Why Hearing Enhancement System ?

People with hearing loss should be able to access facilities in a building and to participate fully in activities such as counter communication, conferences, meetings and entertainment.

Hearing enhancement systems are important in locations where an audience will normally be present, where intelligibility of a sound source can be compromised by distance or reverberation, in locations where a physical barrier exists between speaker and listener and where information will be sought.

3 forms of Hearing Enhancement Systems

- Audio Frequency Induction Loop System
- Infra-Red System (IR)
- FM (Radio) Transmission System

SecureCom

We provide complete equipment solutions for your application. We have solutions to meet the simplest setup to the most extreme environmental conditions, Electro-Magnetic Compatibility (EMC) and safety requirements.

We use IEC-60118-4 standards for all our installation. Proprietary tests and measurement equipment are used to allow monitoring and measuring of your system performance.

Our dedicated Support Team provides an unrivalled level and quality of service to our customers.

We provide advice and guidance on any aspect of system design, installation, maintenance and troubleshooting.

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Hearing Enhancement System



Don't be left out of the loop

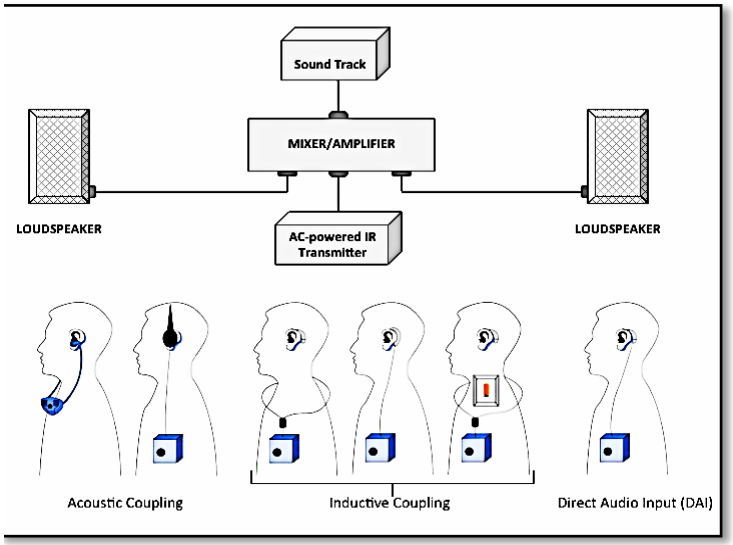


"Hear the difference"

Infra-Red / FM System

Infra-Red (IR) systems are popular in auditorium applications, offering line-of-sight wireless communication, providing flexibility and, within a room, privacy of transmission. They are not readily affected by electrical interference, though do require the use of additional personal receiver units. They can, however be adversely affected by strong sunlight.

Radio systems offer benefits similar to infra-red (IR), with the added advantage that line-of-sight is not required. However they can potentially offer less privacy as signals may pass through obstructions such as walls and be picked up on other receiving equipment.



Audio Frequency Induction Loop System

A loop system transmits an audio signal directly into a hearing aid, greatly reducing background noise, competing sounds, reverberation and other acoustic distortions that reduce clarity of sound. The diagram to the below illustrates how they work.

Induction Loop can be beneficial in many environments, from large venues such as theatres and conference facilities, to one-to-one communication such as ticket counters and meeting rooms. They are the only effective solution for transport environments, in vehicles, terminals and stations.

