OTICON | **More** Technical data sheet

| 60 | 85 | 100 | 105 |
|----|----|-----|-----|
|----|----|-----|-----|

| | | More 1 | More 2 | More 3 |
|--------------------------------------------|-------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|
| | MoreSound Intelligence™ | Level 1 | Level 2 | Level 3 |
| | - Environment configuration | 5 Options | 5 Options | 3 Options |
| | - Virtual Outer Ear | 3 Configurations | 1 Configuration | 1 Configuration |
| бu | - Spatial Balancer | 100% | 60% | 60% |
| standi | - Neural Noise Suppression, Difficult / Easy | 10 dB / 4 dB | 6 dB / 2 dB | 6 dB / 0 dB |
| der | - Sound Enhancer | 3 Configurations | 2 Configurations | 1 Configuration |
| n | MoreSound Amplifier™ | • | • | • |
| Speech Understanding | Feedback Prevention | MoreSound Optimizer™ & Feedback shield | MoreSound Optimizer™ & Feedback shield | MoreSound Optimizer™ & Feedback shield |
| | Spatial Sound™ | 4 Estimators | 2 Estimators | 2 Estimators |
| | Soft Speech Booster | • | • | • |
| | Frequency lowering | Speech Rescue™ | Speech Rescue™ | Speech Rescue™ |
| ₹ | Clear Dynamics | • | • | - |
| uali | Better-Ear Priority | • | • | - |
| Õ p | Fitting Bandwidth* | 10 kHz | 8 kHz | 8 kHz |
| Sound Quality | Bass Boost (streaming) | • | • | • |
| | Processing Channels | 64 | 48 | 48 |
| ening Ifort | Transient Noise Management | 4 configurations | 3 configurations | 3 configurations |
| Listening Comfort | Wind Noise Management | • | • | • |
| ы | Fitting Bands | 24 | 20 | 18 |
| sati isin Ig | Multiple Directionality options | • | • | • |
| onalisa Iptimisi Fitting | Adaptation Manager | • | • | • |
| Personalisation & Optimising Fitting | Fitting Formulas | VAC+, NAL-NL1/ NAL-NL2, DSL 5.0 | VAC+, NAL-NL1/ NAL-NL2, DSL 5.0 | VAC+, NAL-NL1/ NAL-NL2, DSL 5.0 |
| - | Hands-free communication** | • | • | • |
| orlo | Direct streaming*** | • | • | • |
| Connecting to the world | Oticon ON App & Oticon RemoteCare App | • | • | • |
| tot | ConnectClip | • | • | • |
| ting | EduMic | • | • | • |
| Ject | Remote Control 3.0 | • | • | • |
| on | TV Adapter 3.0 | • | • | • |
| 0 | Phone Adapter 2.0 | • | • | • |
| | Tinnitus SoundSupport™ | • | • | • |
| | | | | |

*Bandwidth accessible for gain adjustments during fitting

**Available for Oticon More from FW 1.3 with selected iPhone models

***From iPhone®, iPad®, iPod touch®, and selected Android™ devices

Operating and charging conditions Temperature: +5°C to +40°C Relative humidity: 5% to 93%, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa
 Storage and transportation conditions

 Temperature and humidity should not exceed the below limits for extended periods during transportation and storage.

 Transport
 Storage

Temperature: -20°C to +60°C Relative humidity: 5% to 93%, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa Storage Temperature: -20°C to +30°C Relative humidity: 5% to 93%, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa

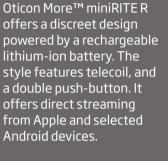
Apple, the Apple logo, iPhone, iPad, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.





^{Made for} ⊄iPhone | iPad | iPod





MoreSound Intelligence™ creates a more precise and natural representation of individual sounds with clearer and more distinct contrasts.

MoreSound Amplifier™ analyses details in sound, and optimally amplifies them for the brain to have access to relevant information.

Oticon More is built on the innovative Polaris[™] platform, which uses a deep neural network to rapidly and optimally manage incoming sounds based on individual needs. New features can be added and updates performed wirelessly.



