



| Model | RU971-DWC | RU771-DWC | RU571-DWC | RU471-DWC |
|---|--------------------------|------------|------------|-----------|
| Device Configurations | | | | |
| Battery size | Rechargeable Lithium-Ion | | | |
| Control Options | PB | | | |
| IP Classification | IP68 | | | |
| Audiological Features | | | | |
| 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 | ● | ● | ● | ● |
| 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) | ● | ● | ● | ● |
| 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 | 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) | 70 |
| 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 |



© 2022 GN Hearing A/S. All rights reserved. ReSound is a trademark of GN Hearing A/S. Apple, the Apple logo, iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google LLC.

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

| RU71-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) | 1600 Hz/HFA | 65 54 | 58 51 | dB |
| Maximum output (90 dB SPL input) | 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)** | | 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

| RU71-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) | 1600 Hz/HFA | 58 50 | 51 44 | dB |
| Maximum output (90 dB SPL input) | 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)** | | 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.

Patents pending.

All specifications are subject to change without notice.

Patents pending.

All specifications are subject to change without notice.

