

ReSound LINX 3D™



LTMiH

Productbeschrijving

Microphone-in-Helix (MIH) hearing aids are available in 4 power levels: Low Power (LP), Medium Power (MP), High Power (HP) en Ultra Power (UP).

ReSound’s Smart Range Cloud Dual Processing platform enables Surround Sound by ReSound™ sound quality.

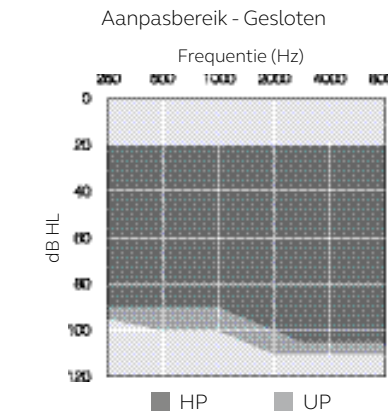
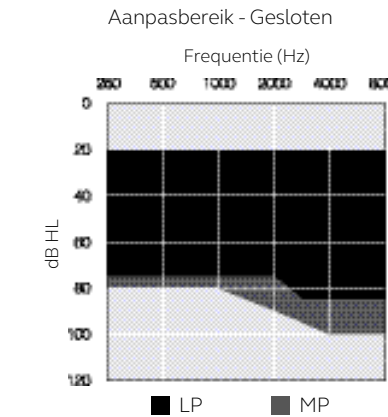
The 5th generation 2.4 GHz wireless functionality of the Smart Range Cloud platform allows cloud connectivity with ReSound Assist and features Bluetooth® 4.0, allowing the hearing aids to communicate with each other and to connect to iPhone®, iPad®, iPod touch®, and select Android models\*. With ReSound Assist ReSound LiNX 3D brings an entirely new level of connectivity to the relationship between the end user and the hearing care professional.

ReSound LiNX 3D also supports ReSound’s full line of Re-Sound Unite™ accessories.

The MIH model featured options for wireless vs non-wireless functionality, Push Button, Volume Control, and Telecoil (Telecoil not available for LP models).

The ReSound LiNX 3D MIH hearing aid components and face-plates are iSolate nanotech™ coated for optimum durability.

\*Android connection through ReSound Smart 3D™ app.



ReSound LiNX 3D is compatible with iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone SE, iPhone 5s, iPhone 5c, iPhone 5, iPad Pro (12.9-inch), iPad Pro (9.7-inch), iPad Air 2, iPad Air, iPad mini 4, iPad mini 3, iPad mini 2, iPad mini, iPad (4th generation), iPad touch (6th generation) and iPod touch (5th generation) using iOS 8.X or later. Apple, the Apple logo, iPhone, iPad Pro, iPad Air, iPad mini, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Android is een handelsmerk van Google Inc.



modelleren	LT9-MIH*	LT7-MIH**	LT5-MIH***
Device Configurations			
Batterijtype	312 & 13		
Power levels	LP, MP, HP en UP		
Kleuren	5		
Audiologische functies			
WARP compression (WDRC) - number of channels	17	14	12
Binaurale Environmental Optimizer II	●	-	-
Envnironmental Optimizer	-	●	-
Noise Tracker II lawaaionderdrukking	●	⊙	○
Expansie	●	⊙	○
Sound Shaper	●	●	●
DFS Ultra II	●	●	●
- Muziekmodus	●	●	●
Gesynchroniseerde Acceptatie Manager	●	●	●
Low Frequency Boost (Only UP)	●	●	○
Amplification Strategy (WDRC/Semi-linear/Linear - Only UP)	●	●	⊙
Tinnitus Sound Generator	●	●	●
Features			
Synchronized Push Button****	●	●	●
Gesynchroniseerde volumeregeling	●	●	●
Smart Start	●	●	●
Phone Now	●	●	●
Comfort Phone	●	●	●
Ear to Ear Communication	●	●	●
Directe audiostreaming (Made for iPhone)	●	●	●
ReSound UnMIH™ TV Streamer 2, Remote Control 2, Phone Clip+, and ReSound Micro Mic and Multi Mic	●	●	●
ReSound Control™ app (Phone Clip+ is required)	●	●	●
ReSound Smart 3D™ app	●	●	●
ReSound Assist			
Remote Fine Tuning	●	●	●
Remote Firmware Updates	●	●	●
Aanpassing			
Fitting Software Smart Fit™ 1.0 or higher	●	●	●
Volledig flexibele programma's	4	4	4
Safeguard Feedback Control	●	●	●
Satisfaction Journal	●	●	●
Wireless Fitting with Airlink™2/ Noahlink Wireless	●	●	●
*LT9MIH-W-UP, LT9MIH-W-HP, LT9MIH-W-MP, LT9MIH-W-LP, LT9MIH-UP, LT9MIH-HP, LT9MIH-MP, LT9MIH-LP **LT7MIH-W-UP, LT7MIH-W-HP, LT7MIH-W-MP, LT7MIH-W-LP, LT7MIH-UP, LT7MIH-HP, LT7MIH-MP, LT7MIH-LP ***LT5MIH-W-UP, LT5MIH-W-HP, LT5MIH-W-MP, LT5MIH-W-LP, LT5MIH-UP, LT5MIH-HP, LT5MIH-MP, LT5MIH-LP **** Also including functionality for sychronized Push Button Volume Control			

