

Claude Induction Room Loop Systems *Loop systems for assistive listening*

Typical Installation.



Discreetly installed induction loop system



Copper tape antenna installed under carpet

Claude Systems Copper tape room loop

The Claude Systems inductive loop is professionally designed and manufactured, consistently scoring above competitor's products in independent tests.

Our systems are designed to deliver a strong, clear sound covering areas up to approximately 1000 square metres. Connected to either a hard wired or copper tape antenna, this is an ideal inductive loop solution for meeting rooms.

Systems can be designed and installed to cover either simple room layouts or more complex areas such as Theatres and Auditoriums. Variation of loop output allows precisely defined and controlled coverage

Claude Systems built in compression circuit ensures that whatever the input level, discomfort or damage is prevented to the hearing aid user, in the event of sudden harsh sounds occurring such as doors being slammed.

Our systems meet with all relevant European and British Standard approval for operation and safety. In particular BS.6083 PART 4 and BS. 7594 and RoHS compliant.

Fully trained Claude Systems Ltd engineers complete all installations. Clients have the comfort in knowing that installations are fully guaranteed and have the back up of our technical help desk.

Claude Induction Room Loop Systems

Loop systems for assistive listening

TYPICAL EQUIPMENT

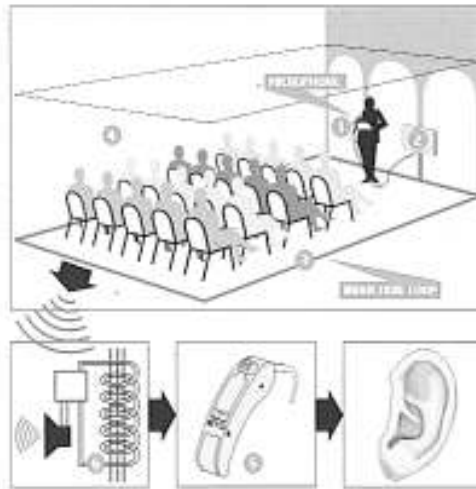
Claude Systems Ltd's trained staff will be pleased to carry out site surveys or discuss "off plan" requirements and provide specifications for individual projects. However a typical system may require:

Microphone	(Quantity and style dependant on conference requirement)
Induction loop amplifier	(Rating dependant on area being covered)
Loop antenna	(Hard wired or copper tape selected for best installation)
Power supply unit for amplifier	

ELECTRICAL SUPPLY

Our system simply requires the client to provide a 13Amp socket within 1 metre of the amplifier position.

How the system works



- AUDIO INPUT FROM MICROPHONE.
- AMPLIFIER DRIVES CURRENT INTO LOOP
- CURRENT FLOWS THROUGH CABLE CREATING A MAGNETIC FIELD
- HEARING AID HAS A SMALL TELECOIL THAT PICKS UP THE MAGNETIC FIELD SIGNAL
- SIGNAL IS AMPLIFIED INTO HIGH QUALITY AUDIO SIGNAL
- SIGNAL IS DELIVERED DIRECTLY TO THE EAR OF THE HEARING AID USER

The Company reserves the right to alter any technical specification, equipment or materials at any time

Claude Systems Ltd 4 Bellman Way, Donibristle Ind. Park, Fife, Scotland KY11 9JW
 Tel – 01383 820011 Fax – 01383 820093 Internet – www.claudesystems.com