

Technical data



Oticon Zeal 1 nxtCIC R

Oticon Zeal™ nxtCIC R is our smallest in-ear hearing aid with full functionality. It is built on the Sirius™ platform, powered by Oticon BrainHearing™ technologies with AI-driven clarity enhancement, and supporting Bluetooth® LE Audio,

Bluetooth® Low Energy, and Auracast™ broadcast. It enables hands-free communication, direct streaming for iPhone®, iPad®, Apple Vision Pro™, Mac® and select Android™ devices. It is rechargeable, powered by a lithium-ion battery.

Speaker 75



nxtCIC R

Speaker 75



nxtCIC R

Technical features

- › Hands-free communication
- › Bluetooth® LE Audio
- › Auracast™ broadcast
- › Binaural coordination (NFMI)
- › Tap control
- › Encapsulated technology and battery
- › Contact charging
- › IP68 rated

Accessories

- › Oticon Companion app
- › ConnectClip
- › EduMic
- › TV Adapter 3.0
- › Phone Adapter 2.0
- › Oticon SmartCharger nxtCIC R

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

Operating 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.

Transportation

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

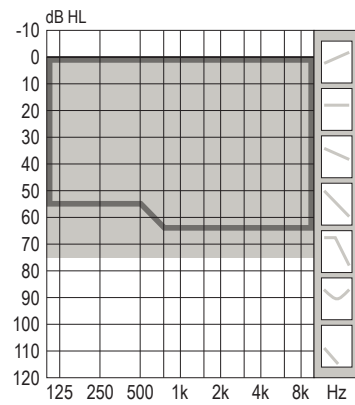
WARNING: No modification of this equipment is allowed.

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Fitting ranges

Oticon Zeal 1



75



MicroMolds



Bass Dome Double Vent

Feature overview

	Zeal 1
Speech understanding & listening ease	
MoreSound Intelligence™ 3.0	Level 1
Environment classifier	5 configurations
Neural Noise Suppression, Difficult / Easy	12 dB / 6 dB
Sound Enhancer	3 configurations
MoreSound Amplifier™ 3.0	•
SuddenSound Stabilizer	6 configurations
MoreSound Optimizer™	•
Feedback shield	•
Spatial Sound™	•
Soft Speech Booster	•
Frequency lowering, Speech Rescue™	•
Sound quality	
Clear Dynamics	•
Better-Ear Priority	•
Fitting Bandwidth ¹	10 kHz
Power Bass (streaming)	•
Processing Channels	64
Personalization & optimized fitting	
Fitting Bands	24
Adaptation Management	•
Fitting Formulas	VAC+, NAL-NL1/ NAL-NL2, DSL v5
Audible Contrast Threshold (ACT™) prescription	•
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™	•

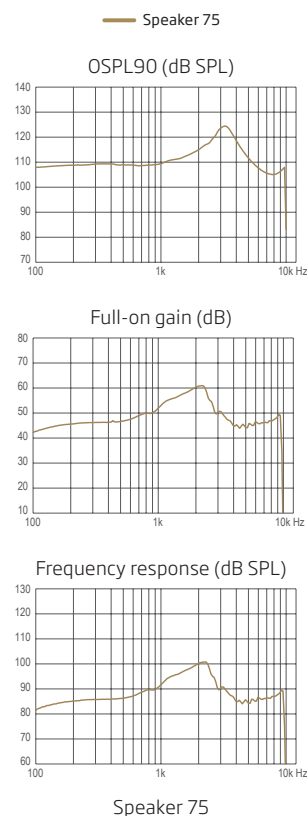
1) Bandwidth accessible for gain adjustments during fitting

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

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.



OSPL90, Peak (dB SPL)	124
OSPL90, 1600 Hz (dB SPL)	112
OSPL90, HFA (dB SPL)	113
Full-on gain, Peak (dB) ¹	61
Full-on gain, 1600 Hz (dB) ¹	58
Full-on gain, HFA (dB) ¹	55
Reference test gain (dB)	38
Frequency range (Hz)	<100-9500
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	<2
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	<3
Total harmonic distortion (Input 70 dB SPL), 1600 Hz (%)	<3
Equivalent input noise level, Omni (dB SPL)	17
Battery	Lithium-ion
Expected operating time, hours ²	24

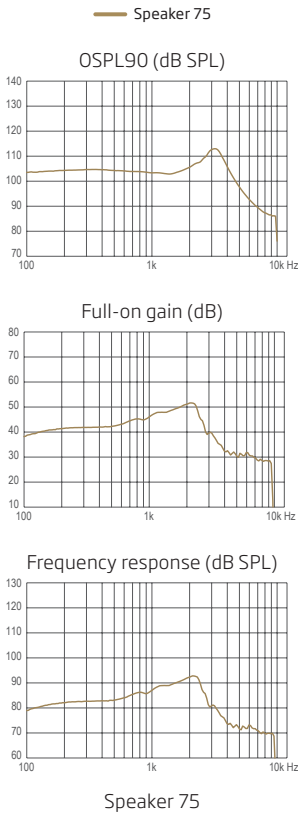
1) Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB.
This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

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.

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.



OSPL90, Peak (dB SPL)	113
OSPL90, HFA (dB SPL)	105
Full-on gain, Peak (dB) ¹	52
Full-on gain, HFA (dB) ¹	47
Reference test gain (dB)	28
Frequency range (Hz)	<100-9400
Total harmonic distortion (Input 70 dB SPL), 500 Hz (%)	<2
Total harmonic distortion (Input 70 dB SPL), 800 Hz (%)	<2
Total harmonic distortion (Input 65 dB SPL), 1600 Hz (%)	<2
Total harmonic distortion (Input 60 dB SPL), 3200 Hz (%)	<2
Equivalent input noise level, Omni (dB SPL)	19
Battery	Lithium-ion
Latency, (ms)	8.2
Expected operating time, hours ²	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.

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