# OTICON | **Jet**

# Technical data sheet

## ITC, ITE HS & ITE FS

75 85 90 100

| | | Jet 1 | Jet 2 |
|---|---|---|---|
| **Speech Understanding** | Multiband Adaptive Directionality | • | • |
| | 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 | - |
| | 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 fi tting
** From compatible iPhone®, iPad®, iPod touch® devices
*** Requires 2.4 GHz
**** Requires 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™

Made for iPhone | iPad | iPod

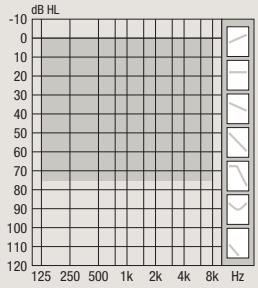
IP68

For information on compatibility, please visit www.oticon.com.au/compatibility

oticon life-changing technology

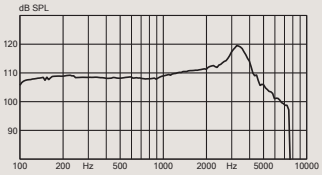
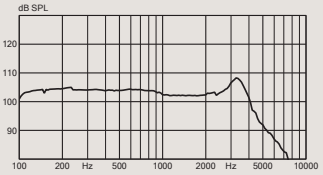
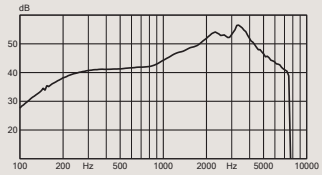
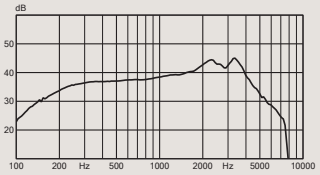
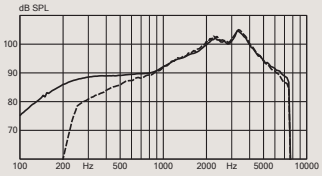
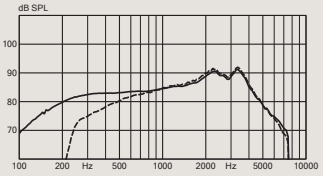
# Oticon Jet 1 & 2

# ITC, ITE HS & ITE FS 75




75

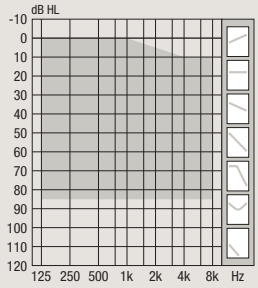
**Technical information**
Omnidirectional mode is used unless otherwise stated.

| | | **Ear Simulator**<br>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**<br>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 |
| | |  |  |
| | | Acoustic input: 60 dB SPL<br>Magnetic input: 31.6 mA/m | Acoustic input: 60 dB SPL<br>Magnetic input: 31.6 mA/m |
| OSPL90 | Peak | 120 dB SPL | 108 dB SPL |
| | 1600 Hz | 111 dB SPL | 102 dB SPL |
| | HFA-OSPL90 | 111 dB SPL | 103 dB SPL |
| Full-on gain[1] | Peak | 57 dB | 45 dB |
| | 1600 Hz | 49 dB | 40 dB |
| | HFA-FOG | 49 dB | 41 dB |
| Reference test gain | | 37 dB | 27 dB |
| Frequency range | | 110-7500 Hz | 100-7500 Hz |
| Telecoil output (1600 Hz) | 1 mA/m field | 79 dB SPL | - |
| | 10 mA/m field | 99 dB SPL | - |
| | SPLITS L/R | - | 83/83 dB SPL |
| Total harmonic distortion (Input 70 dB SPL) | 500 Hz | 2 % | <2 % |
| | 800 Hz | 3 % | <2 % |
| | 1600 Hz | 4 % | <2 % |
| Equivalent input noise level | Omni | 18 dB SPL | 16 dB SPL |
| | Dir | 27 dB SPL | 27 dB SPL |
| Battery consumption[2] | Typical | 1.7 mA | 1.8 mA |
| | Quiescent | 1.7 mA | 1.7 mA |
| Battery life, artificial measurement, hours (battery size 312 / 13)[3] | | 105 / 180 | 105 / 175 |
| Expected battery life, hours (battery size 312 - IEC PR41 / battery size 13 - IEC PR48)[4] | | 55-60 / 100-115 | |

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 amplifi cation 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).

