

Technical data



Oticon Intent 1 | 2 | 3 | 4 miniBTE R

Oticon Intent™ miniBTE R combines two fitting levels in one rechargeable device. Fitting level 85 and 105 can be configured directly in the fitting software. It is built on the Sirius™ platform, powered by Oticon BrainHearing™

technology and supports Bluetooth® LE Audio, Bluetooth® Low Energy, and Auracast™ broadcast. It enables hands-free communication and direct streaming for iPhone®, iPad®, Mac® and select Android™ devices.

Hook



miniBTE R

Corda miniFit 1.3 mm



miniBTE R

Corda miniFit 0.9 mm



miniBTE R

Technical features

- › Auracast™ broadcast
- › Bluetooth® LE Audio
- › Bluetooth® Low Energy
- › Contact charging
- › Telecoil
- › NFMI (Near-Field Magnetic Induction)
- › Double push-button
- › IP68 rated

Accessories

- › Oticon Companion app
- › ConnectClip
- › TV Adapter 3.0
- › EduMic
- › Phone Adapter 2.0
- › Hook and Corda miniFit
- › Oticon Charger miniBTE R

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

Operating and charging conditions
Temperature: +5°C to +40°C (41°F to +104°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

Transportation and storage conditions
Temperature and humidity shall not exceed the mentioned limits during transportation and storage.

Transport
Temperature: -20°C to +60°C (-4°F to +140°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

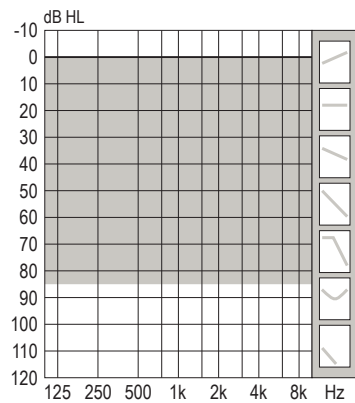
Storage
Temperature: -20°C to +30°C (-4°F to +86°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

WARNING: No modification of this equipment is allowed.

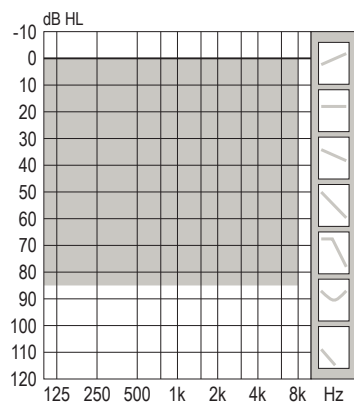
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Fitting ranges

Oticon Intent 1

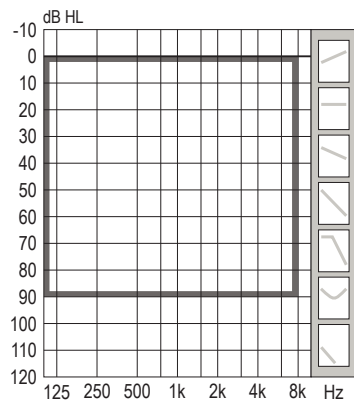
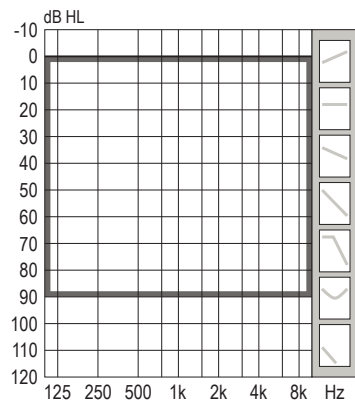


Oticon Intent 2 | 3 | 4



85

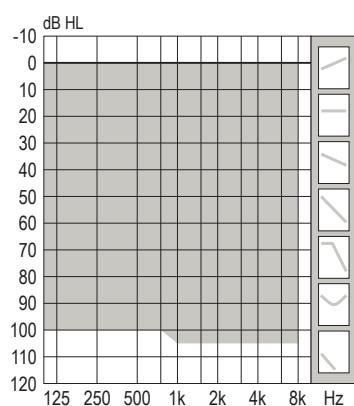
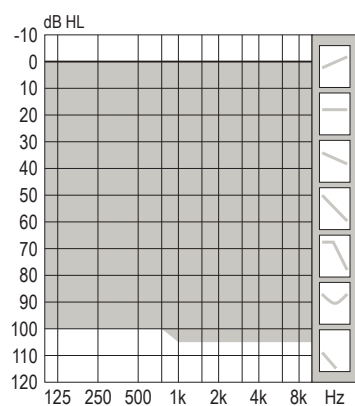
Hook



