



ID-7 Hearing Loop Driver

ID-7-UK

The ID-7 is a compact, cost-effective hearing loop driver designed to enhance accessibility in smaller venues, offering significant enhancements to performance and flexibility.

Designed for smaller facilities such as meeting rooms, classrooms, and similar-sized venues, the ID-7 incorporates a 75V line input for connection to public address systems.

Two units can be connected to create a phased array system.

Features

- Discreet and compact design
- Wide operating power supply range (12V-24V DC only)
- High output voltage (7Vrms – 15V)*, allowing large hearing loops to be driven
- High output current, up to 5Arms
- High efficiency and cool operation
- Flexible mounting options

* Supply voltage dependent

Applications

Suitable for small and medium sized facilities, such as:

- Meeting rooms
- Classrooms
- Waiting rooms
- Lecture halls

Also ideal for integrated applications for:

- Digital signage / advertising displays
- Help / call points
- Point of entry, exit and evacuation systems
- Lifts / elevators

What's in the Box

- 4 x Mounting Screws
- 4 x Wall Plugs

Physical Data

Dimensions	Height – 94.4mm (3.7") Width – 165mm (6.5") Depth – 16.4mm (0.6")
Weight	350g (0.77lbs)
Construction	Mild Steel
Finish	Black Powder Coated



Technical Data

Power	Voltage	12V - 24V DC
	Current	2.5A - 4.17A
	Power Supply	External PSU (not supplied)
Inputs	1V Line Level (or) 75V Line Level	1 x 1V Line level (from computer, etc), transformer isolated, 3.81mm screw terminal (bare wire) 1 x 75V Line level, transformer isolated, 3.81mm screw terminal (bare wire)
	Microphone	1 x Microphone, selectable 12V phantom balanced via 680Ω / 5V single ended electret
Output Characteristics	Output Voltage	7V (19.79Vpk-pk) - 15Vrms (42.3Vpk-pk) @ 5Arms (14.14Apk-pk) dependent on PSU voltage
	Output Current	5Arms (14.14Apk-pk) on audio peaks
	Loop Connector	3.81mm screw terminal (bare wire)
Audio System	Frequency Response	80Hz to 9kHz
	Distortion	THD+N <1% (-40dB)
	HF Comp	Adjustable
Controls	Adjustable	Rotary trimmers and dip switches
Automatic Gain Control	Peak detecting	Optimised for speech
Feature	Cooling	No external heatsink required
	Indications	LED indications for: 'Input OK' / 'Drive' / 'Clip' / 'Fault' / 'Power'

Standards

- Induction loop performance compliant with BS EN60118-4 (when correctly installed)

Legislation

Directive Number	Directive Title
2014/30/EU	The Electromagnetic Compatibility Directive
Test Standards:	EN 55032:2015, A11 2020
	> EN55016-2-1:2014
	> EN55016-2-3:2010 A1 2010 a2 2014
	EN 55103-2:2009
	> EN61000-4-2:2009
	> EN61000-4-3:2006 A1 2008 A2 2010
	> EN61000-4-4:2012
	> EN61000-4-5:2014 A1 2017
	> EN61000-4-6:2014
	> EN61000-4-11:2004 A1 2017
	EN61000-3-2:2019
	EN61000-3-3:2013
2014/35/EU	Low Voltage Directive (LVD)
2012/19/EU	Waste Electrical & Electronic Equipment (WEEE) Directive
2011/863/EU	The Restriction of Hazardous Substances Directive
2014/53/EU	Radio Equipment Directive (RED)
Test Standard:	EN 303 348 V1.2.1