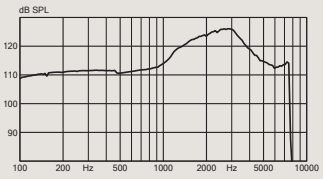
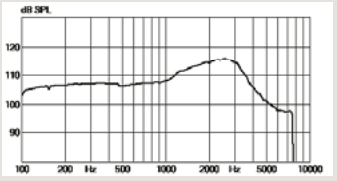
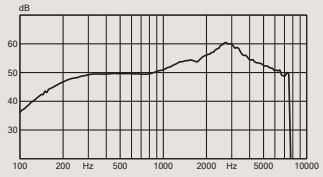
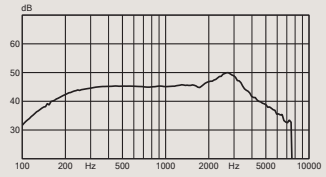
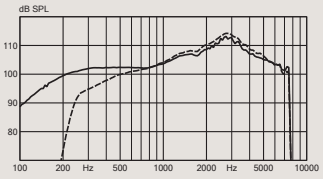
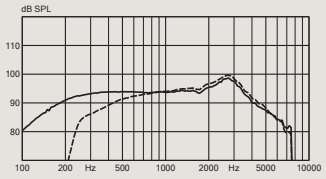
# Oticon Jet 1 & 2

# ITC, ITE HS & ITE FS 85

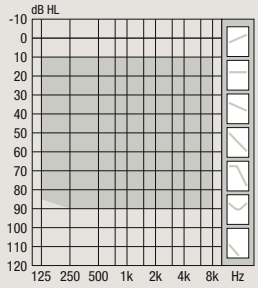




**Technical information**
Omnidirectional mode is used unless otherwise stated.

| | | **Ear Simulator**<br>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**<br>Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006 |
|---|---|---|---|
| | | OSPL90<br>  <br> | OSPL90<br>  <br> |
| | | Full-on gain<br>  <br> | Full-on gain<br>  <br> |
| | | Frequency Response<br>  <br><br>Acoustic input: 60 dB SPL<br>Magnetic input: 31.6 mA/m | Frequency Response<br>  <br><br>Acoustic input: 60 dB SPL<br>Magnetic input: 31.6 mA/m |
| OSPL90 | Peak | 126 dB SPL | 116 dB SPL |
| | 1600 Hz | 122 dB SPL | 113 dB SPL |
| | HFA-OSPL90 | 121 dB SPL | 112 dB SPL |
| Full-on gain[1] | Peak | 60 dB | 50 dB |
| | 1600 Hz | 54 dB | 46 dB |
| | HFA-FOG | 55 dB | 47 dB |
| Reference test gain | | 47 dB | 35 dB |
| Frequency range | | 100-7500 Hz | 100-7500 Hz |
| Telecoil output (1600 Hz) | 1 mA/m field | 84 dB SPL | - |
| | 10 mA/m field | 104 dB SPL | - |
| | SPLITS L/R | - | 92/92 dB SPL |
| Total harmonic distortion (Input 70 dB SPL) | 500 Hz | 2 % | <2 % |
| | 800 Hz | 4 % | <2 % |
| | 1600 Hz | 3 % | <2 % |
| Equivalent input noise level | Omni | 17 dB SPL | 15 dB SPL |
| | Dir | 27 dB SPL | 27 dB SPL |
| Battery consumption[2] | Typical | 1.8 mA | 1.9 mA |
| | Quiescent | 1.7 mA | 1.7 mA |
| Battery life, artificial measurement, hours (battery size 312 / 13)[3] | | 100 / 170 | 95 / 165 |
| Expected battery life, hours (battery size 312 - IEC PR41 / battery size 13 - IEC PR48)[4] | | 50-60 / 95-115 | |

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 amplifi cation 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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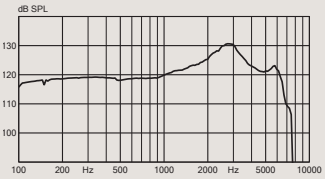
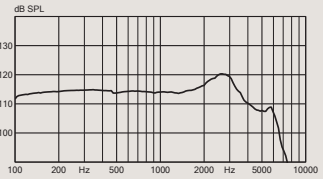
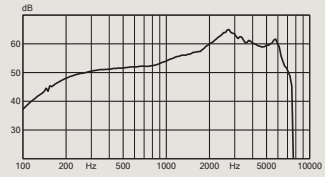
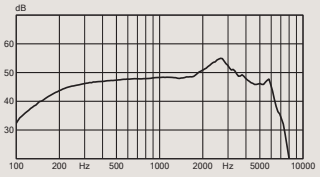
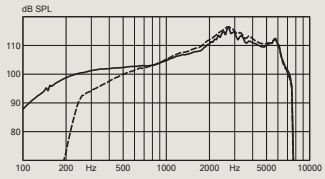
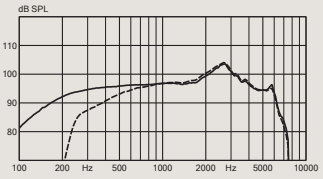
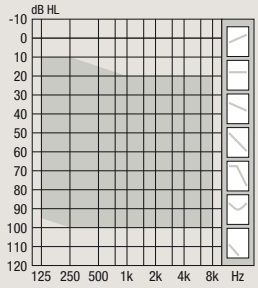
**Technical information**
Omnidirectional mode is used unless otherwise stated.

