



Hearing Loop for Door Entry Systems

IL-EL42-PB

This hearing loop is for use with door entry systems, providing clear audio to hearing device wearers.

Features

- AGC (Automatic Gain Control) self adjusts to accommodate variations in input level
- Constant-current loop drive
- Ohmically isolated audio line input
- LED status indication – internal indicators display drive and loop fault conditions
- Frequency response compliant with IEC 60118-4 (in correct installations)
- Low power consumption
- Designed to meet IP-45 (awaiting testing)

Optional Accessories

- Power Lead [CA-10-02] (Note: Required if power from a host system is not available)

Physical Data

Dimensions	Height – 128mm (5.03") Width – 128mm (5.03") Depth – 45mm (1.77")
Weight	231g (0.5lbs)
Construction	Acrylic Capped ABS
Finish	Faux Metallic Sheen

Technical Data

Loop Drive Compliance	Constant current, bounded by 4V RMS & 2A RMS
Inputs	3.5mm TRS audio jack
	Screw terminals on 2.54mm Euro-block
Loop Output	Screw terminals on 5mm 2-way Euro-block
Power	14V DC 2.14A via 2.1mm (from CA-10-02 or host system)

Applications

This module will accept input signals from the following:

- Pre-recorded sound sources (line out signals)
- Low voltage loudspeaker outputs
- VOIP (voice over internet protocol) audio adapters
- Intercom systems
- PA systems



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