

ReSound LiNX²™



Product Description

Model 67 Behind-the-Ear (BTE) hearing instruments support open or closed configurations.

ReSound's SmartRange™ dual processing platform enables Surround Sound by ReSound™ sound quality.

The 3rd generation 2.4 GHz wireless functionality of the SmartRange platform features Bluetooth® 4.0, allowing the hearing instruments to communicate with each other and to connect to iPhone®, iPad® and iPod touch®. ReSound LiNX² also supports ReSound's full line of ReSound Unite™ accessories. The 67 model features push button and telecoil.

All ReSound LiNX² BTE hearing instruments are iSolate™ nanotech-coated for optimum durability.

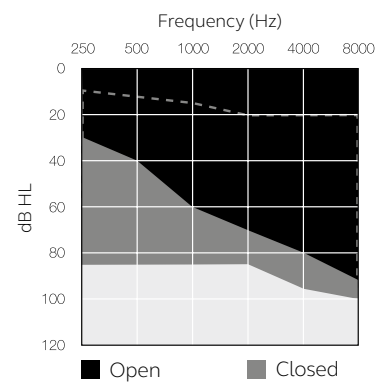
Model	LS967-DW LS967-DWT	LS767-DW LS767-DWT	LS567-DW LS567-DWT
Device Features			
Battery size	312		
Colors available	14		
Functional Features			
Fully flexible programs	4	4	4
Synchronized push button*	●	●	●
SmartStart™	●	●	●
PhoneNow™	●	●	●
Comfort Phone™	●	●	●
Ear-to-Ear communication	●	⊙	○
Direct audio streaming (Made for iPhone)	●	●	●
ReSound Unite™ TV Streamer 2, Remote Control 2, Phone Clip+, Mini Microphone	●	●	●
ReSound Control™ app (Phone Clip+ required)	●	●	●
ReSound Smart™ app	●	●	●
Audiological Features			
WARP compression - number of channels	17	17	9
Environmental Classifier	●	●	●
Binaural Directionality™ II	●	●	●
Spatial Sense™	●		
Binaural Directionality™		●	
Directional Mix Processor	●	●	●
-Adjustable directional mix	●		
Natural Directionality™ II		●	●
Synchronized SoftSwitching™	●	●	
Softswitching™			●
Autoscope Adaptive Directionality™	●		
Multiscope Adaptive Directionality™		●	
Adaptive Directionality™			●
Binaural Environmental Optimizer™ II	●		
Environmental Optimizer		●	
NoiseTracker™ II	●	⊙	○
Expansion	●	⊙	○
Windguard™	●	⊙	○
Sound Shaper	●	●	●
DFS Ultra™ II	●	●	●
-Music Mode™	●	●	●
Auto DFS™	●	●	●
Synchronized Acceptance Manager	●	●	●
Tinnitus Sound Generator	●	●	●
Fitting Features			
Fitting software Aventa 3.10 update 1 or higher	●	●	●
Onboard Analyzer™ II	●	●	●
In Situ Audiometry	●	●	●
Wireless fitting with Airlink™	●	●	●

○ Basic

⊙ Advanced

● Ultimate

Fitting Range



ReSound LiNX² is compatible with iPhone 6, iPhone 6 Plus, iPhone 5s, iPhone 5c, iPhone 5, iPad Air 2, iPad Air, iPad (4th generation), iPad mini 3, iPad mini 2, iPad mini with Retina display, iPad mini and iPod touch (5th generation) using iOS 7.X or later. Apple, the Apple logo, iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.



400350011-US-16.09-Rev.B

Manufacturer according to FDA:

ReSound North America
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Bloomington, MN 55420
1-888-735-4327
resound.com

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

Manufacturer according to Health Canada:

ReSound Canada
303 Supertest Road
Toronto, Ontario M3J 2M4
1-888-737-6863
resound.com



