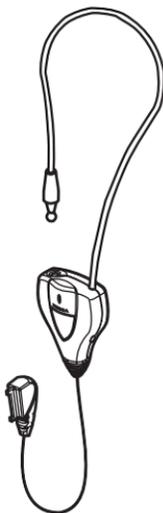


# Inductive Loopset LPS-4 User Guide

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9354812

Issue 3

## DECLARATION OF CONFORMITY

We, NOKIA CORPORATION declare under our sole responsibility that the product 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/](http://www.nokia.com/phones/declaration_of_conformity/).



The crossed-out wheeled bin means that within the European Union the product must be taken to separate collection at the product end-of-life. Do not dispose of these products as unsorted municipal waste.

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# 1. General

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The Mobile Inductive Loopset LPS-4 for people with hearing aids is developed to facilitate the use of a compatible mobile phone together with T-coil equipped hearing aids.

When using the inductive loopset, you can speak directly to the microphone inside it. You do not need to hold a mobile phone near your ear, but you can carry it using a carrying case, belt clip, or other accessory. The loopset 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 that is switched to the T mode.

The device described in this guide is compatible with phones with a Pop-Port™ interface connector (for example, the Nokia 6681 and Nokia 6682 mobile phones).

The inductive loopset can also be connected to the speech processor of a compatible cochlear implant by using the audio output connector.

Read this user guide carefully before using the loopset. Also read the user guide for your phone, which provides important safety and maintenance information. Keep the loopset out of reach of small children.

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

## 2. Using the loopset

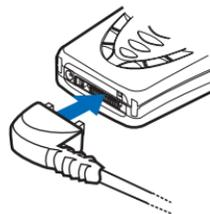
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### ■ Make and receive calls

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



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



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

4. To answer or end a call, press the answer button on the device or use the keys on your phone. Calls can be made in the normal way (see the user guide of your phone).



## Notes

- The lead does not need to be connected to the Pop-Port connector of the phone all the time. You can choose to connect it only when you wish to make or receive calls.
- When you receive a call, both the phone and the loopset sound an alert if the lead is connected to the phone and if the hearing aid is in the T or MT mode.
- To adjust the volume of the loopset, use the volume keys of the phone. For normal use, keep the volume low, where you can clearly hear your own voice. In a noisy environment or if the received speech is weak, increase the volume so that the background noise becomes weaker and the caller's voice becomes stronger.

## ■ Connect the loopset to external devices

The loopset can be connected to a compatible speech processor of a cochlear implant or to the audio input of a hearing aid. Contact your hearing aid specialist for the compatibility with your cochlear implant or hearing aid, the correct connection cable, and instructions on the use of the connection cable.

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

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#### External audio output:

- Connector: 3.5-mm socket
- Can be connected to the audio input of a compatible hearing aid or to a compatible speech processor of a cochlear implant
- Impedance:  $>1\text{ k}\Omega$  @ 1 kHz (nominal  $2.2\text{ k}\Omega$  @ 1 kHz)
- Typical output signal level: 0.5–10 mV rms
- Symbol: 

The loopset can be connected to a compatible speech processor with a suitable cable that has a 3.5-mm stereo or mono plug. The sound that you hear through the loopset is monophonic.

#### External audio input:

- This feature is not available.
- Symbol: 

# Care and maintenance

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Your device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you protect your warranty coverage.

- Keep the device out of the reach of small children.
- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, allow the device to dry completely.
- Do not use or store the device in dusty, dirty areas. Its electronic components can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not attempt to open the device.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.

If the device is not working properly, take it to the nearest authorized service facility for service.