

ReSound LiNX²



Product Description

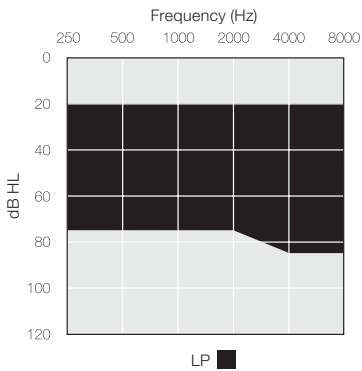
Invisible-in-the-Canal (IIC) hearing instruments are available in a Low Power (LP) level.

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
Device Features			
Battery size	10A		
Custom power levels	LP		
Colors available	2		
Functional Features			
Fully flexible programs	1	1	1
SmartStart™	●	●	●
Audiological Features			
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	●	●	●
Fitting Features			
Fitting Software Aventa 3.8 or higher	●	●	●
Onboard Analyzer™ II	●	●	●

○ Basic
⊙ Advanced
● Ultimate

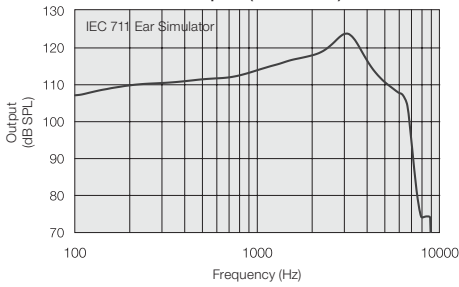
Technical Specifications

LSIIC (LP)

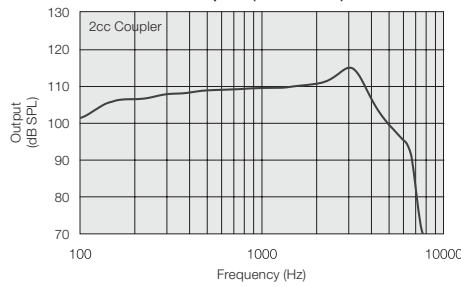
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	33	33	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	49 43	40 38	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	124 117	115 110	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.4 0.7 0.8	0.6 0.6 1.0	%
Telecoil sensitivity (1 mA/m input)	Max. HFA	N/A	N/A	dB SPL
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)



Maximum Output (OSPL 90)

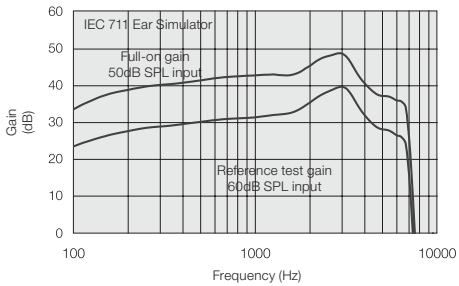


Notes:
 O.E.S. = Occluded Ear Simulator
 2cc = 2 cm³ coupler
 Pi = Acoustic input signal

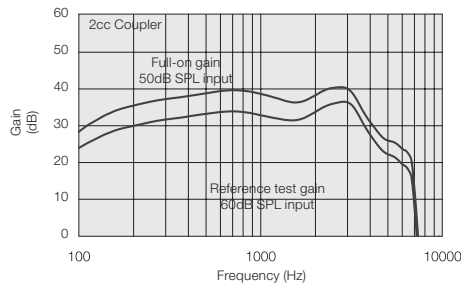
Basic settings:
 Full-on Gain, Reference Test Gain
 MPO = Maximum Power Output
 Maximum Band Width

Measured according to 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 without DSP features activated unless indicated otherwise.

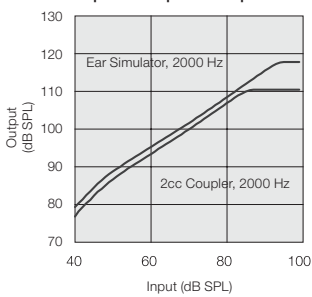
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



Patents pending

All specifications are subject to change without notice

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rediscover hearing

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