

ReSound LiNX 3D™



LTCIC

Product Description

Completely-in-the-Canal (CIC) hearing aids are available in 2 power levels: Medium (MP), High (HP).

The ReSound Smart Range C platform enables Surround Sound by ReSound.

The CIC models feature options for Push Button.

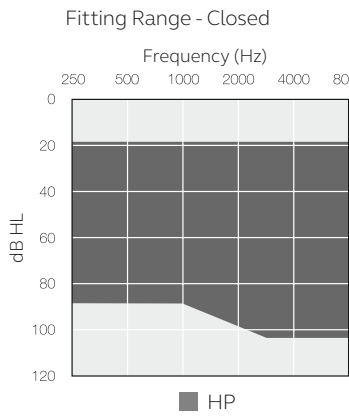
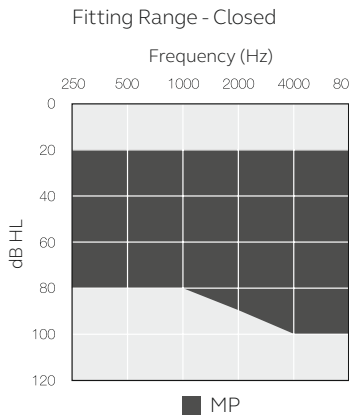
The ReSound LiNX 3D CIC hearing aid components and faceplates are iSolate™ nanotech coated for optimum durability.

Model	LT9-CIC*	LT7-CIC**	LT5-CIC***
Device Configurations			
Battery size	10A		
Power levels	MP, HP		
Audiological Features			
WARP compression (WDRC) - number of channels	17	14	12
Environmental Optimizer II	●	-	-
Environmental Optimizer	-	●	-
Noise Tracker II	●	⊙	○
Expansion	●	⊙	○
Sound Shaper	●	●	●
DFS Ultra II	●	●	●
Music Mode	●	●	●
Acceptance Manager	●	●	●
Tinnitus Sound Generator	●	●	●
Functional Features			
Synchronized Push Button	●	●	●
Smart Start	●	●	●
Phone Now	●	●	●
Comfort Phone	●	●	●
Ear to Ear Communication	●	●	●
Direct audio streaming (Made for iPhone)	●	●	●
ReSound TV Streamer 2, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
ReSound Control™ app (Phone Clip+ is required)	●	●	●
ReSound Smart 3D™ app	●	●	●
ReSound Assist			
Remote Fine Tuning	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Fitting Software Smart Fit™ 1.0 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Onboard Analyzer II	●	●	●
Wireless Fitting with Airlink™2/ Noahlink Wireless	●	●	●
*LT9CIC-W-HP, LT9CIC-W-MP **LT7CIC-W-HP, LT7CIC-W-MP ***LT5CIC-W-HP, LT5CIC-W-MP			

○ Basic

⊙ Advanced

● Ultimate



Technical Specifications

		LTCIC (MP)		
		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	42	37	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	60 52	50 46	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	128 122	118 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.5 1.0 1.0	0.5 0.8 0.7	%
Telecoil sensitivity (1 mA/m input)	Max.	N/A		
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		N/A	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	N/A	N/A	
Equivalent input noise		25	24	dB SPL
1/3 Octave Equivalent input noise	1600 Hz	11	12	
Frequency range (DIN 45605/ANSI)		100-8260 Hz	100-7530 Hz	Hz
Current drain (Quiescent/Operating)		1.2/1.23 mA	1.2/1.31 mA	mA

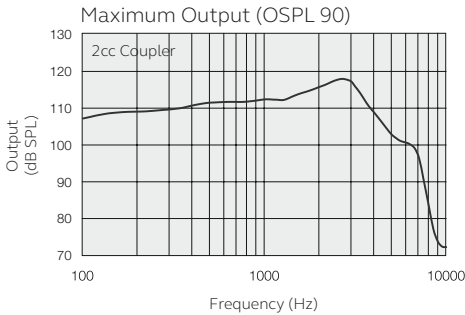
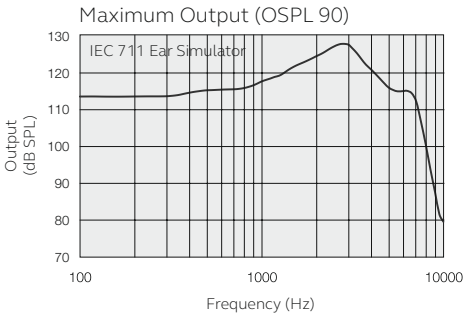
Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

