

size matters

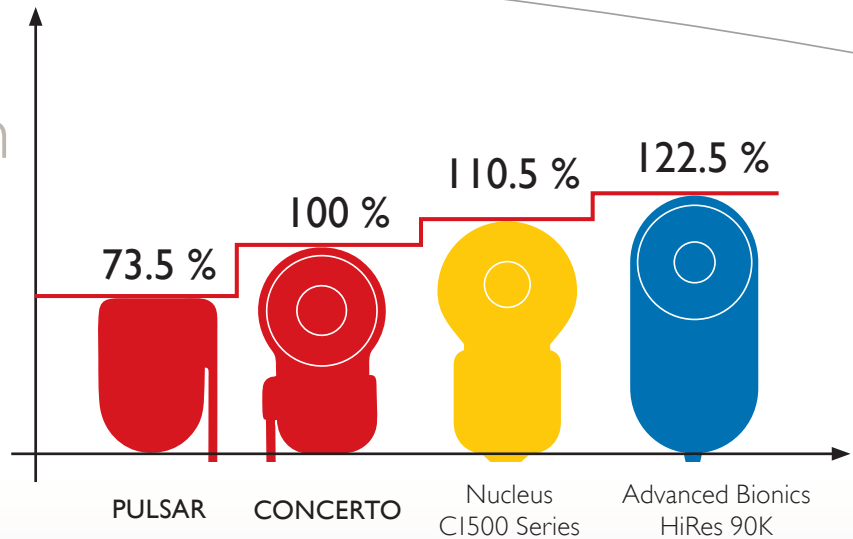
length

PULSAR^{CI100}

- Weight: 9.3 g
- Dimensions: 33.6 mm × 26.4 mm
- Thickness: 4 mm

CONCERTO

- Weight: 7.6 g
- Dimensions: 45.7 mm × 25.4 mm
- Thickness: 4.5 mm



Nucleus CI500 Series

- Weight: 8.8 g
- Dimensions: 50.5 mm × 23.5 mm
- Thickness: 3.9 mm

Source: Nucleus 5 Cochlear Implant (CI512)
<http://professionals.cochlearamericas.com/cochlear-products/nucleus-cochlear-implants/surgical-support/surgical-tools/nucleus-5-cochlear-impla>
 (Document number: FUN1007 ISS3 AUG 09)

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 Ij Electrodes – pages 3 and 4 (Document number: MP9055112 REV E)
<http://www.advancedbionics.com/userfiles/File/2hiRes90KSurgicalManualforHelixandIJM>
 P9055112.pdf

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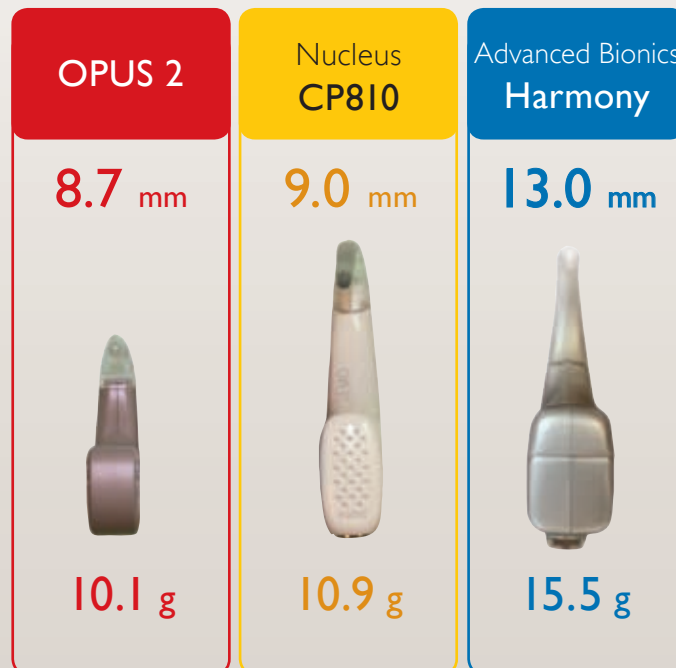
width