Technical Specifications

		LS67-DWT		
		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	40	38	dB
Full-on gain (50 dB SPL input)	Max.	59	52	dB
	1600 Hz/HFA	51	47	
Maximum output (90 dB SPL input)	Max.	125	122	dB SPL
	1600 Hz/HFA	116	114	
Total harmonic distortion	500 Hz	0,5	0,4	%
	800 Hz	0,3	0,2	
	1600 Hz	0,9	0,6	
Telecoil sensitivity (1 mA/m input)	Max.	90	-	dB SPL
	HFA - SPLIV @ 31.6 mA/m (ANSI)	-	100	
	Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	83	
Equivalent input noise		26	21	dB SPL
Frequency range (DIN 45605/ANSI)		100-7190	100-6980	Hz
Current drain		1.2	1.2	mA

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

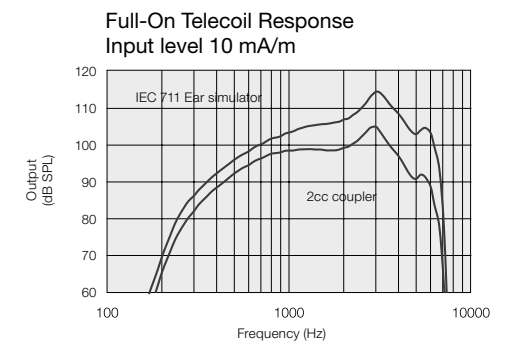
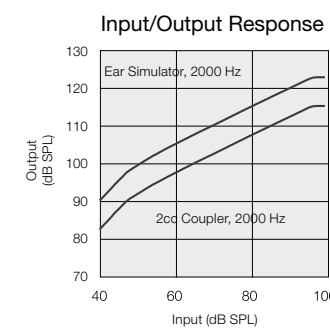
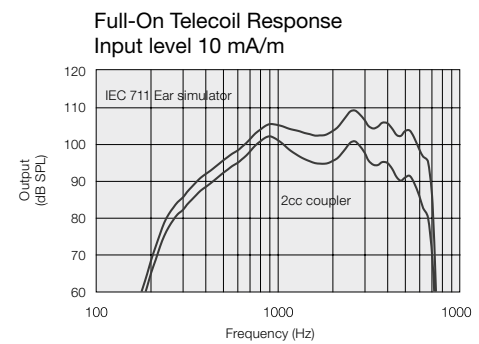
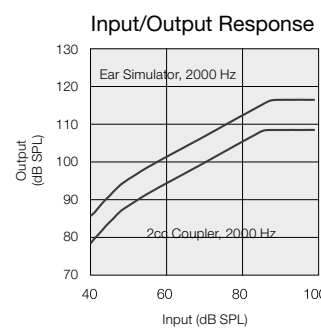
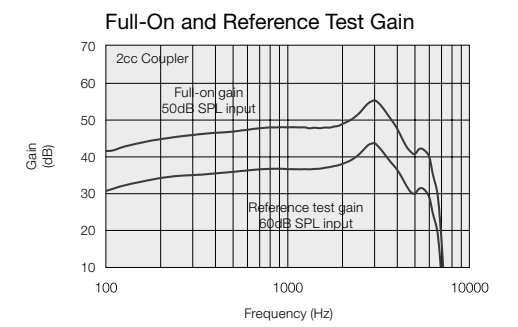
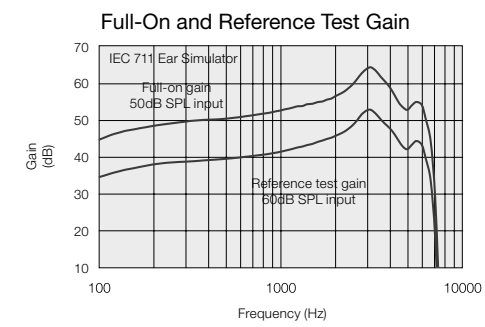
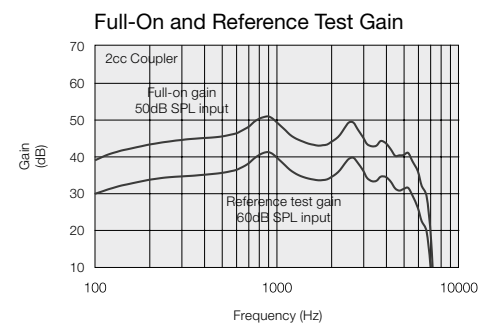
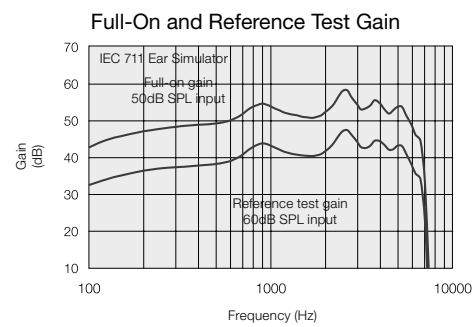
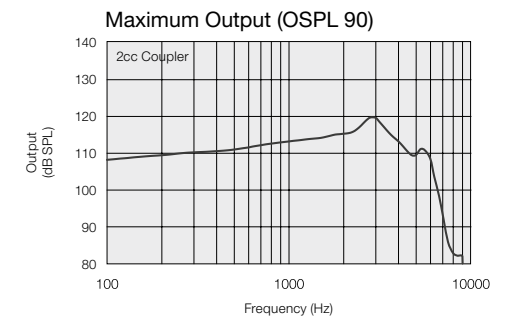
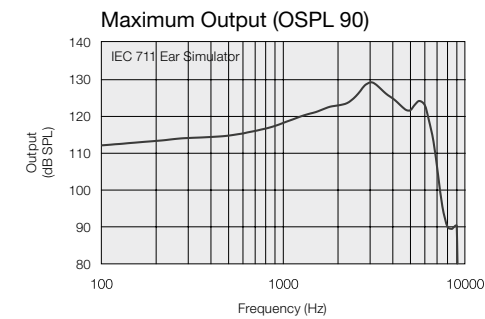
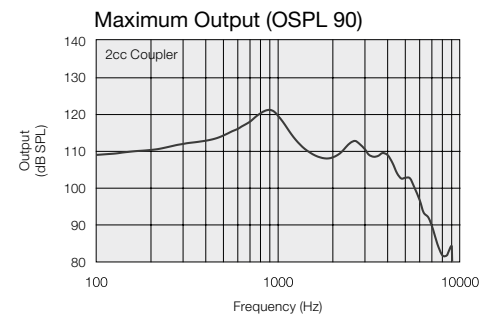
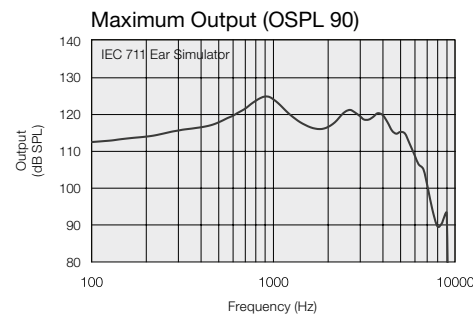
Technical Specifications

