

# ReSound LiNX2™



LSIIIC

## Product Description

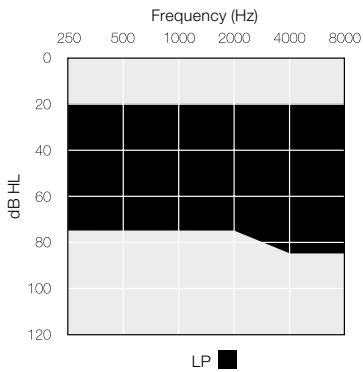
Invisible-in-the-Canal (IIC) hearing instruments are available in a Low Power (LP) level.

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

ReSound LiNX2 IIC is the ultimate cosmetic custom hearing instrument, offering the most invisible solution in the ear.

The custom hearing instrument faceplates and the associated components are iSolate™ nanotech-coated for optimum durability.

## Fitting Range - Closed



Model	LS9IIC	LS7IIC	LS5IIC
<b>Device Features</b>			
Battery size	10A		
Custom power levels	LP		
Colors available	2		
<b>Functional Features</b>			
Fully flexible programs	1	1	1
SmartStart™	●	●	●
<b>Audiological Features</b>			
WARP compression - number of channels	17	17	9
Environmental Classifier	●	●	●
Environmental Optimizer	●	●	
NoiseTracker™ II	●	⊙	○
Expansion	●	⊙	○
Windguard™	●	⊙	○
Sound Shaper	●	●	●
DFS Ultra™ II	●	●	●
-Music Mode™	●	●	●
Auto DFS™	●	●	●
Acceptance Manager	●	●	●
Tinnitus Sound Generator	●	●	●
<b>Fitting Features</b>			
Fitting Software Aventa 3.8 or higher	●	●	●
Onboard Analyzer™ II	●	●	●

○ Basic  
⊙ Advanced  
● Ultimate

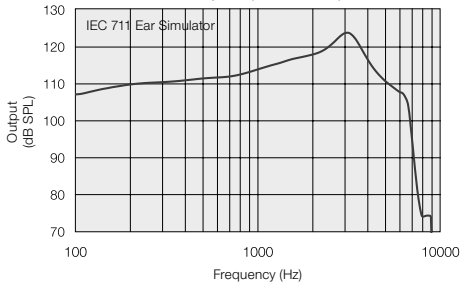
# Technical Specifications

## LSIIC (LP)

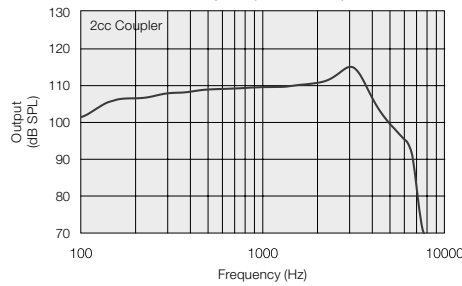
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	33	33	dB
Full-on gain (50 dB SPL input)	Max.	49	40	dB
	1600 Hz/HFA	43	38	
Maximum output (90 dB SPL input)	Max.	124	115	dB SPL
	1600 Hz/HFA	117	110	
Total harmonic distortion	500 Hz	0.4	0.6	%
	800 Hz	0.7	0.6	
	1600 Hz	0.8	1.0	
Telecoil sensitivity (1 mA/m input)	Max.	N/A		dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		N/A	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	N/A	N/A	
Equivalent input noise		22	21	dB SPL
Frequency range (DIN 45605/ANSI)		100-7120	100-6960	Hz
Current drain (Test mode)		1.1	1.2	mA

Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22-2009; supply voltage 1.3 V.

**Maximum Output (OSPL 90)**



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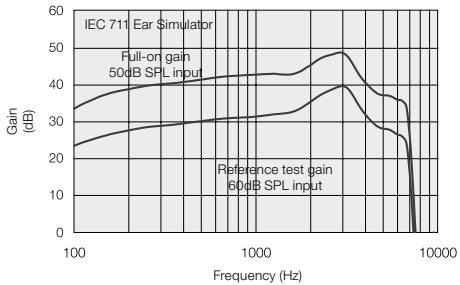


**Notes:**  
 O.E.S. = Occluded Ear Simulator  
 2cc = 2 cm<sup>3</sup> coupler  
 Pi = Acoustic input signal

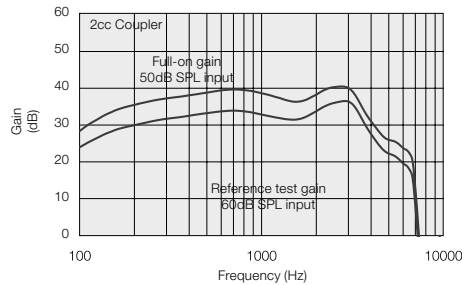
**Basic settings:**  
 Full-on Gain, Reference Test Gain  
 MPO = Maximum Power Output  
 Maximum Band Width

Measured according to IEC 60118-0 1983, amendment 1994; at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 and ANSI S3.22-2009 (HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dB SPL sound pressure equals 20µPa). All measurements with-out DSP features activated unless indicated otherwise.

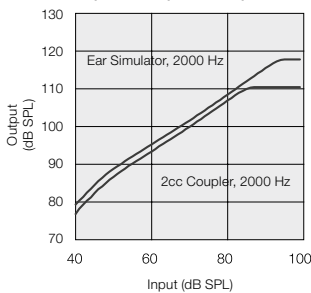
**Full-On and Reference Test Gain**



**Full-On and Reference Test Gain**



**Input/Output Response**



Patents pending

All specifications are subject to change without notice

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