

# ReSound LiNX TS™

The world's smartest hearing aid

ReSound LiNX TS™ gives you smart new ways to fit, satisfy and help people manage their tinnitus.

ReSound LiNX TS features proven tinnitus sound generator (TSG) technologies that has been enhanced for even better performance. Utilizing ear-to-ear communication, these TSG features are synchronized to assist in reducing the awareness of tinnitus in a new, effective and seamless way.

ReSound LiNX TS is as reliable as it is discreet, thanks to improvements like silicon microphones for environmental reliability and iSolate™ nanotech coating on receivers to protect them from both moisture and debris.

Fitting patients is also easier. ReSound LiNX TS includes revised and improved gain/output for the entire receiver portfolio and receivers are easier to change.

All of this in a 312 battery RIE that streams stereo sound directly from an iPhone®, iPad® or iPod touch® with ReSound LiNX TS 9 and 7 devices.

## Options

- Available in 12 colors along with kits to change housings in the field
- 5 lengths of receiver tubing (0, 1, 2, 3, 4)
- New Ultra Power (UP) receiver available in custom mold (no domes or standard RIE molds)
- 3 receiver open domes and 1 Tulip dome (not for UP receiver)
- 3 receiver power domes (not for UP receiver)
- Custom mold options available for S, NP, and HP receiver configurations

## Fitting Software

- Aventa fitting software version 3.7 or higher
- Wireless fitting with Airlink™
- Speedlink, HI-Pro, or NOAHlink programming interfaces
- CS63 Flex strip programming cable (with a fresh battery)



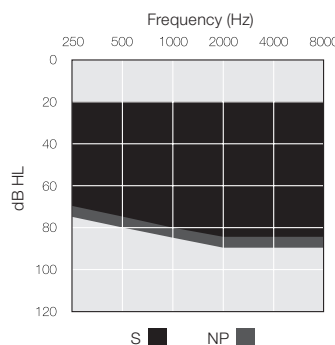
ReSound LiNX TS 9  
ReSound LiNX TS 7

LNT961-DRW  
LNT761-DRW

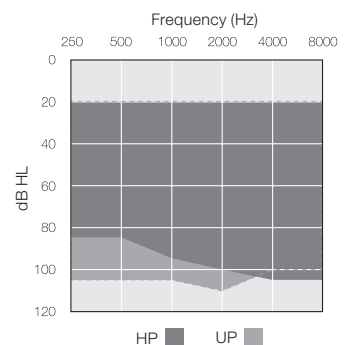
	ReSound LiNX TS 9	ReSound LiNX TS 7
ReSound SmartRange chip	●	●
<b>Sound Therapy</b>		
Tinnitus Sound Generator	●	●
Synchronized Environmental Steering™	●	
Environmental Steering™		●
Synchronized Amplitude modulation	●	
Amplitude modulation		●
Frequency Shaping	●	●
<b>Surround Sound by ReSound</b>		
Model		
WARP™ Compression - number of bands	17	17
Environmental Classifier	●	●
Sound Shaper™	●	●
<b>Clean</b>		
NoiseTracker™ II	●	○
Personalized Noise Reduction	●	
WindGuard™	●	○
Expansion	●	○
<b>Balance</b>		
Binaural Directionality™	●	
Directional Mix Processor	●	●
- Adjustable directional mix	●	
Natural Directionality™ II	●	●
Synchronized SoftSwitching™	●	●
AutoScope Adaptive Directionality™	●	
MultiScope Adaptive Directionality™	●	●
Fixed Directionality	●	●
Binaural Environmental Optimizer™ II	●	
Environmental Optimizer™		●
<b>Stabilize</b>		
DFS Ultra™ II	●	●
- Music Mode™	●	●
Auto DFS™	●	●
<b>Convenience Features</b>		
Synchronized Push Button	●	●
Synchronized Volume Control		
SmartStart™	●	●
PhoneNow™	●	●
Comfort Phone™	●	●
iSolate™ nanotech	●	●
<b>Fitting Features</b>		
Gain Handles	9	7
Fully Flexible Programs	4	4
Synchronized Acceptance Manager	●	●
Onboard Analyzer™ II	●	●
SuperPower fitting options (UP receiver only)	●	●
In Situ Audiometry	●	●
<b>Wireless connectivity</b>		
2.4 GHz Wireless Technology	●	●
2.4 GHz Device-to-Device Communication	●	○
Direct audio streaming (Made for iPhone)	●	●
Wireless fitting with Airlink™	●	●
ReSound Unite™ TV Streamer 2	●	●
ReSound Unite™ Remote Control 2	●	●
ReSound Unite™ Phone Clip+	●	●
ReSound Unite™ Mini Microphone	●	●
ReSound Smart™ app	●	●
ReSound Control™ app	●	●

© Advanced  
● Ultimate

Fitting Range - Closed



Fitting Range - Closed



ReSound LiNX TS is compatible with iPhone 5s, iPhone 5c, iPhone 5, iPad Air, iPad (4th generation), 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.