O Basis

Geavanceerd

Ultiem

Patenten in aanvraag

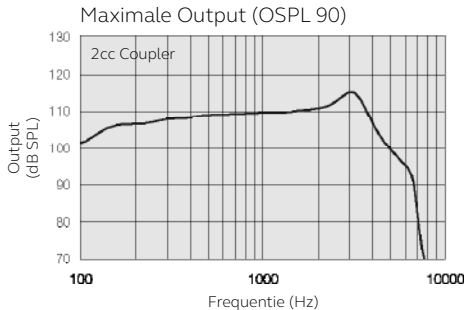
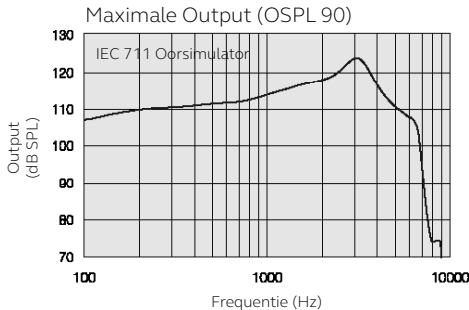
Alle specificaties kunnen zonder kennisgeving gewijzigd worden

400631002-NL-16.05-Rev.A

Technische specificaties TSG

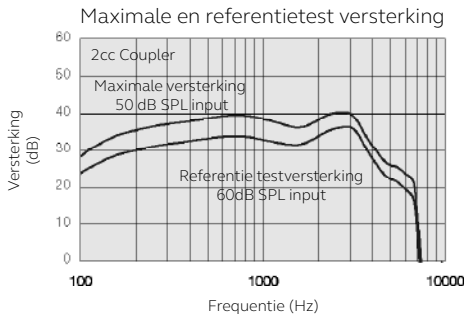
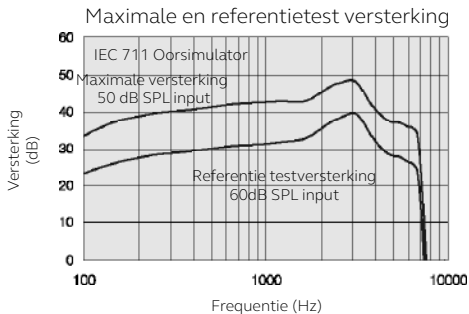
		LTMiH (LP)		
		IEC 60118-0 2nd IEC 711 Oorsimulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc Coupler	
Referentietest versterking (60 dB SPL input)	1600 Hz/HFA	33	33	dB
Maximale versterking (50 dB SPL input)	Max. 1600 Hz/HFA	49 43	40 38	dB
Maximale output (90 dB SPL input)	Max. 1600 Hz/HFA	124 117	115 110	dB SPL
Harmonische vervorming	500 Hz 800 Hz 1600 Hz	0,4 0,7 0,8	0,6 0,6 1,0	%
Luisterspoel gevoeligheid (1 mA / m input) HFA – SPLIV @ 31.6 mA/m (ANSI) Maximale luisterspoelgevoeligheid @ 1mA/m	Max. HFA 1600 Hz/HFA	N.v.t. N.v.t. N.v.t.	N.v.t. N.v.t.	dB SPL
Ruis-equivalente ingangsdruk		22	21	dB SPL
Frequentiebereik (DIN 45605/ANSI)		100-7120	100-6960	Hz
Stroomverbruik (stand-by/in werking, features uit)		1,1	1,3	mA

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

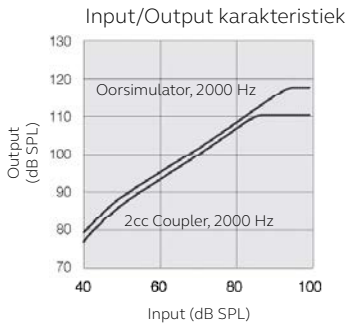


Opmerkingen:  
O.E.S. = Ingesloten oorsimulator  
2cc = 2 cm³ coupler  
Pi = Akoestisch inputsignaal

