ReSound OMNIA™



ITC

Model	RU9ITC-DWC	RU7ITC-DWC	RU5ITC-DWC
Device Configurations			
Battery	Rechargeable Lithium-Ion		
Control Options	Push Button		
Receiver Options	LP, MP, HP, UP		
IP Classification	IP68		
Audiological Features			
Number of Channels	17	14	12
360 All-Around	●	–	–
All Access Directionality	–	●	–
Binaural Directionality III	–	–	●
Spatial Sense	●	●	●
Front Focus	●	–	–
Ultra Focus	–	●	–
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	●	●	●
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)	●	–	–
Remote Fine Tuning and Updates			
ReSound Assist	●	●	●
ReSound Assist Live	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Fitting Software Smart Fit™ 1.16 or higher	●	●	●
Fully Flexible Programs	4	4	4
Low Frequency Boost (UP receiver only)	3 settings	2 settings	On/Off
Auto DFS	●	●	●
Datalogging	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●

Made for iPhone | iPad | iPod

Works with android

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Custom Charger



Charging cable



AC/DC Adaptor
(EU example)

Technical data	Custom Charger
Dimensions	82.0 mm(L) x 48.0 mm(W) x 58 mm(H), tolerance is ±1.0 mm
Weight	108 g, tolerance is ±10 g.
Power Supply	USB power supply, 5 V
Power Connector	USB-C
Charging form factor (CFF)	Custom
Charging time for the hearing instrument	< 30 °C (86F): 5 hours, dependent on the initial state of charge of the battery
Wireless frequency between the hearing instrument and charger	2.4 GHz and 135.6 kHz
ESD tolerance	According to IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	+ 5 °C (41F) to + 30 °C (86F) 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 60 °C (140F) at a water vapor pressure up to 50 hPa

4022080111US-CA-VA-24.01-Rev.B

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:

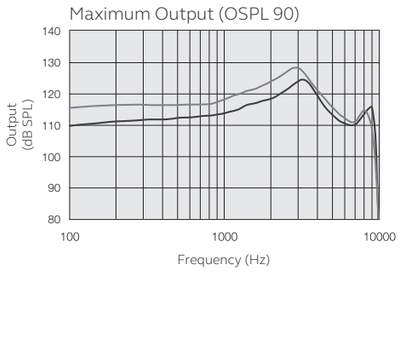
Hearing aid charger
GN Hearing A/S
Lautrupbjerg 7
DK-2750 Ballerup
Denmark

Technical specifications

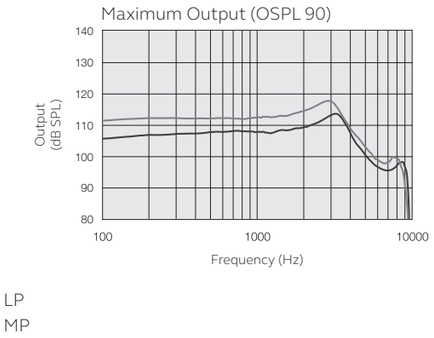
		LP		MP		
		IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear Simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear Simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	36	33	43	38	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	50 46	40 38	60 52	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	125 117	114 109	128 122	118 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.4 0.4 0.3 –	0.3 0.4 0.5 0.2	0.5 0.9 0.8 –	0.5 0.6 0.8 0.3	%
Equivalent input noise, w/o noise reduction		22	21	24	22	dB SPL
1/3 Octave Equivalent input noise, w/o noise reduction	1600 Hz	8	8	8	8	dB SPL
Frequency range IEC 60118-0: 2015*		100-9550	100-9260	100-9470	100-9040	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	Hours

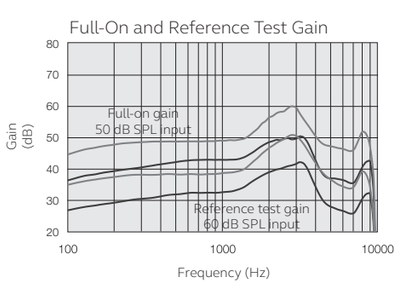
* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