# ReSound

rediscover hearing

# Technical specifications

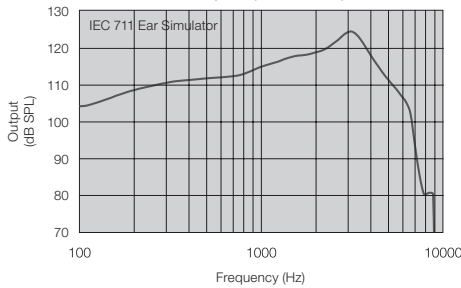
		LNT 61-DRW (S)		
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	41	32	dB
Full-on gain (50 dB SPL input)	Max.	62	50	dB
	1600 Hz/HFA	51	43	
Maximum output (90 dB SPL input)	Max.	124	114	dB SPL
	1600 Hz/HFA	118	109	
Total harmonic distortion	500 Hz	0.5	0.5	%
	800 Hz	1.5	0.6	
	1600 Hz	1.4	0.8	
Equivalent input noise		24	24	dB SPL
Frequency range (DIN 45605/ANSI)		100-7060	100-6930	Hz
Current Drain		1.2	1.2	mA

Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.

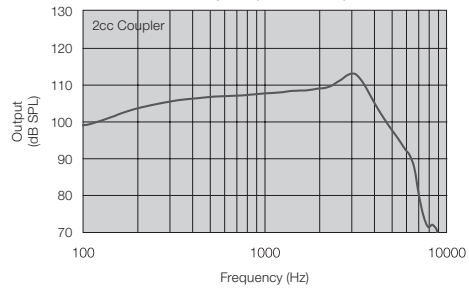
## Tinnitus Sound Generator

TSG - Max overall output level	Max	101.2	90.2	dB SPL
TSG - Max A-weighted overall output level	Max	102.3	90.9	dB SPL
TSG - Max 1/3 octave output level	Max	97.0	85.0	dB SPL

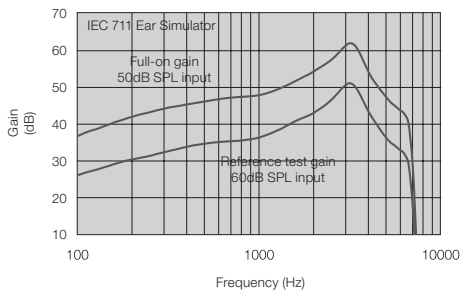
Maximum Output (OSPL 90)



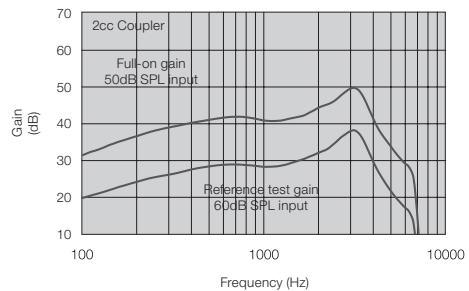
Maximum Output (OSPL 90)



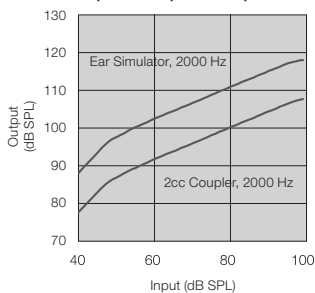
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



### Basic settings:

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

Measured according to IEC 60 118-0 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 (DIN average calculated at 500 Hz, 1000 Hz and 2000 Hz; 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.

Patents pending

All specifications are subject to change without notice

400306011-US-14.08-Rev.B

# Technical specifications

## LNT 61-DRW (NP)

		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	43	33	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	65 55	55 48	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	126 118	115 110	dB SPL
Total harmonic distortion	500 Hz	1.8	1.2	%
	800 Hz	2.0	1.5	
	1600 Hz	1.9	1.6	
Equivalent input noise		24	23	dB SPL
Frequency range (DIN 45605/ANSI)		110-6720	100-6470	Hz
Current Drain		1.2	1.2	mA

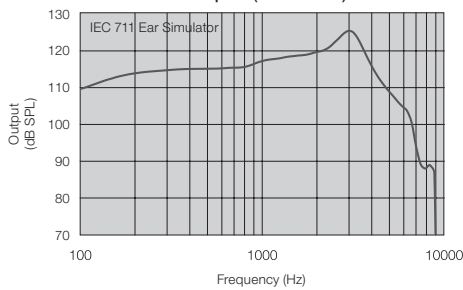
Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.