For information on compatibility, please visit www.oticon.global/connectivity

miniRITE R 60

| 1 model 1 model 0 SPL90 0 SPL90 1 model | | | Ear Simulator Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010 | ECC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Image: Section of the sectin of the section of th | -10 | | | |
| Image: Section 1 is at the section of the sectin of the section of the section of the section o | | ten | | |
| Image: Display to the the two is downer | | 8 | | |
| □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ <th< td=""><td>125 250 500 1k 2k 4k 8k Hz</td><td></td><td></td><td></td></th<> | 125 250 500 1k 2k 4k 8k Hz | | | |
| Technical information Omnidirectional mode is used unless otherwise stated. 100 20 Hz 600 100 100 20 Hz 600 100 20 Hz 600 100 20 Hz 600 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 < | | | | |
| Image: construct of the set | | ise stated. | | |
| Image: Construction of the sector of the | | | | |
| OSPL901600 Hz110 dB SPL102 dB SPLHFA-OSPL90110 dB SPL103 dB SPLHFA-OSPL9046 dB36 dBHanama And | | | | |
| HFA-0SPL90110 dB SPL103 dB SPLPeak46 dB36 dBFull-on gain ¹ 1600 Hz37 dB29 dBHFA-0037 dB30 dB30 dBReference test gain61 dB SPL100 e9400 HzFrequency range10 mA/m fiel68 dB SPL-Telecoil output (1600 Hz)10 mA/m fiel88 dB SPL-SPLTS LR-83 dB SPL-Total harmonic distortion (Input 70 dB SPL)500 Hz-63 dB SPLTotal harmonic distortion (Input 70 dB SPL)60 dB SPLBuyHarmonic distortion (Input 70 dB SPL)0m H18 dB SPLCharlen terp terp terp terp terp terp terp terp | | Peak | 116 dB SPL | 106 dB SPL |
| Peak46 dB36 dBFull-on gain11600 Hz37 dB29 dBHFA-F0038 dB30 dBReference test gain61 31 dB26 dBFrequency range100-9600 Hz100-9400 HzTelecoil output (1600 Hz)10 mA/m fiel68 dB SPL68 dB SPLFrequency range10 mA/m fiel88 dB SPL98 dB SPLTelecoil output (1600 Hz)10 mA/m fiel88 dB SPL83/83 dB SPLFrequency range500 Hz< 83/83 dB SPL | OSPL90 | | | |
| Full-on gain ¹ 1600 Hz37 dB29 dBHFA-F0038 dB30 dBReference test gain13 dB26 dBFrequency range100-9600 Hz100-9400 HzFrequency range10 mA/m fiel68 dB SPL.Telecoil output (1600 Hz)10 mA/m fiel88 dB SPL.Frequency range500 HzTotal harmonic distortion (Input 70 dB SPL)500 HzFequivalent input noise level0min18 dB SPL.Battery0thBattery0thStartery0thBattery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0thStartery0th <t< td=""><td></td><td></td><td></td><td></td></t<> | | | | |
| HFA-FOG 38 dB 30 dB Reference test gain 31 dB 26 dB Frequency range 100-9600 Hz 100-9400 Hz Frequency range 1mA/m field 68 dB SPL . Telecoil output (1600 Hz) 10 mA/m field 88 dB SPL . SPLITS L/R . . . Total harmonic distortion (Input 70 dB SPL) 800 Hz . . 1600 Hz Papertent finput noise level Battery | Full-on gain ¹ | | | |
| Reference test gainS1 dB26 dBFrequency range100-9600 Hz100-9400 Hz1 mA/m fiel68 dB SPL.Telecoil output (1600 Hz)10 mA/m fiel88 dB SPLSPLIT SLR.83/83 dB SPLTotal harmonic distortion (Input 70 dB SPL)S00 Hz<2% | | | | |
| Frequency range 100-9600 Hz 100-9400 Hz Frequency range 1mA/m field 68 dB SPL - Telecoil output (1600 Hz) 10 mA/m field 88 dB SPL - SPLITS L/R - 83/83 dB SPL 83/83 dB SPL Total harmonic distortion (Input 70 dB SPL) 800 Hz <2 % | Reference test gain | | | |
| Telecoil output (1600 Hz) 10 mA/m field 888 dB SPL - SPLITS LR - 83/83 dB SPL Total harmonic distortion (Input 70 dB SPL) 500 Hz <2% | | | 100-9600 Hz | 100-9400 Hz |
| SPLITS L/R B3/83 dB SPL 500 Hz <2% | | 1 mA/m field | 68 dB SPL | - |
| 500 Hz <2% | Telecoil output (1600 Hz) | 10 mA/m field | 88 dB SPL | - |
| Total harmonic distortion (Input 70 dB SPL) 800 Hz <3% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% </td <td></td> <td></td> <td></td> <td></td> | | | | |
| 1600 Hz <2 % <2 % Equivalent input noise level 0mni 18 dB SPL 17 dB SPL Dir 26 dB SPL 28 dB SPL 28 dB SPL Battery Lithium-ion Lithium-ion Lithium-ion | | | | |
| Omni 18 dB SPL 17 dB SPL Equivalent input noise level Dir 26 dB SPL 28 dB SPL Battery Lithium-ion Lithium-ion Lithium-ion | Total harmonic distortion (Input 70 dB SPL) | | | |
| Equivalent input noise levelDir26 dB SPL28 dB SPLBatteryLithium-ionLithium-ion | | | | |
| Battery Lithium-ion Lithium-ion | Equivalent input noise level | | | |
| | Battery | Dii | | |
| | Expected operating time, hours ² | | | |

Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.
 Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

| | | Ear Simulator Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010 | ECC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 12 250 500 1k 2k 4k 8k Hz Hz | official and the second s | | |
| Omnidirectional mode is used unless oth | Acoustic input: 60 dB SPL Magnetic input: 31.6 mA/m | 100 200 Hz 500 1000 2000 Hz 5000 10000 Frequency Response dB SPL 00^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0} 0^{0 | 10 200 Hz 500 1000 2000 Hz 500 10000 Frequency Response dB SPL 100 100 100 100 100 100 100 100 100 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 100 |
| OSPL90 | Peak 1600 Hz HFA-OSPL90 | 116 dB SPL 110 dB SPL 110 dB SPL | 106 dB SPL 102 dB SPL 103 dB SPL |
| Full-on gain ¹ | Peak 1600 Hz HFA-FOG | 46 dB 37 dB 38 dB | 36 dB 29 dB 30 dB |
| Reference test gain | | 31 dB | 26 dB |
| Frequency range Telecoil output (1600 Hz) | 1 mA/m field 10 mA/m field SPLITS L/R | 100-7500 Hz 68 dB SPL 88 dB SPL - | 100-7500 Hz - - 83/83 dB SPL |
| Total harmonic distortion (Input 70 dB SPL | 500 Hz) 800 Hz 1600 Hz | <2 % <3 % <2 % | <2% <2% <2% |
| Equivalent input noise level | Omni Dir | 19 dB SPL 26 dB SPL | 17 dB SPL 29 dB SPL |
| Battery | | Lithium-ion | Lithium-ion |
| Expected operating time, hours ² | | 2 | 4 |

Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.
 Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

miniRITE R 85

| | | Ear Simulator Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010 | ECC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| o dB HL | | OSPL90 | OSPL90 |
| -10 UO PL -10 UO PL | Iten | dB SPL 100 100 100 200 Hz 500 1000 2000 Hz 5000 10000 | dB SPL 120 100 100 200 Hz 500 1000 2000 Hz 5000 10000 |
| | | Full-on Gain | Full-on Gain |
| 120 125 250 500 1k 2k 4k 8k Hz | | | |
| Mould, Bass & Power dome | | 50 | 50 |
| OpenBass dome | | 40 | |
| Technical information Omnidirectional mode is used unless otherw | wise stated. | 100 200 Hz 500 1000 2000 Hz 5000 10000 | 100 200 Hz 500 1000 2000 Hz 5000 10000 |
| | | Frequency Response | Frequency Response |
| | Acoustic input: 60 dB SPL Magnetic input: 31.6 mA/m | dB SPL 10 0 10 100 100 100 100 100 1 | dB SPL 100 100 100 100 200 Hz 500 1000 2000 Hz 5000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 100 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1 |
| | Peak | 127 dB SPL | 117 dB SPL |
| OSPL90 | 1600 Hz | 121 dB SPL | 113 dB SPL |
| | HFA-OSPL90 | 122 dB SPL | 114 dB SPL |
| | Peak | 66 dB | 55 dB |
| Full-on gain ¹ | 1600 Hz HFA-FOG | 53 dB 56 dB | 45 dB 48 dB |
| Reference test gain | | 46 dB | 48 dB 37 dB |
| Frequency range | | 100-9500 Hz | 100-8900 Hz |
| | 1 mA/m field | 84 dB SPL | - |
| Telecoil output (1600 Hz) | 10 mA/m field | 104 dB SPL | - |
| | | | |
| | SPLITS L/R | - | 94/94 dB SPL |
| | 500 Hz | <2% | <2% |
| Total harmonic distortion (Input 70 dB SPL) | 500 Hz 800 Hz | <2% <4% | <2% <2% |
| Total harmonic distortion (Input 70 dB SPL) | 500 Hz 800 Hz 1600 Hz | <2 % <4 % <5 % | <2% <2% <2% |
| Total harmonic distortion (Input 70 dB SPL) Equivalent input noise level | 500 Hz 800 Hz 1600 Hz Omni | <2 % <4 % <5 % 21 dB SPL | <2% <2% <2% 18 dB SPL |
| | 500 Hz 800 Hz 1600 Hz | <2 % <4 % <5 % | <2% <2% <2% |

Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.
 Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

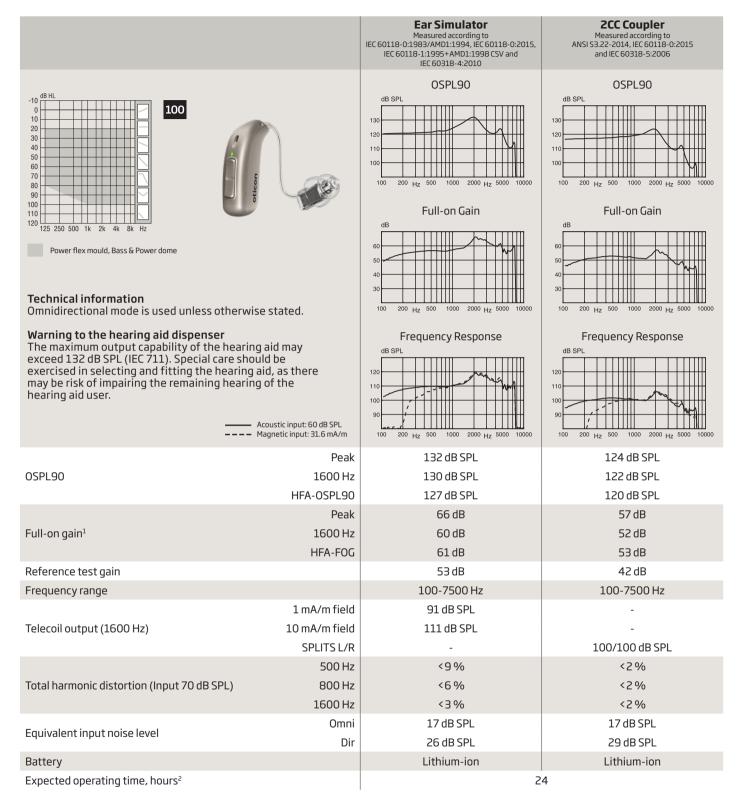
| | | Ear Simulator Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010 | ECC Coupler Measured according to ANSI 53.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 <td< td=""><td>rwise stated.</td><td></td><td></td></td<> | rwise stated. | | |
| = | Acoustic input: 60 dB SPL Magnetic input: 31.6 mA/m | Frequency Response | Frequency Response |
| OSPL90 | Peak 1600 Hz HFA-OSPL90 | 127 dB SPL 121 dB SPL 122 dB SPL | 117 dB SPL 113 dB SPL 114 dB SPL |
| Full-on gain ¹ | Peak 1600 Hz HFA-FOG | 66 dB 53 dB 56 dB | 55 dB 45 dB 48 dB |
| Reference test gain | | 46 dB | 37 dB |
| Frequency range Telecoil output (1600 Hz) | 1 mA/m field 10 mA/m field SPLITS L/R | 100-7500 Hz 84 dB SPL 104 dB SPL - | 100-7500 Hz - - 94/94 dB SPL |
| Total harmonic distortion (Input 70 dB SPL) | 500 Hz 800 Hz 1600 Hz | <2 % <4 % <5 % | <2 % <2 % <2 % |
| Equivalent input noise level | Omni Dir | 22 dB SPL 29 dB SPL | 18 dB SPL 27 dB SPL |
| Battery | | Lithium-ion | Lithium-ion |
| Expected operating time, hours ² | | 2 | 4 |

Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.
 Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

miniRITE R 100

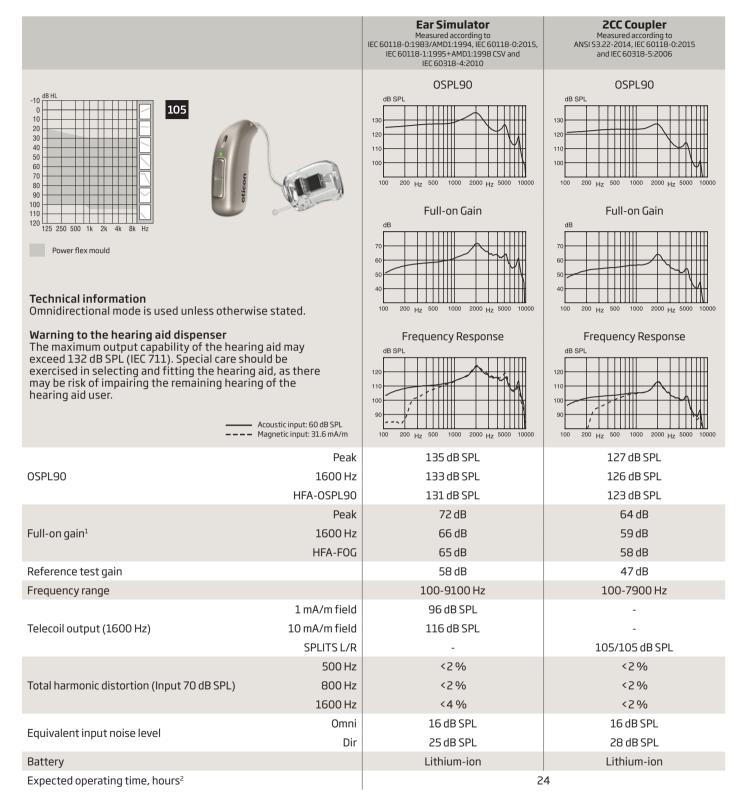
| Image: sector | | | Ear Simulator Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010 | ECC Coupler Measured according to ANSI 53.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Image: Constrained laws in the law | | | OSPL90 | OSPL90 |
| Hull-on Lain Full-on Lain Hull-on Lain Hull-on Lain Hull-on Lain Hull-on Lain Powerflex mould, Bass & Power dome Hull-on Lain Hull-on Lain Technical information Omnidirectional mode is used unless otherwise stated. Frequency Response Marring to the hearing aid dispenser be exercised in selecting and fitting the hearing aid as there exercised in selecting and fitting the hearing aid as there may be risk of impairing the remaining hearing of the hearing aid user. Frequency Response Marring to the hearing aid user. Peek 132 dB SPL 122 dB SPL OSPL90 1600 Hz 130 dB SPL 122 dB SPL 122 dB SPL Infl-on Uain HFA-OSPL90 122 dB SPL 122 dB SPL 122 dB SPL Frequency range 100 About the Abart the Abar | | otron | | |
| Preventer mound, Basic & Prower down Image: Constraint of the hearing aid dispenser the maining aid and system output capability of the hearing aid dispenser the maining did generating aid may be risk of impairing the remaining hearing of the hearing aid user. Frequency Response the function of the hearing aid and system output capability of the hearing aid statement output capability of the hearing aid the remaining hearing of the hearing aid user. Frequency Response the function of the hearing aid and system output capability of the hearing aid statement output capability of the hearing aid statement output capability of the hearing aid user. Frequency Response the function of the hearing aid statement output capability of the hearing aid statement output capability of the hearing aid user. Frequency Response the function of the hearing aid statement output capability of the hearing aid statement output capability of the hearing aid user. Frequency Response the function of the hearing aid may be readed to the hearing aid user. OSPL90 1600 Hz 132 dB SPL 122 dB SPL Inlon gain ¹ 1600 Hz 130 dB SPL 122 dB SPL Frequency range 66 dB 52 dB Frequency range 100 - B900 Hz 100 - 7500 Hz Inlon Am field 111 dB SPL - Total harmonic distortion (Input 70 dB SPL) 800 Hz 33 Hz - Intervence 100 - 100 Hz 100 - 100 Hz 23 Hz Intervenchearing aid statement output to isole sterili | | | | |
| The maximum output capability of the hearing aid may exceed 132 dB SPL (ET 21). Special care should be exercised in selecting and fitting the hearing aid, as there may be risk of impairing the remaining hearing of the hearing aid user.Impairing the remaining hearing of the he | Power flex mould, Bass & Power dome Technical information | therwise stated. | 50 40 30 | |
| Accustic input: 50 dB SPL Image and input: 50 dB SPL Image and input: 50 dB SPL OSPL90 160 Hz 132 dB SPL 122 dB SPL 0SPL90 160 Hz 130 dB SPL 122 dB SPL HFA-OSPL90 127 dB SPL 120 dB SPL 120 dB SPL Megnetic input: 50 dB SPL 120 dB SPL 120 dB SPL 120 dB SPL Megnetic input: 50 dB SPL 120 dB SPL 120 dB SPL 120 dB SPL Megnetic input: 50 dB SPL 66 dB 57 dB 120 dB SPL Megnetic input: 50 dB SPL 66 dB 52 dB 100 dB Megnetic input: 50 dB SPL 66 dB 53 dB 100 dB Federence test gain 53 dB 42 dB 100 dB 1 | The maximum output capability of the exceed 132 dB SPL (IEC 711). Special ca exercised in selecting and fitting the h may be risk of impairing the remaining | hearing aid may ire should be earing aid, as there | dB SPL | dB SPL |
