



HLD5 Hearing Loop Driver

Our compact HLD5 is a standalone, dual output hearing loop driver with integral phase shifter for perimeter or phased array configuration, designed for smaller facilities and venues.

Applications:

Suitable for smaller sized facilities such as:

- Meeting rooms
- School rooms
- Nursing & care homes
- Reception & waiting areas
- Educational establishments

Features:

- Easily configurable, built-in 90° phase shift
- Efficient power utilisation
- Sleep mode
- High frequency compensation
- Continuous self-testing
- Drive level indication
- Intelligent protection system
- Interface to external communication device
- 100v input line allowing interface with PA system

What you will need:

- Length of aerial dependant on room size and type (see page 38)
- Audio input such as a microphone (see pages 33-35 for our range) or sound system source

We can provide additional accessories to help with your install. Please call for more information.

See next page for Physical Data, Technical Data and Product Code.

To order call us now on:
+44 (0)115 9770075

Technical Data:

Inputs	MIC A: microphone	Balanced or unbalanced (depending on how wired) switch selectable standard phantom power of 12V or 5V DC for electret microphones
	MIC B: microphone	
	Line A: line level	0 dBV, adjustable
	Line B: line level	0 dBV, adjustable
	100V line	Transformer isolated, adjustable
Loop Output	Loop A connection	2 x 2 way Phoenix screw terminal blocks
	Loop A drive current	3A RMS compliance current at 1 KHz sine wave
	Loop A drive voltage	7V RMS compliance voltage
	Loop B connection	2 x 2 way Phoenix screw terminal blocks
	Loop B drive current	3A RMS compliance current at 1 KHz sine wave
	Loop B drive voltage	7V RMS compliance voltage
Status	External LEDs or relays	2 x constant current drive @ 20mA, 22V max
Feature	External monitor & control	Contacta communications processor interface
Audio	Frequency response	100 Hz – 5kHz (± 3 dB)
	Distortion	Better than -40dB, inputs at nominal level
Automatic Gain Control	Analogue	Dynamic range: 40dB typical Attack time: 10 milliseconds Release time: 500mS
Controls	Function switching	All functions selectable via 2 sets of DIP switches; one set to select options on input and one set to select options on output
Displays	Output A & B	8 level bar graph with peak hold
	Other indications	LEDs for independent status indications per output

Physical Data:

Dimensions	Height - 99mm (3.9") Width - 200mm (7.8") Depth - 40mm (1.6")
Weight (boxed incl. power supply)	1.5kg (3.3lbs)
Construction	Aluminium
Finish	Black Powder Coated

Product Code:

HLD5 Hearing Loop Driver	HLD5-UK
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