



Your child will hear much better with hearing aids or cochlear implant in a **H e a r i n g L o o p**

A hearing loop sends clear, pure sound to a hearing aid without background noise

Even with the most up-to-date technology, hearing aids and cochlear implants cannot completely separate important sounds from background noises; nor do they pick up all sounds from a distance such as those in an auditorium, a church or TV room. In such listening settings, hearing loops can offer an easy to use solution. A hearing loop wirelessly transmits sound to an antennae, called a telecoil, in a hearing aid or CI.

A hearing aid with a manual telecoil is needed to pick up the signal from a hearing loop

The telecoil, also called T-coil, links into the signal from the loop and turns it back into sound in the hearing aid. This process eliminates much of the background noise. The listener hears only pure sound that is desired whether it is speech from a pulpit, a podium or a TV.

Wi-Fi for hearing aids

Given a hearing loop, hearing aids or CIs with a T-coil serve as customized, wireless in-the-ear loudspeakers, thereby doubling their functionality.

Facilities that offer hearing loops display the symbol on the right:



Testimony:

"We have been using a hearing loop in our TV room and the girls noticed huge difference. They initially used y-cords to connect to their iPods, but those audio shoe connects are pretty temperamental. They loved using a neckloop so we decided to put a hearing loop the family room."

Vicki Denzin—mother of 2 girls who use hearing aids (Neenah, WI)

Where are hearing loops used?

Hearing loops are helpful in a variety of places. Some are used for extended time, and others are beneficial while a person is in transit.

- Examples of extended time use include:
 - Theaters and performing arts centers
 - Places of Worship & large meeting rooms
 - School auditoriums
- Examples of transient use include:
 - Ticket counters and information booths
 - Doctors' offices and pharmacy counters
 - Drive thru and pick up windows
 - Trains, buses & museum exhibits

A few common home devices that can be used with a neck or small room loop

Television or computer
Telephone (landline or cell phone)
iPod or spoken book CD player

To learn more about hearing loops
hearingloop.org • loopwisconsin.com

For questions contact audiologist
Dr. Juliette Sterkens: jsterkens@new.rr.com

Hearing Loop Technology in the News

New York Times (front page)
nytimes.com/2011/10/24/science/24loops.html?_r=1

National Public Radio
npr.org/2011/11/25/141721718/with-the-flick-of-a-switch-its-crystal-clear-to-hear

Scientific American
hearingloop.org/scientific-American.pdf