OTICON | Opn S

Technical data sheet

miniRITF R









		Oticon Opn S 1	Oticon Opn S 2	Oticon Opn S 3
Speech Understanding	OpenSound Navigator™	Level 1	Level 2	Level 3
	- Balancing power effect	100%	50%	50%
	- Max. noise removal	9 dB	5 dB	3 dB
	OpenSound Optimizer™	•	•	•
	Speech Guard™ LX	Level 1	Level 2	Level 3
	Spatial Sound™ LX	4 estimators	2 estimators	2 estimators
	Soft Speech Booster LX	•	•	•
	Speech Rescue™ LX	•	•	•
Sound Quality	Clear Dynamics	•	•	-
	Spatial Noise Management	•	•	-
	Fitting Bandwidth*	10 KHz	8 KHz	8 KHz
	Processing Channels	64	48	48
	Bass Boost (streaming)	•	•	•
Listening Comfort	Transient Noise Management	4 configurations	On/Off	On/Off
	Feedback shield LX	•	•	•
	Wind Noise Management	•	•	•
Personalization & Optimizing Fitting	YouMatic™ LX	3 configurations	2 configurations	1 configuration
	Fitting Bands	16	14	12
	Multiple Directionality Options	•	•	•
	Adaptation Management	•	•	•
	Oticon Firmware Updater	•	•	•
	Fitting Formulas	VAC+, NAL-NL1 + 2, DSL v5.0	VAC+, NAL-NL1 + 2, DSL v5.0	VAC+, NAL-NL1 + 2, DSL v5.0
Connecting to the World	Stereo streaming (2.4 GHz)	•	•	•
	Oticon ON App	•	•	•
	ConnectClip	•	•	•
	Remote Control 3.0	•	•	•
	TV Adapter 3.0	•	•	•
	Phone Adapter 2.0	•	•	•
	Tinnitus SoundSupport™	•	•	•

^{*} Bandwidth accessible for gain adjustments during fitting

Operating conditions

Temperature: +5°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.

Transport:

Temperature: -20°C to +60°C Relative humidity: 5% to 93%, non-condensing

Storage:

Temperature: -20°C to +30°C

Relative humidity: 5% to 93%, non-condensing



Oticon Opn S™ miniRITE R is a discreet style powered by rechargeable lithium-ion battery. The inductive charger ensures reliable and fast charging within 3 hours for a full charge.

miniRITE R features a telecoil and a convenient double pushbutton.

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.



