



"Above the Counter" Loop Kit

Our "Above the Counter" loop kit provides clear communication with hearing aid wearers, especially where background noise is a problem or clear speech is restricted.

The aerial is combined with the sign and is fixed to the counter or desk surface, which enables your customers to easily spot the loop and get maximum benefit from it. The unit can be fitted into many positions due to its low profile structure.

Components

- Our new HLD2 driver
- Our noise cancelling halo indicator microphone
- The hearing loop aerial within the sign
- Power supply
- Fixings

Standards

- CE, ROHS and WEEE compliant
- BS EN 60118-4, in correct installations

Physical Data (boxed)

Dimensions	Height – 85mm (3.15") Width – 320mm (12.6") Depth – 220mm (8.66")
Weight	950g (2.1lbs) to 1180g (2.6lbs)

Applications

For use in any situation where one to one communication takes place at a counter, booth or desk, such as in:

- Banks
- Post offices
- Supermarkets
- Theatres
- Information centres
- Airports

Features

Our 1 to 1 loop driver has the following features:

- Microprocessor control
- Energy-saving "green" standby mode is achieving a power saving of up to 80% during quiet periods
- Advanced audio processing features AGC, compression and noise gate
- Constant-current loop drive
- Continuous self-testing
- Isolated audio line input allows the driver to take alternative audio sources (optional)
- Power and LED status indication

Talk to us now:
+44 (0) 1732 223900 (UK & ROW)
+1 616 392 3400 (US & Canada)
www.contacta.co.uk



Driver Specification

Physical Data

Dimensions	Height - 116mm (4.57") Width - 116.2mm (4.58") Depth - 40mm (1.57")
Weight	300g (1.76lbs)
Construction	ABS Plastic Construction Housing
Finish	Matt Black, Fine Texture

Technical Data

Inputs	Input 1 (Microphone)	Screw terminals on 3.8mm 2 pole Phoenix connector. Single-ended electret microphone, powered by 5V via 2.2K ohms
	Input 2 (Line) (optional)	Screw terminals on 3.8mm 2 pole Phoenix connector. Transformer isolated, 0dBu into 1K ohms, may have series resistance added for optional 75V or 100V line inputs
	Power	Centre positive power jack, 14V DC 2A via 2.1mm from Contacta P55 power supply unit
Loop output	Loop connection	Screw terminals on 3.8mm 2 pole Phoenix connector
Audio	Loop drive current	2A RMS compliance current @ 1Khz sine wave
	Loop drive voltage	4V RMS compliance voltage @ 1KHz sine wave
	Frequency response	100 Hz – 5kHz (± 3 dB)
	Distortion	Better than -40dB, inputs at nominal level
Automatic gain control	Processor controlled	Dynamic range: 40dB typical Attack time: 10 milliseconds Release time: typically 10 seconds, varies with program content
Indications	Status LEDs	3 colour LEDs indicate power, input and output diagnostic information Connection provided for our LED halo indicator microphone
Self Test	Microprocessor controlled	Unit, including microphone and loop connections is continuously monitored, and internal and external LED indicators are updated
Energy saving	Sound activated	Unit will enter low energy "sleep" mode when acoustic conditions indicate lack of usage

Microphone Options



Noise cancelling halo indicator microphone



Mouse microphone