Most advanced and easy-to-use rechargeability with Beltone Amaze

Designed for intuitive and reliable use, Beltone Amaze offers the most advanced rechargeable solution. With a completely sealed lithium ion (Li-ion) battery, a small, discreet size and long-lasting battery power, users can rely on their hearing aids for more than a full day.

The Beltone Amaze rechargeable system was evaluated both in field trials, as well as in a more formal usability test.

Field trial

In a trial where 27 users wore Beltone Amaze for two months, 96% of participants agreed or strongly agreed that the system was easy to use. 100% strongly agreed that the battery lasts for a full day's use. Overall, users were very pleased with the rechargeability of Beltone Amaze.

Usability test

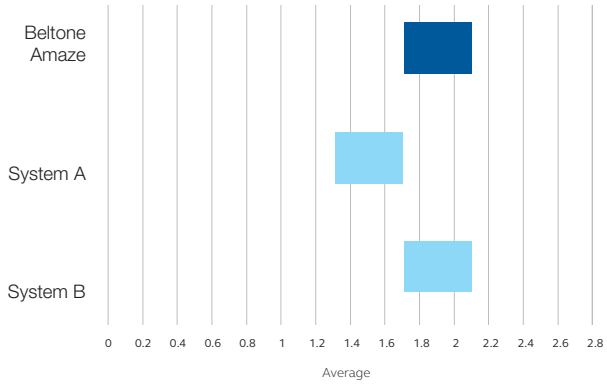
Ten hearing aid users who did not own rechargeable hearing aids and were not familiar with Beltone Amaze evaluated three rechargeable hearing aid systems with integrated Li-ion batteries. Apart from Beltone Amaze, two systems from other premium hearing aid manufacturers were included as an industry benchmark for state-of-the-art rechargeable solutions. Participants were asked to perform tasks with each system with no instructions, guidance, or user documentation.

For each task, points were assigned as follows:

- No difficulty: 2 points – participant completed the task within 30 seconds.
- With difficulty: 1 point – participant completed the task in less than 120 seconds but more than 30 seconds.
- Fail: 0 points – participant failed to complete the task or took longer than 120 seconds.
- The results, outlined below, were clearly in favor of Beltone Amaze.

Set up charger

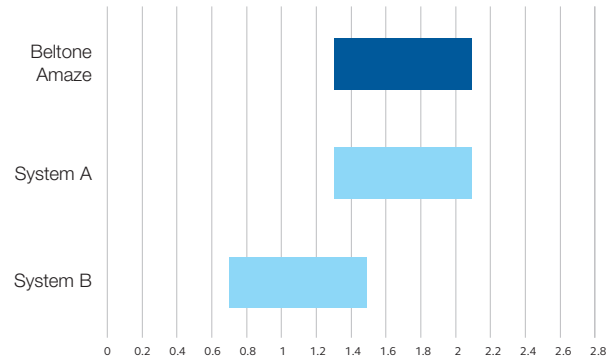
(confidence intervals)



The Beltone Amaze charger was significantly easier to set up than system A.

Charge hearing aids

(confidence intervals)

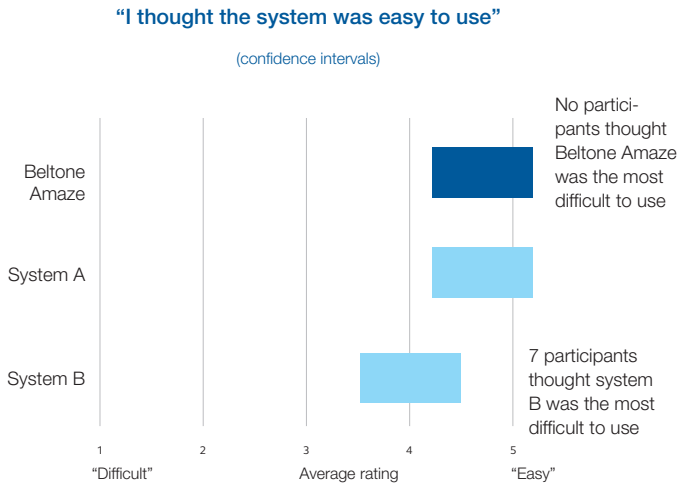


It was significantly easier for participants to figure out how to place the hearing aids for charging with Beltone Amaze than with system B.

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Perceived ease-of-use

Beltone Amaze and system A were selected as the easiest to use by an equal number of participants, while only one participant selected system B. In contrast, none of the participants selected Beltone Amaze as most difficult, whereas seven pointed to system B as the most difficult to use.



Conclusions

The rechargeable Beltone Amaze solution has been very positively reviewed by participants who used it in field trials. This is both in terms of battery lifetime as well as the functionality of the rechargeable system. In a usability test, participants showed high performance on all usability tasks with the Beltone Amaze system, while performance varied depending on the task for the other two systems. Taken together, these results point to Beltone Amaze as the most user-friendly rechargeable system.

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