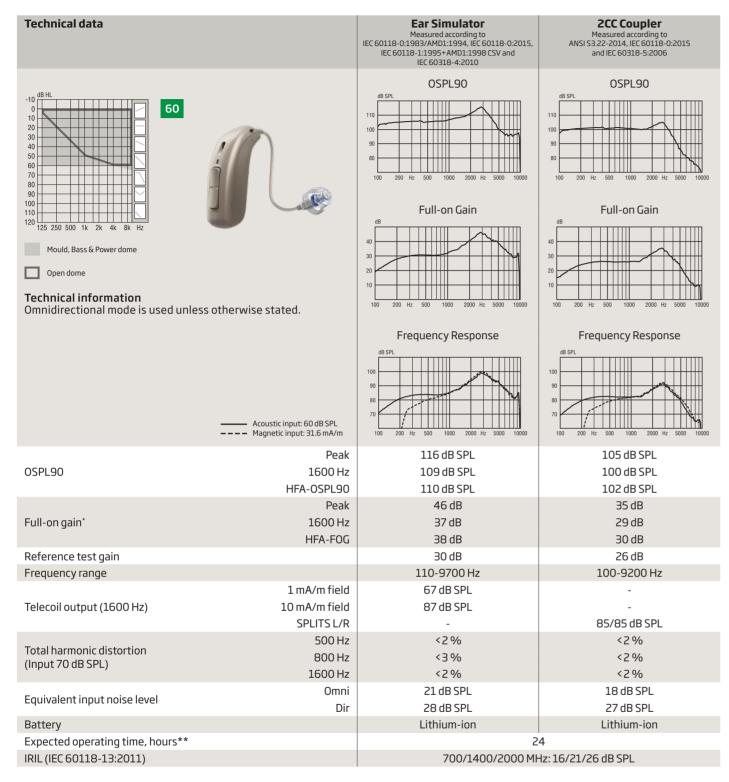






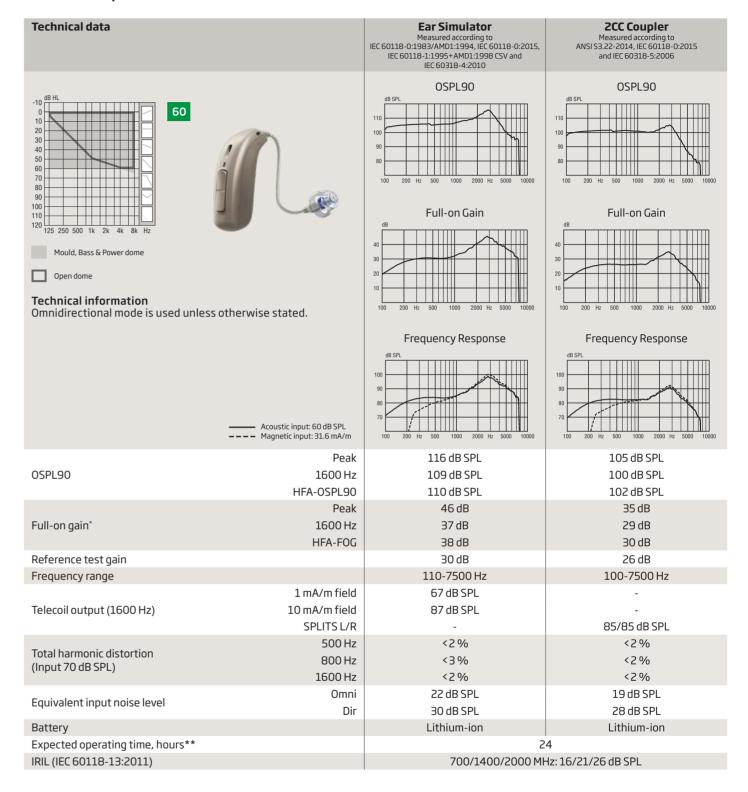


Oticon Opn S 1 miniRITE R 60



Oticon Opn S 2 & 3

miniRITE R 60



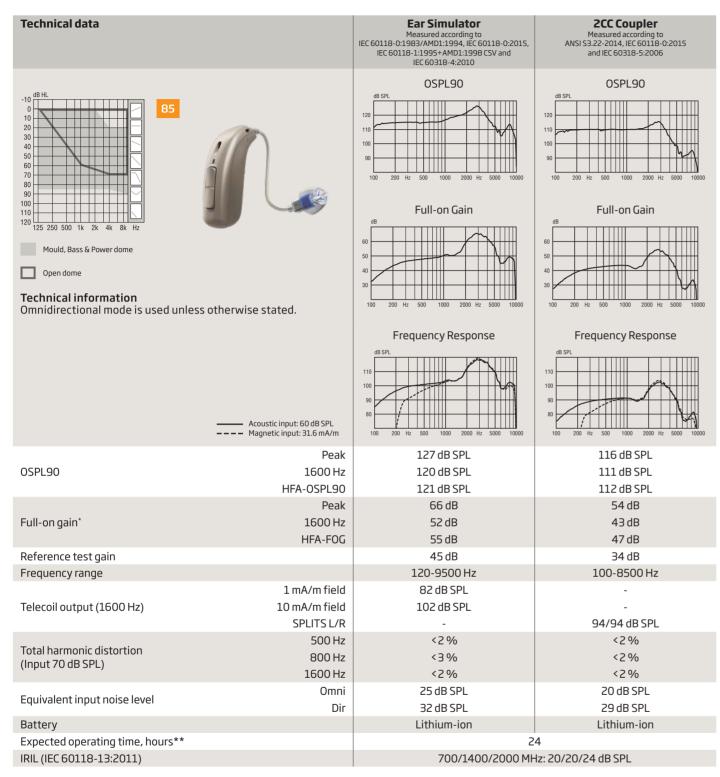
^{*} Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

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

^{*} 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.