85

Corda miniFit

105



105

Hook

Feature overview

	Intent 1	Intent 2	Intent 3	Intent 4
Speech understanding & listening ease				
MoreSound Intelligence™ 3.0	Level 1	Level 2	Level 3	Level 4
Sensor technology	•	•	–	–
Environment classifier	5 configurations	5 configurations	3 configurations	Not adjustable
Virtual Outer Ear	3 configurations	2 configurations	1 configuration	1 configuration
Spatial Balancer	100%	60%	60%	40%
Neural Noise Suppression, Difficult / Easy	12 dB / 6 dB	10 dB / 4 dB	8 dB / 2 dB	6 dB / 0 dB
Sound Enhancer	3 configurations	2 configurations	1 configuration	1 configuration
Wind & Handling Stabilizer	•	•	•	•
MoreSound Amplifier™ 3.0	•	•	•	•
SuddenSound Stabilizer	6 configurations	5 configurations	4 configurations	2 configurations
MoreSound Optimizer™	•	•	•	•
Feedback shield	•	•	•	•
Spatial Sound™	4 estimators	4 estimators	4 estimators	–
Soft Speech Booster	•	•	•	•
Frequency lowering, Speech Rescue™	•	•	•	•
Sound quality				
Clear Dynamics	•	•	–	–
Better-Ear Priority	•	•	•	–
Fitting Bandwidth ¹	10 kHz	8 kHz	8 kHz	8 kHz
Power Bass (streaming)	•	•	•	•
Processing Channels	64	48	48	48
Personalization & optimized fitting				
Fitting Bands	24	20	18	14
Multiple Directionality options	•	•	•	•
Adaptation Management	•	•	•	•
Fitting Formulas	VAC+, NAL-NL1/ NAL-NL2, DSL v5	VAC+, NAL-NL1/ NAL-NL2, DSL v5	VAC+, NAL-NL1/ NAL-NL2, DSL v5	VAC+, NAL-NL1/ NAL-NL2, DSL v5
Connecting to the world				
Oticon Companion app	•	•	•	•
Bluetooth® LE Audio ²	•	•	•	•
Auracast™ broadcast ²	•	•	•	•
Hands-free communication ²	•	•	•	•
Direct streaming ²	•	•	•	•
ConnectClip	•	•	•	•
EduMic	•	•	•	•
Remote Control 3.0	•	•	•	•
TV Adapter 3.0	•	•	•	•
Phone Adapter 2.0	•	•	•	•
Tinnitus SoundSupport™	•	•	•	•
CROS/BiCROS support	•	•	•	•

1) Bandwidth accessible for gain adjustments during fitting

2) Available on select devices. For more information, please visit www.oticon.com/support/compatibility

Oticon Intent 1 miniBTE R

Ear Simulator

Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2022, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010

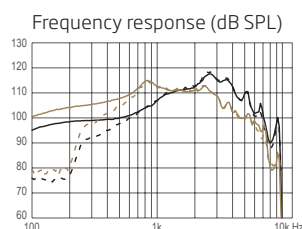
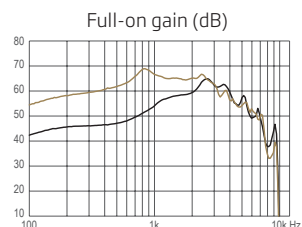
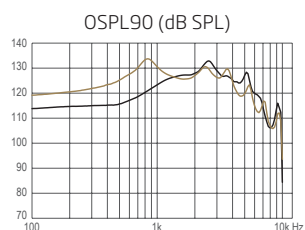


Technical information
Omnidirectional mode is used unless otherwise stated.

