

ReSound LiNX Quattro™

ReSound GN



Product Description

Based on a new platform, ReSound LiNX Quattro hearing aids feature an extended bandwidth of up to 9.5 KHz and a higher input dynamic range of up to 116 dB SPL. ReSound LiNX Quattro provides more of the finer sound details for a clearer, fuller and richer sound experience.

ReSound LiNX Quattro is a 6th generation, 2.4 GHz wireless hearing aid. Direct audio streaming from iOS and Android™* devices is available for ReSound LiNX Quattro hearing aids. With ReSound Assist and the ReSound Smart 3D™ app, hearing care professionals can provide remote fine-tuning services for their clients. In-The-Canal (ITC) hearing aids are available with 4 selectable receiver power levels: Low (LP), Medium (MP), High (HP), and Ultra (UP).

ReSound LiNX Quattro also supports the full line of ReSound wireless accessories, which also utilize the extended bandwidth. Telecoil is optional for the ITC-DWT models.

The ReSound LiNX Quattro ITC hearing aid components and faceplates are iSolate™ nanotech coated for optimum durability.

*Compatible from Android version 10 and Bluetooth® 5.0 with the Android streaming to hearing aids feature.

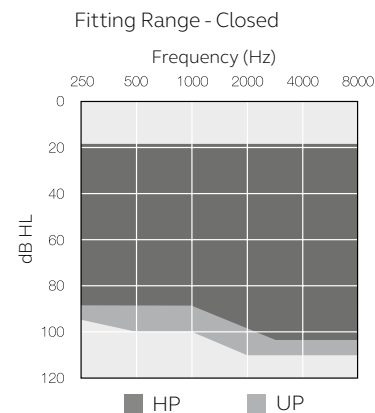
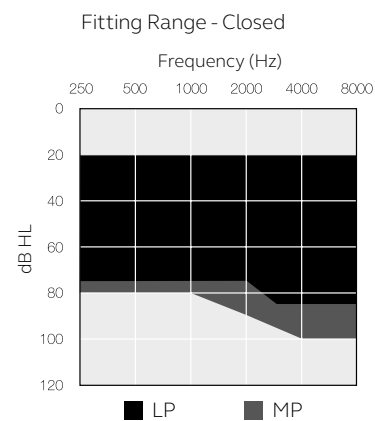
| Model | RE9ITC-DW RE9ITC-DWT | RE7ITC-DW RE7ITC-DWT | RE5ITC-DW RE5ITC-DWT |
|--|-------------------------|-------------------------|-------------------------|
| Device Configurations | | | |
| Battery | 312 | | |
| Power levels | LP*, MP, HP & UP | | |
| Audiological Features | | | |
| WARP compression (WDRC) - number of channels | 17 | 14 | 12 |
| Natural Directionality II | ● | ● | ● |
| Directional Mix Processor | ● | ● | ● |
| Adjustable directional mix | ● | - | - |
| Soft Switching | ● | ● | ● |
| Autoscope Adaptive Directionality | ● | - | - |
| Multiscope Adaptive Directionality | - | ● | - |
| Adaptive Directionality | - | - | ● |
| Environmental Optimiser II | ● | - | - |
| Environmental Optimizer | - | ● | - |
| Noise Tracker II | ● | ⊙ | ○ |
| Expansion | ● | ⊙ | ○ |
| Impulse Noise Reduction | ● | ● | - |
| Wind Guard | ● | ⊙ | ○ |
| Sound Shaper | ● | ● | ● |
| DFS Ultra II | ● | ● | ● |
| Music Mode | ● | ● | ● |
| Acceptance Manager | ● | ● | ● |
| Low Frequency Boost (Only UP) | ● | ⊙ | ○ |
| Amplification Strategy (WDRC/Semi-Linear/Linear - Only UP) | ● | ● | ⊙ |
| Tinnitus Sound Generator | ● | ● | ● |
| Functional Features | | | |
| Smart Start | ● | ● | ● |
| Phone Now | ● | ● | ● |
| Direct audio streaming | ● | ● | ● |
| ReSound TV Streamer 2, Remote Control Remote Control 2, Phone Clip+, Micro Mic and Multi Mic | ● | ● | ● |
| ReSound Smart 3D™ app | ● | ● | ● |
| ReSound Assist | | | |
| Remote Fine Tuning | ● | ● | ● |
| Remote Firmware Updates | ● | ● | ● |
| Fitting Features | | | |
| ReSound Smart Fit™ 1.6 or higher | ● | ● | ● |
| Fully Flexible Programs | 4 | 4 | 4 |
| Auto DFS | ● | ● | ● |
| Onboard Analyzer II | ● | ● | ● |
| Noahlink Wireless | ● | ● | ● |

○ Basic

⊙ Advanced

● Ultimate

* LP is only available for RE9ITC-DW, RE7ITC-DW, RE5ITC-DW



Made for iPhone | iPad | iPod

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resound.com

Manufacturer according to FDA:
ReSound Government Services
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Bloomington, MN 55420
USA
1-800-392-9932
resound.com/veterans