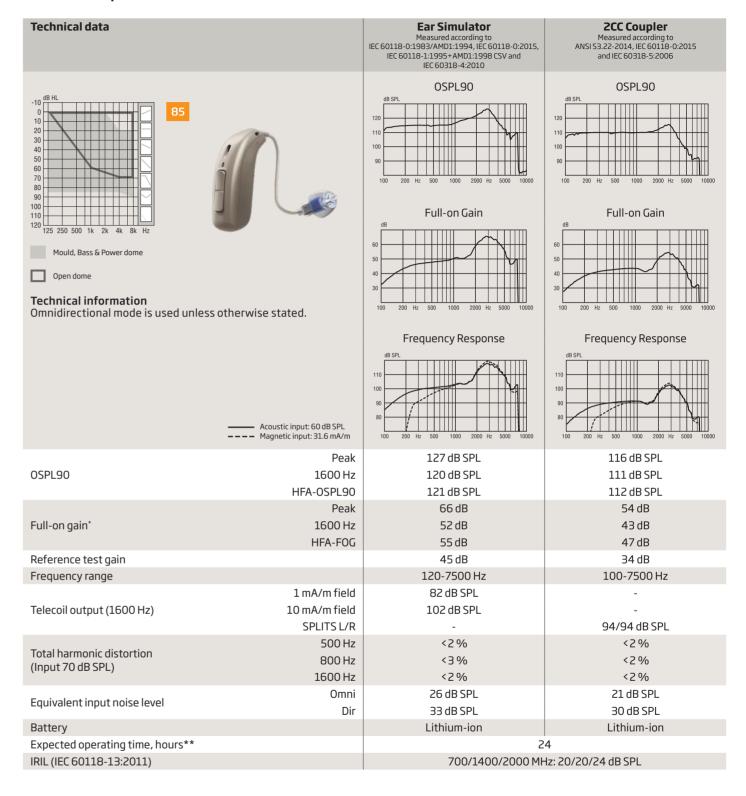
^{**} Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

Oticon Opn S1 miniRITER85



Oticon Opn S 2 & 3

miniRITER85



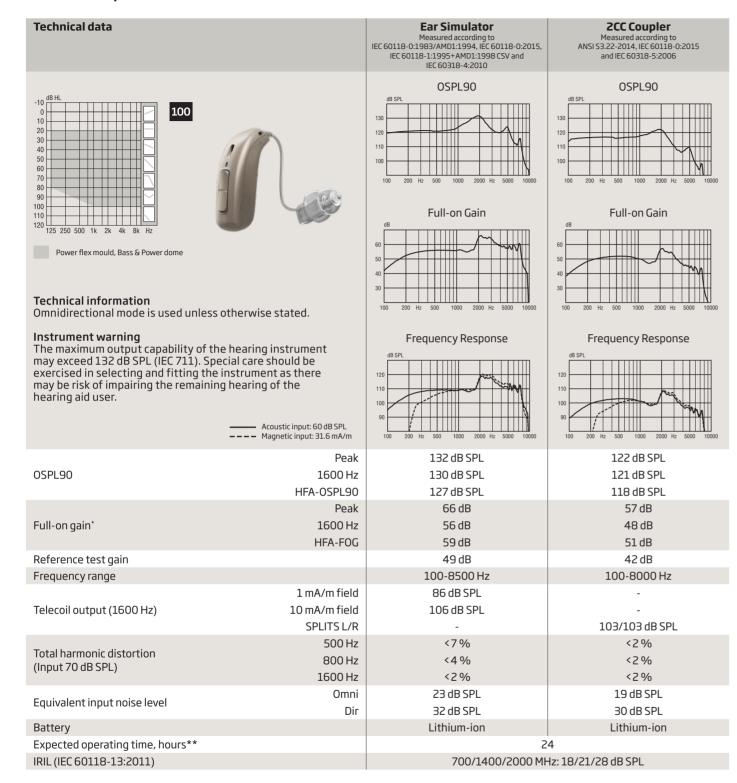
Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.
 ** Expected operating time for rechargeable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

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.

