



LOOP
COMMUNICATION



DIGI·LOOP™

Your audience is filling the room... motivated to listen, learn and be inspired. From houses of worship to university lecture halls to business conferences, induction loop technology from Williams Sound ensures every listener in attendance — including those using T-coil-equipped hearing aids — can hear your message clearly. Our induction loop systems provide peace of mind — complete solutions that help increase intelligibility, enhance user experience, and readily meet your facility's needs for hearing assistance or ADA/DDA compliance.

- ✔ *Network control capability — seamless, remote system set-up, operation and monitoring via laptop, tablet or other portable device.*
- ✔ *Discrete — those with T-coil-equipped hearing aids do not need a separate receiver*
- ✔ *Listeners can sit anywhere “in the loop” — number of listeners is only limited by the number that can fit in the “looped” area.*
- ✔ *Can be used in any country — no license requirement*
- ✔ *Flexible — fully customizable options available*
- ✔ *Covered by Williams Sound 2-year warranty*

It's Here.
NETWORK
CONTROLLED ASSISTIVE LISTENING



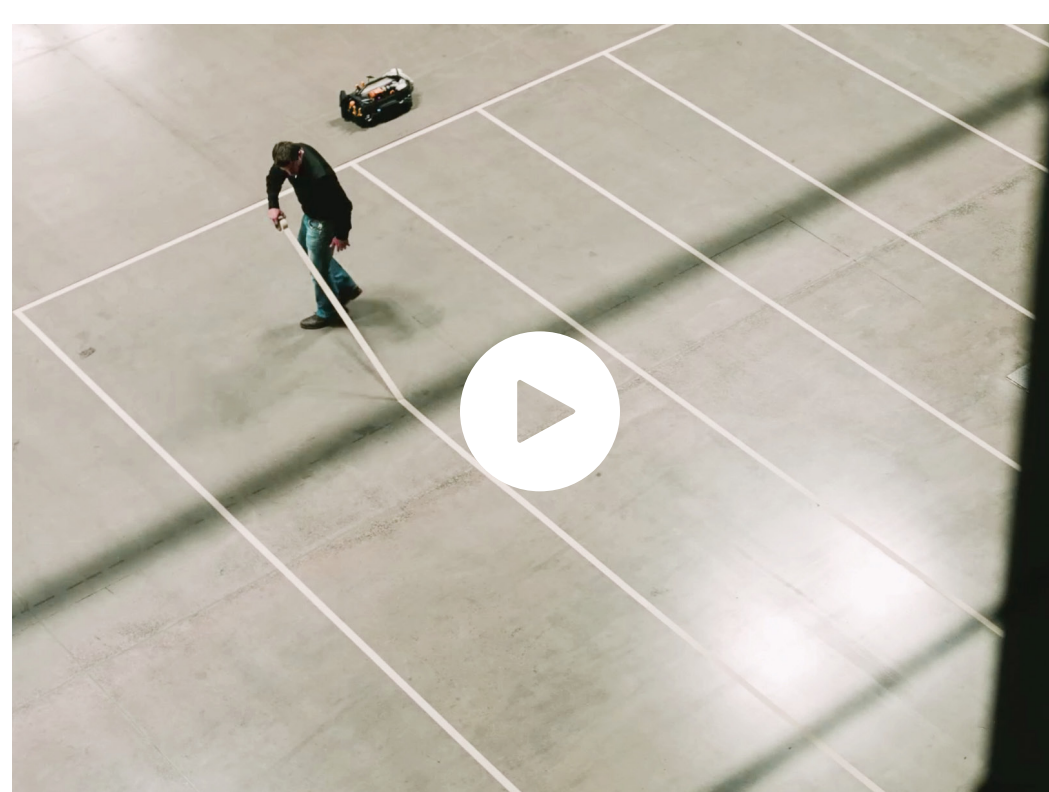
INDUCTION LOOP SYSTEMS

Induction loop systems consist of a wire that is placed around the listening area, a special amplifier and an audio source. Audio signals are amplified and circulated through the loop wire. The resulting magnetic energy field is detected and amplified by the “telecoil” common to many hearing aids, cochlear implants and induction loop receivers. The end result is a high-quality amplified reproduction of the original audio signal. Intelligibility is greatly increased because the distance between the speaker and the listener(s) is bridged and background environmental noise is reduced.

 **ADA/DDA**
COMPLIANT

SYSTEM COMPONENTS View our full induction loop line at williamssound.com/loop

Digi-Loop is definitely state-of-the-art – the first of its kind to maximize modern amplifier technology. Its network control capability provides seamless, remote system set-up, operation and monitoring via laptop or tablet. DSP audio processing offers flexible, powerful software control of mixing, equalization, compression, AGC, tone generator, loop phase shift and more. Powerful Class D, pulse-width amplifiers maximize efficiency. The Digi-Loop's dual-amplifier design offers flexibility, with the option of single 12A loop output for a perimeter loop, or dual 10A loop outputs for two loops or a loop array, or one loop/one loudspeaker. Priority input (70-100V) is also available for connection to a paging system (or distributed speaker system), ensuring announcements are heard by loop users.



LOOP VIDEO



Scan code and watch now.



