ReSound ONE™



RT61-DRW RT61-DRWC RT62-DRW

Model (Standard Receivers)	RT961-DRW RT961-DRWC RT962-DRW	RT761-DRW RT761-DRWC RT762-DRW	RT561-DRW RT561-DRWC RT562-DRW
Device Configurations			
Battery size 61-DRW:	312 Zinc-Air		
Battery size 61-DRWC	Rechargeable Lithium-Ion		
Battery size 62-DRW	13 Zinc-Air		
Receiver Options	LP, MP, HP, UP		
Control Options	PB (61-DRW and 61-DRWC), Multi-Function button (62), Telecoil (62)		
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	●	●	●
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™ 1.8 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Datalogging	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●
Automatic Receiver Detection	●	●	●

Made for iPhone | iPad | iPod

Works with android

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Chargers



Premium charger C-1



Standard charger C-2

Technical data	Premium Charger	Standard Charger
Dimensions	99.4 x 35 x 67.5 mm / 3.9 x 1.4 x 2.7”	100.2 mm x 42 mm x 54.8 mm / 3.9 x 1.7 x 2.2"
Weight	145 grams/5.1 oz	95 gram / 3.3 oz
Power Supply	USB power supply, 5 V	USB power supply, 5 V
Internal Power Source	Rechargeable Lithium Ion battery, 3.6 V, 2600 mAh	N/A
Charging time for internal lithium ion battery in the charger	Max 3.5 hours, depending on initial state of the battery	N/A
Battery life (fully charged, not connected to grid power)	Min. three full charges of two hearing instruments, Without hearing instruments: 12 months	N/A
Charging time for the hearing instrument	< 40C (104F): 3 hours, depending on initial state of the battery	< 40C (104F): 3 hours, depending on initial state of the battery
Wireless frequency between the hearing instrument and charger	2.4 GHz and 333 kHz	2.4 GHz and 333 kHz
ESD tolerance	According to IEC 61000-4-2 Electrostatic discharge immunity test standard	According to IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	+ 5 °C to + 40 °C at a relative humidity range of 15 % to 90 %, non-condensing	+ 5 °C to + 40 °C at a relative humidity range of 15 % to 90 %, non-condensing
Storage temperature for charger and hearing instrument	– 25 °C to + 5 °C, + 5 °C to + 35 °C at a relative humidity up to 90 %, non-condensing, > 35 °C to 70 °C at a water vapor pressure up to 50 hPa	– 25 °C to + 5 °C, + 5 °C to + 35 °C at a relative humidity up to 90 %, non-condensing, > 35 °C to 70 °C at a water vapor pressure up to 50 hPa

4014060111US CA-21.08-Rev.C

Manufacturer according to FDA:

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1-888-735-4327
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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 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	41	32	46	37	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	63 54	53 46	69 60	58 52	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	123 116	113 108	126 121	116 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.6 0.6 0.5	0.5 0.2 0.4	0.8 1.3 0.8	0.6 0.6 0.7	%
Telecoil sensitivity (1 mA/m input)*	Max.	93	83	98	90	
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	102	92	107	97	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	83	76	89	83	
Equivalent input noise, w/o noise reduction		21	20	21	20	dB SPL
1/3 Octave Equivalent input noise, w/o noise reduction	1600 Hz	5	7	6	7	dB SPL
Frequency range IEC60118-0:2015**		100-9640	100-9410	100-9560	100-9160	Hz
Battery Lifetime (Battery type Rechargeable)***		30	30	30	30	Hours
Current Drain (Quiescent / Operating) (Model 61-DRW, 62-DRW)		0.81 / 1.03	0.81 / 1.04	0.81 / 0.91	0.81 / 1.04	mA

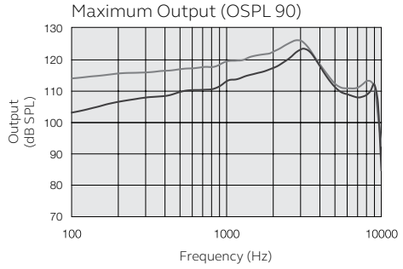
* Telecoil is only for the RTx62-DRW models.
** Measured according to IEC 60118-0:2015, with 711 Ear Simulator coupler.
*** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

Patents pending

All specifications are subject to change without notice

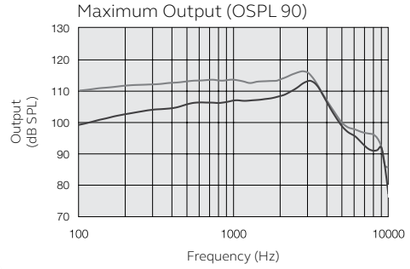
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)