Technical Specifications

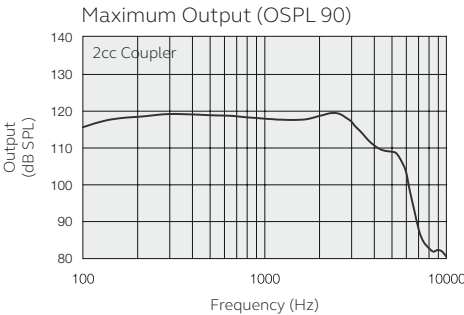
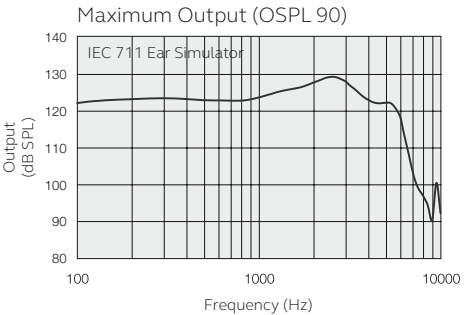
		LTCIC (HP)		
		IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	48	42	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	69 60	60 55	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	129 126	120 118	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.7 1.5 0.7	0.5 0.7 0.5	%
Telecoil sensitivity (1 mA/m input)	Max.	N/A		
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		N/A	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	N/A	N/A	
Equivalent input noise		27	24	db SPL
1/3 Octave Equivalent input noise	1600 Hz	12	12	
Frequency range (DIN 45605/ANSI)		100-6830 Hz	100-6280 Hz	Hz
Current drain (Quiescent/Operating)		1.21/1.25 mA	1.21/1.31 mA	mA

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

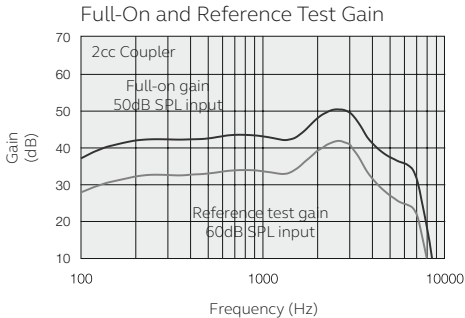
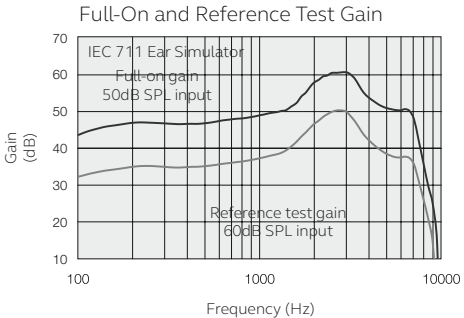
Patents pending



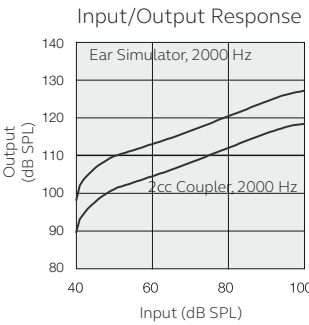
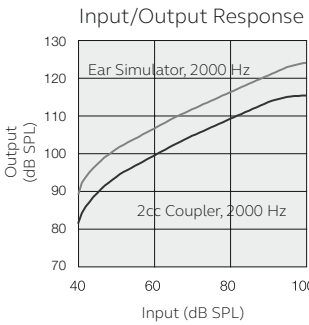
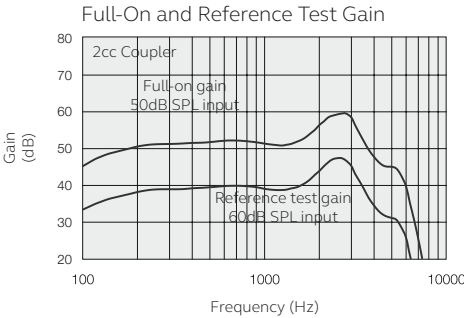
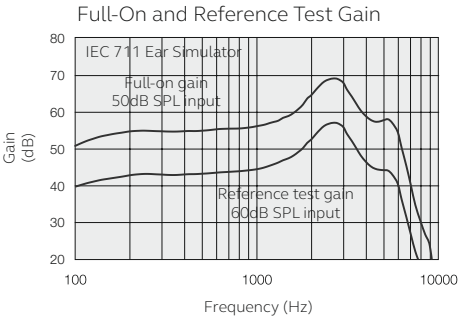
Patents pending



All specifications are subject to change without notice



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HP

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