

Induction Loop Systems from CIE-Audio

• IL-PL20 Portable Induction Loop System

The Contacta Portable Loop System has been designed specifically to aid communication with students with hearing difficulties who wear a hearing aid featuring a 'T' facility.

Features:

- Simple, stylish, robust design
- Lightweight and easy to carry
- In-built microphone and rechargeable battery
- Provides a minimum of 24 hours usage
- Battery status & operation LED display
- Microphone input for optional expansion boundary microphone
- Set-up for use in a matter of seconds



Applications:

Designed specifically for one-to-one and small group applications with localised coverage of approximately 3m².

• IL-CL10 Clipboard Portable Induction Loop

Operating in much the same manner as the IL-PL20 above, the IL-CL10 Clipboard Portable Induction Loop provides an even more discreet and visibly non-discriminatory solution to assisting the hearing impaired.

Features:

- Highly discreet
- Simple, stylish, robust design
- In-built microphone and rechargeable battery
- Battery status & operation LED display
- Set-up for use in a matter of seconds



Applications:

Designed specifically for one-to-one applications, (maximum 1.2 metres apart) such as the classroom, doctors surgeries, interviews, etc.

• Induction Loop Testing Equipment

A step by step guide to testing an induction loop system using SigNET's pink noise generator and magnetic field strength meter.

Connect the P-NGen Pink Noise Generator to the AFILS amplifier's line level input.



Adjust the amplifier's drive control to its mid-setting.



Measure the field strength throughout the covered area using the FoSmeter Magnetic Field Strength Meter.

A reading of between -6 and +6dB throughout the covered area (achievable by adjusting the amplifier's drive control) confirms the system is compliant.

Important: Once you have verified the magnetic field strength of the system, we recommend you listen to the system's real audio source(s) using a loop listening device (such as the FoSmeter H) to ensure there is no 'clipping' distortion. If any adjustments need to be made to the amplifier's settings, be sure to re-test the system using the P-NGen pink noise generator and a FoSmeter variant before signing the installation off.

CIE-Group support Deafblind UK - the association of deafblind and dual sensory impaired people.

www.deafblind.org.uk

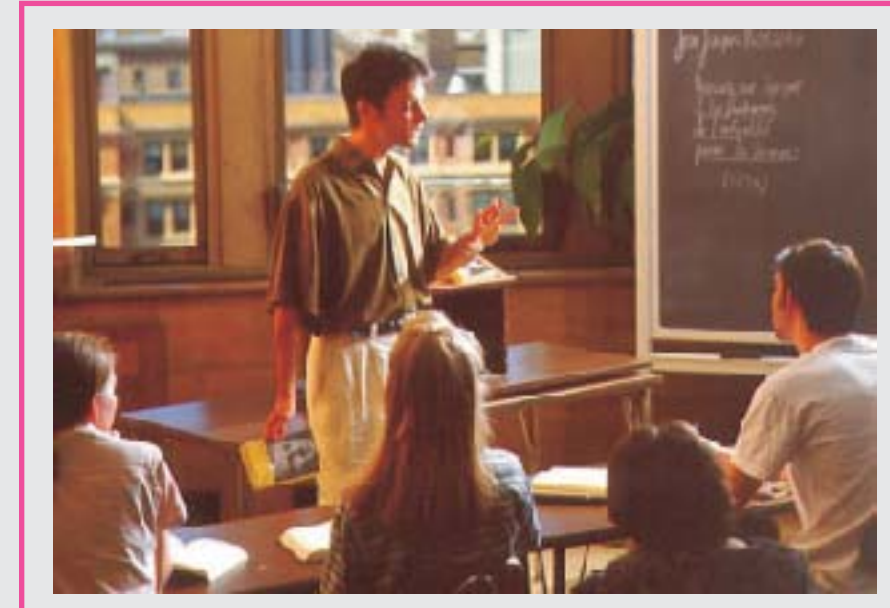
Disability Discrimination Act legislation deadline: 1st October 2004



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induction loop systems for the hearing impaired

The Disability Discrimination Act states that any business or organisation providing a product or service to the general public will be required to install induction loop or infrared systems where it is impossible or unreasonably difficult for a deaf or hard of hearing person to make use of a service.

