

Hearing Aid Battery Facts

- **Noisy environments reduce battery life.** Digital hearing aids with automatic noise suppression can reduce battery life between 30 and 40 percent when worn in noisy environments.
- **Accessories** such as remote controls and wireless devices may decrease battery life.
- **Average battery life** is 5 to 10 days and varies based upon battery size, environment, and hearing aid circuit.
- **Open the battery door** at night to avoid moisture build up on battery contacts.
- **A low battery signal** signifies when to change batteries. Most digital hearing aids beep when the battery is running low. It is very uncommon that hearing aids in both ears have exactly the same battery drain. This means that the wearer should not expect exactly equal battery life from each hearing aid.
- **Keep the tabs on** hearing aid batteries until you are ready to use them. The tab is designed to keep air out of the hearing aid battery, preventing its activation until ready for use. Humid or tropical environments can cause the battery to take on moisture, have a

shorter battery life and potentially swell. Dryness from colder or arid environments can sometimes dry out the battery causing premature failure.

- **Do not put the battery into the hearing aid immediately** after taking the battery tab off. Wait two minutes to give the battery time to absorb enough air to charge it. If a fresh battery is placed in the hearing aid prematurely, a low battery signal may be heard and battery life may be shortened.
- **Store batteries at room temperature.** Avoid storing batteries in hot places. Refrigeration is not recommended. Do not carry loose batteries in your pocket, as metal objects such as coins and keys can short out batteries.
- **Hearing aid batteries** from most mass merchants have varying degrees of freshness due to the fact that they are warehoused prior to being sent to the retailer.
- **Handle battery compartments** with care and do not use excessive force. If there is resistance when shutting the battery compartment, ensure that the battery is inserted correctly.
- **Hearing aid batteries are toxic when swallowed.** Keep hearing aid batteries

out of the reach of children and pets. If hearing aid batteries are swallowed please seek the advice of a medical practitioner.

Perspiration Effects

- **Hearing aids** worn in the ear are somewhat less likely to be affected by perspiration than behind-the-ear hearing aids.
- **The vast majority of hearing aid users** will not experience any moisture issues.
- **A small group** of hearing aid users who perspire heavily and frequently may experience moisture issues with hearing aids. Perspiration can create a rusting effect at the point of metal and electrical contact and can cause intermittent battery function.
- **Use of a dry aid kit** is one solution for preventing moisture issues.

Battery Characteristics

- Shelf Life at 71° F is approximately four years
- Capacity is 90% after two years and 85% after three years.
- Tabbed voltage is 1.3v
- Tab off voltage is 1.4v after three minutes.

Battery Sizes

- 675: blue tab
- 13: orange tab
- 312: brown tab
- 10: yellow tab
- 5: red tab



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