



Integrated Hearing Loop Driver

IL-A42

Our Integrated Hearing Loop Driver is designed to be incorporated into third party manufacturers' equipment. It allows an integral solution to machines and equipment requiring an induction loop.

The kit includes an audio input lead that can be used to take an audio feed from a computer and is designed for original equipment manufacturers (OEMs).

Features

- AGC (Automatic Gain Control) self adjusts to accommodate variations in input level
- Constant-current loop drive
- Audio line input is ohmically isolated
- No adjustments required
- LED status indication: LEDs show drive and loop fault conditions
- Frequency response compliant with IEC 60118-4 when correctly driven
- Low power consumption
- Can be powered from host system (12 - 14V DC) or from a power supply

Physical Data

Dimensions	Height – 82mm (3.22") Width – 98mm (12.6") Depth – 18mm (12.6")
Weight	28g (0.06lbs)
Construction	Standard FR4 PCB material
Finish	Bare PBC (as pictured)

Technical Data

Loop Drive Compliance	Constant current, bounded by 4V RMS & 2A RMS
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Applications

This module has not been designed for use with a microphone. It will typically accept input signals from the following devices:

- A computer soundcard (e.g. self-checkouts)
- Line out signals from CD Players or MP3 Players
- Low voltage loudspeaker outputs
- VOIP (Voice over Internet protocol) audio adapters
- Telephone signals
- Intercom systems
- 100 volt line PA Systems

Standards

- Induction Loop Performance compliant with BS EN60118-4 (when correctly installed)
- WEEE Compliant

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