Full implementation of the DDA legislation must be completed by 1st October 2004.

www.cie-audio.com

Induction Loop Systems from CIE-Audio

The Royal National Institute for Deaf people estimates that some 8.7 million people in the UK have some degree of hearing loss.



With this in mind, the Disability Discrimination Act states that any business or organisation providing a product or service to the general public will be required to install induction loop or infrared systems where it is impossible or unreasonably difficult for a deaf or hard of hearing person to make use of a service.

Furthermore, British Standard BS8300 (the new code of practice for the design of new buildings and their approach to meet the needs of disabled people) states that 'a hearing enhancement system (e.g. an induction loop) should be installed in rooms and spaces used for meetings, lectures, classes... etc.'

Full implementation of the DDA legislation must be completed by 1st October 2004.



In assisting to break down the barriers faced by many hearing-impaired people, CIE-Audio now provide a comprehensive range of **fixed and portable induction loop systems**. Meeting the requirements of almost any scale of application - from the largest theatres, churches and conference centres, to bank and ticket office counters, to smaller requirements such as training rooms and classrooms - CIE-Audio's Induction Loop range has a high quality, cost effective solution.



Manufactured by market leaders **SigNET** and **Contacta**, these products will not only ensure that organisations are meeting their legal requirements, but equally will provide greater customer satisfaction and loyalty where induction loop systems are installed. The hearing impaired will benefit in these environments from a greater clarity of sound, together with reduced levels of background noise.

'Service providers, property owners, designers and the construction industry should be taking steps to ensure that their buildings and designs do not discriminate against people with any form of disability.'

What is an Induction Loop System and how does it work?

- An induction loop allows hearing aid users to receive signals picked up and transmitted directly to the hearing aid telecoil - the 'T' position.
- A person with impaired hearing will be able to overcome the difficulties of a noisy environment or poor acoustic space and hear more clearly.
- The loop is an insulated thin wire which runs all around the perimeter of the environment to be served. The size of the field required can vary depending on the application.
- The Induction Loop is served by a driver amplifier which is fed from a microphone and/or sound amplification system.

• Permanent Induction Loop Systems



The SigNET PDA range is one of the UK's most popular permanent Induction Loop Systems, providing solutions from the smallest to the largest rooms, offering signals to the hearing aid from microphones, video and audio systems...



• PDA101 Room Kits



• PDA200E Wall Mount Version



• SigNET's PDA Permanent Induction Loop Range

Product:	Area Coverage:	Application:
PDA101C	Counter Loop Kit	Ideal for ticket counters and reception desks
PDA101L	Up to 50m ²	Ideal for smaller meeting rooms, classrooms, etc.
PDA101S	Up to 50m ² + TV SCART connection	Ideal for smaller meeting rooms and classrooms where a signal from TV/video/DVD is also required
PDA200	Up to 120m ²	Medium sized rooms, larger classroom areas, receptions, small church areas
PDA200E	Up to 120m ²	As above, wall mounted version
PDA800	Up to 400m ²	Medium to large applications such as church, conference, etc.
PDA500	Up to 250m ²	Rack mountable - for medium sized rooms, larger classroom areas, receptions, small church areas
PDA1000	Up to 550m ²	Rack mountable - large area coverage applications such as church, conference, etc

• Outreach Plates - Audio Input Extension System



SigNET Outreach Plates add both diversity and flexibility to the PDA200E, by providing a complete range of additional input options. A total of 6 plates are available - one to suit virtually every conceivable variant of audio input connector - and each featuring a built-in mixer, pre-amp, input level control and balancing output.

A typical outreach plate system (shown connected to a PDA200E audio-frequency induction loop amplifier).