## Tinnitus Sound Generator

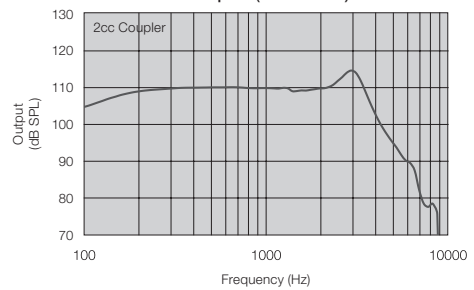
TSG - Max overall output level	Max	99.0	89.9	dB SPL
TSG - Max A-weighted overall output level	Max	100.2	90.2	dB SPL
TSG - Max 1/3 octave output level	Max	95.4	84.4	dB SPL

Patents pending

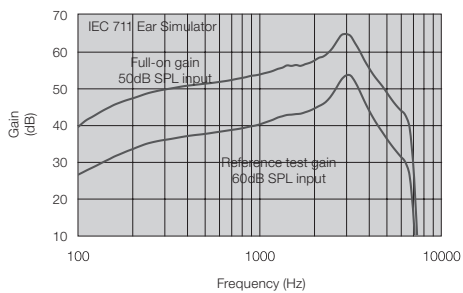
Maximum Output (OSPL 90)



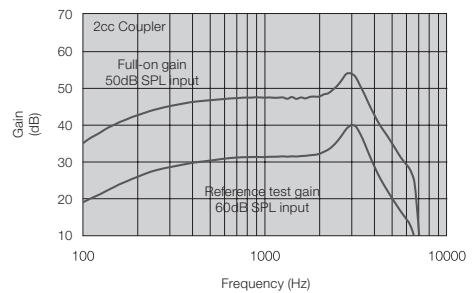
Maximum Output (OSPL 90)



Full-On and Reference Test Gain

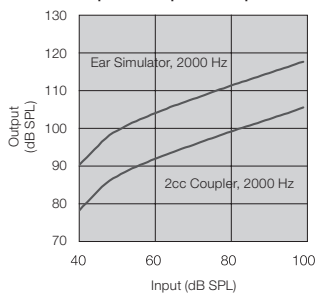


Full-On and Reference Test Gain



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Input/Output Response



# Technical specifications

		LNT 61-DRW (HP)		LNT 61-DRW (UP)		
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	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	47	38	59	46	dB
Full-on gain (50 dB SPL input)	Max.	74	65	83	76	dB
	1600 Hz/HFA	61	55	81	67	
Maximum output (90 dB SPL input)	Max.	129	118	136	128	dB SPL
	1600 Hz/HFA	122	115	134	123	
Total harmonic distortion	500 Hz	1.8	1.5	2.9	2.1	%
	800 Hz	4.1	2.4	3.0	2.3	
	1600 Hz	2.1	1.5	1.6	0.6	
Equivalent input noise		25	24	25	24	dB SPL
Frequency range (DIN 45605/ANSI)		100-6560	100-6300	970-5440	100-5690	Hz
Current Drain		1.2	1.2	1.2	1.2	mA

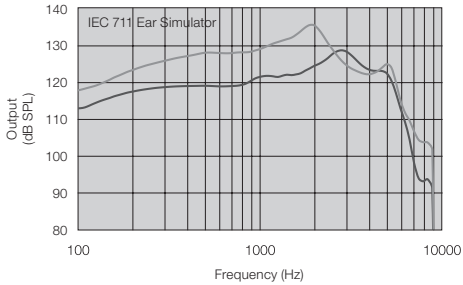
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## Tinnitus Sound Generator

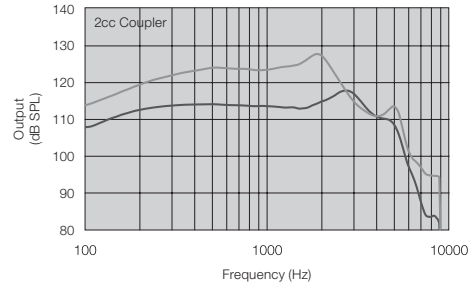
TSG - Max overall output level	Max	99.2	90.0	98.9	91.4	dB SPL
TSG - Max A-weighted overall output level	Max	100.0	90.6	99.6	91.7	dB SPL
TSG - Max 1/3 octave output level	Max	95.1	84.9	93.5	85.5	dB SPL

Patents pending

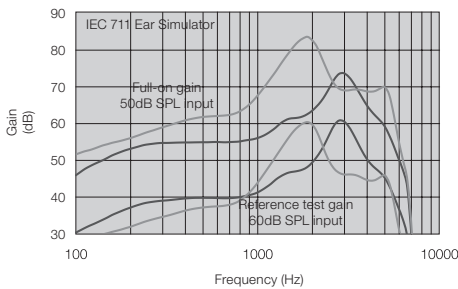
Maximum Output (OSPL 90)



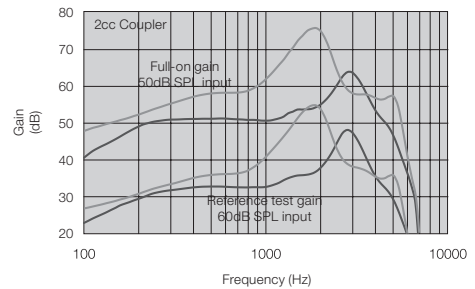
Maximum Output (OSPL 90)



Full-On and Reference Test Gain



Full-On and Reference Test Gain



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Input/Output Response

