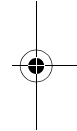
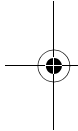
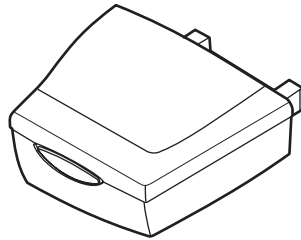


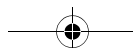


## User Guide for the Nokia Wireless Audio Adapter AD-5B

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9310655  
Issue 1



#### DECLARATION OF CONFORMITY

We, NOKIA CORPORATION declare under our sole responsibility that the product AD-5B 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/).

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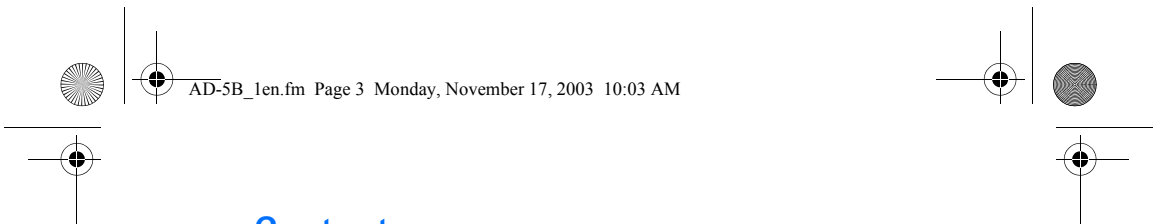
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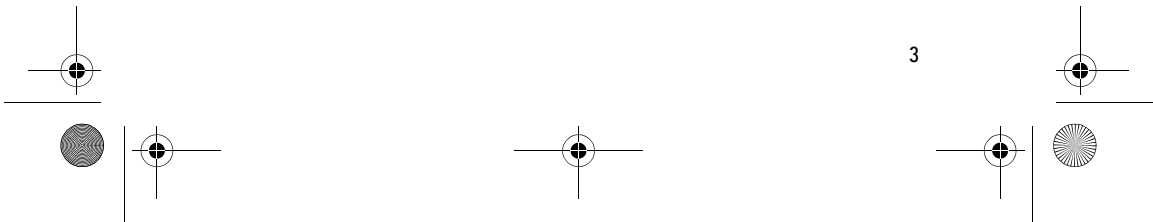
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## Introduction

## 1. Introduction

The Nokia Wireless Audio Adapter AD-5B enables the use of headsets with Bluetooth technology with Nokia phones that have a Pop-Port™ connector but do not offer integrated Bluetooth functionality. This gives you more freedom for making and receiving calls while on the move or at the office.

Read this user's guide carefully before using the Nokia Wireless Audio Adapter AD-5B. Not following the user's guide may be dangerous or illegal. More detailed information, including important safety and maintenance information, is provided in the user guides for your phone and your headset.



**Note:** There may be restrictions on using devices with Bluetooth wireless technology in some locations. Check with your local authorities or service provider.

Features using Bluetooth wireless technology, or allowing them to run in the background while using other features, increases the demand on battery power and reduces the battery life.

All wireless devices may be susceptible to interference, which could affect performance.

The Nokia Wireless Audio Adapter operates with compatible Nokia headsets (and other compatible headset products), but not with other types of products with Bluetooth technology.

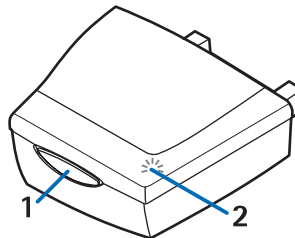
The Nokia Wireless Audio Adapter sales package includes the adapter and the user's guide. Note that the Bluetooth passkey, which you need when using the adapter with the headset, is in the card provided in the headset's sales package. Keep the passkey in a secure place.

## 2. Getting started

### ■ Overview

The Nokia Wireless Audio Adapter contains the following parts:

- 1 – Control key:** Switches the adapter on and off. The control key also changes modes in the adapter.
- 2 – Indicator light:** Displays the current status of the adapter. See Modes of the light indicator on page 8.



Note that you should avoid covering the adapter in order to optimise the Bluetooth connection.

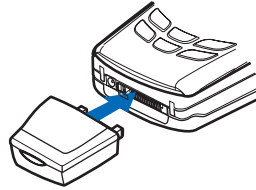
### ■ Using the adapter for the first time

Before you can use the Wireless Audio Adapter, you need to associate, "pair", it with the headset you want to use. The compatible headset must support Bluetooth Specification 1.1. For pairing you need the adapter, a compatible phone, and the headset including its PIN code. You only need to pair each individual headset once.

