



# 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](http://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.

Apple, the Apple logo, iPhone, iPad, Apple Vision Pro, Mac and the Mac logo are trademarks of Apple Inc., registered in the U.S. and other countries. Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Android™ is a trademark of Google LLC. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The Auracast™ word mark and logos are trademarks owned by the Bluetooth SIG. Any use of such marks by Demant is under license. Other trademarks and trade names are those of their respective owners.



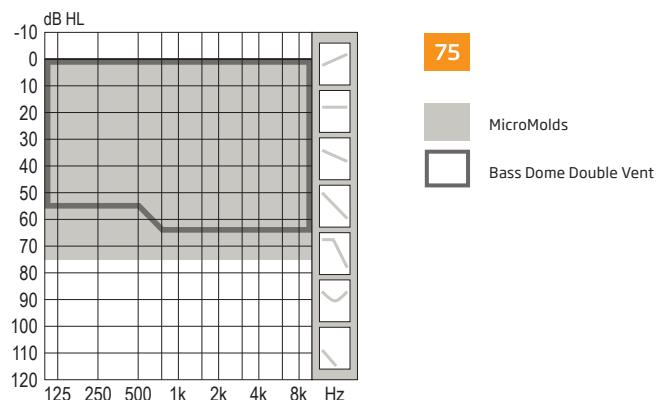
Works with  
android

AURACAST.  
A BLUETOOTH® TECHNOLOGY

**oticon**  
life-changing technology

# Fitting ranges

## Oticon Zeal 1



# Feature overview

	Zeal 1
<b>Speech understanding &amp; listening ease</b>	
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™	•
<b>Sound quality</b>	
Clear Dynamics	•
Better-Ear Priority	•
Fitting Bandwidth <sup>1</sup>	10 kHz
Power Bass (streaming)	•
Processing Channels	64
<b>Personalization &amp; optimized fitting</b>	
Fitting Bands	24
Adaptation Management	•
Fitting Formulas	VAC+, NAL-NL1/ NAL-NL2, DSL v5
Audible Contrast Threshold (ACT™) prescription	•
<b>Connecting to the world</b>	
Oticon Companion app	•
Bluetooth® LE Audio <sup>2</sup>	•
Auracast™ broadcast <sup>2</sup>	•
Hands-free communication <sup>2</sup>	•
Direct streaming <sup>2</sup>	•
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](http://www.oticon.com/support/compatibility)

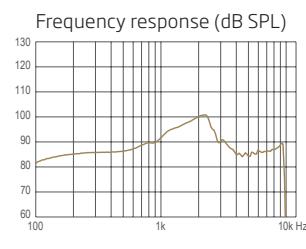
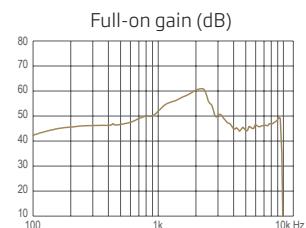
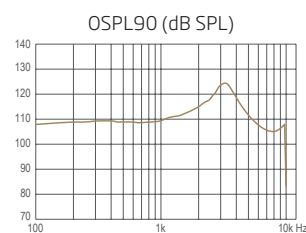
Measured according to IEC 60118-0:1983/AMD1:1994,  
IEC 60118-0:2022, IEC 60118-1:1995+AMD1:1998 CSV  
and IEC 60318-4:2010



#### Technical information

Omnidirectional mode is used unless otherwise stated.

— Speaker 75



Speaker 75

OSPL90, Peak (dB SPL)	124
OSPL90, 1600 Hz (dB SPL)	112
OSPL90, HFA (dB SPL)	113
Full-on gain, Peak (dB) <sup>1</sup>	61
Full-on gain, 1600 Hz (dB) <sup>1</sup>	58
Full-on gain, HFA (dB) <sup>1</sup>	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 <sup>2</sup>	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.

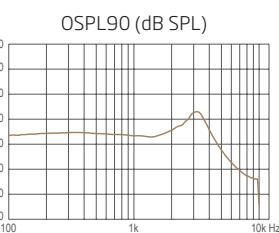
Measured according to ANSI S3.22-2024,  
IEC 60118-0:2022 and IEC 60318-5:2006



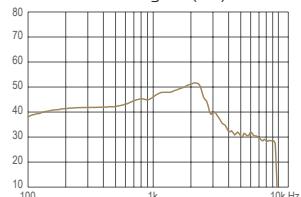
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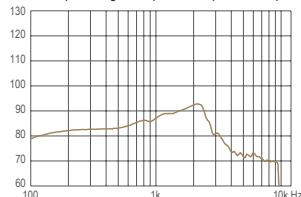
Speaker 75



Full-on gain (dB)



Frequency response (dB SPL)



Speaker 75

OSPL90, Peak (dB SPL)	113
OSPL90, HFA (dB SPL)	105
Full-on gain, Peak (dB) <sup>1</sup>	52
Full-on gain, HFA (dB) <sup>1</sup>	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 <sup>2</sup>	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.

## Notes

## Notes

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