OTICON | **Jet**

Technical data sheet

BTE / BTE PP

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		Jet 1	Jet 2
Speech Understanding	Multiband Adaptive Directionality LX	•	•
	Noise Reduction LX	•	•
	Single Compression LX	•	•
	Frequency lowering	Speech Rescue™	-
Sound Quality	Fitting Bandwidth*	8 kHz	8 kHz
	Processing Channels	48	48
Listening Comfort	Feedback Management	Feedback shield LX	Feedback shield LX
	Transient Noise Management	On/Off	-
	Wind Noise Management	•	•
Personalisation & Optimising Fitting	Fitting Bands	10	8
	Fitting Formulas	NAL-NL1/NAL-NL2, DSL v5.0	NAL-NL1/NAL-NL2, DSL v5.0
Connecting to the world	Direct streaming**	•	•
	Oticon ON app & Oticon RemoteCare app	•	•
	ConnectClip	•	•
	EduMic	•	•
	Remote Control 3.0	•	•
	TV Adapter 3.0	•	•
	Phone Adapter 2.0	•	•
	Tinnitus SoundSupport™	•	•

*Bandwidth accessible for gain adjustments during fitting
**From iPhone, iPad, and iPod touch

Oticon Jet BTE and BTE PP features a tactile double push-button for easy operation of volume and programs. They are both powered by disposable batteries and features Bluetooth® Low Energy technology, which makes them Made for iPhone® hearing aids that can stream directly from iPhone, iPad®, and iPod touch®.

Multiband Adaptive Directionality LX provides fast and responsive adaptation of directional modes in 15 independent frequency bands to put speech in front in more focus when the environment becomes noisier.

Noise Reduction LX removes unwanted noise to provide a comfortable listening experience. The feature is adapting fast enough to remove noise even in between words.

The Velox™ platform is a powerful and fast processor providing the power and memory needed for the adaptive processing in Oticon Jet.

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

Storage and transportation conditions
Temperature and humidity should not exceed the below limits for extended periods 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

Made for iPhone | iPad | iPod

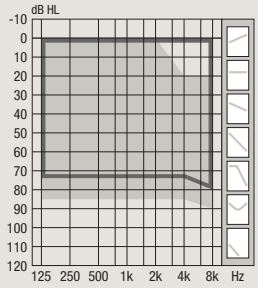
IP68

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

oticon
life-changing technology

Oticon Jet 1 & 2

BTE 85



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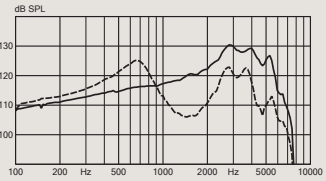
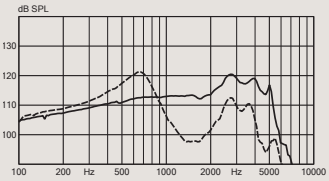
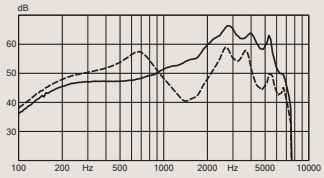
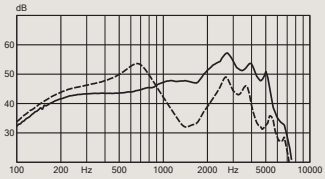
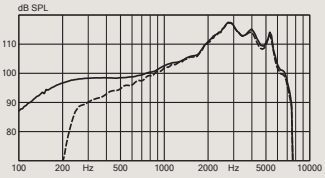
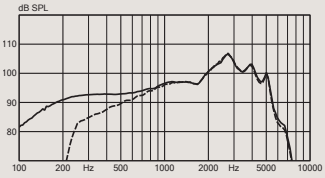
Hook

Corda minifit

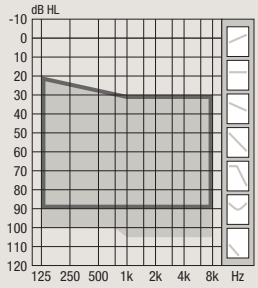
Technical information
Omnidirectional mode is used unless otherwise stated.