85 hook (damped) / 105 hook (damped)
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

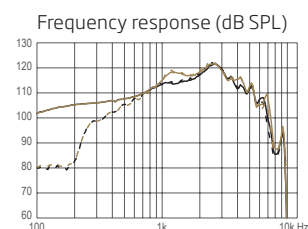
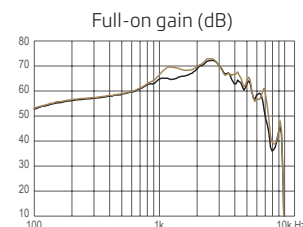
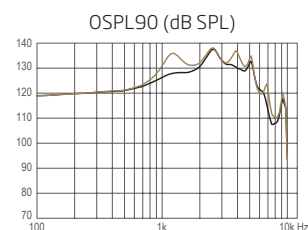
Corda miniFit 1.3 / 105 hook (undamped)
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

85 hook (damped) Corda miniFit 1.3



85 hook (damped) Corda miniFit 1.3

105 hook (damped) 105 hook (undamped)



105 hook (damped) 105 hook (undamped)

OSPL90, Peak (dB SPL)	133	134	138	138
OSPL90, 1600 Hz (dB SPL)	127	126	128	132
OSPL90, HFA (dB SPL)	128	129	131	134
Full-on gain, Peak (dB) ¹	65	69	72	73
Full-on gain, 1600 Hz (dB) ¹	58	65	66	68
Full-on gain, HFA (dB) ¹	59	66	68	69
Reference test gain (dB)	51	51	55	57
Frequency range (Hz)	<100-9400	<100-7300	<100-7000	<100-7300
Telecoil output, 1 mA/m field (1600 Hz) (dB SPL)	89	95	97	99
Telecoil output, 10 mA/m field (1600 Hz) (dB SPL)	109	115	117	119
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	<2	<2	<4	<4
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	<3	<2	<4	<3
Total harmonic distortion (Input 70 dB SPL), 1600 Hz (%)	<2	<2	<2	<2
Equivalent input noise level (dB SPL)	17	16	17	16
Battery	Lithium-ion	Lithium-ion	Lithium-ion	Lithium-ion
Expected operating time, hours ²	24	24	24	24

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) Measurement is done in quiescent mode. Expected use time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

Oticon Intent 1 miniBTE R

2CC Coupler

Measured according to ANSI S3.22-2024,
IEC 60118-0:2022 and IEC 60318-5:2006

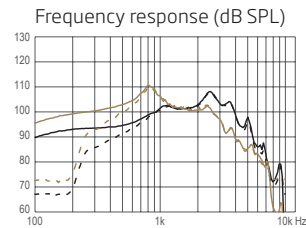
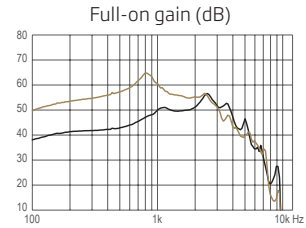
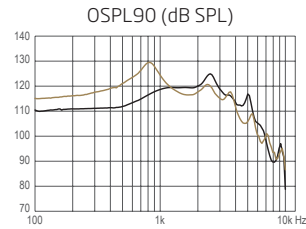


Technical information
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Magnetic input: 31.6 mA/m

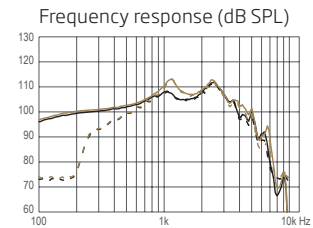
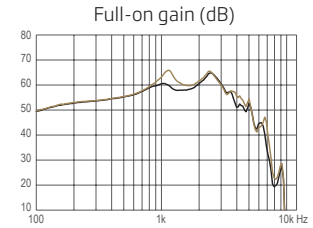
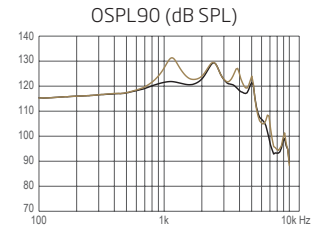
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Acoustic input: 60 dB SPL
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85 hook (damped) Corda miniFit 1.3



85 hook (damped) Corda miniFit 1.3

105 hook (damped) 105 hook (undamped)



105 hook (damped) 105 hook (undamped)

