Technical data

Oticon Verit™ 1 | 2 | 3 | 4
BTE T 105

Oticon Verit™ BTE T 105 comes with an undamped hook and Corda miniFit. It features a disposable battery. It is built on the Sirius™ platform, powered by Oticon BrainHearing™ technology and AI-driven sound processing. It supports Bluetooth® LE Audio, Bluetooth Low Energy, Auracast™ broadcast and Fast Pair. It enables hands-free communication and direct streaming for iPhone, iPad, Vision Pro, Apple Watch, Mac and select Android™ devices.

Hook	Corda miniFit 1.3 mm	Corda miniFit 0.9 mm
		
BTE T 105	BTE T 105	BTE T 105

Technical Features

- Auracast™ broadcast
- Bluetooth® LE Audio
- Bluetooth® Low Energy
- Fast Pair
- 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 (thin tube)
- Size 13 zinc air battery

For information on compatibility, please visit www.oticon.global/compatibility.
This hearing aid also comes as DemoFlex with the same technical data.

Operating conditions
Temperature: +1°C to +40°C (+34°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.

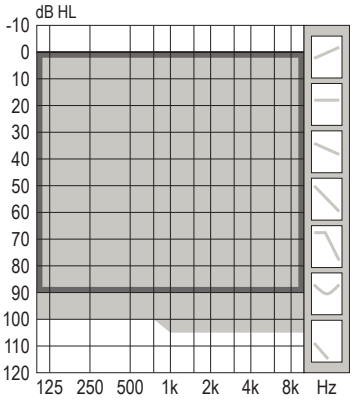
Transportation
Temperature: -25°C to +60°C (-13°F to +140°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

Storage
Temperature: -25°C to +60°C (-13°F to +140°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

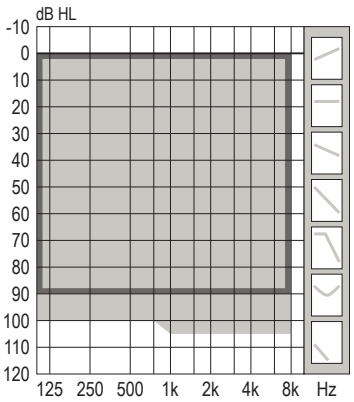
WARNING: No modification of this equipment is allowed.

Fitting ranges

Oticon Verit 1



Oticon Verit 2 | 3 | 4



105

Hook

Corda minifit

Feature overview

	Verit 1	Verit 2	Verit 3	Verit 4
Speech understanding & listening ease				
MoreSound Intelligence™ 3.0	Level 1	Level 2	Level 3	Level 4
Environment classifier	5 configurations	5 configurations	3 configurations	Not adjustable
Virtual Outer Ear	3 configurations	2 configurations	2 configurations	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
Personalisation & optimised 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.global/compatibility

Oticon Verit 1 BTE T 105

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

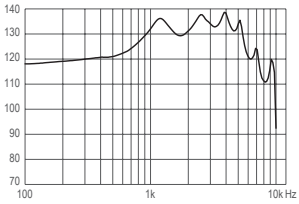
Technical information
Omnidirectional mode is used unless otherwise stated.

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

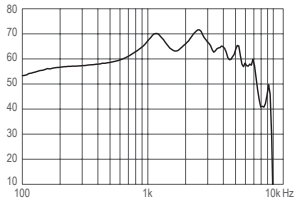
Corda miniFit 0.9
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

105 hook (undamped)

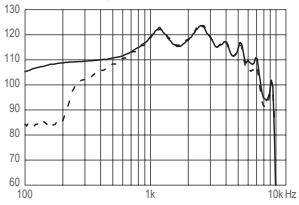
OSPL90 (dB SPL)



Full-on gain (dB)

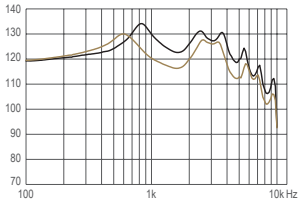


Frequency response (dB SPL)

