ReSound ONE™



RT88-DWC



RT88-DWHC

Model	RT988-DWC RT988-DWHC	RT788-DWC RT788-DWHC	RT588-DWC RT588-DWHC
Device Configurations			
Battery size 88-DWC & 88-DWHC	Rechargeable Lithium-Ion		
Control Options	PB and VC		
IP Classification	IP68		
Audiological Features			
Number of Channels	17	14	12
All Access Directionality	●		
Spatial Sense	●	●	
Ultra Focus	●		
Binaural Directionality III		●	
Binaural Directionality			●
Synchronized Soft Switching	●	●	●
Environmental Optimizer II	●		
Environmental Optimizer I		●	●
Noise Tracker II	5 settings	3 settings	2 settings
Expansion	3 settings	2 settings	On/Off
Impulse Noise Reduction	3 settings	3 settings	On/Off
Wind Guard	3 settings	2 settings	On/Off
Sound Shaper	●	●	●
DFS Ultra III (w/ Music Mode)	●	●	●
Synchronized Acceptance Manager	●	●	●
Tinnitus Sound Generator	●	●	●
Functional Features			
Ear to Ear Communication	●	●	●
Direct audio streaming	●	●	●
Direct Audio Input (DAI)	●	●	●
Telecoil (TC)	●	●	●
ReSound TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
ReSound Smart 3D™ app	●	●	●
Sound Enhancer (ReSound Smart 3D™ app)	●		
ReSound Assist			
Remote Fine Tuning	●	●	●
Remote Firmware Updates	●	●	●
ReSound Assist Live	●	●	●
Fitting Features			
Fitting Software Smart Fit™ 1.13 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Datalogging	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●

Made for iPhone | iPad | iPod

Works with android

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Charger



Charging cable



AC/DC Adaptor
(EU example)

Technical data	Desktop Charger
Dimensions	82mm x 36mm x 46mm / 3.2” x 1.4” x 1.8”
Weight	82 grams / 2.9 oz
Power Supply	USB power supply, 5 V
Charging time for the hearing instrument	< 40 °C (104F): 3 hours, depending on initial state of the battery
Wireless frequency between the hearing instrument and charger	2.4 GHz and 333 kHz
ESD tolerance	According to IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	+ 5 °C (41F) to + 40 °C (104F) at a relative humidity range of 15% to 90%, non-condensing
Storage temperature for charger and hearing instrument	– 25 °C (-13F) to + 5 °C (41F), + 5 °C (41F) to + 35 °C (95F) at a relative humidity up to 90%, non-condensing, > 35 °C (95F) to 70 °C (158F) at a water vapor pressure up to 50 hPa

401765011US-CA-VA-22.03-Rev.C

Manufacturer according to FDA:

Hearing aids
GN ReSound North America
8001 E Bloomington Freeway
Bloomington, MN 55420
USA
1-888-735-4327
resound.com

ReSound Government Services
8001 E Bloomington Freeway
Bloomington, MN 55420
USA
1-800-392-9932
resound.com/veterans

Manufacturer according to Health Canada:

Hearing aids
ReSound Canada
2 East Beaver Creek Road, Building 3
Richmond Hill, ON L4B 2N3
Canada
1-888-737-6863
resound.com

Manufacturer according to Health Canada:

Hearing aid charger
GN Hearing A/S
Lautrupbjerg 7
DK-2750 Ballerup
Denmark

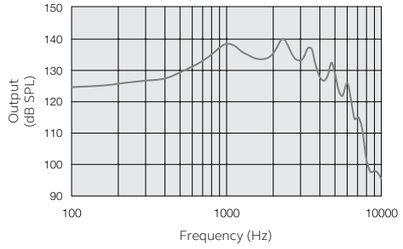
Technical specifications

		DWC - Plastic hook		
		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	57	52	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	75 67	67 61	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	140 134	133 129	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.7 1.3 0.4	0.7 0.6 0.3	%
Telecoil sensitivity (1 mA/m input)	Max.	105	97	
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	121	112	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	97	92	
Equivalent input noise, w/o noise reduction		23	20	dB SPL
1/3 Octave Equivalent input noise, w/o noise reduction	1600 Hz	11	10	dB SPL
Frequency range IEC60118-0:2015*		100-6440	100-5170	Hz
Battery Lifetime (Battery type Rechargeable)**		23	23	Hours

* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

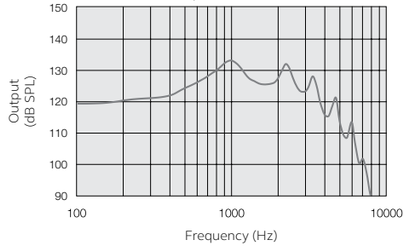
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)