OPUS 2 Processor

- Weight: 10.1 g (incl. DaCapo System)
- Weight: 12.4 g (incl. 3 zinc-air batteries)
- Width: 8.7 mm

weight matters

weight



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
<http://professionals.cochlearamericas.com/sites/default/files/resources/CP810%20User%20Guide.pdf>
 (Document number: 195992 ISS3)

Advanced Bionics Auria Harmony Sound Processor

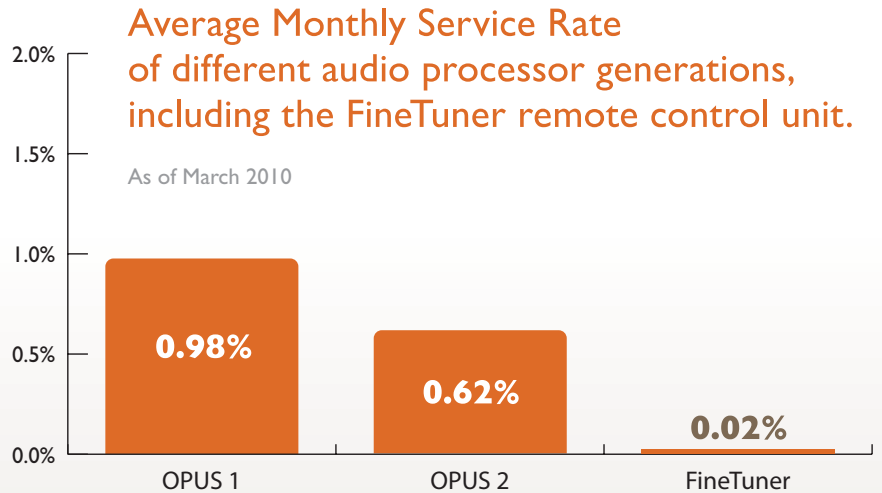
- Weight: 15.5 g (incl. 220 mAh battery)
- Weight: 17.25 g (incl. 410 mAh battery)
- Width: 13.0 mm

Source: Harmony HiResolution Bionic Ear System Technical Specifications – page 1
http://www.advancedbionics.com/For_Professionals/Technical_Product_Details/Auria_Harmony_BTE_Sound_Processor.cfm?langid=1
 (Document number: OCT2006 2-091139)

reliability matters

www.medel.com/reliability

To monitor the reliability of our audio processors, we calculate the **Monthly Service Rate (MSR)**. This number reflects the percentage of devices which are returned for service. MED-EL has taken the industry lead in reporting reliability of external parts.

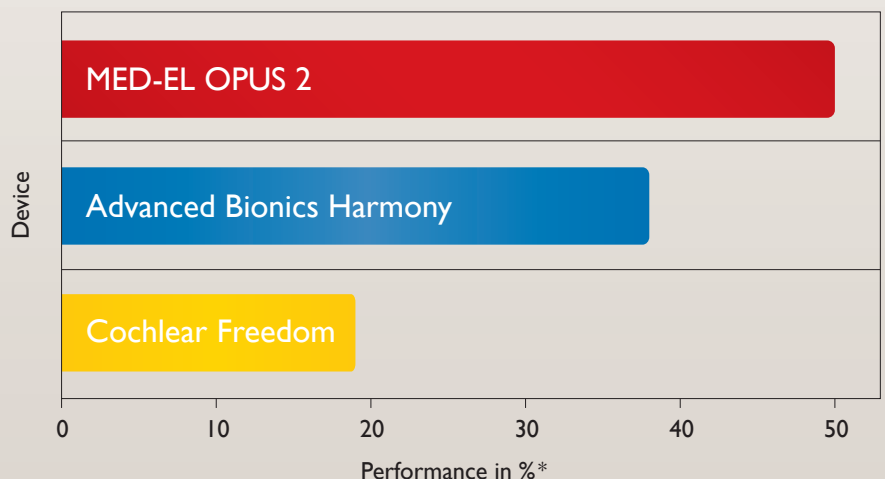


performance matters

performance

* Haumann et al. 8th Int. Conf. of the Europ. Soc of Paed. ORL, Budapest 2008 for more information please refer to www.medel.com

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.



*Calculated from Haumann et al. (2008) using the psychometric function from Schmidt et al. (1997)

hear **LIFE**