ReSound OMNIA™



ITE

Model	RU9ITE-DWC	RU7ITE-DWC	RU5ITE-DWC
Device Configurations			
Battery	Rechargeable Lithium-Ion		
Control Options	Push Button		
Receiver Options	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

40220901IUS-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:

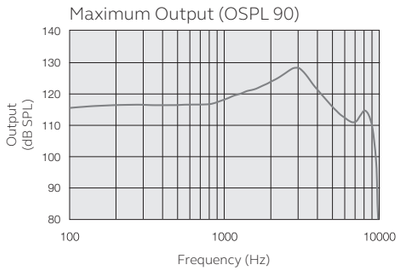
Hearing aid charger
GN Hearing A/S
Lautrupbjerg 7
DK-2750 Ballerup
Denmark

Technical specifications

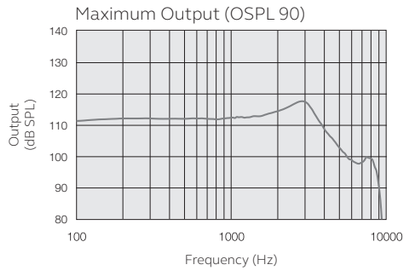
		MP		
		IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear Simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	43	38	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	60 52	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	128 122	118 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.6 0.8 0.9	0.6 0.6 0.7 0.3	%
Equivalent input noise, w/o noise reduction		24	22	dB SPL
1/3 Octave Equivalent input noise, w/o noise reduction	1600 Hz	8	8	dB SPL
Frequency range IEC 60118-0: 2015*		100-9510	100-9100	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	Hours

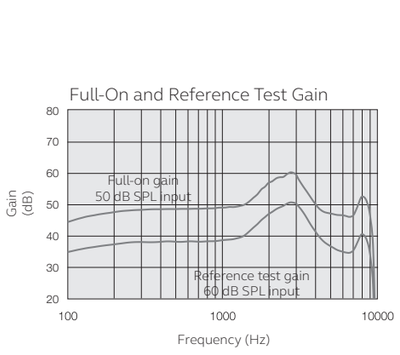
* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

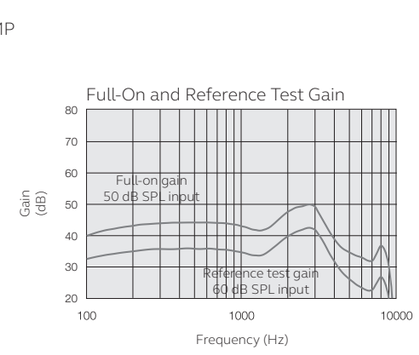
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

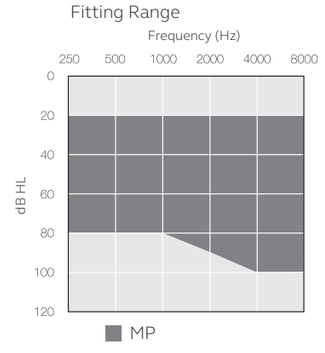


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler







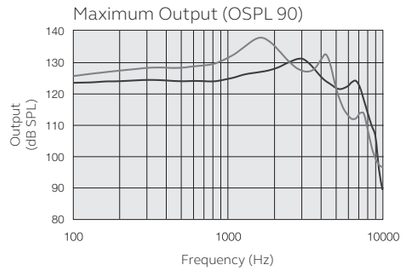


Technical specifications

		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

* 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