| | | **Ear Simulator**<br>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**<br>Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006 |
|---|---|---|---|
| | | OSPL90<br>  <br> | OSPL90<br>  <br> |
| | | Full-on gain<br>  <br> | Full-on gain<br>  <br> |
| | | Frequency Response<br>  <br><br>Acoustic input: 60 dB SPL<br>Magnetic input: 31.6 mA/m | Frequency Response<br>  <br><br>Acoustic input: 60 dB SPL<br>Magnetic input: 31.6 mA/m |
| OSPL90 | Peak | 131 dB SPL | 120 dB SPL |
| | 1600 Hz | 123 dB SPL | 115 dB SPL |
| | HFA-OSPL90 | 124 dB SPL | 116 dB SPL |
| Full-on gain[1] | Peak | 65 dB | 55 dB |
| | 1600 Hz | 57 dB | 48 dB |
| | HFA-FOG | 58 dB | 50 dB |
| Reference test gain | | 48 dB | 39 dB |
| Frequency range | | 110-7500 Hz | 100-7500 Hz |
| Telecoil output (1600 Hz) | 1 mA/m field | 87 dB SPL | - |
| | 10 mA/m field | 107 dB SPL | - |
| | SPLITS L/R | - | 96/96 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 | 18 dB SPL | 15 dB SPL |
| | Dir | 28 dB SPL | 27 dB SPL |
| Battery consumption[2] | Typical | 1.8 mA | 1.8 mA |
| | Quiescent | 1.7 mA | 1.7 mA |
| Battery life, artificial measurement, hours (battery size 312 / 13)[3] | | 100 / 175 | 100 / 170 |
| Expected battery life, hours (battery size 312 - IEC PR41 / battery size 13 - IEC PR48)[4] | | 55-60 / 105-115 | |

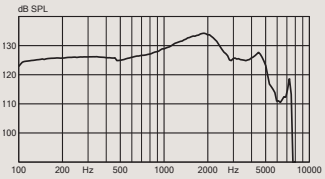
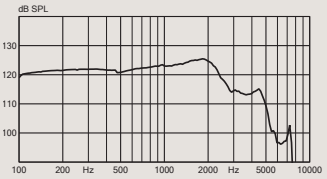
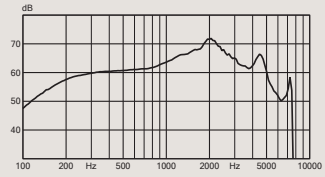
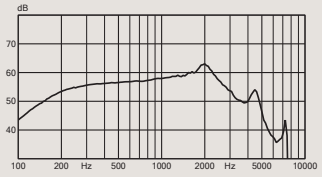
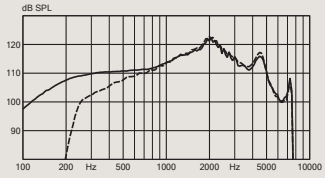
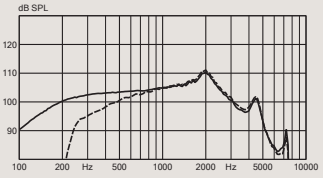
1) Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without infl uence of feedback.
2) Battery current is measured according 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 amplifi cation 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).





**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**<br>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**<br>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 |
| | |  |  |
| | | Acoustic input: 60 dB SPL<br>Magnetic input: 31.6 mA/m | Acoustic input: 60 dB SPL<br>Magnetic input: 31.6 mA/m |
| OSPL90 | Peak | 134 dB SPL | 125 dB SPL |
| | 1600 Hz | 133 dB SPL | 125 dB SPL |
| | HFA-OSPL90 | 130 dB SPL | 122 dB SPL |
| Full-on gain[1] | Peak | 72 dB | 63 dB |
| | 1600 Hz | 68 dB | 60 dB |
| | HFA-FOG | 67 dB | 58 dB |
| Reference test gain | | 58 dB | 45 dB |
| Frequency range | | 100-7500 Hz | 100-7100 Hz |
| Telecoil output (1600 Hz) | 1 mA/m field | 98 dB SPL | - |
| | 10 mA/m field | 118 dB SPL | - |
| | SPLITS L/R | - | 103/103 dB SPL |
| Total harmonic distortion (Input 70 dB SPL) | 500 Hz | 2 % | <2 % |
| | 800 Hz | 2 % | <2 % |
| | 1600 Hz | 3 % | <2 % |
| Equivalent input noise level | Omni | 14 dB SPL | 15 dB SPL |
| | Dir | 26 dB SPL | 28 dB SPL |
| Battery consumption[2] | Typical | 1.8 mA | 1.8 mA |
| | Quiescent | 1.7 mA | 1.7 mA |
| Battery life, artificial measurement, hours (battery size 312 / 13)[3] | | 105 / 175 | 100 / 170 |
| Expected battery life, hours (battery size 312 - IEC PR41 / battery size 13 - IEC PR48)[4] | | 50-60 / 90-115 | |

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.
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4) Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplifi cation 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).

# Notes

# Notes

**Headquarters**
Oticon A/S
Kongebakken 9
DK-2765 Smørum
Denmark

SBO Hearing A/S
Kongebakken 9
DK-2765 Smørum
Denmark

250116AU / 2022.05.18 / v1