



PLN-ILR Plena Inductive Loop Receiver



- ▶ **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 caused 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 |

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

Americas:
Bosch Communications Systems
12000 Portland Avenue South
Burnsville, Minnesota 55337, USA
Phone: +1-800-392-3497
Fax: +1-800-955-6831
audiosupport@us.bosch.com
www.boschsecurity.com

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: +31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2600
Fax: +65 6571 2698
apr.securitysystems@bosch.com
www.boschsecurity.com

Represented by

Inductive Loop Receiver



Security Systems

en | Quick Reference Card
PLN-ILR



BOSCH

