

# Automotive Induction Loop

AIL



In busy or noisy environments, hearing aids amplify both background noise and the spoken word. Hearing induction loops employ a microphone to pick up the spoken word which is transmitted to a hearing aid set to T mode by the wearer.

Configure's Automotive Induction Loop runs from a 24V DC supply to provide a permanent loop facility in vehicles.

## Related Products and Services

**Portable Induction Loops**  
**Guide Induction Loops**

Configure is the UK's leading commercial disability access consultancy, providing intelligent solutions for businesses to meet their obligations under the Disability Discrimination Act.

We offer a comprehensive range of cost effective and easy to implement services that include access audits, auxiliary aids, building adjustments and staff disability equality training.

- Runs from a 24v DC supply
- Automatic gain control circuit prevents any sudden loud noises reaching the listener
- Soft start feature ensures noises such as clicks during power-up do not reach the output
- Fully protected against thermal and over-current conditions
- Optional interfaces allow input from other sources such as on-board PA systems, audio-visual systems, etc.



## Loop

AIL

Supplied with high quality boundary layer microphone which can be permanently fixed in place

Simple installation using only 2 screws

Power (red) and Loop Active (green) LEDs visible through the lid

Balance can be adjusted to suit the nature of the installation

Two microphone inputs

Optional interfaces to allow input from on-board PA system, audio-visual system, etc

Automotive style push-fit connectors for ease of installation and reliability of operation

Indoor use only

Not user-serviceable

CE-marked

<b>Weight</b>	<b>220g</b>
<b>Overall Dimensions</b>	<b>185mm x 87mm x 45mm</b>
<b>Finish</b>	<b>ABS fine textured</b>
<b>Fixing holes</b>	<b>for 2 off no. 8 screws on a 140mm pitch.</b>
<b>Audio inputs</b>	<b>2 off 3.5mm jack sockets with phantom power for unbalanced electret microphones.</b>
<b>Microphone sensitivity</b>	<b>-62dB ± 3dB (0dB = 1V/μBar @1kHz).</b>
<b>Output</b>	<b>via push-fit automotive style connector (supplied)</b>
<b>Output current</b>	<b>0.9ARMS</b> <b>3.0APEAK (125ms).</b>
<b>Loop impedance</b>	<b>0.1 to 10.</b>
<b>Dynamic range</b>	<b>60dB.</b>
<b>THD+N (amplifier)</b>	<b>0.5%</b>
<b>DC input</b>	<b>24V nominal @ 1A maximum.</b>

**This information is available in alternative formats**

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