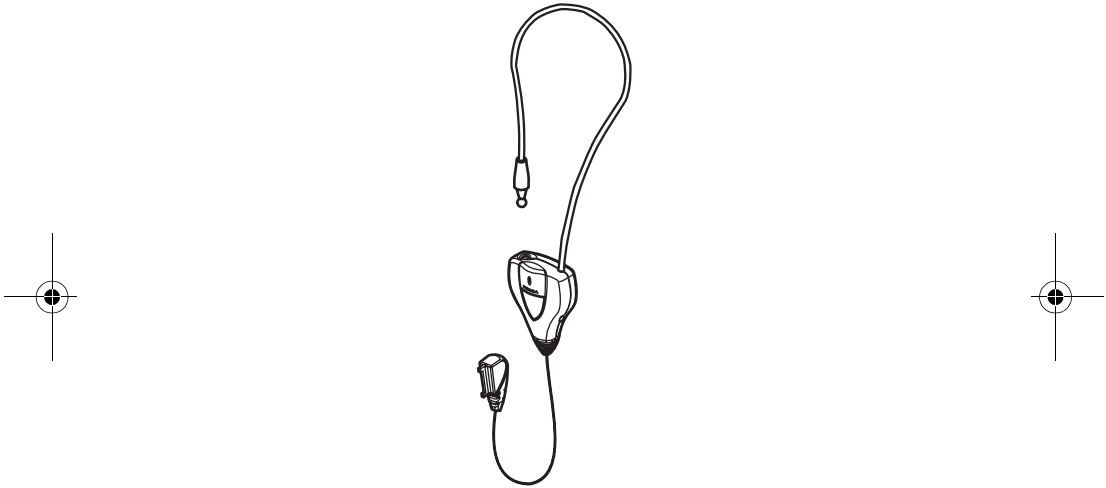
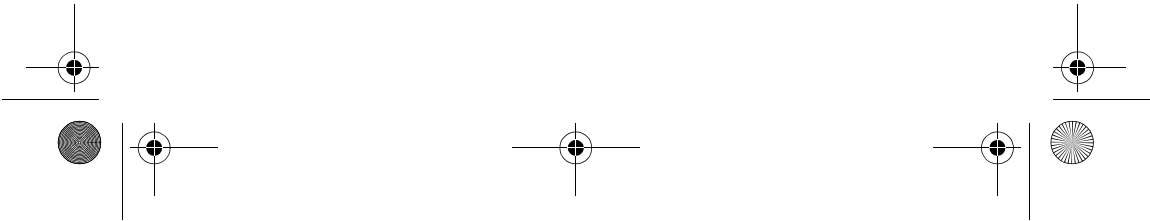


User's Guide for the Inductive Loopset LPS-4



9354812
Issue 2





DECLARATION OF CONFORMITY

We, NOKIA CORPORATION declare under our sole responsibility that the product Inductive Loopset LPS-4 is in conformity with the provisions of the following Council Directive: 1999/5/EC.

A copy of the Declaration of Conformity can be found from http://www.nokia.com/phones/declaration_of_conformity/.

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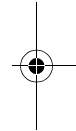
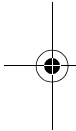
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1. General

The Mobile Inductive Loopset LPS-4 for People with Hearing Aids is a Nokia accessory developed to facilitate the use of a mobile phone together with T-coil equipped hearing aids.

When using the inductive loopset, you can speak directly to the microphone inside the device. You do not need to hold a mobile phone near your ear, but you can carry it, for example, via a carrying case, belt clip or other accessory. The device does not require any separate batteries.

The operation of the device is based on induction technology used in public places: A loop system sends out sounds wirelessly to be picked up by the telecoil of the hearing aid (switched to T mode).

The device described in this guide is compatible with phones with a Pop-Port™ interface connector, for example, the Nokia 7210 mobile phone.

The inductive loopset can also be connected to the speech processor of a compatible cochlear implant by using the audio output connector, as well as to compatible external audio devices, for example, a radio, television or music player, by using the audio input connector.

Please refer to the user's guide of the phone you connect the LPS-4 loopset to, for information concerning the phone's use, care and maintenance, including important safety information.

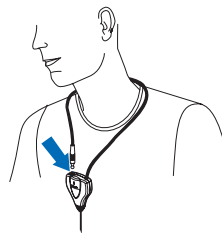
For more information about loopsets and other accessibility solutions, visit our website at <http://www.nokiaaccessibility.com/>.