Basisinstellingen:  
Volledige versterking, referentietestversterking  
MPO = Maximale Power Output  
Maximale bandbreedte



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). Alle metingen zonder DSP-functies geactiveerd tenzij anders aangegeven  
Measurement on O.E.S according to IEC711 1981  
According to IEC60118-0 Edition 2 1983 and amendment 1 1994



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Technische specificaties TSG

		LTMiH (MP)		
		IEC 60118-0 2nd IEC 711 Oorsimulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc Coupler	
Referentietest versterking (60 dB SPL input)	1600 Hz/HFA	40	36	dB
Maximale versterking (50 dB SPL input)	Max. 1600 Hz/HFA	59 50	50 45	dB
Maximale output (90 dB SPL input)	Max. 1600 Hz/HFA	127 121	119 113	dB SPL
Harmonische vervorming	500 Hz	0,5	0,7	%
	800 Hz	0,9	0,8	
	1600 Hz	1,0	0,9	
Luisterspoel gevoeligheid (1 mA / m input)	Max.	88		dB SPL
HFA – SPLIV @ 31.6 mA/m (ANSI)	HFA		96	
Maximale luisterspoelgevoeligheid @ 1mA/m	1600 Hz/HFA	81	74	
Ruis-equivalente ingangsdruk		24	21	dB SPL
Frequentiebereik (DIN 45605/ANSI)		100-7170	100-7170	Hz
Stroomverbruik (stand-by/in werking, features uit)		1,1	1,3	mA

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

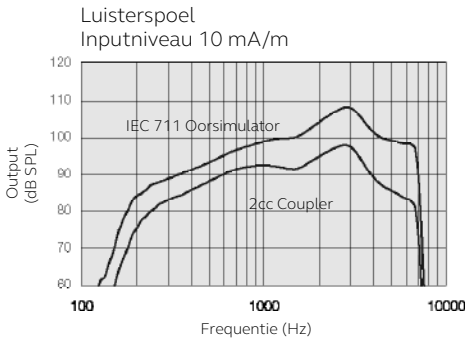
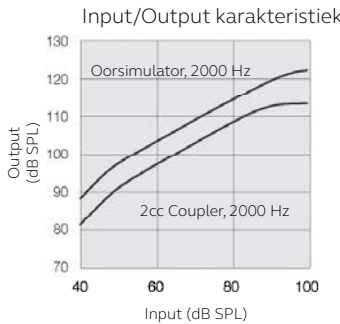
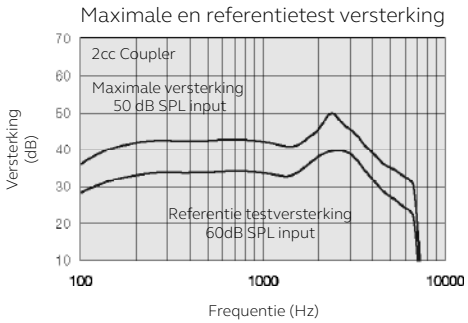
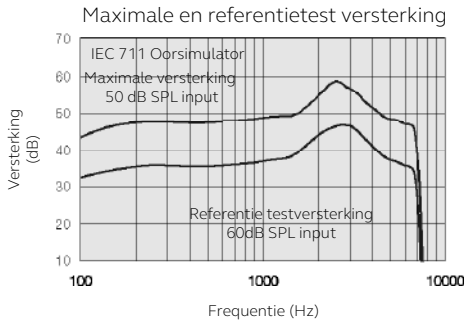
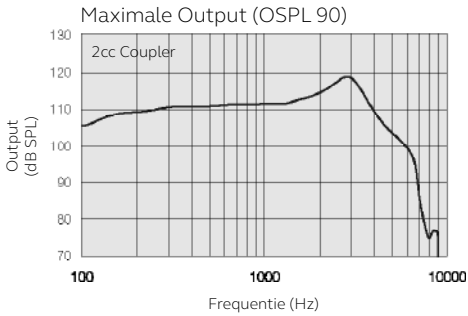
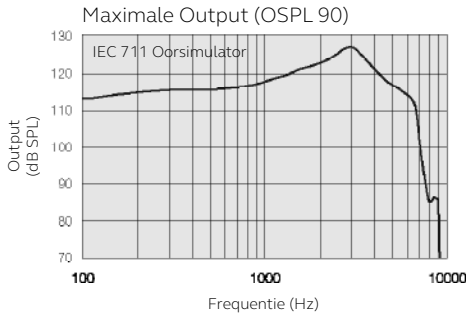
Technische specificaties TSG

