

# KTP PASSENGER VEHICLE INDUCTION LOOP

Now Type Approved for OEM fitment to motor vehicles



**Create stronger relationships with your hard of hearing passengers and comply with the Disability Discrimination Act**

## Background

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The **KTP Passenger Vehicle Induction Loop (PVIL)** is a specially designed low power induction loop system to aid the hard of hearing. Independent research has shown that the use of induction loop systems makes conversations with hearing aid wearers easier and more relaxed. As around 1 in 7 of your passengers or staff will have some form of hearing disability, it is now a requirement for all Busses and Coaches to provide this facility under the Disability Discrimination Act 1995

## Main Benefits

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- Clearer, more relaxed, less time consuming conversations
- Conversations are unaffected by security screens
- Eliminates the embarrassment of having to shout
- Reduces the need to repeat words
- Advanced noise cancelling circuitry
- Self Installable
- Can be interfaced with IBus using optional adapter
- Type approved: E11 10R 03 6079 e11 03 0679

## Installation

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The KTP **PVIL** is one of the few systems on the market designed to be self-installable, requiring no special skills or tools. The savings that can be made through not requiring specially trained installation staff are considerable, making the KTP **PVIL** one of the most cost effective solutions for vehicle compliance with the DDA. The Loop box (27cm x 27cm x 2.6cm) can be fitted either vertically or horizontally with a single wire connection to the cab microphone, audio line input and a small cable connected to the vehicle's 12v DC switched power source. The "loop" cable is factory fitted within the loop box eliminating the need for separate and sometimes messy loop wire installation in headlinings, pillars etc and there are no installation adjustments required as each unit is set to its optimum performance levels during manufacturing and testing. The KTP **PVIL** is one of the lowest power consuming induction loops on the market, utilising "run cold" technology and consuming just 3.6 watts, excessive heat build-up is eliminated thus reducing any potential fire hazard associated with some vehicle electrical equipment.

## Ease of Use

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The **PVIL** system operates 24/7 without involving staff. The red indicator light confirms power to the unit and the green light which flickers in relation to speech levels confirms that all is well and audio is being transmitted by the system. Hearing aid wearers seeing the sign just need to select the "T" switch position on their aids. We recommend that power connection is wired through the vehicle accessory circuit as there is no need for the system to be powered when the vehicle is not in use and the need to remember to turn it on when the vehicle is in use is eliminated.

## Technical Specification

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<b>DIMENSIONS</b>	Loop Box	270mm x 270mm x 27mm
	Finish	Black Textured ABS fully insulated
	Microphone	70mm(L) x 40mm(W) x 27mm(H)
<b>POWER REQUIREMENTS</b>	12vDC 3.6w protected by 1A fuse	300mm cable terminated with 2.1 x 5.5mm DC power socket, centre pin positive
<b>INPUTS</b>	Audio Line Level input 1v p-p non adjustable	300mm cable terminated with a RCA "Phono" female socket.
	Microphone	300mm cable terminated with 3.5 mono jack socket.
<b>MICROPHONE</b>	Frequency	50Hz to 13kHz
	Impedance	300 Ohms
	Sensitivity	-64+/- 3dB
	Phantom power	1.5v to 10v
	Signal to Noise Ratio	> 40dB
	Connectivity	2.7Mt cable with 3.5 jack plug

The KTP PVIL is currently the only Type Approved Hearing Induction Loop for OEM fitment to Motor Vehicles.  
Approval Numbers: E11 10R 03 6079 e11 03 6079



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KTP operate a policy of continuous improvement and reserve the right to change designs, specifications and components without prior notice©