

# 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.

The new frequency compression algorithm, Sound Shaper™, lets you fit ReSound LiNX TS on patients who need the flexibility of a fully featured BTE including telecoil and DAI functionality.

All of this in a 13 battery BTE 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
- Direct Audio Input (standard feature but requires optional audio shoe)
- Thin Tube Adaptor for Open fittings
- Child Ear Hook
- Colored Side Indicator

## Fitting Software

- Aventa fitting software version 3.7 or higher
- Wireless fitting with Airlink™
- Speedlink, HI-Pro, or NOAHlink programming interfaces



LNT977-DW  
LNT777-DW

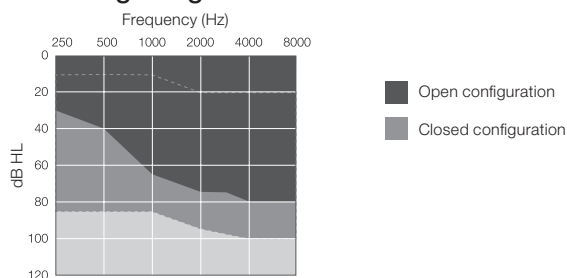
ReSound LiNX TS 9

ReSound LiNX TS 7

	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™	●	●
Clean		
NoiseTracker™ II	●	⊙
Personalized Noise Reduction	●	
WindGuard™	●	⊙
Expansion	●	⊙
Balance		
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™		●
Stabilize		
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	●	●
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



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.

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**ReSound**

rediscover hearing

# ReSound LiNX TS™

## Technical specifications

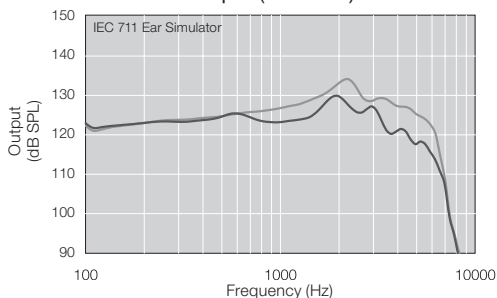
		Open		Closed		
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	44	41	47	47	dB
Full-on gain (50 dB SPL input)	Max.	62	51	66	59	dB
	1600 Hz/HFA	53	46	56	52	
Maximum output (90 dB SPL input)	Max.	130	122	134	128	dB SPL
	1600 Hz/HFA	126	118	130	123	
Total harmonic distortion	500Hz	0.2	0.1	0.5	0.4	%
	800 Hz	0.5	0.2	0.6	0.4	
	1600 Hz	0.4	0.5	0.6	0.5	
Telecoil sensitivity (1 mA/m input)	Max.	91	-	94	-	dB SPL
Full-on Telecoil sensitivity @ 1mA/m	1600 Hz / HFA	81	75	84	81	
HFA – SPLIV @ 31.6 mA/m (ANSI)	HFA	-	99	-	106	
Equivalent input noise		23	23	23	22	dB SPL
Frequency range (DIN 45605/ANSI)		100-6900	100-6770	100-7080	100-6850	Hz
Current drain		1.1	1.2	1.1	1.2	mA

## Tinnitus Sound Generator

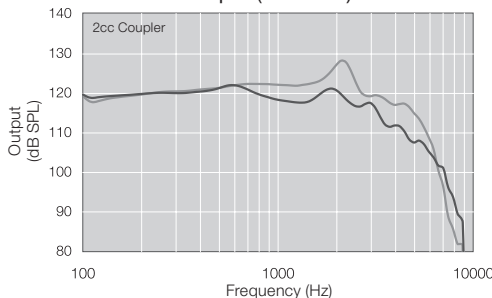
TSG - Max overall output level	Max.	101.3	93.6	101.3	93.8	dB SPL
TSG - Max A-weighted overall output level	Max.	102.4	94.3	102.5	94.5	dB SPL
TSG - Max 1/3 octave output level	Max.	96.0	87.6	96.1	87.9	dB SPL

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

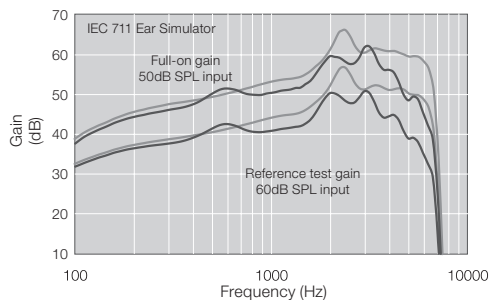
Maximum Output (OSPL 90)



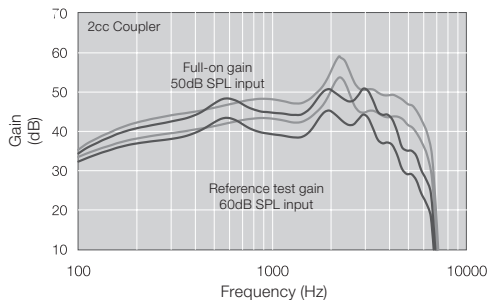
Maximum Output (OSPL 90)



Full-On and Reference Test Gain

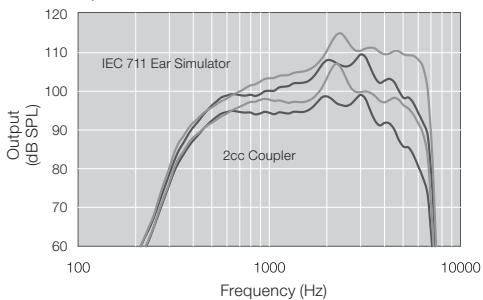


Full-On and Reference Test Gain



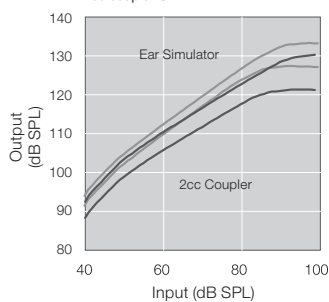
Telecoil response

Input level 10 mA/m



Input/Output Response

IEC 711 Ear Simulator @ 2kHz  
2cc coupler @ 2kHz



### 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.

■ Closed  
■ Open