

contacta HLD5

Hearing Loop Driver



CONTACTA LARGE AREA LOOP SYSTEMS

The Contacta HLD5 is a standalone dual hearing loop driver with integral phase shifter for perimeter or phased array configuration, suitable for smaller facilities and venues.

The HLD5 has the unique capability of driving two small loops concurrently.

Features

- › Easily configurable, built-in 90° phase shift
- › Ultra efficient power utilization
- › Sleep mode
- › High Frequency (HF) compensation
- › Continuous self-testing
- › Drive level indication
- › Intelligent protection system
- › Interface to external communication device
- › 100v input line allowing interface with PA system



Application:

- › Conference Center/Board Rooms
- › Classrooms
- › Retirement Homes
- › Waiting and reception areas

contacta 

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Physical Data

Dimensions	Height - 1.36" Width - 8.75" (including phoenix screw terminal blocks) Depth - 5.39"
Weight	1.21lbs
Construction	ABS Plastic Construction Housing
Finish	Matt Black, Fine Texture

Accessories

- › Hinged and electrical enclosure 12" x 8" x 4"
- › 1RU Sliding Shelf
- › RX20 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	MIC A: Microphone	Balanced or unbalanced (depending on how wired) switch selectable standard phantom power of 12V or 3.3VDC for electret microphones
	MIC B: Microphone	
	Line A: Line Level	
	Line B: Line Level	
	100V Line	
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 (±3dB)
	Distortion	Better than -40dB, inputs at nominal level
Automatic Gain Control	Analog	Dynamic range: 40dB typical Attack time: 10 mS 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