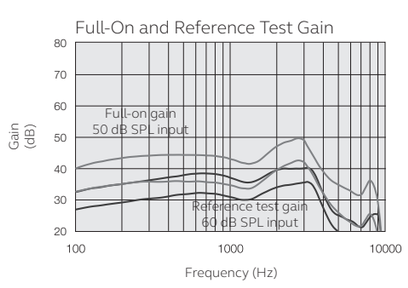
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

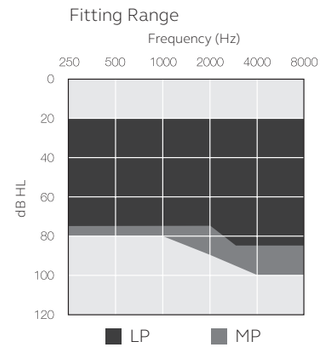


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler









Patents pending.

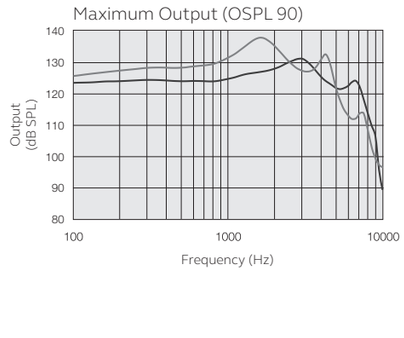
All specifications are subject to change without notice.

Technical specifications

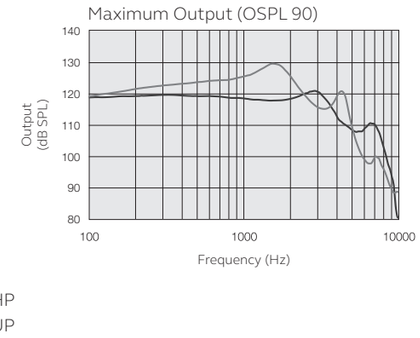
		HP		UP		
		IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear Simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear Simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	50	41	61	48	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	70 63	60 54	78 75	70 63	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	131 127	121 119	138 138	130 125	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.5 0.9 1.2 –	0.5 0.6 0.8 0.2	0.9 0.8 0.2 –	0.6 0.6 0.2 0.1	%
Equivalent input noise, w/o noise reduction		24	23	19	21	dB SPL
1/3 Octave Equivalent input noise, w/o noise reduction	1600 Hz	10	10	10	8	dB SPL
Frequency range IEC 60118-0: 2015*		100-8850	100-7740	100-7880	100-5770	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	Hours

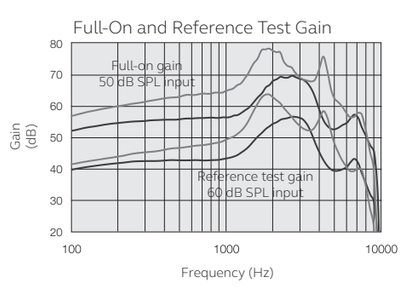
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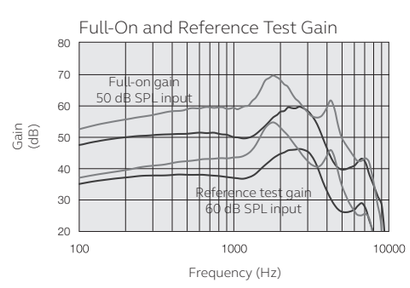
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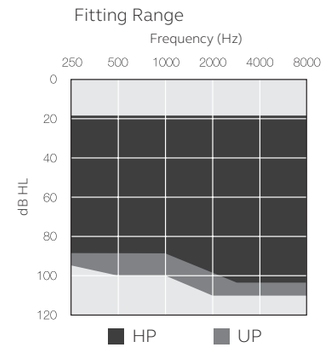


ANSI S3.22-2014
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2cc coupler









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