

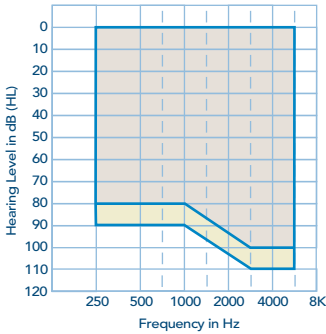
Destiny Custom Products Technical Specifications

1600 | 1200 | 800 | 400 | 200 Series

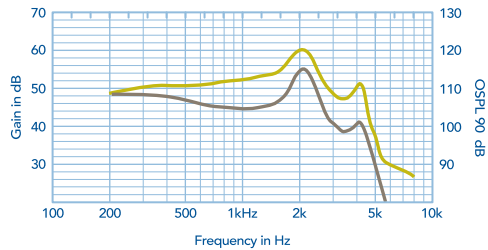
Our most discreet and automatic hearing instrument provides the power and speed of nFusion Technology, loaded with the most intelligent features ever created. Available in a range of products to fit most hearing losses.



Destiny Custom Fitting Ranges



Destiny 1600 ITE (green) and ITC, CIC (gray) fitting ranges.



OSPL 90 (green) and Full On Gain (gray) curves for the Destiny 1600 ITE at the highest matrix of 120/55.

Measurement Conditions and Recommendations

The data for Destiny are obtained and performance is expressed according to ANSI S3.22 (1996), *Specifications of Hearing Aid Characteristics* and IEC 118-0 (1983), *Hearing aids, Part 0: Measurement of electroacoustical characteristics and Amendment 1* (1994-01). The Starkey proprietary Real Time Analyzer comprises the basic test equipment. Data may be subject to change with product refinement.

Destiny hearing instruments may be set to test settings within Inspire OS by reading the hearing aid and choosing Hearing Aid Test on the left navigation bar. Click the Full on Gain or User Gain buttons on this screen to set the device with adaptive features off. Because of the adaptive signal processing capabilities of Destiny hearing instruments, you must be in Full On Gain or User Gain mode to compare the actual performance of the hearing instrument with these specifications.

RF IMMUNITY LEVEL. Destiny custom hearing aids have a cell phone immunity rating of M2 or M2/T2. A hearing aid compatible cell phone must carry a rating of M3/T3 or higher to work with these hearing instruments. Please consult your cell phone specification for the cell phone immunity rating.

Destiny Custom ANSI/IEC Data

1600 | 1200 | 800 | 400 | 200 Series

| | CIC (Completely-In-Canal) | | ITC (In-The-Canal) | | ITE (In-The-Ear) | |
|---|------------------------------|-----------|-----------------------|-----------|---------------------|-----------|
| | ANSI | IEC | ANSI | IEC | ANSI | IEC |
| Measurement | | | | | | |
| Peak OSPL 90 (dB SPL) | 110 - 113 | 119 - 122 | 110 - 115 | 119 - 124 | 113 - 120 | 123 - 130 |
| HFA OSPL 90 (dB SPL) | 101 - 105 | NA | 101 - 108 | NA | 104 - 110 | NA |
| RTF OSPL 90 (dB SPL) | NA | 109 - 113 | NA | 110 - 116 | NA | 113 - 121 |
| Peak Gain (dB) | 30 - 50 | 40 - 60 | 30 - 50 | 40 - 60 | 30 - 55 | 39 - 63 |
| HFA Full On Gain (dB) | 22 - 42 | NA | 22 - 45 | NA | 24 - 48 | NA |
| RTF Full On Gain (dB) | NA | 31 - 51 | NA | 31 - 55 | NA | 31 - 57 |
| Frequency Range (Hz) | 200 - 7000 | NA | 200 - 7000 | NA | 200 - 6000 | NA |
| Reference Test Frequency (kHz) | 1.0, 1.6, 2.5 | 1.6 | 1.0, 1.6, 2.5 | 1.6 | 1.0, 1.6, 2.5 | 1.6 |
| Reference Test Gain (dB) | 22 - 28 | 24 - 38 | 22 - 31 | 24 - 41 | 24 - 33 | 24 - 46 |
| Harmonic Distortion | | | | | | |
| 500 Hz | < 3 | < 3 | < 3 | < 3 | < 3 | < 3 |
| 800 Hz | < 3 | < 3 | < 3 | < 3 | < 3 | < 3 |
| 1600 Hz | < 3 | < 3 | < 3 | < 3 | < 3 | < 3 |
| Equivalent Input Noise (dB SPL) | < 28 | < 28 | < 28 | < 28 | < 28 | < 28 |
| Attack and Release Time (ANSI/IEC) – Test Mode | | | | | | |
| Attack Time (ms) | 5 | 5 | 5 | 5 | 5 | 5 |
| Release Time 0.1 - s (ms) | 5 - 150 | 5 - 250 | 5 - 150 | 5 - 250 | 5 - 150 | 5 - 250 |
| Release Time 2.0 - s (ms) | 5 - 150 | 5 - 250 | 5 - 150 | 5 - 250 | 5 - 150 | 5 - 250 |
| Induction Coil Sensitivity | | | | | | |
| HFA SPLITS (ANSI - 96) (dB SPL) | NA | NA | 89 - 98 | NA | 90 - 99 | NA |
| MASL (IEC 118 - 1) (dB SPL) | NA | NA | NA | 63 - 85 | NA | 63 - 88 |
| Battery Current (mA) | 1.1 - 1.5 | 1.1 - 1.5 | 1.1 - 1.5 | 1.1 - 1.5 | 1.1 - 1.5 | 1.1 - 1.5 |
| Idle Current (mA) | 1.0 - 1.2 | 1.0 - 1.2 | 1.0 - 1.2 | 1.0 - 1.2 | 1.0 - 1.2 | 1.0 - 1.2 |
| Estimated Battery Life for 16-Hour Day | | | | | | |
| 13 Zinc Air (days) | NA | NA | NA | NA | 12 - 16 | 12 - 16 |
| 312 Zinc Air (days) | NA | NA | 6 - 9 | 6 - 9 | 6 - 9 | 6 - 9 |
| 10 Zinc Air (days) | 3 - 5 | 3 - 5 | 3 - 5 | 3 - 5 | NA | NA |

Destiny Custom Products Color Guide

Shell and Faceplate color options for custom products including Completely-In-The-Canal, Mini-Canal, Canal, Half-Shell, Low-Profile and Full-Shell styles.

NOTE: Additional faceplate options available.

Completely-In-The-Canal*



Pink faceplate and shell



Light brown faceplate and clear shell



Medium brown faceplate and blue shell



Chestnut faceplate and clear shell



Dark brown faceplate and blue shell

In-The-Canal



Pink faceplate and shell



Light brown faceplate and shell



Medium brown faceplate and shell



Chestnut faceplate and clear shell



Dark brown faceplate and shell

In-The-Ear



Pink faceplate and shell



Light brown faceplate and shell



Medium brown faceplate and shell



Chestnut faceplate and clear shell



Dark brown faceplate and shell

**Also available in red for the right ear.*