



HLD5

HLD5-UK / HLD5-EU /
HLD5-AUS / HLD5-USJ

Our compact HLD5 is a standalone, flexible dual output hearing loop driver with integral phase shifter for perimeter or phased array configuration, designed for smaller facilities and venues. It features a 100V input line for public announcement feeds.

This driver has the unique capability of driving two small loops concurrently.

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 for interface with PA system

Applications

Suitable for small and medium sized facilities, such as:

- Meeting rooms
- Classrooms
- Care & nursing rooms
- Waiting rooms
- Lecture halls

Standards

- BS EN 55103-1: 2009 (EMC emissions)
- BS EN 55103-2: 2009 (EMC immunity)
- FCC class "B" EMC (emissions)
- ICES-003
- IEC 60118-4 (in correct installations)
- IEC 62489-1

Talk to us now:
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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 Powder Coated
Finish	Black Powder Coated

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	0dBV, adjustable
	Line B: Line level	0dBV, adjustable
	100V Line	Transformer isolated, adjustable
Loop Output	Loop A connection	2 x 2 way Phoenix screw terminal blocks
	Loop A drive current	3Arms compliance current at 1kHz sine wave
	Loop A drive voltage	7Vrms compliance voltage
	Loop B connection	2 x 2 way Phoenix screw terminal blocks
	Loop B drive current	3Arms compliance current at 1kHz sine wave
	Loop B drive voltage	7Vrms 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	Analog	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