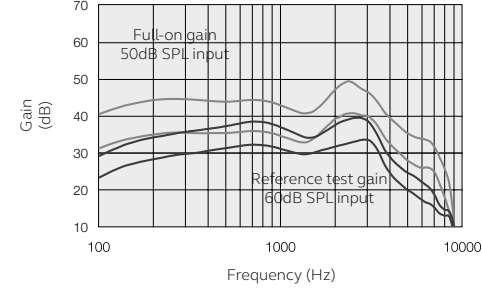
Patents pending

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Full-On and Reference Test Gain

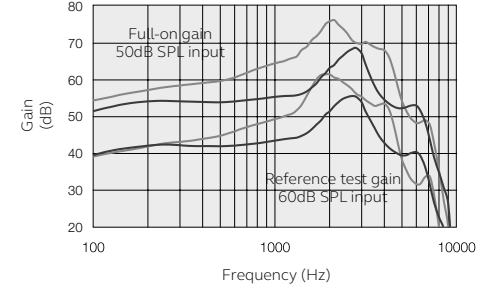


Full-On and Reference Test Gain

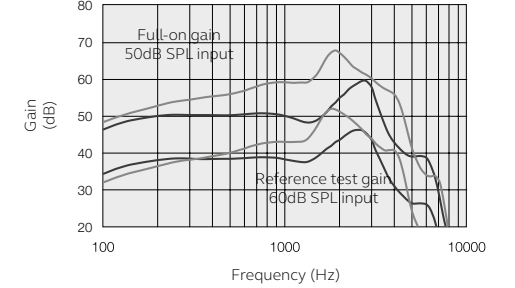


■ LP
■ MP

Full-On and Reference Test Gain



Full-On and Reference Test Gain



■ HP
■ UP

All specifications are subject to change without notice

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