Article published on August 22nd 2012 | Health

Digital hearing aids are the most popular hearing aids in the market. Digital hearing devices come in several different shapes, sizes, and price ranges, to fit a wide range of needs and wallets.

What Are Digital Hearing Aids?

Hearing aids come in two main categories: analog and digital. Knowing the different parts of a hearing device will help in understanding the differences between these two categories. All hearing aids contain the following basic components: a microphone, which helps pick up environmental sounds and conversations; hearing amplifier circuitry, which strengthens and augments the sounds; a miniature speaker or transmitter, which delivers the amplified sound to the userâ€™s ears; and the batteries for powering the above technology.

Analog hearing aids are the most basic variety of hearing aids. This type of hearing device simply amplifies all received sound waves, re-transmitting them in their raw form, just louder. Digital hearing devices, on the other hand, convert the received sound waves into digital signals using a sophisticated information processing microchip that is embedded within the amplifier circuitry.

Advantages of Digital Hearing Devices

Digital hearing devices are powerful and versatile. They are able to adapt to various auditory needs and environmental conditions according to the userâ€™s needs.

The microchip present in all digital hearing devices is capable of analyzing and processing the different sounds picked up by the microphone, which in turn, allows it to block out ambient noise in addition to offering a high level of whistle reduction. As a result, digital speech amplifiers significantly outperform analog hearing aids in noisy environments like concerts and crowded restaurants.

The presence of the microchip also makes it possible to pre-program the hearing aids for a wide variety of environments and hearing needs. Digital hearing devices are becoming more intuitive these days, able to offer increasingly personalized hearing augmentation.

Choosing the Best Digital Hearing Aid

Digital hearing devices are definitely the best choice when it comes to personalized hearing aids. In addition to the pre-programmable microchip, digital hearing devices can be further customized depending on your individual preferences. For example, hearing aids come in different shapes and sizes, from visible â€˜behind the earâ€™ (BTE) models to 100 percent discreet â€˜completely in the (ear) c styles. The different models make it easy to choose hearing aids that fit usersâ€™ particular requirements for comfort and discretion.

Hearing aid reviews are great tools for finding the best digital hearing aid for your needs. Search online for great reviews on digital hearing aids.

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Article Keywords:
digital hearing aids,hearing amplifier

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