



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 |