



	Oticon Ruby 1	Oticon Ruby 2	
Speech Understanding	Noise Reduction LX	•	•
	Multiband Adaptive Directionality LX	•	•
	Single Compression LX	•	•
	Speech Rescue™ LX	•	-
Sound Quality	Fitting Bandwidth*	8 KHz	8 KHz
	Processing Channels	48	48
	Bass Boost (streaming)	•	•
Listening Comfort	Transient Noise Management	On/Off	-
	SuperShield	•	-
	Feedback shield LX	•	•
	Wind Noise Management	•	•
Optimising Fitting	Fitting Bands	10	8
	Adaptation Management	•	•
	Oticon Firmware Updater	•	•
	Multiple Directionality options	•	•
	Fitting Formulas	NAL-NL1+2, DSL v5.0	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	•	•
	EduMic	•	•
	DAI/FM	•	•
Tinnitus SoundSupport™	•	•	
Oticon CROS compatible	•	•	

* Bandwidth accessible for gain adjustments during fitting

Operating conditions
 Temperature: +1°C to +40°C
 Relative humidity: 5% to 93%, non-condensing

Storage and transportation conditions
 Temperature and humidity should not exceed the below limits for extended periods during transportation and storage.
 Temperature: -25°C to +60°C
 Relative humidity: 5% to 93%, non-condensing

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BTE offers a compact design with a double push button and an 85 receiver, using the 8 KHz bandwidth for excellent sound quality.

SuperShield rapidly and intelligently prevents feedback before it occurs.

TwinLink™ wireless technology combines binaural communication and 2.4 GHz connectivity with stereo streaming directly from digital devices.

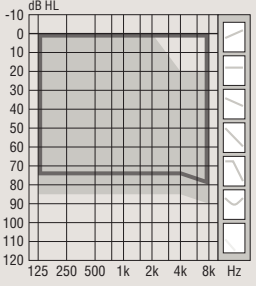

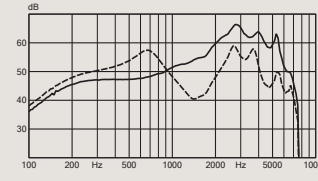
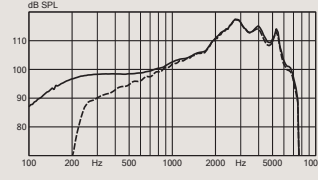
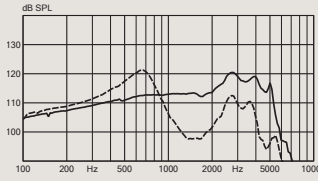
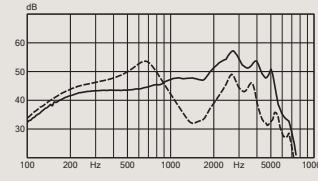
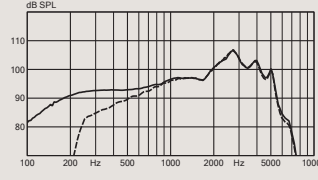
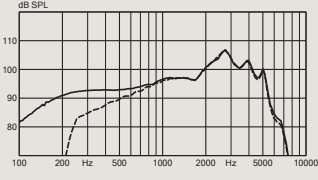
The powerful Velox S™ platform has programmable firmware architecture, supporting future performance updates.

General features:

- Digital Programmable
- Automatic or Manual Volume Control
- Maximum Output Control System
- MPO-Maximum Power Output
- GC-Gain Control
- AGC-Automatic Gain Control
- Noise Reduction
- Feedback Management
- Dual Microphone
- FM Compatible
- 4 Programs



For information on compatibility, please visit www.oticon.global/connectivity

		Ear Simulator Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010	2CC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
 <div style="display: flex; align-items: center; gap: 10px;"> 85  </div> <div style="margin-top: 10px;"> Hook Corda miniFit </div> <p>Technical information Omnidirectional mode is used unless otherwise stated.</p>		<p style="text-align: center;">OSPL90</p>  <p style="text-align: center;">Full-on Gain</p>  <p style="text-align: center;">Frequency Response</p> 	<p style="text-align: center;">OSPL90</p>  <p style="text-align: center;">Full-on Gain</p>  <p style="text-align: center;">Frequency Response</p> 
OSPL90	Peak 1600 Hz HFA-OSPL90	130 (125 ¹) dB SPL 121 (107 ¹) dB SPL 122 (113 ¹) dB SPL	120 (121 ¹) dB SPL 113 (98 ¹) dB SPL 115 (105 ¹) dB SPL
Full-on gain ²	Peak 1600 Hz HFA-FOG	66 (59 ¹) dB 55 (41 ¹) dB 57 (49 ¹) dB	57 (54 ¹) dB 47 (33 ¹) dB 50 (41 ¹) dB
Reference test gain		46 dB	39 dB
Frequency range		105-7500	100-7000
Telecoil output (1600 Hz)	1 mA/m field 10 mA/m field SPLITS L/R	85 dB SPL 105 dB SPL -	- - 97/97 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz 800 Hz 1600 Hz	< 2 % 2 % < 2 %	< 2 % < 2 % < 2 %
Equivalent input noise level	Omni Dir	21 dB SPL 31 dB SPL	18 dB SPL 28 dB SPL
Battery consumption ³	Typical Quiescent	1.4 mA 1.3 mA	1.7 mA 1.7 mA
Battery life, artificial measurement, hours ⁴		230	180
Expected battery life, hours (battery size 13 - IEC PR48) ⁵		105-115	
IRIL (IEC 60118-13:2011)		700/1400/2000 MHz: 18/13/40 dB SPL	

1) For instruments fitted with Corda miniFit.
 2) 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.
 3) Battery current is measured according to IEC 60118-0:1983/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.
 4) Based on the standardised battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.
 5) 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).