

PRODUCT SHEET

Product Code: HLD3



HLD3 Hearing Loop Driver

Description

Contacta HLD3 is a sleek and powerful hearing loop driver that connects to televisions and other audio devices. It enables hearing aid wearers to listen wirelessly, directly from the source, providing the best possible sound quality.

HLD3 is simple to setup and installation can be adapted to suit different room layouts.

Integrated clear audio processing gives the user outstanding sound quality, enhancing speech and music clarity.

Applications

Suitable for home use as well as business use in small rooms where a television is present such as:

- Waiting rooms
- Meeting rooms
- Classrooms
- Museum theaters

Features

- Quick setup
- Simple connection to a room loop or a loop pad underneath a sofa or chair
- Optical in for clearer sound less prone to interference
- DAC
- Connects to multiple devices
- Constant current for consistent audio performance
- Separate volume control
- Sleek metal case
- HF compensation

Area Coverage

- 30m cable
- Loop pad

SPECIFICATION SHEET



Technical Data

Inputs	Microphone	2 way phoenix screw terminal blocks unbalanced 3.3VDC for electret microphones
	Stereo IN	1/4" / 3.5mm stereo jack, -20dBV to +3dBV
	Optical Digital	33kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz
Loop output	Stereo OUT	2 x 2 way phoenix screw terminal blocks
	Loop drive current	3A RMS compliance current at 1kHz sine wave
	Loop drive voltage	3.5V RMS compliance voltage
	Loop connection	2 x 2 way phoenix screw terminal blocks
Feature	External monitor	Contacta communications processor interface
Audio	Frequency response	100 Hz – 5kHz (±3dB)
	Distortion	Better than -40dB, inputs at nominal level
Automatic gain control	Analogue	Dynamic range: 40dB typical Attack time: 10 milliseconds Release time: 500mS
Controls	Volume / Driver	Controls the level of current delivered into the loop
Displays	Other indications	LEDs for power, input and output

Physical Data

Dimensions	Height - 30mm/1.18" Width - 158mm/6.22" Depth - 111mm/4.37"
Weight	1084g/2.39lbs (boxed incl. PS-55 power supply unit)

Standards

- UL compliant
- FCC class "B" EMC (emissions)
- IEC 60118-4:2006 (will be met in correct installations)
- BS EN 55103-1:2009 (EMC emissions)
- BS EN 55103-2:2009 (EMC immunity)

Accessories

- Loop pad
- RX-20-US loop listener
- FSM field strength meter
- Flat copper tape
- Concrete burial cable
- Speciality installation tracks