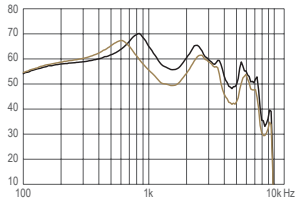


Corda miniFit 1.3 — Corda miniFit 0.9

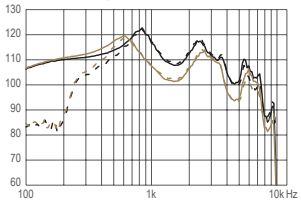
OSPL90 (dB SPL)



Full-on gain (dB)



Frequency response (dB SPL)



	105 hook (undamped)	Corda miniFit 1.3	Corda miniFit 0.9
OSPL90, Peak (dB SPL)	139	134	130
OSPL90, 1600 Hz (dB SPL)	130	123	116
OSPL90, HFA (dB SPL)	133	128	121
Full-on gain, Peak (dB)[1]	72	70	67
Full-on gain, 1600 Hz (dB)[1]	63	56	49
Full-on gain, HFA (dB)[1]	67	62	55
Reference test gain (dB)	56	48	42
Frequency range (Hz)	<100-9400	<100-7600	<100-7700
Telecoil output, 1 mA/m field (1600 Hz) (dB SPL)	94	87	81
Telecoil output, 10 mA/m field (1600 Hz) (dB SPL)	114	107	101
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	7	<2	<2
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	5	<2	<2
Total harmonic distortion (Input 70 dB SPL), 1600 Hz (%)	<2	<2	<2
Equivalent input noise level, Omni (dB SPL)	19	23	28
Battery consumption, Typical (mA)[2]	2.1	2.1	2.1
Battery consumption, Quiescent (mA)[2]	2.0	2.0	2.0
Battery life, artificial measurement, hours[3]	150	150	150
Expected battery life, hours (battery size 13 - IEC PR48)[4]	85-105	85-105	85-105

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 but without influence of feedback.
2) Battery current is measured after a settling time of minimum 3 minutes.
3) Based on the standardised battery consumption measurement. The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.
4) Real usage battery life is shown 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 (6% of the time).

Warning to the hearing aid dispenser
The maximum output capability of the hearing aid may exceed 132 dB SPL (2cc coupler). 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.

Oticon Verit 1 BTE T 105

2CC Coupler

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

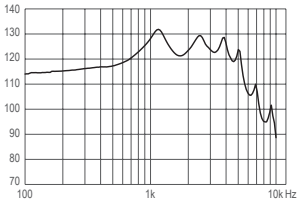
Technical information
Omnidirectional mode is used unless otherwise stated.

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

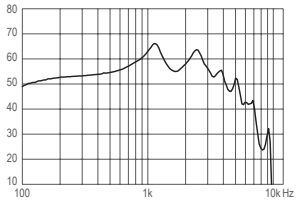
Corda miniFit 0.9
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

105 hook (undamped)

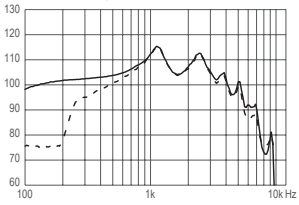
OSPL90 (dB SPL)



Full-on gain (dB)

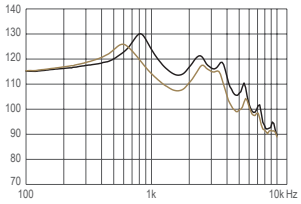


Frequency response (dB SPL)

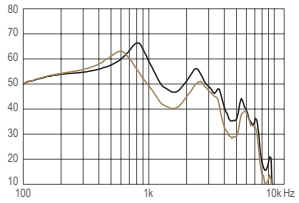


Corda miniFit 1.3 — Corda miniFit 0.9

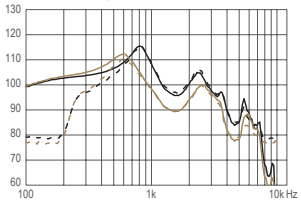
OSPL90 (dB SPL)



Full-on gain (dB)



Frequency response (dB SPL)