		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
		OSPL90  	OSPL90 
		Full-on gain  Standard tube Thin tube (size 0.9)	Full-on gain  Standard tube Thin tube (size 0.9)
		Frequency response  Acoustic input: 60 dB SPL Magnetic input: 31.6 mA/m	Frequency response  Acoustic input: 60 dB SPL Magnetic input: 31.6 mA/m
OSPL90	Peak	130 (125[1]) dB SPL	120 (121[1]) dB SPL
	1600 Hz	121 (107[1]) dB SPL	113 (98[1]) dB SPL
	HFA-OSPL90	122 (113[1]) dB SPL	115 (105[1]) dB SPL
Full-on gain[2]	Peak	66 (59[1]) dB	57 (54[1]) dB
	1600 Hz	55 (41[1]) dB	47 (33[1]) dB
	HFA-FOG	57 (49[1]) dB	50 (41[1]) dB
Reference test gain		46 dB	39 dB
Frequency range		105-7500 Hz	100-7000 Hz
Telecoil output (1600 Hz)	1 mA/m field	85 dB SPL	-
	10 mA/m field	105 dB SPL	-
	SPLITS L/R	-	97/97 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<2 %	<2 %
	800 Hz	2 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level	Omni	21 dB SPL	18 dB SPL
	Dir	31 dB SPL	28 dB SPL
Battery consumption[3]	Typical	1.4 mA	1.7 mA
	Quiescent	1.3 mA	1.7 mA
Battery life, artificial measurement, hours[4]		230	180
Expected battery life, hours (battery size 13 - IEC PR48)[5]		105 -115	

1) For instruments fitted with Corda miniFit
2) 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.
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 (e.g. 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).

Oticon Jet 1 & 2

BTE PP 105



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Hook

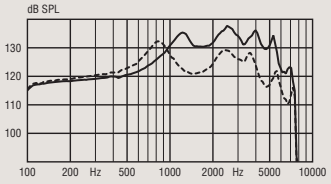
Corda minifit

Technical information
Omnidirectional mode is used unless otherwise stated.

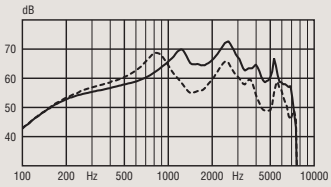
Warning to the hearing aid dispenser
The maximum output capability of the hearing aid may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the hearing aid, as there may be risk of impairing the remaining hearing of the hearing aid user.

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

OSPL90

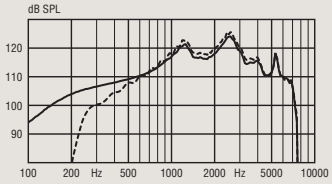


Full-on gain



Standard tube
Thin tube (size 1.3)

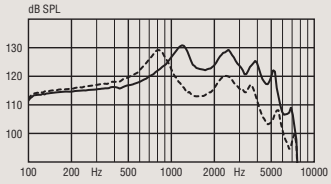
Frequency response



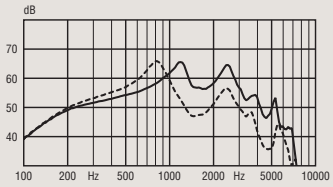
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

2CC Coupler
Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006

OSPL90

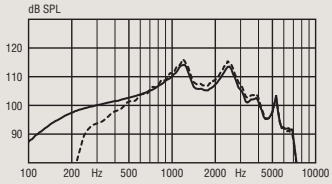


Full-on gain



Standard tube
Thin tube (size 1.3)

Frequency response



Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

		Ear Simulator	2CC Coupler
OSPL90	Peak	138 (132[1]) dB SPL	131 (129[1]) dB SPL
	1600 Hz	130 (121[1]) dB SPL	123 (113[1]) dB SPL
	HFA-OSPL90	133 (126[1]) dB SPL	126 (118[1]) dB SPL
Full-on gain[2]	Peak	73 (69[1]) dB	66 (66[1]) dB
	1600 Hz	65 (56[1]) dB	57 (47[1]) dB
	HFA-FOG	68 (62[1]) dB	61 (54[1]) dB
Reference test gain		57 dB	50 dB
Frequency range		150-7300 Hz	120-7000 Hz
Telecoil output (1600 Hz)	1 mA/m field	97 dB SPL	-
	10 mA/m field	117 dB SPL	-
	SPLITS L/R	-	109/109 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	7 %	3 %
	800 Hz	5 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level	Omni	17 dB SPL	14 dB SPL
	Dir	29 dB SPL	27 dB SPL
Battery consumption[3]	Typical	1.8 mA	1.9 mA
	Quiescent	1.6 mA	1.6 mA
Battery life, artificial measurement, hours[4]		175	160
Expected battery life, hours (battery size 13 - IEC PR48)[5]		80-105	

1) For instruments fitted with Corda miniFit Power
2) 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.
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 (e.g. IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.
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