OSPL90, Peak (dB SPL)	125	130	129	131
OSPL90, HFA (dB SPL)	121	120	124	127
Full-on gain, Peak (dB) ¹	57	65	65	66
Full-on gain, HFA (dB) ¹	52	57	61	63
Reference test gain (dB)	44	43	48	50
Frequency range (Hz)	<100-6800	<100-5700	<100-6500	<100-6800
Telecoil output, HFA SPLITS L/R (dB SPL)	103	102	107	109
Full-on HFA-SPLIV (dB SPL)	102	107	111	112
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	<2	<2	<2	<3
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	<2	<2	<3	<2
Total harmonic distortion (Input 65 dB SPL), 1600 Hz (%)	<2	<2	<2	<2
Total harmonic distortion (Input 60 dB SPL), 3200 Hz (%)	<2	<2	<2	<2
Equivalent input noise level (dB SPL)	15	17	15	15
Battery	Lithium-ion	Lithium-ion	Lithium-ion	Lithium-ion
Latency, (ms)	8.3	8.3	8.3	8.3
Expected operating time, hours ²	24	24	24	24

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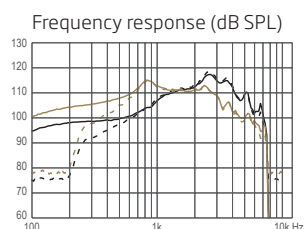
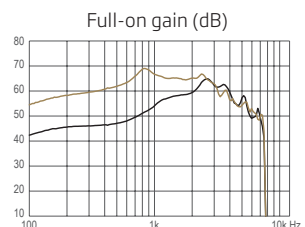
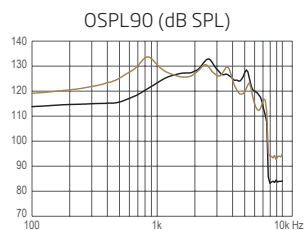


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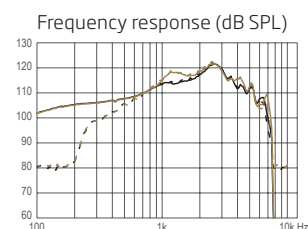
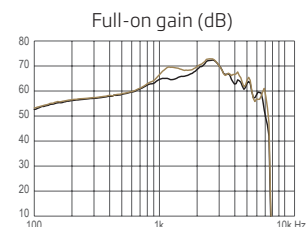
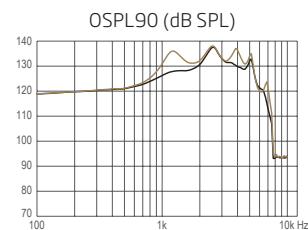
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85 hook (damped) Corda miniFit 1.3



85 hook (damped) Corda miniFit 1.3

105 hook (damped) 105 hook (undamped)



105 hook (damped) 105 hook (undamped)

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Reference test gain (dB)	51	51	55	57
Frequency range (Hz)	<100-7500	<100-7300	<100-7000	<100-7300
Telecoil output, 1 mA/m field (1600 Hz) (dB SPL)	89	95	97	99
Telecoil output, 10 mA/m field (1600 Hz) (dB SPL)	109	115	117	119
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	<2	<2	<4	<4
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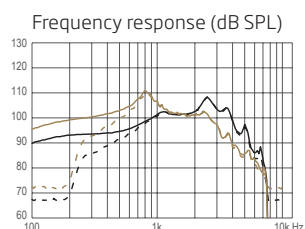
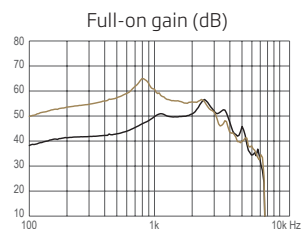
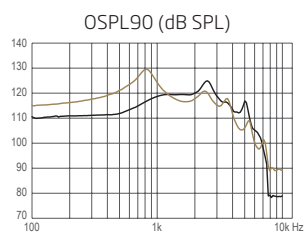


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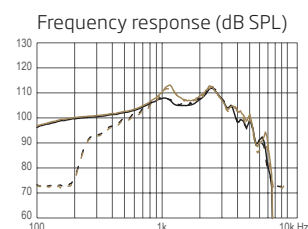
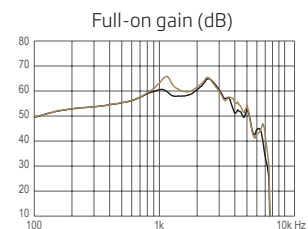
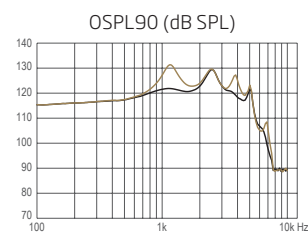
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