Using the loopset

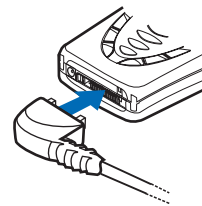
2. Using the loopset

■ Making and receiving calls

1. Place the loop around your neck and connect the plug to its counterpart.



2. Connect the plug to the bottom of the phone. The phone displays the following symbol: 



3. Switch your hearing aid to T-mode or MT-mode.

4. Answer and end a call by pressing the answering button on the device or on the phone. Calls can be made in the normal way (see the user's guide of the phone).




Using the loopset

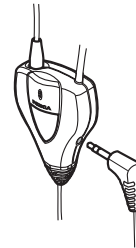
Notes

- The lead does not need to be connected to the bottom of the phone all the time. You can choose to connect it only when you wish to make or receive calls.
- When somebody is calling you, both the phone and the loop alert if the lead is connected to the phone.
- You can adjust the volume of the device by using the volume keys of the phone. The upper key increases and the lower key decreases the volume. Normally keep the volume on the lowest pleasant level to hear your own voice clearly. In a noisy environment or if the received speech is weak, increase the volume so that the background noise becomes weaker and the voice of the person on the other end becomes stronger.

■ Connecting the loopset to external devices

You can connect the loopset to other compatible audio devices such as television, radio or a music player for listening to music or radio or TV broadcasts. Not all mobile phone models or versions support external audio input. You will find more information at <http://www.nokiaaccessibility.com/>.


Connect the plug of the external device to the audio input connector with the symbol  on the left side of the loopset device.

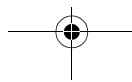
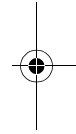
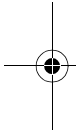
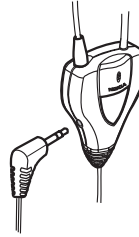




Using the loopset


The loopset can also be connected either to a compatible speech processor of a cochlear implant or to the audio input of a hearing aid. Please check the compatibility with your speech processor or hearing aid (see Technical data on page 7).

Connect the plug of the external device to the audio output connector with the symbol  on the right side of the loopset device.




3. Technical data

External Audio Output

- Connector: 3,5 mm jack socket
- Can be connected to the audio input of compatible hearing aids and to a compatible speech processor of cochlear implants
- Impedance: $>1\text{ k}\Omega @ 1\text{ kHz}$ (nominal $2,2\text{ k}\Omega @ 1\text{ kHz}$)
- Typical output signal level: 0,5 mV rms - 10 mV rms
- Symbol: 

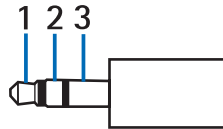
External Audio Input

- Connector: 3.5 mm jack socket
- Can be used with any radio, television, CD or music player with a line level output
- Impedance: $> 10\text{ k}\Omega @ 1\text{ kHz}$
- Input signal level: 100 mV rms - 1 V rms
- Symbol: 

When connecting external devices to the loopset, a 3,5 mm stereo or mono jack plug can be used both in input and output sockets. However, the sound you hear through the loopset is always monophonic.

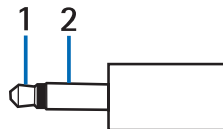
The input and output signals of the stereo connector:

1. Left signal
2. Right signal
3. Ground



The input and output signals of the mono connector:

1. Mono signal (= left + right of stereo)
2. Ground





Care and maintenance

Your accessory is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfil any warranty obligations and to enjoy this product for many years.

- Keep the loopset out of the reach of small children.
- Keep the loopset dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits.
- Do not use or store the loopset in dusty, dirty areas. Its moving parts can be damaged.
- Do not store the loopset in hot areas. High temperatures can shorten the life of electronic devices and warp or melt certain plastics.
- Do not store the loopset in cold areas. When it warms up (to its normal temperature), moisture can form inside, which may damage electronic circuit boards.
- Do not attempt to open the loopset. Non-expert handling may damage it.
- Do not drop, knock or shake the loopset. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the loopset.
- Do not paint the loopset. Paint can clog the moving parts and prevent proper operation.

If the product is not working properly, take it to your nearest qualified service facility. The personnel there will assist you and, if necessary, arrange for service.

