

**Check list:**

My hearing aids have a T-coil:

Yes\_\_ No\_\_ Don't know\_\_

My instruments have an

- **MT** (microphone and T-coil combined) program:  
Yes\_\_ No\_\_ Don't know\_\_
- **T (Tcoil only)**  
Yes\_\_ No\_\_ Don't know\_\_

How do I access the T-coil?

\_\_\_ Push button

\_\_\_ Slide Switch

\_\_\_ Remote control

**Question:** How can I tell that my instrument(s) are set to listen in the hearing loop?

**Answer:** Push the button and you will hear beeps, (one beep, two beeps, three beeps etc) or talking (you will hear the words: "Microphone and telecoil" or "Telecoil" only)

Notes \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



The hearing loop in our church was installed by Fox Valley Hearing Loop.

This business is owned by Juliëtte Sterkens & Leroy "Max" Maxfield.

Juliëtte Sterkens, who originates from the Netherlands, holds a Master's Degree & Doctorate in Audiology. Dr. Sterkens has practiced as an audiologist in the Fox Valley since 1983.

LeRoy "Max" Maxfield, who has a Bachelor of Science in Engineering & Masters Degree in Mechanical Engineering, is a retired test & development engineer of 27 years at Oshkosh Corporation, and served in the US Army Signal Corps.

They have made Oshkosh their home since 1981 with their two children Joëlle and Lars.

[Our Mission Statement](#)

**To promote awareness & installation of hearing loops in the Fox Valley**

[Our Vision Statement](#)

**A Fox Valley where all kinds of assistive listening systems are common place**

[Our Church](#)

Now offers a **Hearing Loop**

For Hearing Aid Users

Equipped with T-coils



**HEARING LOOP INSTALLED**  
**Switch hearing aid to T-coil**

- What is a hearing loop?
- How can it help me hear?

## What is an induction loop and how does it work?

A hearing loop provides a magnetic, wireless signal that is picked up by the hearing aid when it is set to 'T' (Telecoil) setting. The loop system consists of a microphone to pick up the spoken word; an amplifier which processes the signal which is then sent through the final piece; the loop cable, a wire placed around the perimeter of a room or sanctuary to act as an antenna that radiates the magnetic signal to the hearing aid.

When a hearing aid user selects the 'T' setting; he or she can pick up the sounds spoken into the PA system's microphone instead of the hearing aid's internal microphone. This results in improved speech understanding because the listener receives a clear signal without any background noise.

*In Europe thousands of hearing loops are in use, including one at Westminster Abbey*

## Why are hearing loops needed if I already own hearing aids?

Digital hearing aids have significantly improved in the last decade, but they still do not restore hearing to normal. Therefore, understanding speech in reverberant places such as auditoriums or churches is often still difficult. Hearing aids equipped with T-coils can help greatly in this situation.

When a hearing aid is set to "T"-coil, the instrument becomes a personalized speaker in the ear for the sounds that are picked up by the microphone of the public address system. That way sounds are heard clearly, without distortion or background noise pick-up.

## How do I know if I have a T-coil?

The T-coil program is accessed by a push button on your hearing aid or via the use of a remote control. Audiologists often recommend this T-coil setting for listening on the telephone without whistling. Most behind the ear hearing aids, and all but the smallest of custom in-the-ear instruments, can be so equipped. Sometimes the T-coil is installed but not activated. Another option is the Mic *plus* T-coil setting. This setting lets you hear a combination of sound all around you and the hearing loop.

*Unsure what is right for you? Ask your audiologist or contact us via email: [juliette@foxvalleyhearingloop.com](mailto:juliette@foxvalleyhearingloop.com)*

## Other advantages include:

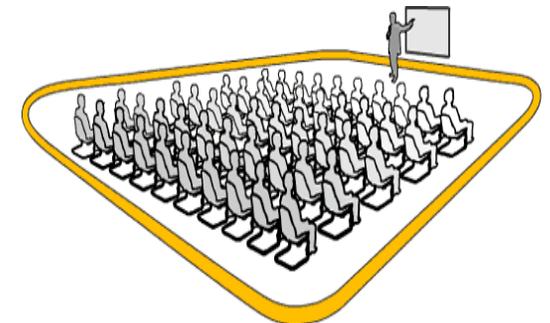
- Inconspicuous; no need to locate, check out, and wear a visible headset.
- Loop systems utilize a universal frequency that *any* T-coil equipped instrument can pick up.
- Eliminates hygienic concerns.
- Listeners use hearing instruments they own and as a result sound is *optimized* for their personal hearing loss and needs.
- Hearing loops are compatible with modern cochlear implants.
- Loop systems don't require churches to purchase, maintain, and replace portable receiving units (though such can be purchased for those without suitably equipped hearing aids).

**For all these reasons, loop systems are far more likely to be used - *and increasingly used* - once installed**

## Where else can Hearing Loops be used?

Hearing loops can be easily installed in your TV room or living room. A hearing loop will let you hear the TV clearer without having to turn the volume up.

Other installations include: retail counters, counseling rooms, theatres, tour buses, information booths, banquet halls and meeting rooms.



## To learn more about hearing loops:

[www.hearing-loop.com](http://www.hearing-loop.com)

[www.hearingloop.org](http://www.hearingloop.org)