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

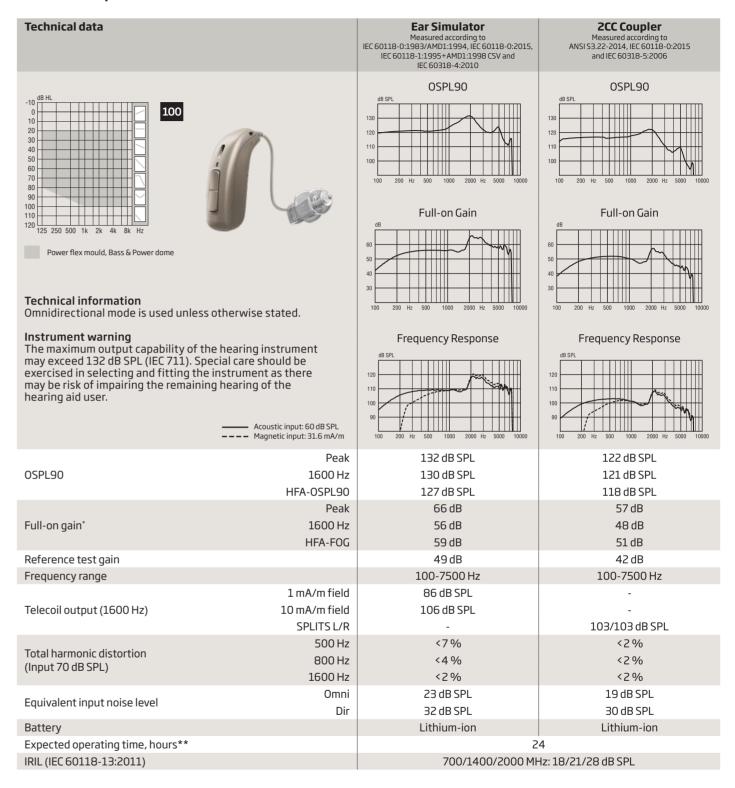
Oticon Opn S1

miniRITE R 100



Oticon Opn S 2 & 3

miniRITE R 100



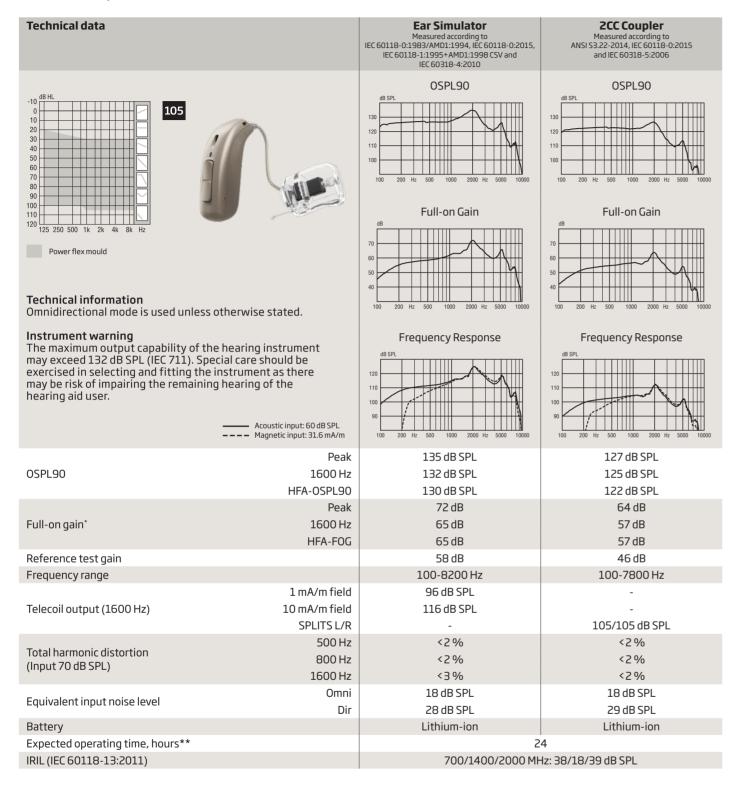
^{*} Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

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

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.