Manufacturer according to Health Canada:
ReSound Canada
2 East Beaver Creek Road, Building 3
Richmond Hill, ON L4B 2N3
Canada
1-888-737-6863
resound.com

Technical specifications

| | | LP | | MP | | | |
|--|---------------------|--|--|--|--|--------|--|
| | | IEC 60118-0:1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear Simulator | ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler | IEC 60118-0:1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear Simulator | ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler | | |
| Reference test gain (60 dB SPL input) | 1600 Hz/HFA | 34 | 32 | 39 | 37 | dB | |
| Full-on gain (50 dB SPL input) | Max. 1600 Hz/HFA | 49 44 | 40 37 | 59 50 | 50 45 | dB | |
| Maximum output (90 dB SPL input) | Max. 1600 Hz/HFA | 124 116 | 114 109 | 128 120 | 118 114 | dB SPL | |
| Total harmonic distortion | 500 Hz | 0.4 | 0.3 | 0.4 | 0.3 | % | |
| | 800 Hz | 0.5 | 0.4 | 0.7 | 0.4 | | |
| | 1600 Hz | 0.5 | 0.5 | 0.6 | 0.5 | | |
| | 3200 Hz | - | 0.2 | - | 0.3 | | |
| Telecoil sensitivity (1 mA/m input)* | Max. | - | - | 90 | 79 | dB SPL | |
| HFA - SPLIV @ 31.6 mA/m (ANSI) | HFA | - | - | 103 | 98 | | |
| Full-on telecoil sensitivity @ 1mA/m | 1600 Hz/HFA | - | - | 82 | 76 | | |
| Equivalent input noise, w/o noise reduction | | 22 | 22 | 25 | 23 | dB SPL | |
| 1/3 Octave Equivalent input noise, w/o noise reduction | 1600 Hz | 11 | 10 | 10 | 10 | dB SPL | |
| Frequency range IEC 60118-0: 2015 | | 100-9570** | 100-9150 | 100-9510** | 100-8770 | Hz | |
| Current Drain (Quiescent/Operating) | | 1.19/1.21 | 1.19/1.31 | 1.17/1.19 | 1.17/1.31 | mA | |

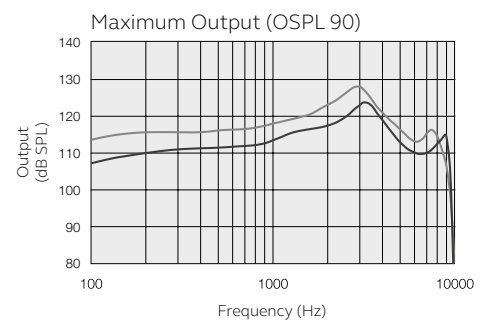
Data compliant with IEC60118-0 Edition 3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V.

*Telecoil is only optional for the RE9ITC-DWT-MP, RE7ITC-DWT-MP, RESITC-DWT-MP.
**Measured according to IEC60118-0:2015, with 711 Ear Simulator coupler.

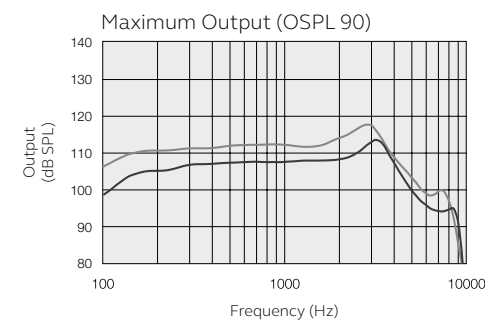
Patents pending

All specifications are subject to change without notice

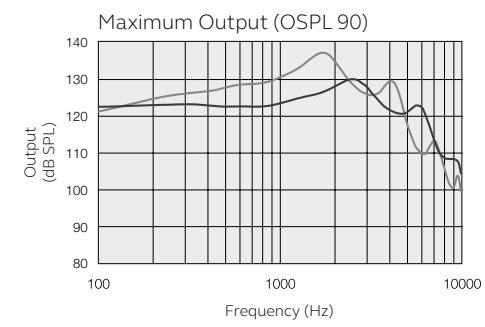
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator



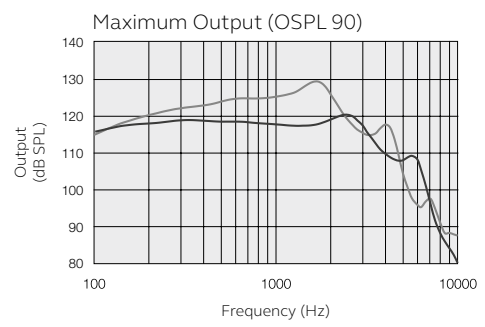
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler



IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator



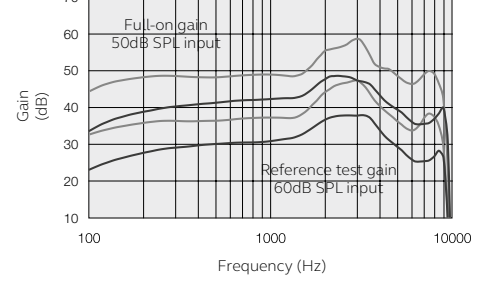
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler



