Oticon Opn S™ miniRITE offers discreet design with 312 battery and single push button.

OpenSound Navigator™ helps users to select and understand speech in all types of environments by balancing the sound sources and attenuating noise.

OpenSound Optimizer™ improves users listening experience and comfort by blocking feedback and securing the targeted amplification of sound sources.

TwinLink™ wireless technology combines binaural communication and 2.4 GHz connectivity with stereo streaming directly from digital devices.

Oticon Opn S is built on the powerful Velox S™ platform which has a programmable firmware architecture, supporting future performance updates.

### Technical data sheet

<table>
<thead>
<tr>
<th>Oticon Opn S 1</th>
<th>Oticon Opn S 2</th>
<th>Oticon Opn S 3</th>
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</thead>
<tbody>
<tr>
<td>OpenSound Navigator™</td>
<td>Level 1</td>
<td>Level 2</td>
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<tr>
<td>• Balancing power effect</td>
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</tr>
<tr>
<td>• Max. noise removal</td>
<td>9 dB</td>
<td>5 dB</td>
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<tr>
<td>OpenSound Optimizer™</td>
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<td>•</td>
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<td>Speech Guard™ LX</td>
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<td>Spatial Sound™ LX</td>
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<td>Soft Speech Booster LX</td>
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<td>Speech Rescue™ LX</td>
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<td>Clear Dynamics</td>
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<td>Spatial Noise Management</td>
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<tr>
<td>Fitting Bandwidth*</td>
<td>10 KHz</td>
<td>8 KHz</td>
</tr>
<tr>
<td>Processing Channels</td>
<td>64</td>
<td>48</td>
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<td>Bass Boost (streaming)</td>
<td>•</td>
<td>•</td>
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<tr>
<td>Transient Noise Management</td>
<td>4 configurations</td>
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<td>Feedback shield LX</td>
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<td>Wind Noise Management</td>
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<td>YouMatic™ LX</td>
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<td>Fitting Bands</td>
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<td>Multiple Directionality Options</td>
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<td>Adaptation Management</td>
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<td>Oticon Firmware Updater</td>
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</tr>
<tr>
<td>Fitting Formulas</td>
<td>VAC+, NAL-NL1 + 2, DSL v5.0</td>
<td>VAC+, NAL-NL1 + 2, DSL v5.0</td>
</tr>
<tr>
<td>Stereo streaming (2.4 GHz)</td>
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<td>Oticon ON App</td>
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<tr>
<td>ConnectClip</td>
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<td>•</td>
</tr>
<tr>
<td>Remote Control 3.0</td>
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<tr>
<td>TV Adapter 3.0</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Phone Adapter 2.0</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Tinnitus SoundSupport™</td>
<td>•</td>
<td>•</td>
</tr>
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</table>

* Bandwidth accessible for gain adjustments during fitting.

**Operating conditions**
- Temperature: +1°C to +40°C
- Relative humidity: 5% to 93%, non-condensing

**Storage and transportation conditions**
- Temperature and humidity should not exceed the following limits for extended periods during transportation and storage.
  - Temperature: -25°C to +60°C
  - Relative humidity: 5% to 93%, non-condensing

For information on compatibility, please visit www.oticon.com/support
Technical data

Ear Simulator
Measured according to:
2) ANSI S3.22-2014

2CC Coupler
Measured according to:

Technical information

Omnidirectional mode is used unless otherwise stated.

Oticon Opn S 1

Expected battery life, hours (battery size 312 - IEC PR41) 60-65
IRL (IEC 60118-13:2011)
800/1400/2000 MHz: 21/2/2 dB SPL

Oticon Opn S 2 & 3

Expected battery life, hours (battery size 312 - IEC PR41) 60-65
IRL (IEC 60118-13:2011)
800/1400/2000 MHz: 21/2/2 dB SPL

1) Measured with the gain control of the hearing aid set to its 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+A1:1994 but without influence of feedback.
3) Based on the standardized battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.
4) Measured in a clean environment as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (25% of the time).
**Technical data**

- **Ear Simulator**

- **2CC Coupler**
  - Measured according to ANSI S3.22-2014, IEC 60118-0:2015/AMD1:2015 and IEC 60118-0:2015

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**Technical information**

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3) Based on the standardized battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.

4) Battery life is shown as an estimated interval based on in-real use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (20% of the time) and streaming from a mobile phone (30% of the time).
Technical data

**Oticon Opn S 1**

**Ear Simulator**
Measured according to

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Measured according to

**Technical information**

Omnidirectional mode is used unless otherwise stated.

**Instrument warning**
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing aid user.

1) Measured with the gain control of the hearing aid set to its 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 60118-0:1994 but without influence of feedback.


4) Battery consumption is shown as an estimated interval based on initial use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (20% of the time) and streaming from a mobile phone (20% of the time).

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**Oticon Opn S 2 & 3**

**Ear Simulator**
Measured according to

**2CC Coupler**
Measured according to

**Technical information**

Omnidirectional mode is used unless otherwise stated.

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Oticon Opn S 1

Technical data

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<td>OSPL90 Peak</td>
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</tr>
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<td>HFA-FOG Peak</td>
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<td>Reference test</td>
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Telecoil output (1600 Hz)

- 1 mA/m field
- 10 mA/m field
- SL/PL/R

Total harmonic distortion (Input 70 dB SPL)

- 500 Hz <2 %
- 1000 Hz <2 %
- 1600 Hz <3 %

Equivalent input noise level

- Omni 18 dB SPL
- Directional 28 dB SPL

Battery consumption

- Typical 1.6 mA
- Quiescent 1.5 mA

Battery life, artifical measurement, hours

- IRL (IEC 60118-1:2011) 45-65

Expected battery life, hours (battery size 312 - IC: PR41)*

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<th>800/1400/2000 MHz</th>
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3) Blind test battery consumption measurement (IEC 60118-0:1998/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and battery consumption.

4) Expected battery life is shown as an estimated time based on in-field cases with variable amplification settings and variable input levels. IRL: direct streaming from a TV (20% of the time) and streaming from a mobile phone (30% of the time).

Oticon Opn S 2 & 3

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3) Blind test battery consumption measurement (IEC 60118-0:1998/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and battery consumption.

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