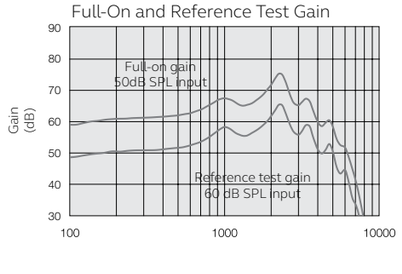


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

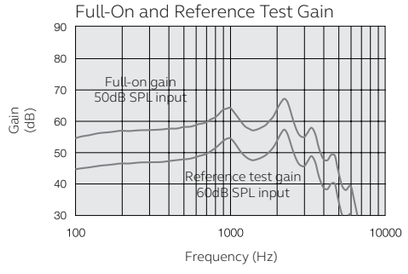
Maximum Output (OSPL 90)



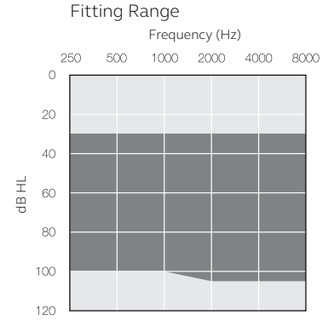
Full-On and Reference Test Gain



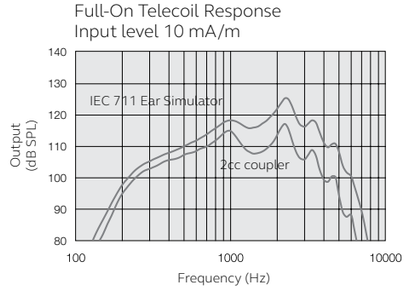
Full-On and Reference Test Gain



Fitting Range



Full-On Telecoil Response
Input level 10 mA/m



Patents pending

All specifications are subject to change without notice

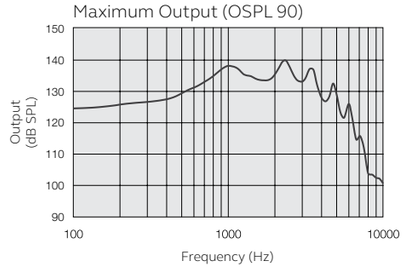
Technical specifications

		DWHC - Metal hook		
		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	59	52	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	80 72	73 67	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	140 134	133 129	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	1.0 1.8 0.5	0.7 1.0 0.4	%
Telecoil sensitivity (1 mA/m input)	Max.	110	102	
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	122	112	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	103	97	
Equivalent input noise, w/o noise reduction		23	20	dB SPL
1/3 Octave Equivalent input noise, w/o noise reduction	1600 Hz	11	11	dB SPL
Frequency range IEC60118-0:2015*		100-5430	100-4970	Hz
Battery Lifetime (Battery type Rechargeable)**		23	23	Hours

* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

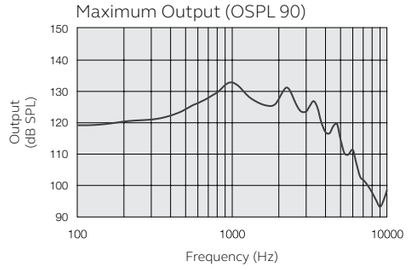
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)

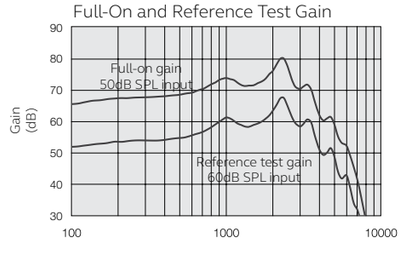


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

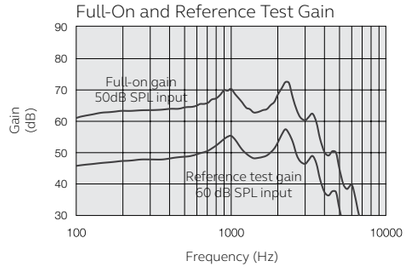
Maximum Output (OSPL 90)



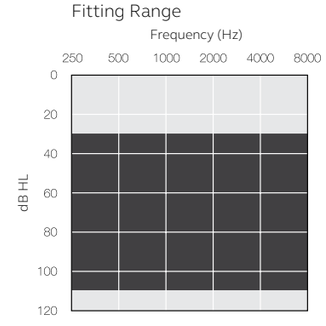
Full-On and Reference Test Gain



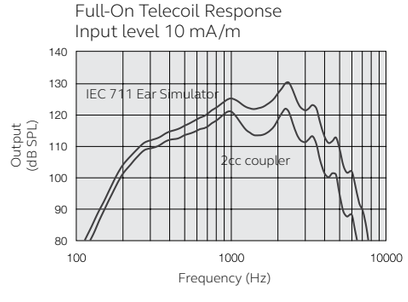
Full-On and Reference Test Gain



Fitting Range



Full-On Telecoil Response
Input level 10 mA/m



Patents pending

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