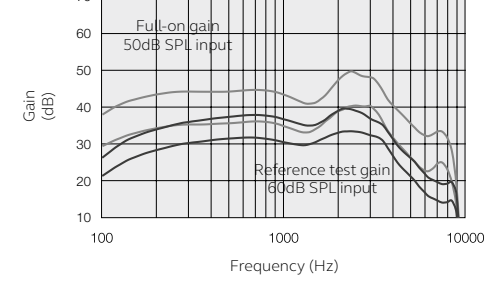
Patents pending

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Full-On and Reference Test Gain

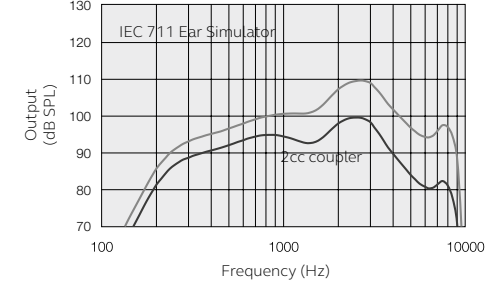


Full-On and Reference Test Gain

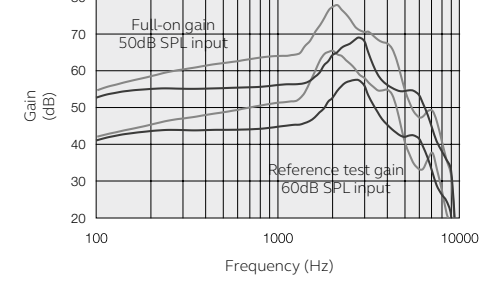


■ LP
■ MP

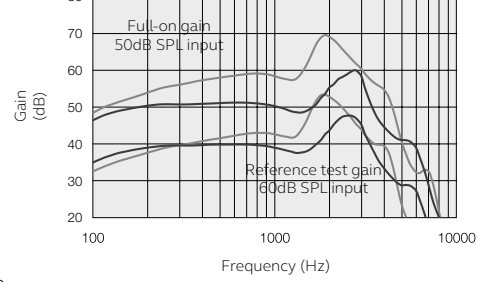
Full-On Telecoil Response
Input level 10 mA/m



Full-On and Reference Test Gain

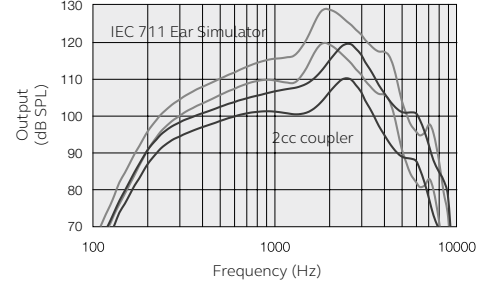


Full-On and Reference Test Gain



■ HP
■ UP

Full-On Telecoil Response
Input level 10 mA/m



Data compliant with IEC60118-0 Edition 3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V.

Technical specifications

| | | HP | | UP | | | |
|--|---------------------|--|--|--|--|--------|--|
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| Reference test gain (60 dB SPL input) | 1600 Hz/HFA | 47 | 42 | 60 | 47 | dB | |
| Full-on gain (50 dB SPL input) | Max. 1600 Hz/HFA | 69 58 | 60 53 | 78 70 | 70 62 | dB | |
| Maximum output (90 dB SPL input) | Max. 1600 Hz/HFA | 130 126 | 120 119 | 137 137 | 129 124 | dB SPL | |
| Total harmonic distortion | 500 Hz | 0.8 | 0.5 | 0.4 | 0.4 | % | |
| | 800 Hz | 1.9 | 0.8 | 1.0 | 0.5 | | |
| | 1600 Hz | 0.8 | 0.6 | 0.2 | 0.1 | | |
| | 3200 Hz | - | 0.2 | - | 0.1 | | |
| Telecoil sensitivity (1 mA/m input)* | Max. | 100 | 91 | 109 | 100 | dB SPL | |
| HFA - SPLIV @ 31.6 mA/m (ANSI) | HFA | 111 | 103 | 119 | 109 | | |
| Full-on telecoil sensitivity @ 1mA/m | 1600 Hz/HFA | 90 | 84 | 103 | 93 | | |
| Equivalent input noise, w/o noise reduction | | 26 | 24 | 20 | 23 | dB SPL | |
| 1/3 Octave Equivalent input noise, w/o noise reduction | 1600 Hz | 11 | 11 | 12 | 13 | dB SPL | |
| Frequency range IEC 60118-0: 2015 | | 100-7390** | 100-6710 | 100-7390** | 100-4810 | Hz | |
| Current Drain (Quiescent/Operating) | | 1.15/1.18 | 1.15/1.25 | 1.17/1.24 | 1.17/1.21 | mA | |

*Telecoil is only optional for the RE9ITC-DWT-HP, RE7ITC-DWT-HP, RESITC-DWT-HP, RE9ITC-DWT-UP, RE7ITC-DWT-UP, RESITC-DWT-UP.
**Measured according to IEC60118-0:2015, with 711 Ear Simulator coupler.