

# HLD3

## Hearing Loop Driver



### CONTACTA 1:1 HEARING LOOPS

The Contacta HLD3 is a compact and powerful hearing loop driver that connects to televisions and other audio devices.

It allows users with a hearing device to listen wirelessly directly from the source, providing the best possible sound quality while enhancing speech and music clarity.

Suitable for home and business use, in small rooms where a television or sound system is present.

#### Features

- › Quick setup & simple connection to either a room loop, or a loop pad underneath a sofa or chair
- › Optical IN for clearer sound less prone to interference
- › Suitable for use with optical cable or RCA lead
- › Adaptable to suit different room layouts
- › Digital Audio Converter (DAC)
- › Connects to multiple devices
- › Constant current for consistent audio performance
- › Separate volume control
- › High Frequency (HF) compensation



#### Applications

- › Workplace
- › Home Use with TV, Phone, Computer
- › Waiting Rooms
- › Automobile
- › Retirement homes

**contacta** 

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## Physical Data

Dimensions	Height - 1.31" Width - 5.84" Depth - 4.74" not including front knob
Weight	1.19lbs
Construction/ Finish	Front & Rear: Mild Steel Top & Bottom: Aluminium Finish: Powder Coated Black

## Accessories

- › Loop Pad
- › Room Loop Wire (sold in 100ft rolls, 22awg)
- › Flat copper wire
- › RX-20 Loop Listener
- › Field Strength Meter (FSM)

## Standards

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

## Technical Data

Inputs	Microphone	2 way phoenix screw terminal blocks unbalanced 3.3VDC for electret microphones
	Stereo IN	¼" / 3.5mm stereo jack, -20dBV to +3dBV
	Optical Digital	33kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz PCM Audio
Loop output	Stereo OUT	3.5mm jack 0dbV
	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
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: 500 milliseconds
Controls	Volume/Driver	Controls the level of current delivered into the loop
Displays	Other Indications	LEDs for power, input and output