

PLN-ILR Plena Inductive Loop Receiver

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Invented for life



- Monitoring of an inductive loop system
- Quick check of field strength
- Neck cord included for use by assistive hearing device users without “T” setting.
- Earphones included
- For two AAA rechargeable or alkaline batteries

The Plena inductive loop receiver is a compact, portable device intended to receive the field from an inductive loop for assistive listening device users. It can be used to monitor the field strength and quality of the inductive loop system such as from the Bosch Plena PLN-1LA10.

Functions

For non assistive listening device users it is difficult to verify the correct working of the inductive loop system. The field strength has to be in well defined limits, not too high or too low. Also if a user indicates an incorrect functioning it may be cause by the hearing aid itself or perhaps hum injected by other sources. By using the PLN-ILR the audio quality can be monitored and the field strength can be set easily by observing the two LEDs. To promote the use at the correct level, the display showing field strength is on the side of the unit. When a user holds the receiver up to eye level, the coil is automatically placed in the same plane as the assistive listening device. When used with a neck cord (included), the orientation is also vertical so the lightweight unit can be used for extended periods of time.

The PLN-ILR is priced attractively so it can also be used in larger numbers to help users who do not have a T-setting on their hearing aid.

Certifications and approvals

Safety	acc. to EN 60065
EMC emission	acc. to EN 55103-1
EMC immunity	acc. to EN 55103-2
Induction Loop Systems	acc. to EN 60118-4 / IEC 118-4

Region	Certification
Europe	CE

Parts included

1	PLN-ILR Plena Inductive Loop Receiver
1	Neck cord
1	Set of earphones
1	QRC

Technical specifications

Electrical

Power supply	Two AAA batteries
Sensitivity	100 mA / 400mA
Dynamic range	80 dB
S/N	75 dB (100 mA input)
Headroom	10 dB
Impedance	200 Ohm
Headphone output connector	3.6 mm (0.14 in) TRS jack

Mechanical

Dimensions (H x W x D)	114 x 63 x 21 mm (4.49 x 2.48 x 0.83 in)
Weight	Approx. 130 g (0.29 lb)
Color	Charcoal

Environmental

Operating temperature	+5 °C to +45 °C (+41 °F to +113 °F)
Storage temperature	-25 °C to +55 °C (-13 °F to +131 °F)
Relative humidity	<95%

Ordering information

PLN-ILR Plena Inductive Loop Receiver

portable device intended to receive the field from an inductive loop for assistive listening device users
Order number **PLN-ILR**

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