



## ID-6 / ID-6B Hearing Loop Driver

ID-6-UK / ID-6B-UK

The ID-6 hearing loop driver is designed for seamless integration into various OEM equipment requiring a hearing loop output.

The ID-6 boasts high output voltage and current for compatibility with a range of loop configurations. Its efficient design, transformer isolated audio input, and optional battery backup offers a high efficiency solution with flexible mounting options

Note: The battery backup feature is only available on the ID-6B model.

### Features

- Compact dimensions
- Flexible mounting options
- Bare wire connections
- Wide operating power supply range 12V -24V DC
- High output voltage\* (7.5Vrms – 15V), allowing a wide array of loops to be used
- High output current, up to 5Arms
- High efficiency
- Audio input is transformer-isolated
- Battery back up option (ID-6B required)

\*Supply voltage dependant

### Applications

Suitable for applications such as:

- Digital Signage / Advertising Displays
- Retail Counters / Automated Checkouts
- Help / Call Points
- Intercoms / Door Entry Systems
- Lifts / Elevators

### Accessories

- Battery Back Up Pack [BATT-ID6B]

### What's in the Box

- 4 x Mounting Screws
- 4 x Wall Plugs

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## 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	7V (19.79Vpk-pk) - 15Vrms (42.3Vpk-pk) @ 5Arms (14.14Apk-pk) dependent on PSU voltage
Output Characteristics	Output Current	5Arms (14.14Apk-pk) on audio peaks
	Loop Connector	3.81mm screw terminal (bare wire)
	Audio System	80Hz to 9kHz
Audio System	Distortion	THD+N <1% (-40dB)
	HF Comp	Adjustable
	Controls	Adjustable
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