



Article Side

Digital Hearing Aids and Information you need to know by [Crowin Smith](#)

Article published on February 21st 2012 | [Health](#)

No one wants to admit that they're losing their hearing. That's no surprise because understanding hearing is frightening. People don't worry about hearing aids until they wear large, bulky hearing aids. Fortunately, technology has advanced far enough to produce smaller hearing tools. A digital hearing aid is only one of many types of hearing tools.

Hearing tools are no longer big and bulky. Some of the hearing aids are very discreet, and difficult to detect. Most people still think hearing aids are cumbersome and embarrassing to wear. Some people even think the aids really don't help at all. That was true at one time, not anymore.

Before digital hearing tools were a reality, analog devices were the only choice. Analog hearing devices transfer sound waves through a microphone and then turn them into electrical signals. The sound is then amplified so the wearer can hear it.

The downside is that the analog devices don't amplify background noise. It's often difficult to hear conversation over the noise. That's how many people got the idea that hearing aids were a waste of time and money. That nuisance is now a thing of the past thanks to a new type of hearing aid.

A digital hearing aid doesn't amplify every sound. Certain sounds are amplified while background noise is not. This type of hearing tool transforms sound into a digital signal. The aid quickly studies the sound to determine if it's speech or background noise. It then looks for patterns in the speech or noise.

After the aid deciphers the speech from the noise, it amplifies the speech. The background noise is conveniently filtered out. Most of the hearing aids are adjusted to fit the environment. For instance, the aid might be more sensitive to background sounds in a noisy environment.

Some of the hearing aids also have directional microphones. A directional microphone detects sound from the front of the person better than sound from the back or side. It helps make conversations clearer, and reduces background noise. Anyone in need of hearing assistance should consider a digital hearing aid.

Article Source:

<http://www.articleside.com/health-articles/digital-hearing-aids-and-information-you-need-to-know.htm> - [Article Side](#)

[Crowin Smith](#) - About Author:

For more information regarding a [Digital Hearing Aid](#), Please visit a [Thehearingaidgenie.com](#)

Article Keywords:

Hearing Aid reviews, Hearing Aid, Hearing instrument, Hearing Aid devices