

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. ReSound LiNX Quattro provides more of the finer sound details for a clearer, fuller and richer sound experience.

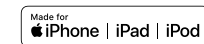
ReSound LiNX Quattro is a 6th generation, 2.4 GHz wireless hearing aid. With ReSound Assist and the ReSound Smart 3D app, hearing care professionals can provide remote fine-tuning services for their clients.

Microphone-In-Helix (MIH) hearing aids are available with 3 selectable receiver power levels: 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 MIH hearing aid components and faceplates are iSolate™ nanotech coated for optimum durability.

Model	RE9-MIH-W	RE7-MIH-W	RE5-MIH-W
Device Configurations			
Battery	312/13		
Power levels	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 *	●	●	●
Synchronized Volume Control	●	●	●
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	●	●	●
ReSound Assist			
Remote Fine Tuning	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Fitting Software ReSound Smart Fit™ 1.5 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Onboard Analyzer II	●	●	●
Noahlink Wireless	●	●	●



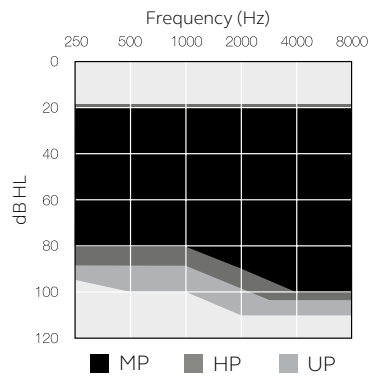
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Technical Specifications

		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	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	39	37	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	59 50	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	128 120	118 114	dB SPL
Total harmonic distortion	500 Hz	0.4	0.3	%
	800 Hz	0.7	0.4	
	1600 Hz	0.6	0.5	
	3200 Hz	-	0.3	
Equivalent input noise, w/o Noise reduction		25	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	dB SPL
Frequency range IEC 60118-0: 2015		100-9510	100-8770	Hz
Current Drain (Quiescent / Operating)		1.17/1.19	1.17/1.31	mA

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

Fitting Range



○ Basic

● Advanced

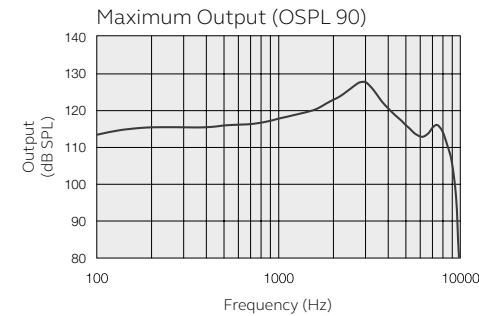
● Ultimate

Patents pending

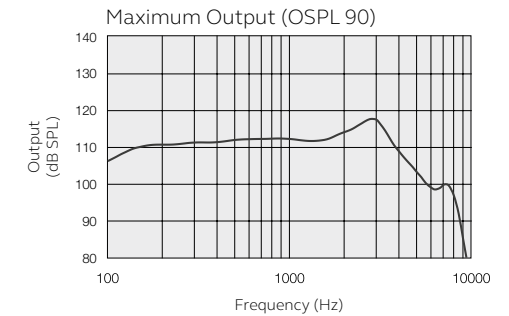
All specifications are subject to change without notice

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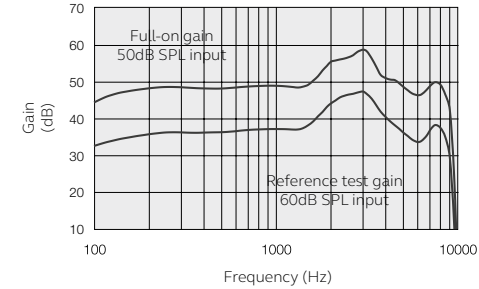
IEC 60118-0: 1983_AMD1:1994
IEC 60118-0:2015
IEC 711 Ear Simulator



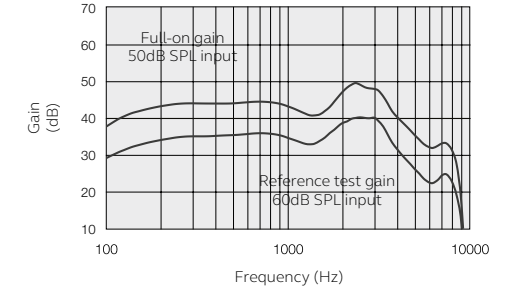
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler



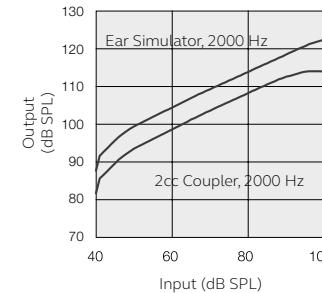
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



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

Manufacturer according to Health Canada:
ReSound Canada
303 Supertest Road
Toronto, ON M3J 2M4
Canada
1-888-737-6863
resound.com

Technical Specifications

		HP		
		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	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	69 58	60 53	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	130 126	120 119	dB SPL
Total harmonic distortion	500 Hz	0.8	0.5	%
	800 Hz	1.9	0.8	
	1600 Hz	0.8	0.6	
	3200 Hz	-	0.2	
Equivalent input noise, w/o Noise reduction		26	24	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	11	11	dB SPL
Frequency range IEC 60118-0: 2015		100-7390	100-6710	Hz
Current Drain (Quiescent / Operating)		1.15/1.18	1.15/1.25	mA

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

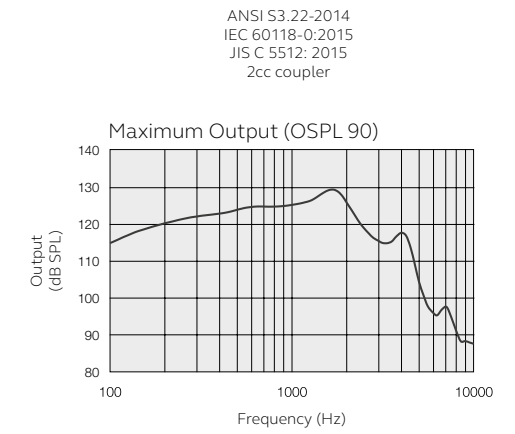
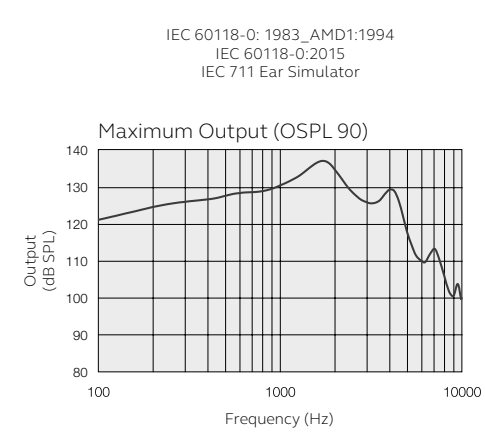
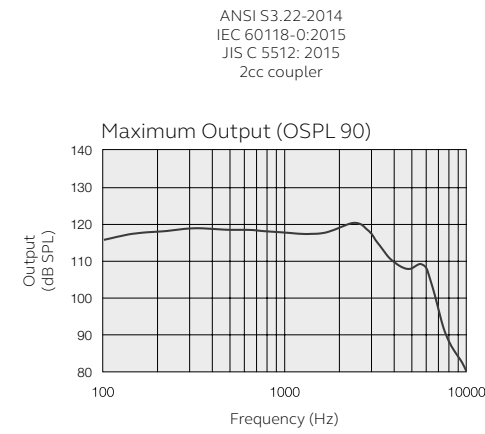
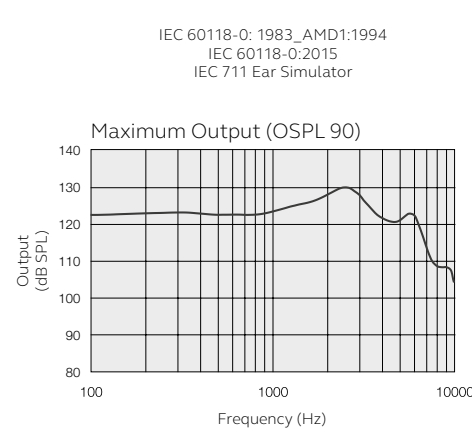
Technical Specifications

		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	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	60	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	78 70	70 62	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	137 137	129 124	dB SPL
Total harmonic distortion	500 Hz	0.4	0.4	%
	800 Hz	1.0	0.5	
	1600 Hz	0.2	0.1	
	3200 Hz		0.1	
Equivalent input noise, w/o Noise reduction		20	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	12	13	dB SPL
Frequency range IEC 60118-0: 2015		100-7390	100-4810	Hz
Current Drain (Quiescent / Operating)		1.17/1.24	1.17/1.21	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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