

ILR3 Audio Induction Loop Receiver

The ILR3 is a high quality audio induction loop receiver which allows the user to listen to an audio frequency induction loop system using a standard pair of stereo headphones (supplied). It has a vertically mounted pick up coil and a low cut filter function to emulate the performance of a hearing aid switched to the T position. It is therefore an essential tool for anyone installing maintaining or managing facilities fitted with induction loops providing them with immediate confirmation that the loop is running. (To measure the performance of an induction loop system, Ampetronics' calibrated receiver CMR3 must be used). In addition, it can be used by anyone without a hearing aid who needs a little extra assistance to hear. The ILR3+ also has LED indications to show field strength, for more accurate monitoring of a loop system.



Features

- **Low distortion**
- **Flat frequency response to 6KHz**
- **Low cut filter—to simulate hearing aid response**
- **Volume control**
- **5 year warranty**
- **Auto power off with headphone removal**
- **> 100 hours life with 2 AA batteries**

Applications include:

- **Checking that an induction loop system is working. Essential for installers, venue managers and event organisers**
- **Recording the output of a loop system**
- **Providing assistance to people without a hearing aid**
- **Locating sources of interference**
- **Checking loop coverage and spill**

Low Cut Filter

The ILR3 incorporates a low cut filter. Switching the low cut filter on attenuates the low frequency (bass) components of the signal emulating a typical hearing aid response and helps reduce the annoying 'buzz' caused by some A.C. power circuits.

For best reception in general use and where there is no low frequency interference, the ILR3 should be used with the 'flat' frequency response selected.

Specification

Frequency response	Standard: Flat 85Hz - 6kHz \pm 0.5dB Low Cut: 400Hz - 6kHz - 3dB (similar to hearing aid)
Output power	>100mW into 16 Ω load
Distortion	<0.5% THD @ 1KHz
Battery powered	2 x Alkaline AA (included)
Battery life	>100 hours with Alkaline batteries

Physical

Dimensions	width 62mm, depth 26mm, height 112mm
Temperature range	IP20 : 20 to 90% relative humidity, -10 to 45°C

Accessories

Stereo headphones (included)	impedance 32 Ω per side
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Standards Compliance

The ILR3 is CE marked to all relevant safety and EMC standards.