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

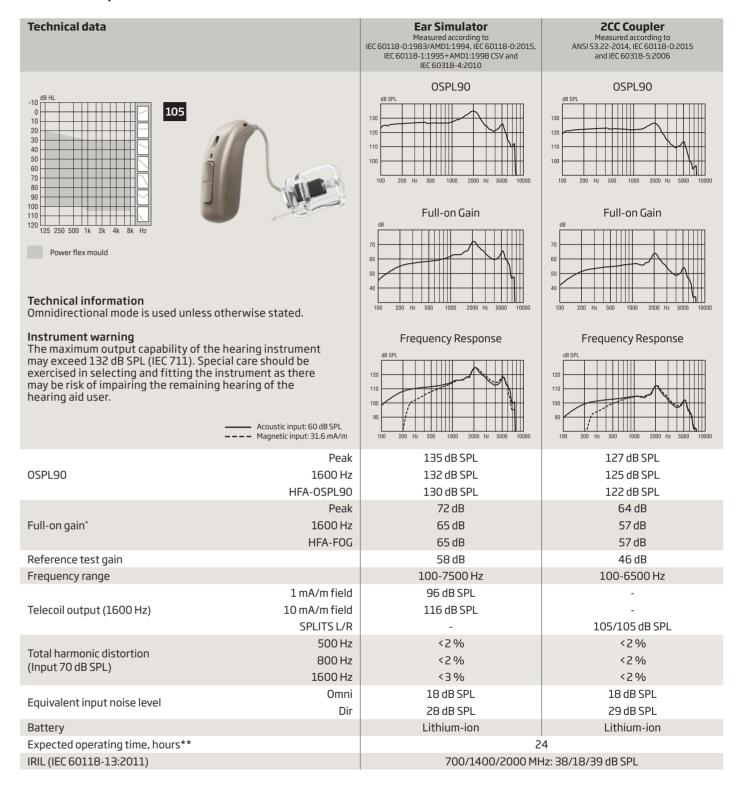
Oticon Opn S 1 miniRITE R 105



* 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.

Oticon Opn S 2 & 3

miniRITE R 105



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

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.

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

Charger 1.0 miniRITE R

The charger is designed for recharging miniRITE R, part of Oticon Opn S[™] families.

The charger is based on inductive technology. It wirelessly charges the hearing aids within three hours.

A magnetic connection ensures the hearing aids always stay in the charger.

The charger is designed to simplify everyday recharging activities with a few, easy actions.

Charging

- Designed to make the most typical daily routine of charging smooth and simple.
- Simply take off the hearing aid and insert it in the charger no lid to open. Operation is so simple it can be done using only one hand.
- The hearing aid automatically starts charging when placed in the charger and turn ON automatically when removed from the charger.
- Charge every night and hearing aid will be fully charged when needed during day time.

Intuitive to decode with few simple LED messages directly on the hearing aid:

- Red = Charging
- Green = Fully charged

Offering short charging times. If the hearing aid is completely drained, the normal charging times are:

- 3 h = Fully charged
- 1 h = 50% charged
- 0.5 h = 25% charged

Product facts

- Inductive charging
- Power ON/OFF LED indicator on charger
- The charger comes with a fixed cable
- High stability due to rubber feet
- Soft, round shapes easy to clean
- Soft pouch for travelling included



^{*} Power plug will vary from country to country

Charger 1.0 miniRITE R

3				
Technical data: Charger				
Name	Charger 1.0, Oticon miniRITE R			
Designed for/compatibility	Oticon Opn S, Oticon Opn Play: miniRITE R			
Dimensions	Ø95 mm /total height of 39 mm			
Weight	140 grams			
Colour	Black			
Power supply plug	USB A			
Status indicator	LED on charger. Indicates Charger ON/OFF status LED on hearing instrument. Indicates charging mode			
Charging time of hearing instruments	Max 3 hours depending on initial state of the battery (Temperature: +5 °C to +35 °) Max 4 hours depending on initial state of the battery (Temperature: +35 °C to +40 °)			
Power source	Supplied power supply unit			
Input voltage	5 V DC			
Input current	< 0.2 A (charging two hearing instruments) <10mA stand-by (no hearing instruments inserted)			
Cable	Fixed mounted cable / 150 cm			
Connected to external equipment	When connected to external equipment plugged into a wall outlet, this equipment must comply with IEC-62368 (or IEC-60065, IEC-60950 until June 20, 2019) or equivalent safety standards.			
Conditions of use				
Operating conditions	Temperature: +5 °C to +40 °C Relative humidity: 5 % to 93 %, non-condensing			
Storage and transportation conditions	Temperature: -25 °C to +70 °C Relative humidity: 5 % to 93 %, non-condensing			
Atmospheric pressure	700 hPa to 1060 hPa			
Technical data: Power supply unit				
Power supply unit	AN05x-050A			
Input voltage	100 -240 V AC			

0.2 A

50-60 Hz

5 V DC

1 A

Input current

Input frequency

Output voltage

Output current



Manufactured by: Oticon A/S Kongebakken 9 DK-2765 Smørum Denmark www.oticon.global Imported and Distributed by: Audmet Canada Ltd 1600-4950 Yonge St Toronto, ON M2N 6K1 www.oticon.ca

