OTICON | **Jet**

Technical data sheet

CIC

75 85

		Jet 1	Jet 2
Speech Understading	Noise Reduction	•	•
	Single Compression	•	•
	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	-
Personalisation & Optimising Fitting	Fitting Bands	10	8
	Fitting Formulas	NAL-NL1/NAL-NL2, DSL v5.0	NAL-NL1/NAL-NL2, DSL v5.0
	Tinnitus SoundSupport™**	○	○

* Bandwidth accessible for gain adjustments during fi tting
** Requires NFMI and push-button

• Default
○ Optional
- Not included

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

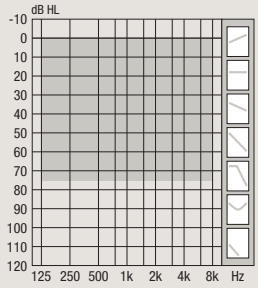
Oticon BrainHearing™ Technology
Powered by Velox™

IP68

oticon
life-changing technology

Oticon Jet 1 & 2

CIC 75



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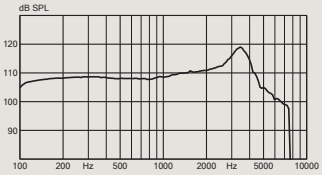
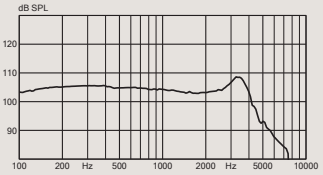
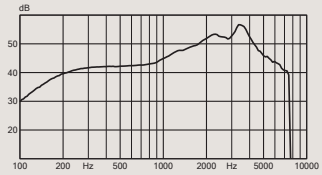
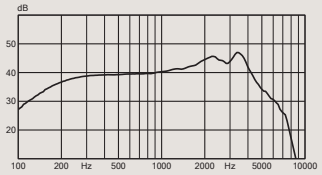
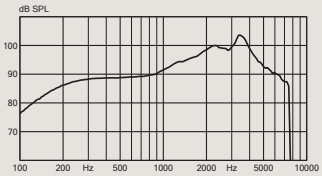
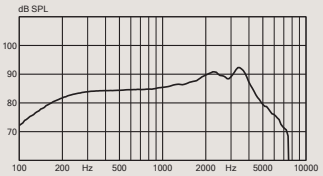
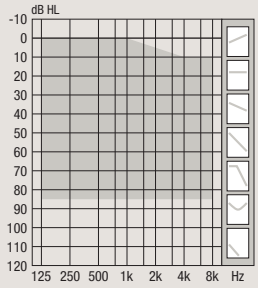
Technical information
Omnidirectional mode is used unless otherwise stated.

		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 	Full-on gain 
		Frequency Response 	Frequency Response 
OSPL90	Peak	119 dB SPL	109 dB SPL
	1600 Hz	110 dB SPL	103 dB SPL
	HFA-OSPL90	110 dB SPL	104 dB SPL
Full-on gain[1]	Peak	57 dB	47 dB
	1600 Hz	49 dB	42 dB
	HFA-FOG	49 dB	42 dB
Reference test gain		36 dB	27 dB
Frequency range		100-7500 Hz	100-7000 Hz
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field	-	-
	SPLITS L/R	-	-
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2 %	<2 %
	800 Hz	2 %	<2 %
	1600 Hz	3 %	2 %
Equivalent input noise level	Omni	20 dB SPL	19 dB SPL
	Dir	-	-
Battery consumption[2]	Typical	1.0 mA	1.0 mA
	Quiescent	1.0 mA	1.0 mA
Battery life, artificial measurement, hours[3]		100	100
Expected battery life, hours (battery size 10 - IEC PR70)[4]		70-80	

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 infl uence of feedback.
2) 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.
3) 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.
4) Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels.

Oticon Jet 1 & 2

CIC 85



85

Technical information
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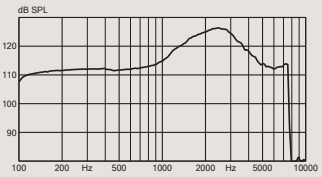
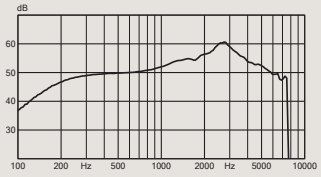
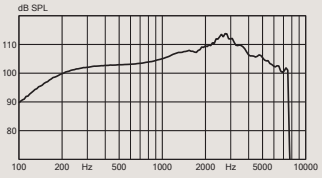
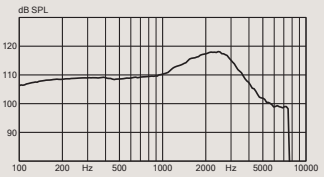
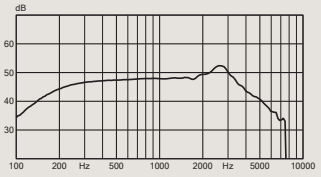
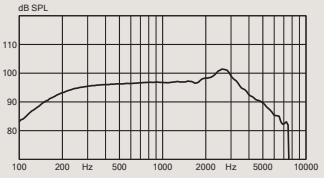
		OSPL90  Full-on gain  Frequency Response 	OSPL90  Full-on gain  Frequency Response 
OSPL90	Peak	126 dB SPL	118 dB SPL
	1600 Hz	123 dB SPL	116 dB SPL
	HFA-OSPL90	121 dB SPL	115 dB SPL
Full-on gain[1]	Peak	61 dB	52 dB
	1600 Hz	55 dB	48 dB
	HFA-FOG	56 dB	49 dB
Reference test gain		48 dB	38 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field	-	-
	SPLITS L/R	-	-
Total harmonic distortion (Input 70 dB SPL)	500 Hz	2 %	<2 %
	800 Hz	3 %	<2 %
	1600 Hz	4 %	2 %
Equivalent input noise level	Omni	20 dB SPL	17 dB SPL
	Dir	-	-
Battery consumption[2]	Typical	1.1 mA	1.3 mA
	Quiescent	1.0 mA	1.0 mA
Battery life, artificial measurement, hours[3]		90	80
Expected battery life, hours (battery size 10 - IEC PR70)[4]		60-70	

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 infl uence of feedback.
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250098AU / 2022.05.23 / v1

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