



	Xceed 1	Xceed 2	Xceed 3	
Speech Understanding	OpenSound Navigator™	Level 1	Level 2	-
	- Balancing power effect	100%	50%	-
	- Max. noise removal	9 dB	5 dB	-
	OpenSound Optimizer™	•	•	•
	Noise Reduction LX	-	-	•
	Multiband Adaptive Directionality LX	-	-	•
	OpenSound Booster™	•	•	-
	Speech Guard™ LX	Level 1	Level 3	-
	Single compression LX	-	-	•
	Speech Rescue™ LX	•	•	•
Sound Quality	Clear Dynamics	•	-	-
	Spatial Noise Management	•	-	-
	Processing Channels	48	48	48
	Bass Boost (streaming)	•	•	•
Listening Comfort	Transient Noise Management	4 configurations	3 configurations	-
	Feedback shield LX	•	•	•
	Wind Noise Management	•	•	•
Personalization & Optimizing Fitting	YouMatic™ LX, NR levels	3 configurations	2 configurations	-
	Fitting Bands	14	12	8
	Multiple Directionality Options	•	•	•
	Adaptation Management	•	•	•
	Oticon Firmware Updater	•	•	•
	VC range and step size	•	•	•
	Fitting Formulas	DSE, VAC+, NAL-NL1 + 2, DSL v5.0	DSE, VAC+, NAL-NL1 + 2, DSL v5.0	DSE, 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	•	•	•
	Amigo FM	•	•	•
	Tinnitus SoundSupport™	•	•	•
	CROS/ BiCROS support	•	•	•
	Bimodal fitting panel	•	•	•

Oticon Xceed BTE UP is an ultra power hearing aid with a 675 battery. The style has separate push buttons for programs and volume for easy usage and control. It features T-coil, optional LED indications and FM support.

OpenSound Navigator™ helps power users to select and understand speech even in challenging sound environments by balancing the sound sources and suppressing background noise.

OpenSound Optimizer™ enhances both listening experience and comfort by blocking feedback and allowing the users to receive prescribed gain.

TwinLink™ wireless technology combines binaural communication and streaming, and 2.4 GHz connectivity for stereo streaming directly from digital sound sources.

Oticon Xceed is built on the Velox S™ platform using a programmable firmware architecture supporting future performance updates.

Conditions of Use

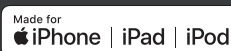
Operating conditions

Temperature: +34°F to +104°F
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

Storage and transportation conditions

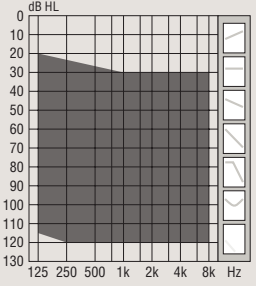
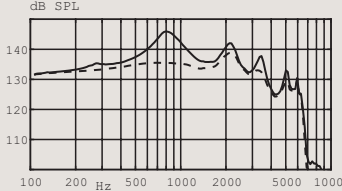
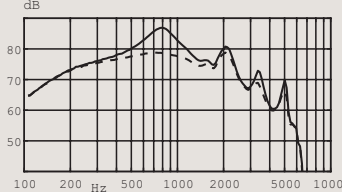
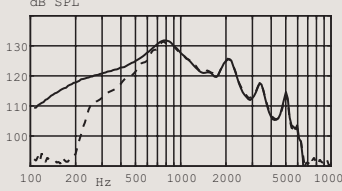
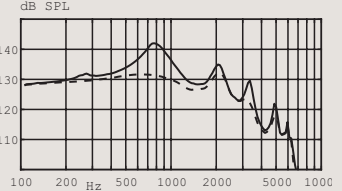
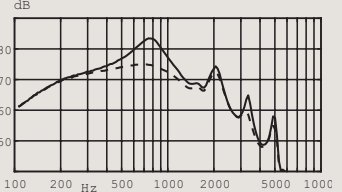
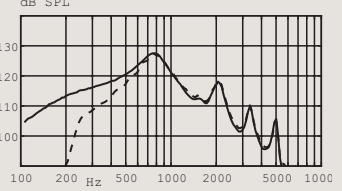
Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage.

Temperature: -13°F to +140°F
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa



IP68

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Technical data		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
 120  DSE Fitting Range Hook, undamped		OSPL90  Full-on Gain  Frequency Response 	OSPL90  Full-on Gain  Frequency Response 
OSPL90	Peak	146 dB SPL	142 dB SPL
	1600 Hz	136 dB SPL	128 dB SPL
	HFA-OSPL90	138 dB SPL	130 dB SPL
Full-on gain ¹	Peak	87 dB	83 dB
	1600 Hz	76 dB	69 dB
	HFA-FOG	77 dB	69 dB
Reference test gain		61 dB	53 dB
Frequency range		100-6000 Hz	100-5300 Hz
Telecoil output (1600 Hz)	1 mA/m field	111 dB SPL	-
	10 mA/m field	126 dB SPL	-
	SPLITS L/R	-	112 dB SPL
Total harmonic distortion	500 Hz	11 %	9 %
(Input 70 dB SPL)	800 Hz	<2 %	<2 %
	1600 Hz	3 %	3 %
Equivalent input noise level	Omni	19 dB SPL	23 dB SPL
	Dir	35 dB SPL	38 dB SPL
Battery consumption ²	Typical	1.8 mA	4.1 mA
	Quiescent	1.5 mA	1.5 mA
Battery life, artificial measurement, hours ³		370	160
Expected battery life, hours (battery size 675 - IEC PR44) ⁴		80-250	

- 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.
- 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.
- Based on the standardized 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.
- 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).

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