



Made in EU



ILA-E

INDUCTION LOOP RECEIVER



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Fig.: Model ILA-E, various side views

ILA-E

Induction loop receiver

LED SENSITIVITY INDICATOR **CUT FILTER** **SINGLE-EAR HEADPHONES**

Phoenix ILA series induction loop receiver – for a simple, quick and uncomplicated inspection and maintenance of loop systems.

The **ILA-E induction loop receiver** is a very compact, handy and versatile device. The induction loop receiver is used as a pure audio receiver for people whose hearing aid does not have a „T-position“, or for monitoring or controlling the field strength and quality of the transmission of an induction loop system.

The system is characterized by maximum ease of use and optimum performance.

Induction loop systems are used by hearing aid wearers to assist them to hear clearly in difficult acoustic environments such as churches, cinemas, theaters, outlets, bank counters, etc., without disturbing noises (background noise, reverberation etc.). Induction loop systems are also used in interpreter systems or DRIVE-INS or DRIVE-THROUGHS.

The ILA-E loop receiver is used wherever an induction transmission is installed.

It is also particularly suitable for people who need a high quality „wireless“ hearing aid system without having to use a real hearing aid, such as channel interpreter systems.



ABOUT INDUCTION LOOP SYSTEMS

Due to the inductive coupling of hearing aids, the useful signal (audio transmission) can be heard much better and without disturbing noises.

By transmitting an audio signal through the induction loop, an acceptable signal-to-noise ratio is achieved.

USEFUL INFORMATION

A purely acoustic, direct sound transmission (between loudspeaker and hearing aid) significantly worsens the perception of the useful signal by the hearing aid wearer due to reverberation and background noise.

LOOP AMPLIFIERS ILA-450 & ILA-1000

The **Induction loop amplifiers** for audio transmission **ILA-450** and **ILA-1000** (separately available, see "Accessories") are widely used to provide hearing aids with inductive audio signals. In connection with the ILA-E receiver, the ILA series is THE professional solution for the construction of induction loops.



ILA-E - Continued from previous page

Technical Details	ILA-E
Battery	2 x 1.5 V type. AA
Colour	black
Connection	Headphone input on mini jack
Control LEDs	For reception strength up to 400mW / m
Controls	Volume & CUT filters
Dimensions	W-67 x H-90 x D-25 [mm]
Display / measurement	Green LED 50mW, Yellow LED 100mW, Red LED 400mW [m / rms]
EN 54-24 number	DIN EN 60118-4
Frequency response	Without CUT filter: 85Hz-6kHz [+ -1dB]
Frequency response	With CUT filter: 400Hz-6kHz [+ -3dB]
Headphone	3.5 mm jack plug
Headphone output	yes, one-ear headphones
Mass	100 gram
Material	plastic
Operating time	about 100 hours
Output	Headphone output with 100mW @ 200 ohms
Output impedance	200 ohms
THD	< 0.25%



Important

In a well visible position near the entrance to the area where an induction loop is installed, the **inductive coupling symbol** should be placed.



Further details -
in the online shop



ILA-E >>

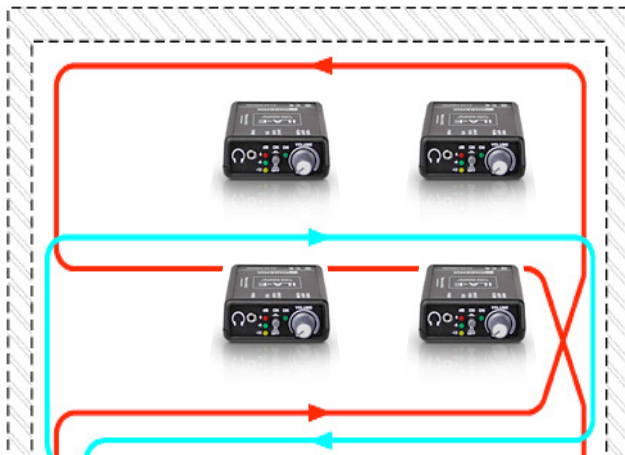


Fig.: ILA-E battery compartment for 2 x 1.5 V (AA)

Accessories

- ILA-450 Induction loop amplifier
- ILA-1000 Induction loop amplifier
- ILA-COPPER Copper tape for induction loops
- FS-1 Signal processor 90° phase shift

Application example (vertical orientation)



In order to ensure trouble-free use of the receiver ILA-E, the device should always be used in the vertical orientation if possible.



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