| OSPL901600 H130 dB SPL122 dB SPLHFA-0SPL90127 dB SPL120 dB SPLHFA-0SPL9066 dB57 dBFull-on gain ¹ 1600 Hz60 dB52 dBHFA-F0061 dB53 dB64 dBFrequency range100-8900 Hz100-7500 HzFrequency range10 A/m fried91 dB SPL-Telecoil output (1600 Hz)10 mA/m fried91 dB SPL-SPLTSL7-100/100 dB SPL100/100 dB SPLFrequency range500 Hz-100/100 dB SPLTotal harmonic distortion (Input 70 dB SPLS00 Hz< | | | ~~ » 1 | |
| HFA-0SPL90127 dB SPL120 dB SPLPeak66 dB57 dBFull-on gain ¹ 1600 Hz60 dB52 dBHFA-00061 dB53 dB61 dBReference test gain53 dB42 dBFrequency range100-8900 Hz100-7500 HzFrequency range10 mA/m field91 dB SPL-Telecoil output (1500 Hz)10 mA/m field111 dB SPL-SPLITS LR-100/100 dB SPL100/100 dB SPLForal harmonic distortion (Input 70 dB SPL)600 Hz<3% | | | | |
| Peak 66 dB 57 dB Full-on gain ¹ 1600 Hz 60 dB 52 dB HFA-F00 61 dB 63 dB 53 dB Reference test gain 61 dB 64 d2 dB 64 d2 dB Frequency range 100-8900 Hz 100-7500 Hz 100-7500 Hz Telecoil output (1600 Hz) 10 mA/m fied 91 dB SPL - - SPLITS LR - 100/100 dB SPL - - Total harmonic distortion (Input 70 dB SPL) 800 Hz 66 % < 2 % | OSPL90 | | | |
| Full-on gain ¹ 1600 Hz60 dB52 dBHFA-F0061 dB53 dBReference test gain53 dB42 dBFrequency range100-9000 Hz100-7500 HzTelecoil output (1600 Hz)10 mA/m fied91 dB SPLTelecoil output (1600 Hz)10 mA/m fied111 dB SPLFrequency range500 Hz100/100 dB SPLTotal harmonic distortion (Input 70 dB SPL)500 Hz<3% | | | | |
| HFA-FOG 61 dB 53 dB Reference test gain 61 dB 42 dB Frequency range 100-8900 Hz 100-7500 Hz Frequency range 1 mA/m fied 91 dB SPL . Telecoil output (1600 Hz) 10 mA/m fied 111 dB SPL . SPLITS L/R . . . Total harmonic distortion (Input 70 dB SPL) 800 Hz . . 1600 Hz Paulot harmonic distortion (Input 70 dB SPL) 800 Hz . . . 1600 Hz Paulot harmonic distortion (Input 70 dB SPL) Butery <td< td=""><td>Full-on gain¹</td><td></td><td></td><td></td></td<> | Full-on gain ¹ | | | |
| Frequency range 100-8900 Hz 100-7500 Hz Frequency range 1 mA/m field 91 dB SPL - Telecoil output (1600 Hz) 10 mA/m field 1111 dB SPL - SPLITS L/R - 100/100 dB SPL Total harmonic distortion (Input 70 dB SPL) 800 Hz <9% | - | HFA-FOG | 61 dB | 53 dB |
| 1 mA/m field 91 dB SPL - Telecoil output (1600 Hz) 10 mA/m field 1111 dB SPL - SPLITS L/R - 100/100 dB SPL Total harmonic distortion (Input 70 dB SPL) 800 Hz <6% | Reference test gain | | 53 dB | 42 dB |
| Telecoil output (1600 Hz) 10 mA/m field 111 dB SPL - SPLITS L/R - 1000100 dB SPL SPLTS L/R - 1000100 dB SPL Total harmonic distortion (Input 70 dB SPL) 800 Hz <9% | Frequency range | | 100-8900 Hz | 100-7500 Hz |
| SPLITS L/R - 100/100 dB SPL 500 Hz <9% | | 1 mA/m field | 91 dB SPL | - |
| 500 Hz <9% | Telecoil output (1600 Hz) | | 111 dB SPL | - |
| Total harmonic distortion (Input 70 dB SPL) 800 Hz <6 % <2 % 1600 Hz <3 % | | | - | |
| 1600 Hz <3 % <2 % Paper Pap | | | | |
| DemoDemo17 dB SPL16 dB SPLEquivalent input noise levelDir26 dB SPL28 dB SPLBatteryLithium-ionLithium-ion | iotal harmonic distortion (Input 70 dB SP | | | |
| Equivalent input noise levelDir26 dB SPL28 dB SPLBatteryLithium-ionLithium-ion | | | | |
| Battery Lithium-ion Lithium-ion | Equivalent input noise level | | | |
| | Battery | | | |
| | Expected operating time, hours ² | | | |

Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.
 Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.



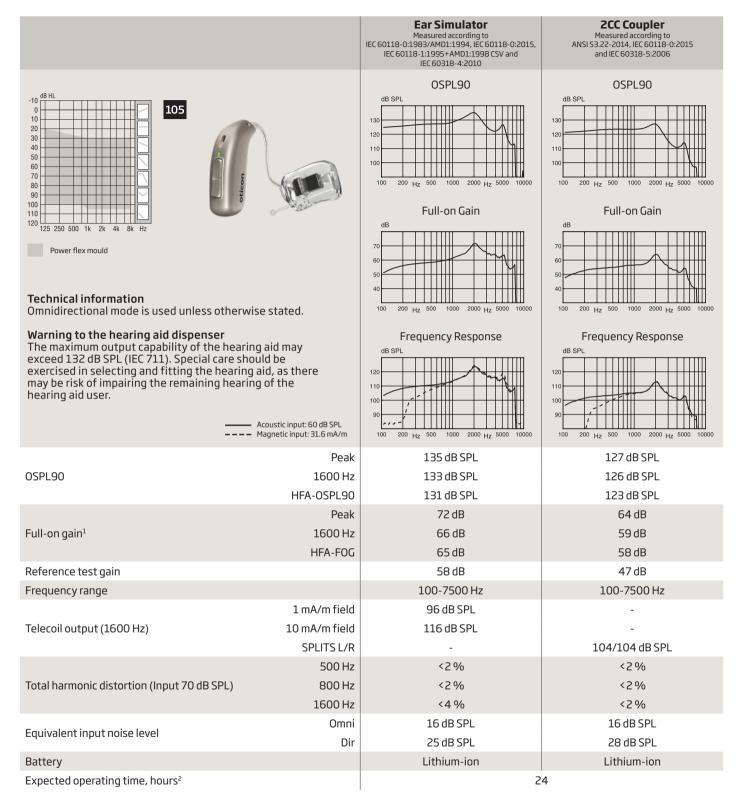
¹⁾ Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

²⁾ Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.



¹⁾ Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

²⁾ Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.



¹⁾ Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

²⁾ Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

Notes

| |
|------|
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

Notes

| |
|------|
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

Headquarters Oticon A/S Kongebakken 9 DK-2765 Smørum Denmark SBO Hearing A/S Kongebakken 9 DK-2765 Smørum Denmark

