



Univox Loop Listener

Loop receiver and testing device

User Guide



Univox® Loop Listener
Part No 230450/230453

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Introduction

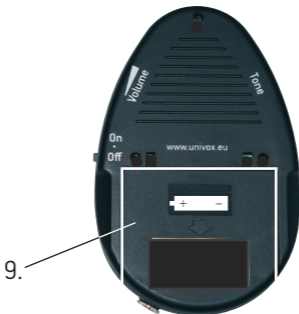
Univox® Loop Listener is a hearing loop receiver and a small, user friendly testing device. Listener can be used as a receiver to listen to the induction loop system, either through the built-in speaker or through separate headphones. As a testing device Listener can check that the system works and verify the basic signal strength according to the international standard IEC 60118-4.

Thank you for choosing a Univox product. We hope that you will be satisfied!

Buttons and controls



- | | |
|--|---------------------------------------|
| 1. Tone control | 5. Built-in speaker |
| 2. LED loop check:
Green= 0 dB
Yellow= -6 dB | 6. LED on/off indicator |
| 3. Neck strap | 7. On/off switch |
| 4. Volume control | 8. Outlet for headphones/
earphone |



9. Battery compartment

Use Listener as a loop receiver

Turn on Listener with the on/off switch. When Listener is on, the red LED on the front is flashing. The sound can either be heard through the built-in speaker or by using separate headphones or an earphone with 3.5 mm stereo plug which connects to the outlet at the bottom.

Put the neck strap around your neck and make sure Listener is hanging vertically all the time. Adjust the volume with the volume control wheel on the right side and the treble/bass with the tone control wheel on the left side. Hanging around the neck of a person of normal height, Listener will be approximately 120 cm above the floor, i.e. at the same height as the hearing aid on a seated person, making it easy to walk around the looped area and listen to the sound of the loop.

Use Listener as a testing device

Turn on Listener using the on/off switch. When Listener is on, the red LED on the front is flashing.

Yellow light indicates -6 dB (re 400 mA/m) and green indicates 0 dB. If the green light is flashing the field strength level meets the international IEC standard. A yellow light indicates that the loop is working but the field strength level does not meet the IEC-standard requirement.

To measure the magnetic field strength levels more exactly and to carry out other important measurements (for example background noise and frequency distribution) a professional measuring instrument, like the Univox FSM 2.0 has to be used.

It may be difficult to monitor the LED if wearing the Listener around the neck by the strap. We therefore recommend to hold the Listener in front of you at the height where you want to check the field strength. A hearing aid is approximately located 120 cm above the

floor when the user is seated. For standing height, hold Listener 160-170 cm above the floor.

Note!

Hold Listener in a straight vertical position to receive the signal at full strength. If Listener is tilted, its ability to receive the signal will decrease.

Accessories

Part No	Description
230903	Headphones, 3.5 mm male stereo
581407	Single sided earphone, outside use, 3.5 mm male stereo

Warranty

The warranty (2 years) covers faults in manufacturing and material. The warranty does not cover faults resulting from tampering with or opening the product nor faults resulting from careless handling, incorrect or incautious usage.

Maintenance and care

Under normal circumstances the product does not need maintenance. Should the unit become dirty, wipe it with a slightly damp cloth. Do not use solvents or heavy cleaning agents.

Troubleshooting and service

Make sure that Listener is turned on (red LED flashes). If the red LED does not start flashing, make sure that the batteries are correctly inserted and are working properly. If the batteries are not working, please replace them with new.

If the loop receiver sound is weak, make sure that Listener is hanging/held in a vertical position. Adjust the volume if necessary. A weak signal might indicate that the loop system does not comply with the international standard IEC 60118-4. Check the level using LED indicators. Yellow verifies correct function but does not comply with the standard.

Should the product not work after having made the tests as described above, please contact the local distributor of the product for further instructions. Please attach error description, name, address, telephone number and receipt or invoice.

Technical data

Sensitivity at full effect:	25 mA/m
Power consumption:	4-10 mA, depending on way of use
Power source:	2 pcs AAA/LR3, 1.5 V batteries (included)

For additional information, please refer to product data sheet/brochure and CE certificate which can be downloaded from "Product databank" at www.univox.eu. If required, other technical documents can be ordered through support@edin.se.

Environment

Please follow existing disposal regulations. If you respect these instructions you ensure human health and environmental protection.



Distributor

Univox by edin, the world's leading expert and producer of high quality hearing loop systems, created the very first true loop amplifier 1969. Ever since our mission is to serve the hearing community with the highest degree of service and performance with strong focus on Research and Development for new technical solutions.

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