	105 hook (undamped)	Corda miniFit 1.3	Corda miniFit 0.9
OSPL90, Peak (dB SPL)	132	130	126
OSPL90, HFA (dB SPL)	126	119	113
Full-on gain, Peak (dB)[1]	66	66	63
Full-on gain, HFA (dB)[1]	61	54	47
Reference test gain (dB)	50	43	36
Frequency range (Hz)	<100-7000	<100-7300	<100-7300
Telecoil output, HFA SPLITS L/R (dB SPL)	109	100	94
Telecoil output, Full-on HFA-SPLIV (dB SPL)	110	105	98
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	4	<2	<2
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	3	<2	<2
Total harmonic distortion (Input 65 dB SPL), 1600 Hz (%)	<2	<2	<2
Total harmonic distortion (Input 60 dB SPL), 3200 Hz (%)	<2	<2	<2
Equivalent input noise level, Omni (dB SPL)	15	20	26
Battery consumption, Typical (mA)[2]	2.4	2.5	2.4
Battery consumption, Quiescent (mA)[2]	2.0	2.0	2.0
Battery life, artificial measurement, hours[3]	130	125	130
Latency, (ms)	8.4	8.4	8.4
Expected battery life, hours (battery size 13 - IEC PR48)[4]	85-105	85-105	85-105

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 but without influence of feedback.
2) Battery current is measured after a settling time of minimum 3 minutes.
3) Based on the standardised battery consumption measurement. The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.
4) Real usage battery life is shown 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 (6% of the time).

Warning to the hearing aid dispenser
The maximum output capability of the hearing aid may exceed 132 dB SPL (2cc coupler). 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.

Oticon Verit 2 | 3 | 4 BTE T 105

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

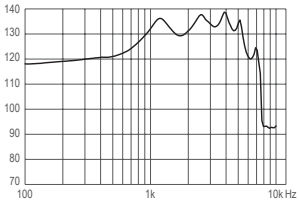
Technical information
Omnidirectional mode is used unless otherwise stated.

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

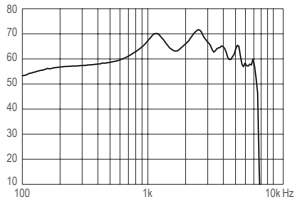
Corda miniFit 0.9
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

105 hook (undamped)

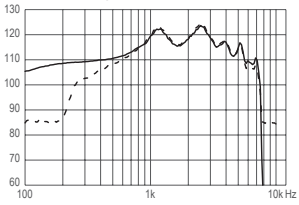
OSPL90 (dB SPL)



Full-on gain (dB)

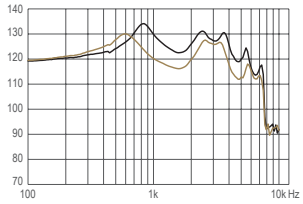


Frequency response (dB SPL)

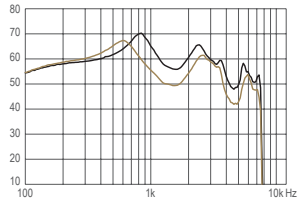


Corda miniFit 1.3 — Corda miniFit 0.9

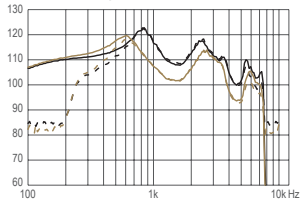
OSPL90 (dB SPL)



Full-on gain (dB)



Frequency response (dB SPL)



	105 hook (undamped)	Corda miniFit 1.3	Corda miniFit 0.9
OSPL90, Peak (dB SPL)	139	134	130
OSPL90, 1600 Hz (dB SPL)	130	123	116
OSPL90, HFA (dB SPL)	133	128	121
Full-on gain, Peak (dB)[1]	72	70	67
Full-on gain, 1600 Hz (dB)[1]	63	56	49
Full-on gain, HFA (dB)[1]	67	62	55
Reference test gain (dB)	56	48	42
Frequency range (Hz)	<100-7500	<100-7500	<100-7500
Telecoil output, 1 mA/m field (1600 Hz) (dB SPL)	94	87	81
Telecoil output, 10 mA/m field (1600 Hz) (dB SPL)	114	107	101
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	7	<2	<2
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	5	<2	<2
Total harmonic distortion (Input 70 dB SPL), 1600 Hz (%)	<2	<2	<2
Equivalent input noise level, Omni (dB SPL)	19	23	28
Battery consumption, Typical (mA)[2]	2.1	2.1	2.1
Battery consumption, Quiescent (mA)[2]	2.0	2.0	2.0
Battery life, artificial measurement, hours[3]	150	150	150
Expected battery life, hours (battery size 13 - IEC PR48)[4]	85-105	85-105	85-105

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 but without influence of feedback.
2) Battery current is measured after a settling time of minimum 3 minutes.
3) Based on the standardised battery consumption measurement. The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.
4) Real usage battery life is shown 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 (6% of the time).

