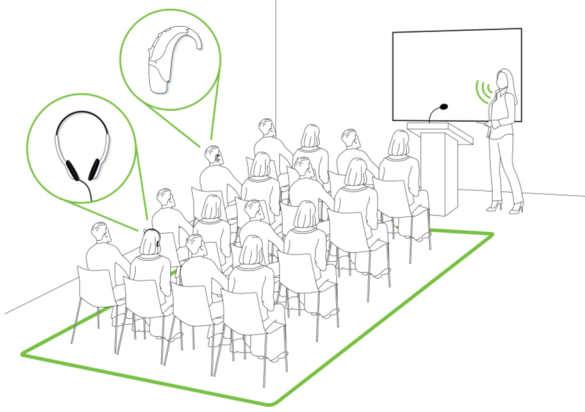


INDUCTION LOOP SOLUTIONS



A hearing loop typically consists of a physical loop of specialized cable or an array of loops of cable which are placed under the floor coverings around a designated area, usually a room or a building and a rack mounted amplifier attached to the PA system. The cable generates a magnetic field throughout the looped space which can be picked up by a telecoil (t-switch) enabled hearing aid, cochlear implant (CI) processors, and specialized hand-held hearing loop receivers for individuals without telecoil compatible hearing aids.

Depending on the cable specifications, amplifier strength, loop design and other factors the field will cover a few meters either side of the cable, therefore cable placement and design is vital to maintaining signal strength and consistent coverage.

Recommended Applications:
Aged Care, Churches
Council / Community Centers
Small / Large Commercial Venues

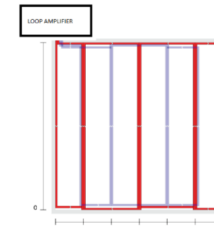
Options: Wireless Alternatives Available

Basic / Perimeter Loop



Small rooms without interference issues may suit a perimeter loop. This is the cheapest option but has limited applications. The cable is placed up to a meter from the wall around the outside of the room. This loop is freely accessible and not secure.

Phased Array / Low Spill Loops



Loops that may have interference, or security issues may require a more complex low spill loop. A low spill loop uses a narrower signal therefore needs to be in closer intervals to have adequate coverage.

Low spill loops are used when there are 2 loops in close proximity or metal interference potential.

Practical Considerations

Induction loops are recommended in limited situations and the following items should be considered before committing to installing an induction loop.

- Induction loops will only transmit to telecoil enabled hearing aids, which is a small and diminishing portion of the population,
 - Inductions loops are typically installed under the floor coverings which must be removed and replaced for installation and repairs,
 - Induction loops have simple, automatic connection when in range but are not secure,
 - Interference can be caused by other loops, metal and electronic equipment,
 - Induction Loops are compliant to BCA D3.7
- *Subject to coverage and signage requirements.

Consulting & Design Services Available
All loops are quoted individually



Hearing Loop Australia
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