



Closed

Open

Model	RT971-DWC	RT771-DWC	RT571-DWC	RT471-DWC
Device Configurations				
Battery size	Rechargeable Lithium-Ion			
Control Options	PB			
IP Classification	IP68			
Audiological Features				
Number of Channels	17	14	12	12
All Access Directionality	●	●		
Spatial Sense	●	●		
Ultra Focus	●			
Binaural Directionality III		●		
Binaural Directionality			●	
Synchronised Soft Switching	●	●	●	●
Environmental Optimiser II	●			
Environmental Optimiser I		●	●	
Noise Tracker II	5 settings	3 settings	2 settings	On/Off
Expansion	3 settings	2 settings	On/Off	On/Off
Impulse Noise Reduction	3 settings	3 settings	On/Off	On/Off
Wind Guard	3 settings	2 settings	On/Off	On/Off
Sound Shaper	●	●	●	●
DFS Ultra III (w/ Music Mode)	●	●	●	●
Synchronised Acceptance Manager	●	●	●	●
Tinnitus Sound Generator	●	●	●	●
Functional Features				
Ear to Ear Communication	●	●	●	●
Direct audio streaming	●	●	●	●
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	4
Auto DFS	●	●	●	●
Datalogging	●	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●	●



Charger

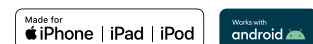


Charging cable



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 Hearing Instrument	< 40 °C (104F): 3 hours, depending on initial state of the battery
Wireless frequency between 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 vapour pressure up to 50 hPa



Technical Specifications

RT71-DWC (Closed)	
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	44	42	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	65 54	58 51	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	132 123	125 118	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.4 1.0 0.8	0.3 0.7 0.4	%
Telecoil sensitivity (1 mA/m input)	Max.	97	89	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	107	102	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	85	81	
Equivalent input noise, w/o Noise reduction		25	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	dB SPL
Frequency range IEC60118-0:2015*		100-8080	100-6380	Hz
Battery Lifetime (Battery type Rechargeable)**		25	25	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.

Technical Specifications

RT71-DWC (Open)	
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	39	35	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	58 50	51 44	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	125 117	122 111	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.2 0.1 0.8	0.2 0.1 0.4	%
Telecoil sensitivity (1 mA/m input)	Max.	90	82	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	102	96	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	80	76	
Equivalent input noise, w/o Noise reduction		24	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	9	dB SPL
Frequency range IEC60118-0:2015*		100-8430	100-6980	Hz
Battery Lifetime (Battery type Rechargeable)**		25	25	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.

Patents pending

All specifications are subject to change without notice

Patents pending

All specifications are subject to change without notice