Warning to the hearing aid dispenser
The maximum output capability of the hearing aid may exceed 132 dB SPL (2cc coupler). 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.

Oticon Verit 2 | 3 | 4 BTE T 105

2CC Coupler

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

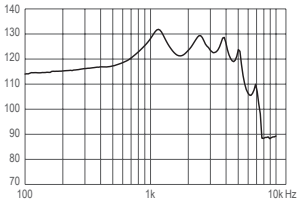
Technical information
Omnidirectional mode is used unless otherwise stated.

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

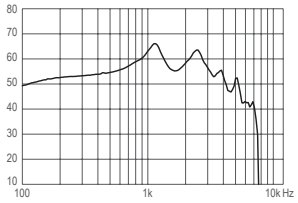
Corda miniFit 0.9
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

105 hook (undamped)

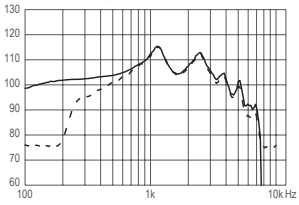
OSPL90 (dB SPL)



Full-on gain (dB)

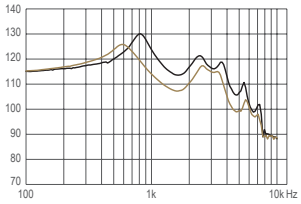


Frequency response (dB SPL)

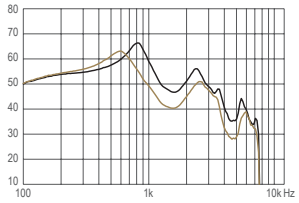


Corda miniFit 1.3 — Corda miniFit 0.9

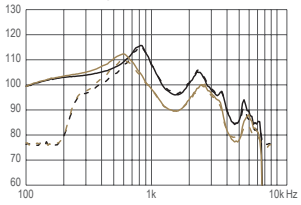
OSPL90 (dB SPL)



Full-on gain (dB)



Frequency response (dB SPL)



	105 hook (undamped)	Corda miniFit 1.3	Corda miniFit 0.9
OSPL90, Peak (dB SPL)	132	130	126
OSPL90, HFA (dB SPL)	126	119	113
Full-on gain, Peak (dB)[1]	66	66	63
Full-on gain, HFA (dB)[1]	61	54	47
Reference test gain (dB)	50	43	36
Frequency range (Hz)	<100-7000	<100-7300	<100-7300
Telecoil output, HFA SPLITS L/R (dB SPL)	109	100	94
Telecoil output, Full-on HFA-SPLIV (dB SPL)	110	105	98
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	4	<2	<2
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	3	<2	<2
Total harmonic distortion (Input 65 dB SPL), 1600 Hz (%)	<2	<2	<2
Total harmonic distortion (Input 60 dB SPL), 3200 Hz (%)	<2	<2	<2
Equivalent input noise level, Omni (dB SPL)	15	20	26
Battery consumption, Typical (mA)[2]	2.4	2.5	2.4
Battery consumption, Quiescent (mA)[2]	2.0	2.0	2.0
Battery life, artificial measurement, hours[3]	130	125	130
Latency, (ms)	8.4	8.4	8.4
Expected battery life, hours (battery size 13 - IEC PR48)[4]	85-105	85-105	85-105

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 but without influence of feedback.
2) Battery current is measured after a settling time of minimum 3 minutes.
3) Based on the standardised battery consumption measurement. The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.
4) Real usage battery life is shown 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 (6% of the time).

Warning to the hearing aid dispenser
The maximum output capability of the hearing aid may exceed 132 dB SPL (2cc coupler). 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.

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