Performance Matters
The MAESTRO CI System is designed for real-life performance. The successful combination of FineHearing technology, Automatic Sound Management and Complete Cochlear Coverage has been proven by the most comprehensive independent clinical study to date. With all major cochlear implant brands tested, the MAESTRO CI System outperformed all other cochlear implant systems.
Up to 30% better performance in noise than any other tested system.

**Newly Published**

Comparative results from an article in a peer-reviewed journal confirm superior performance for users of the MAESTRO Cochlear Implant System featuring FineHearing Technology.

**Significant difference between cochlear implant systems:**

In a study comparing cochlear implant systems, results indicate that MED-EL users have a 2 dB advantage in SRT when compared to users of the Harmony Processor from Advanced Bionics and a 6-7 dB advantage when compared to users of the Freedom from Cochlear Corp. MED-EL users perform up to 30% better than other tested systems.

**The Fine Details of Sound**

Results show that by enhancing fine structure coding in the lower frequencies using FineHearing Technology, superior speech perception in noise can be achieved. Use of FSP equates to up to 30% better speech understanding.

**Superior Backwards Compatibility**

Results show that MED-EL users with older implant generations outperform users of other CIS-based strategies, even without taking advantage of the latest 1st chip technology. Users of the C40+ were still able to benefit greatly from FSP.

**REFERENCES:**

1. FineHearing includes the Fine Structure Processing (FSP) coding strategy, which is not indicated for use by prelingual children in the US.
# Smallest. Lightest. Thinnest.

<table>
<thead>
<tr>
<th>Device</th>
<th>Weight</th>
<th>Dimensions</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MED-EL CONCERT</strong></td>
<td>7.6 g</td>
<td>45.7 mm × 25.4 mm</td>
<td>4.5 mm</td>
</tr>
<tr>
<td><strong>Nucleus CI500 Series</strong></td>
<td>8.8 g</td>
<td>50.5 mm × 23.5 mm</td>
<td>3.9 mm</td>
</tr>
</tbody>
</table>

**Source:** Nucleus 5 Cochlear Implant (CI512)

| **OPUS 2 Audio Processor** | Weight: 10.1 g (incl. DaCapo System) | Weight: 12.4 g (incl. 3 zinc-air batteries) | Width: 8.7 mm |

**Source:** OPUS 2 Audio Processor (Document number: 195992 ISS3)

| **Nucleus CP810 Sound Processor** | Weight: 10.9 g (incl. custom made rechargeable battery) | Weight: 13.0 g (incl. 2 zinc-air batteries) | Width: 9.0 mm |

**Source:** CP810 Sound Processor User Guide – page 63

| **Advanced Bionics HiRes 90K** | Weight: 12.0 g | Dimensions: 56 mm × 28 mm | Thickness: 5.5 mm |

**Source:** HiRes 90K Surgeon’s Manual for the HiFocus Helix and HiFocus 1j Electrodes – pages 3 and 4 (Document number: MP90S5112 REV E)

| **AB Harmony** | Weight: 15.5 g (incl. 220 mAh battery) | Weight: 17.25 g (incl. 410 mAh battery) | Width: 13.0 mm |

**Source:** Harmony HiResolution Bionic Ear System Technical Specifications – page 1

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For demonstration purposes only – Some of the applications, products, features and performance characteristics described in this brochure/package are not approved for use in the USA and are not offered for sale in interstate commerce or represented for use within the USA by MED-EL at this time.

*with zinc-air batteries*