zenitel

DATASHEET
PAVA
ILP02

- ✓ Induction loop for hearing aids and cochlear implants via Telecoil (T-coil)
- ✓ Passive loop driven directly from a 100V amplifier
- ✓ Discreet installation with minimal impact on site aesthetics
- ✓ Ideal for ticket halls, platforms, and concourses
- ✓ Complies with the UK Disability Discrimination Act
- ✓ Meets BS EN60118-4 standard

ILP02

Passive Induction Loop Panel

The Zenitel ILP02 Induction Loop consists of a passive audio induction loop (AFIL), housed in a sleek, unobtrusive white enclosure. It is specifically designed to provide clear, intelligible audio to individuals with hearing impairments via the Telecoil (T-coil) in hearing aids and cochlear implants. When combined with a Zenitel PAVA amplifier and an audio controller featuring custom DSP, the ILP02 produces an Audio Frequency modulated magnetic field to deliver reliable announcements whilst also complementing the visual aesthetics of the site. This enhanced accessibility also helps operators comply with the requirements of the UK Disability Discrimination Act.

Unlike custom room loops, the ILP02 is a wide-area, counter-style solution that can be installed quickly and easily and is ideal for installation in information-rich areas such as beneath train time displays in ticket halls, on platforms, in passageways, and across concourses, without requiring major changes to the building infrastructure.

The ILP02 provides a 100V 100W audio load and incorporates an integrated end-of-line resistor to facilitate dc line monitoring. Owing to it being directly driven from a 100V amplifier, there is no requirement for an external DC power supply, further streamlining the installation.

Seamless integration with Zenitel systems

Designed for straightforward connectivity, the ILP02 works directly with Zenitel 100V amplifiers, making installation simple and reliable within wider PA/VA solutions.

Crystal-clear accessibility for all

The ILP02 delivers announcements directly to hearing aids and cochlear implants through the Telecoil (T-coil), ensuring that people with hearing impairments receive clear and intelligible audio in busy public spaces.

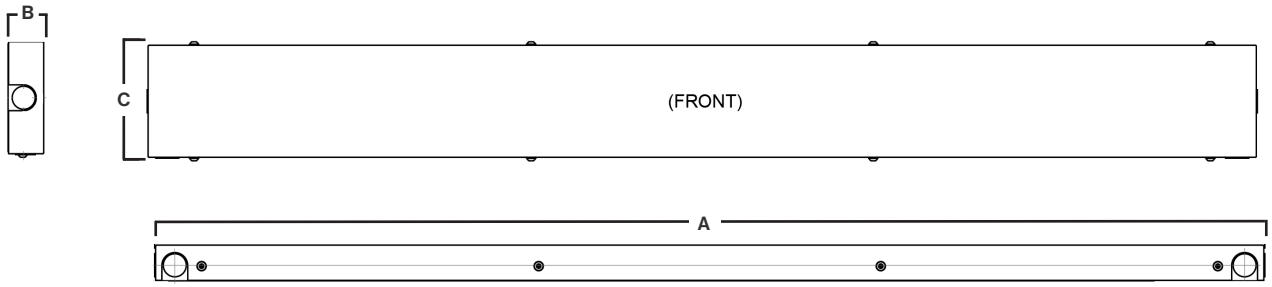
Trusted compliance and performance

Meeting the requirements of BS EN60118-4 and supporting the requirements of the UK Disability Discrimination Act, the ILP02 gives service providers confidence that accessibility standards are achieved and maitained.

MECHANICAL

Views & Dimensions

Dimension		
A	Width	1200 mm
B	Depth	39 mm
C	Height	121 mm



SPECIFICATION

General	
100V Line in Connections	Ceramic Screw Terminal Block
100V Line Pass-Through Connections	Ceramic Screw Terminal Block
Nominal Power Rating	100W
End of Line Resistance (built-in EOL10K)	10 kΩ ± 1%
Coverage	Up to 6 m ²
Thermal	Overload and Over-Temperature Protection
Frequency Range	100 Hz to 5 kHz
Signal Strength	400 mA/m (+3 dB to -6 dB)
Mechanical	
Overall Dimensions (H x W x D)	121 mm x 1200 mm x 39 mm
Weight	5.25 kg
Finish	Gloss, RAL9003 Signal White, LSZH Powder Coat
For additional zone width	Mount Units Side-by-Side
Mounting Height	Nominally 2.25m (Wall) to 2.5m (Ceiling)
Entry Hole Diameter	M20
Ingress Protection	IP65
Conductor Size (Cross Section Area)	1.5 to 2.5 mm2
Environmental	
Temperature (Storage and Operating)	-10 °C to +55 °C
Humidity Range	0% to 93% Non-Condensing

Amplifier Loading	
D150	1 Unit @ 100W
D500	1 to 4 Units @ 100W each
Approval and Standard Compliance	
Railway Applications	EN 50121-4
Low Voltage Directive (Safety)	EN 62368-1
Electromagnetic Compatibility (Immunity)	EN 55035 / EN 50130-4
Electromagnetic Compatibility (Emissions)	EN 55032
Environmental	RoHS / REACH
Conformity Europe	CE
Radio Equipment	EN 303 348 V1.2.1
AFILS	EN 60118-4 / EN 62489-1
Part Code	
ILP02	Induction Loop Panel
Compatible Products	
V2000	PAVA Amplifier Mainframe up to 2000W
D150	PAVA 150W Power Amplifier Module for the V2000
D500	PAVA 500W Power Amplifier Module for the V2000
LSZDC	PAVA Amplifier Interface Module for the V2000
INTEGRA-xx / INTEGRA-xx-PRO Range	2000W Public Address / Voice Alarm System / Batteries not included

Notes:
Do not share the amplifier with loudspeakers
Please refer to the user manual for the field strength diagram

Manufactured by Zenitel GB Limited
Unit 17, Cliffe Industrial Estate, Lewes, East Sussex, BN8 6JL, UK

www.zenitel.com
sales@zenitel.com

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