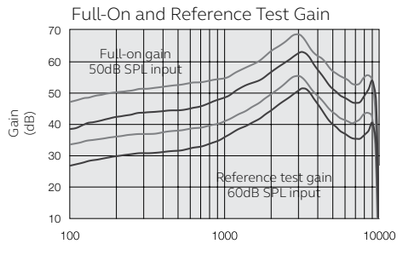
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

Maximum Output (OSPL 90)

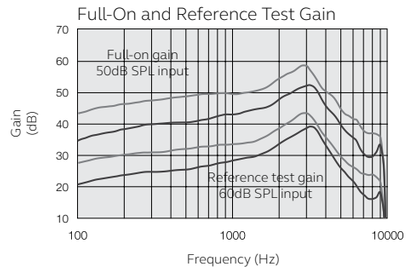


LP
MP

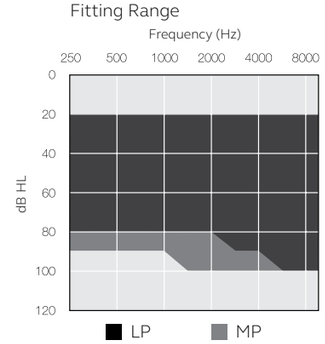
Full-On and Reference Test Gain



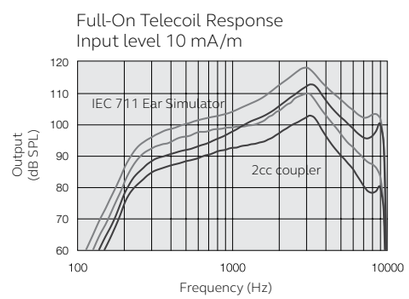
Full-On and Reference Test Gain



Fitting Range



Full-On Telecoil Response
Input level 10 mA/m



Technical specifications

		HP		UP		
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Reference test gain (60 dB SPL input)	1600 Hz/HFA	49	40	62	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	75 67	65 59	83 81	75 65	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	131 124	122 117	138 137	130 124	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.5 0.9 1.0	0.3 0.7 0.7	1.0 2.7 0.2	1.0 1.3 0.1	%
Telecoil sensitivity (1 mA/m input)*	Max.	105	95	114	106	
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	109	100	113	108	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	96	88	111	95	
Equivalent input noise, w/o noise reduction		21	20	12	22	dB SPL
1/3 Octave Equivalent input noise, w/o noise reduction	1600 Hz	6	7	7	9	dB SPL
Frequency range IEC60118-0:2015**		100-9320	100-7140	150-5360	100-5010	Hz
Battery Lifetime (Battery type Rechargeable)***		30	30	30	30	Hours
Current Drain (Quiescent / Operating) (Model 61-DRW, 62-DRW)		0.81 / 0.88	0.81 / 1.04	0.81 / 1.01	0.81 / 1.04	mA

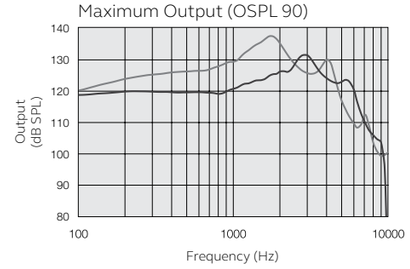
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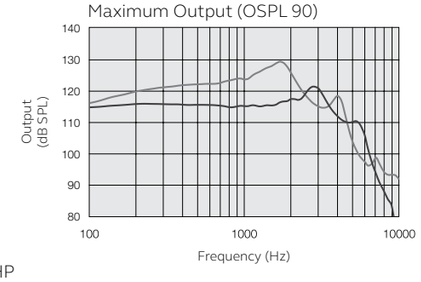
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)



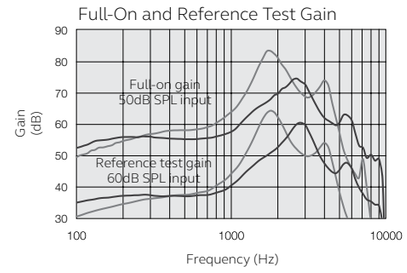
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

Maximum Output (OSPL 90)

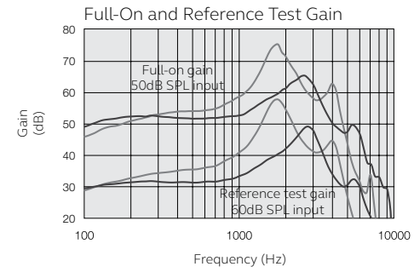


HP
UP

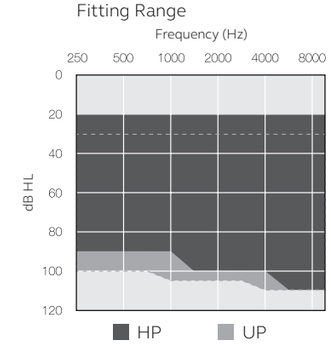
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Fitting Range



Full-On Telecoil Response
Input level 10 mA/m

