



RU88-DWC      RU88-DWC Metal Hook

Model	RU988-DWC	RU788-DWC	RU588-DWC	RU488-DWC
<b>Device Configurations</b>				
Battery size	Rechargeable Lithium-Ion			
Control Options	PB and VC			
IP Classification	IP68			
<b>Audiological Features</b>				
Number of Channels	17	14	12	12
360 All-Around	●	-	-	-
All Access Directionality	-	●	-	-
Binaural Directionality III	-	-	●	-
Binaural Directionality	-	-	-	●
Spatial Sense	●	●	●	-
Front Focus	●	-	-	-
Ultra Focus	-	●	-	-
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	●	●	●	●
<b>Functional Features</b>				
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)	●	●	●	●
<b>Remote Fine Tuning and Updates</b>				
ReSound Assist	●	●	●	●
ReSound Assist Live	●	●	●	●
Remote Firmware Updates	●	●	●	●
<b>Fitting Features</b>				
Fitting Software Smart Fit™ 1.16 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	82 mm x 36 mm x 46 mm / 3.2" x 1.4" x 1.8"
Weight	82 grams / 2.9 oz
Power Supply	USB power supply, 5 V
Charging form factor (CFF)	80
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



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**Worldwide Headquarters**  
GN ReSound A/S  
Lautrupbjerg 7  
DK-2750 Ballerup  
Denmark  
Tel: +45 4575 1111  
resound.com  
CVR no. 55082715

**United Kingdom**  
GN Hearing UK Ltd.  
Unit 13  
Talisman Business Centre  
Bicester  
Oxon OX26 6HR  
Tel: +44 1869 352800  
resound.com

**Australia**  
GN Hearing Australia Pty Ltd  
Gate C, 19-25 Khartoum Road  
Macquarie Technology Park  
Macquarie Park NSW 2113  
Tel: (free) 1800 658 955  
resound.com

**New Zealand**  
GN Hearing New Zealand Limited  
Ground Floor, North Entrance  
4 Fred Thomas Drive  
Takapuna, Auckland, 0622  
Tel: (free) 0800 900 126  
resound.com

**Singapore**  
GN Hearing Pte. Ltd.  
456 Alexandra Road  
#22-01  
Singapore 119962  
Tel: +65 6320 9388  
resound.com

# Technical Specifications

		RU88-DWC		
		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	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	121	112	
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)**		24	24	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

		RU88-DWC - 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	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	122	112	
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)**		24	24	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.  
 \*\*\* Metal hook version of RU88-DWC models are configured in fitting software with the metal hook accessory.

Patents pending.

All specifications are subject to change without notice.

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