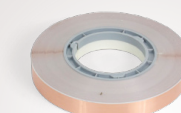
The **PLR BP1** body-pack induction loop receiver is designed for use within an induction loop system by individuals who do not wear T-coil-equipped hearing aids. Simple and convenient to use, this receiver is compatible with all IEC60118-4 compliant induction loop systems. The PLR BP1 receiver is compatible with the optional CHG 3512 and CHG 3502 drop-in chargers.

PLW F300 / F500

Power Loop Wire, Flat Copper, 3/4" Wide, 300' or 500' spool.

FWT 001

Flat Wire Tape — Cloth-based flat wire warning tape, 2"W x 180'L Roll. White cloth with blue lettering. For securing flat loop wire to floor. Strong adhesive but releases without leaving residue.



VARIETY OF ACCESSORIES — Williams Sound offers a wide selection of high-quality accessories, including earphones, microphones, batteries and chargers [View our full digital line at williamssound.com/accessories]

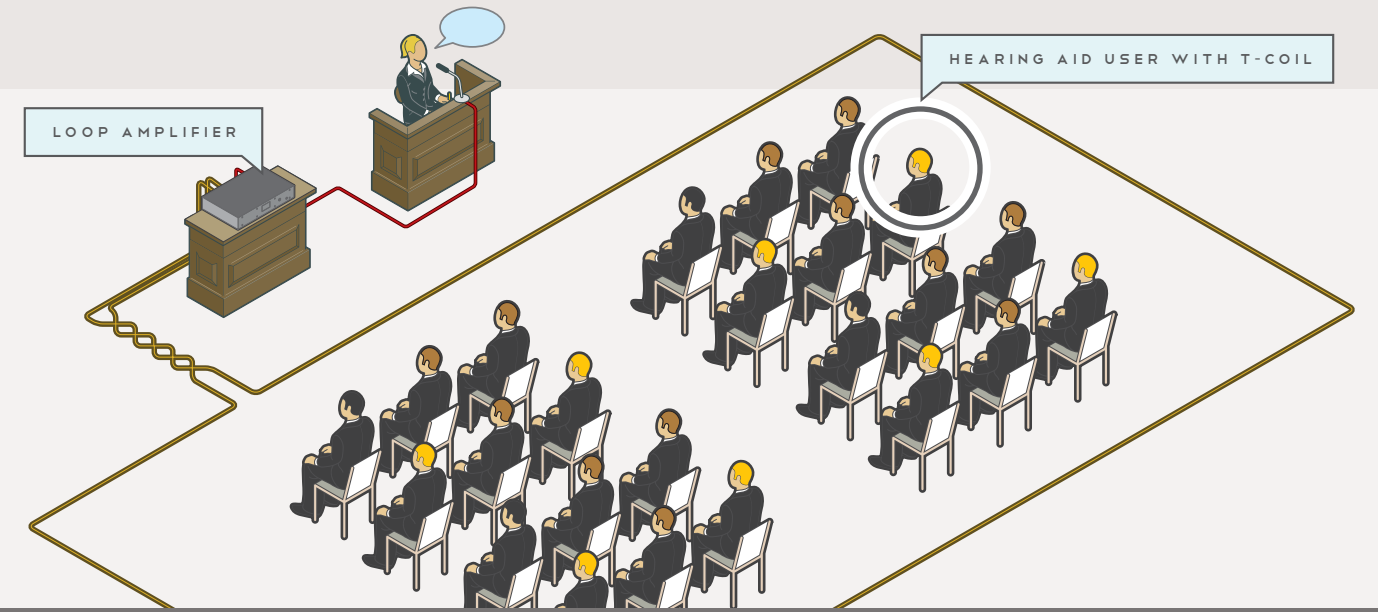


CUSTOM SOLUTIONS

Induction loops are an inherently simple technology, but care should be taken (and professional advice sought) in their design, specification and installation so that the facility conforms to the International Standard and is of optimum benefit to the end user.

Williams Sound offers an in-house technical support team to help you plan and install an induction loop system in your facility. Contact 952.943.2252.

HOW IT WORKS



1. A sound source, such as a voice, TV or other audio system, is captured using a microphone or via a line out connection.
2. The sound signal is then connected to an induction loop amplifier. This generates a current to pass the signal to an induction loop, usually made of copper tape or wire.
3. The copper wire induction loop (usually) surrounds the area where the listening audience is located and produces a magnetic field.
4. The magnetic field is picked up by the Telecoil (or T-coil) inside the hearing aid of an audience member who has difficulty hearing.
5. The hearing aid tailors the sound to the specific needs of the individual. Sound is delivered directly into the ear canal, without background noise and with the full spectrum of sound frequencies required for intelligibility.

SEAMLESS, REMOTE OPERATION

DSP AUDIO PROCESSING

DIGITAL AUDIO INPUTS (AES3/XLR)

TWO LOOP OUTPUTS

ADA / DDA COMPLIANT

2-YEAR WARRANTY

MARKETS SERVED

Auditoriums

Houses of Worship

Schools / Universities

Theatres

Conferences

DIGITAL FM INFRARED LOOP

williamssound.com/digi-loop



For more information about Williams Sound's full line of professional listening products and accessories, please contact our sales department through any of the contacts listed below.

800.843.3544 (USA) / +1.952.943.2252 (Outside USA) / 952.943.2174 (fax) / williamssound.com / info@williamssound.com /