		LS67-DW		
		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	44	38	dB
Full-on gain (50 dB SPL input)	Max.	65	56	dB
	1600 Hz/HFA	55	49	
Maximum output (90 dB SPL input)	Max.	130	120	dB SPL
	1600 Hz/HFA	122	115	
Total harmonic distortion	500 Hz	0,8	0,5	%
	800 Hz	0,7	0,5	
	1600 Hz	0,7	1,0	
Telecoil sensitivity (1 mA/m input)	Max.	95	-	dB SPL
	HFA - SPLIV @ 31.6 mA/m (ANSI)	-	99	
	Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	86	
Equivalent input noise		26	23	dB SPL
Frequency range (DIN 45605/ANSI)		100-7000	100-6800	Hz
Current drain		1.2	1.3	mA

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

Patents pending

All specifications are subject to change without notice



Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ coupler
Pi = Acoustic input signal

Basic settings:
Full-on Gain, Reference Test Gain
MPO = Maximum Power Output
Maximum Band Width

Measured according to IEC60118-0 Edition3.0 2015-06 at 1.3 V, impedance 6.2 ohms and 23°C on 2cc coupler. Resp. on 2cc according to IEC60118-7 Second edition 2005-10 and ANSI/ASA S3.22-2009 (HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dB SPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise
Measurement on O.E.S according to IEC711 1981
According to IEC60118-0 Edition 2 1983 and amendment 1 1994 .