		LTMiH (HP)		LTMiH (UP)		
		IEC 60118-0 2nd IEC 711 Oorsimulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc Coupler	IEC 60118-0 2nd IEC 711 Oorsimulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc Coupler	
Referentietest versterking (60 dB SPL input)	1600 Hz/HFA	47	43	59	49	dB
Maximale versterking (50 dB SPL input)	Max. 1600 Hz/HFA	69 59	60 54	79 70	70 63	dB
Maximale output (90 dB SPL input)	Max. 1600 Hz/HFA	130 126	121 120	137 136	130 125	dB SPL
Harmonische vervorming	500 Hz	0,6	0,4	0,5	0,5	%
	800 Hz	1,3	0,7	1,4	1,0	
	1600 Hz	0,8	0,5	0,4	0,2	
Luisterspoel gevoeligheid (1 mA / m input)	Max.	98		106		dB SPL
HFA – SPLIV @ 31.6 mA/m (ANSI)	HFA		103		109	
Maximale luisterspoelgevoeligheid @ 1mA/m	1600 Hz/HFA	88	83	99	93	
Ruis-equivalente ingangsdruk		22	20	24	20	dB SPL
Frequentiebereik (DIN 45605/ANSI)		100-6930	100-6770	140-4720	100-4700	Hz
Stroomverbruik (stand-by/in werking, features uit)		1,2	1,3	1,1	1,2	mA

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Voltage 1.3V

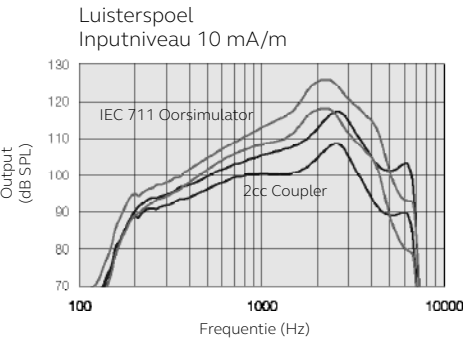
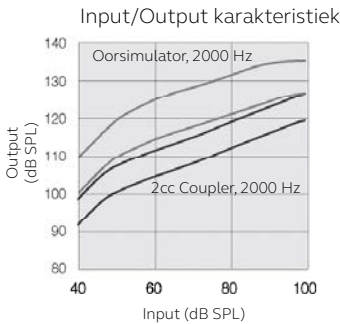
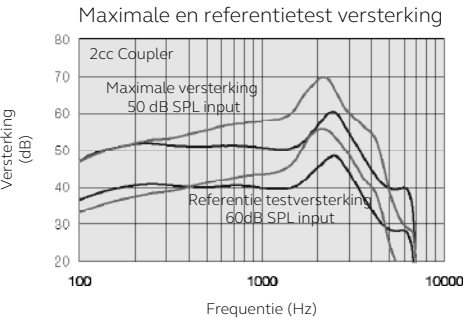
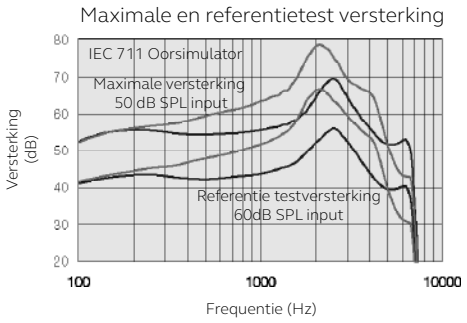
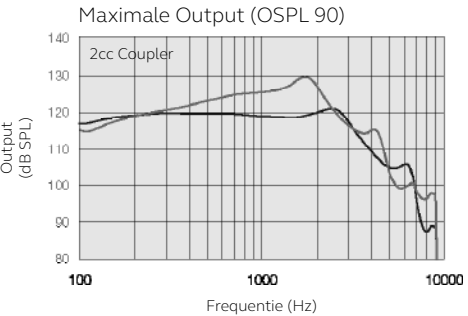
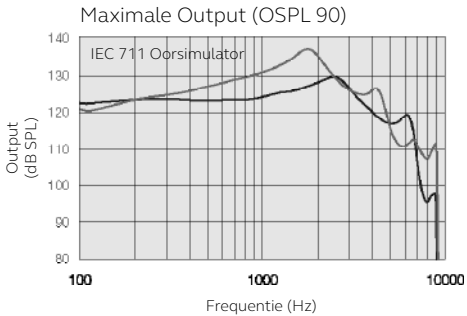
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HP  
UP