



The ILP01 Induction Loop Panel provides an easily mounted induction loop solution for areas requiring localised induction loop coverage. For installations such as railway stations this will be for Ticket Halls, and areas such as platforms, passageways, and concourses. This Induction Loop system helps service providers comply with the Disability Discrimination Act requirements for the hearing impaired, with the minimum of installation work, and of impact to the aesthetics of the site.

The ILP01 Induction Loop Panel is fully compatible and integrated with the Application Solutions range of Public Address and Voice Alarm systems, typically using 1, 2 or 3 loops driven from a M100 100 W amplifier. The location of the amplifier in the PA (Public Address) racks provides increased reliability and reduced maintenance cost compared with local amplifier solutions, and also enables the provision of standby amplification and battery backup.

In London Underground (LUL) applications the ILP01 Induction Loop is suitable for installation either on the wall or on the ceiling above the journey planner board. When wall-mounted it is suitable for installation at 2.5 metres nominal height whereas when ceiling-mounted it is suitable for installation at 3.5 metres nominal height.

Ticket Hall installation normally requires two panels and an optional infill panel, while a single panel can be installed where a smaller coverage area is adequate, e.g. in passageways or concourses. Up to three panels can be driven from the same feeder line in different areas of the same PA zone without loss of performance. Each panel can be connected to the 100 V feeder line of an ASL PA system in the same fashion as a loud-speaker, and an end-of-line (EOL) resistor is fitted on a terminal block in each loop panel to terminate the line.

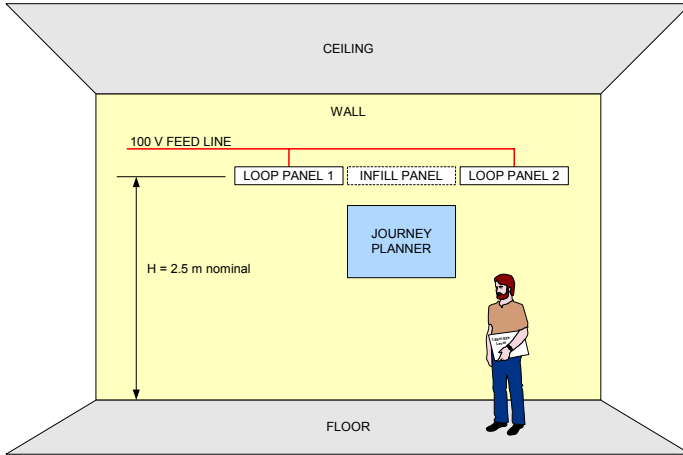
The ILP01 is fully compliant with AFILS (Audio Frequency Induction Loop System) standard BS EN60118-4, and LUL Induction Loop specifications. When installed as outlined on the following page the coverage area exceeds 6 sqm in Ticket Halls, and is in excess of 2 sqm for journey planners in platforms, concourses, and passageways.

Field connections are provided by an internal terminal block.

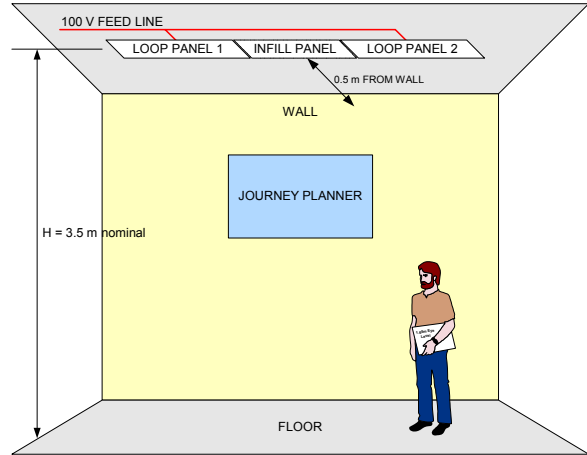
For further details, and for information on other products, please visit [www.asl-control.co.uk](http://www.asl-control.co.uk).

## TICKET HALL LOOP LAYOUTS

WALL MOUNTED LOOP (PREFERRED LAYOUT)

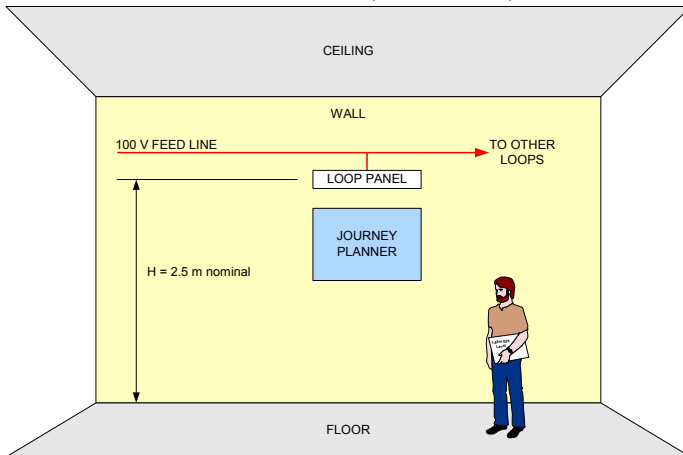


CEILING MOUNTED LOOP

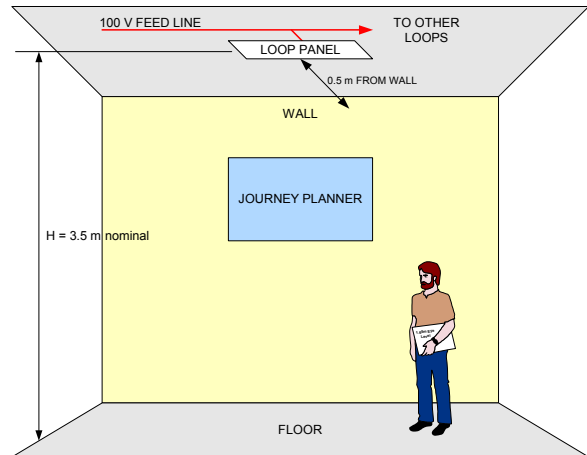


## PLATFORM, CONCOURSE, AND PASSAGEWAY LOOP LAYOUTS

WALL MOUNTED LOOP (PREFERRED LAYOUT)



CEILING MOUNTED LOOP



Layouts and heights against the LUL requirements for Tubelines only. They are not necessarily representative against any other requirements.

## SPECIFICATION

### General

End of Line Resistance .....	10 kΩ ± 1%
Installation Heights (nominal).....	2.5 m, wall-mount (preferred) 3.5 m, ceiling-mount
Colour .....	white
Dimensions (H x W x D).....	12.1 cm x 120 cm x 3.9 cm
Weight.....	7 kg
Temperature (storage and operating).....	-5 °C to +50 °C
Humidity Range .....	0% to 93% non-condensing

### Input

Audio Input.....	100 V line level
Connection.....	internal terminal block

### Output

Loop Coverage <sup>1,2</sup>	
Ticket Hall .....	6 sqm
Platform, concourse, and passageways ..	2.4 sqm, wall-mount 3.9 sqm, ceiling-mount
Number of Loops Driven <sup>1,3</sup> .....	up to 3 from one M100 amplifier up to 6 from one M200 amplifier up to 12 from one M400 amplifier
Connection .....	internal terminal block

### Standard

AFILS Standard .....	BS EN60118-4
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<sup>1</sup> For BS EN60118-4 and the LUL requirements for Tubelines. They are not necessarily representative against any other requirements.

<sup>2</sup> Installation at nominal heights.

<sup>3</sup> Installation restrictions apply. Refer to Application Solutions (Safety and Security) Ltd.

### Manufacturer

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