

**This product may be purchased from Connevens Limited secure online store  
at [www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk)**



**DeafEquipment.co.uk**

Solutions to improve the quality of life



## ILR3

### INDUCTION LOOP RECEIVER MONITOR

The ILR3 is a high quality induction loop receiver. It allows the user to listen to an Audio Frequency Induction Loop System (AFILS) using a standard pair of stereo headphones (supplied).

The ILR3 can be used:

- To check an induction loop system is working. Is useful for venue managers, test engineers and event organisers.
- To check the extent of induction loop coverage.
- To record the output of a loop system.
- By anyone to listen to the loop signal. The ILR3 can be used by normal hearing people who need some additional assistance but do not have a hearing aid
- To check for interference problems prior to installing a loop system.

The ILR3 has a switchable frequency response.

In the cut position, low frequencies (Bass) are attenuated and the frequency response becomes similar to that of a hearing aid. This may help reduce the annoying "buzz" experienced when there is a magnetic interference from ac power circuits.

The "flat" position gives a full range response for best quality reception.

This can be very useful when tracing sources of interference.

5 year warranty applies to the Receiver, but Headphones are only covered for 6 months from date of sale.

*5 Year Warranty*



### TECHNICAL SPECIFICATION

**Frequency Response:**

Flat 85Hz - 6kHz  $\pm$  0.5dB

Low Cut: 400Hz - 8kHz -3dB Similar response to a typical hearing aid

**Distortion :**

<0.5% THD @ 1kHz

**Temperature Range:**

-10°C to +45°C

**Size:**

62W x 26D x 112L (mm)

**Weight:**

90g (excluding batteries & headphones)

**Batteries:**

2 x Alkaline AA (>100hours)

**Headphones:**

Stereo headphones (minimum 25 resistance per side).

**Accessories:**

Stereo lightweight headphones 32 resistance per side.

**AMPETRONIC**  
The Complete System Capability

Ampetronic Ltd. Northern Road, Newark, Nottinghamshire. NG24 2ET United Kingdom

Tel: +44 (0) 1636 610062 Fax: +44 (0) 1636 610063

Email: sales@ampetronic.com www.ampetronic.com

# ILR3 Induction Loop Receiver

## Introduction

The ILR3 is a high quality induction loop receiver. It allows the user to listen to an Audio Frequency Induction Loop (AFILS) system using a pair of ordinary stereo headphones. The ILR3 can be used:

- To check an induction loop system is working. Is useful for venue managers, test engineers and event organisers.
- To check the extent of induction loop coverage.
- To record the output of a loop system.
- By anyone to listen to the loop signal. The ILR3 can be used by normal hearing people who need some additional assistance but do not have a hearing aid.
- To check if a proposed installation has bad interference problems prior to installing the loop system.

## Operation

The ILR3 is powered by two AA alkaline batteries and is switched on/off by inserting / removing the headphone plug. If the LED does not illuminate when the headphones are plugged in, check that the batteries are not discharged and are fitted correctly as shown on the drawing inside the battery compartment.

**\*\*IMPORTANT\*\*** Reversing the battery polarity can damage the ILR3 and will invalidate the warranty. Remove the batteries if the ILR3 is not going to be used for a while.

**\*\*IMPORTANT\*\*** Always use the ILR3 vertically when testing a loop system as this matches the coil orientation in a hearing aid.

A low cut filter switch allows the low frequency (bass) response of the ILR3 to be changed. Whilst a full range response gives best quality reception, the cut mode may help reduce the annoying "buzz" experienced when there is magnetic interference from ac mains power circuits.

## Specification

Frequency Response:

Flat: 85Hz - 6kHz  $\pm$  0.5dB  
Low Cut: 400Hz - 8kHz -3dB Similar response to a typical hearing aid

**AMPETRONIC**  
*The Complete System Capability*

Distortion:	<0.5% THD @ 1kHz
Temperature Range:	-10°C to +45°C
Size:	62W x 26D x 112L (mm)
Weight:	90g (excluding batteries & headphones)
Batteries:	2 x Alkaline AA (>100hours)
Headphones:	Stereo headphones (minimum 25 resistance per side).
Accessories:	Stereo lightweight headphones 32 resistance per side.

## Warranty Information

This product carries a 5 year parts and labour warranty which could be invalidated if these instructions are not followed correctly, or if the unit is tampered with in any way. The 5 year warranty is dated from the time the equipment leaves Ampetronic and NOT when it is installed.

The headphones carry a 6 month warranty against faulty manufacture.

The ILR3 is designed and manufactured in England by Ampetronic Ltd.

## DECLARATION OF CONFORMITY

Manufacturer: Ampetronic Ltd.  
Address: Northern Road, Newark,  
Nottinghamshire, NG24 2ET.  
United Kingdom.

Declares that the product:

Description: Induction Loop Receiver  
Type Name: ILR3

Conforms to the following Directive(s) and Norm(s):

Directive 89/336/EEC  
EMC: BS EN 55103 (1&2):1997  
Directive 73/23/EEC  
Safety: BS EN 60065:2002

March 2005  
L.A. Pieters  
Technical Director  
Ampetronic Ltd.

Ampetronic Ltd,  
Northern Road, Newark,  
Nottinghamshire, NG24 2ET  
United Kingdom

Tel: +44 (0) 1636 610062 Fax: +44 (0) 1636 610063  
www.ampetronic.com Email: sales@ampetronic.com