Attach the Nokia Wireless Audio Adapter into the Pop-Port connector of your phone. Note that your phone should be in standby mode, ready to use, and it should not have any characters keyed in. The adapter blinks once briefly in green to indicate that the power is on. If the adapter has not been paired with any headsets, the state is indicated with a slow, continuous red blink.

### Getting started

Note that if you have the keylock of your phone on, the keylock is automatically deactivated after you have attached the adapter into the phone. Note also that if you have the Silent profile on in your phone, the automatic answering does not work. Also Lights off mode in your phone should be activated, because having the lights continuously on reduces the battery life.



### Pairing the device

Switch on the power before you start to pair your headset with the Nokia Wireless Audio Adapter. Make sure no other headsets or other compatible audio devices are active within a 10 metre range.

1. Attach the adapter into the Pop Port connector of your phone. Wait for the slow red blink. Select the PIN entry mode by pressing once the **Control** key in the Wireless Audio Adapter to make the adapter find the compatible headset.

If a compatible headset is found, the light indicator in the adapter is continuously green for 20 seconds. During that time you need to start keying in the Bluetooth passkey on the phone keypad.

If there are no headsets with compatible Bluetooth wireless technology within a 10 metre range, the light indicator blinks red to indicate an error situation. The adapter then goes into Init mode and blinks slowly a red light. See Modes of the light indicator on page 8.

2. When the light indicator on the Nokia Wireless Audio Adapter is continuously green, you can key in the four-digit Bluetooth passkey on the phone to pair the headset. The digits are shown on the phone display. End the passkey entry by pressing **#**. The Bluetooth passkey is marked on the card that is provided in the sales package of the headset.
3. If the pairing is successful, the phone display is cleared. The light indicator on the Nokia Wireless Audio Adapter is turned off and  appears on the phone display.

## Getting started

The headset, whose passkey you enter first, becomes the default device for the Wireless Audio Adapter.

4. The Wireless Audio Adapter and the headset are now ready to be used.

Note that all audios, including the call alert tones, are now routed to the headset.

If the pairing is unsuccessful, either press the Control key once briefly or detach the adapter from your phone, and start the pairing procedure again from step one above.

### Pairing multiple headsets

To pair another headset to the adapter, just repeat the procedure above. However, make first sure that the headset that has already been paired is turned off, and that only the new unpaired headset is within a 10 metre range of the adapter. Note that the adapter can be simultaneously paired with two headsets only.

When using the headsets, the adapter first tries to find the default user, which is the first paired headset, and then the secondary headset. If you want to pair more headsets, the new headset replaces the secondary user. You can replace the secondary user as many times as you want. If you want to replace the default user, you need to reset the adapter. Note that since the reset clears the memory of the adapter, the secondary user is reset as well.

### ■ Resetting headsets

Reset clears all pairing and user data information. To reset the adapter, press and hold the Control key for 10 seconds. The reset is confirmed with an alternating red and green blink for another 10 seconds.

Your headset may accept only a limited number of pairings and may need to be reset to make the pairings. For resetting your headset, refer to the user guide for the headset.

## Getting started

### ■ Switching the Nokia wireless audio adapter off

You can also switch the adapter off, if for instance the adapter will not be used for a while. If you want to switch the adapter off, press the **Control key** for 2 seconds. The adapter blinks once red and  disappears from the phone display. When the adapter is turned off, the phone operates as if there was no adapter attached to it. To switch the adapter back on, press the **Control key** once.

### ■ Modes of the light indicator

The light indicator has the following modes:

- **Slow red blink** (on for 0.2 seconds, off for 5 seconds)  
The adapter is in the **Init mode**. This means that the adapter is attached to a phone. The adapter stays in the **Init mode** permanently until you press the Control key to search for a new headset or switch off the adapter.
- **Fast green blink** (on for 0.2 seconds, off for 0.8 seconds)  
The adapter is either  
in **Inquiry mode**, which means that the adapter is searching for a headset with Bluetooth technology. If a headset is found, the adapter switches itself to **Pairing mode**. If a headset is not found, the adapter returns to **Init mode**.  
or in **Page mode**, which means that it is searching for paired headsets.
- **Continuous green** (on for 20 seconds)  
The adapter is in **Pairing mode**. This means that you have 20 seconds to start keying in the Bluetooth passkey on your phone. If the pairing is successful, the adapter switches to **Idle mode**. If the pairing fails, the adapter returns to **Init mode**.
- **Green blink** (on for 0.2 seconds, off for 2 seconds)  
The adapter is in **Idle mode**. The icon  is shown on the phone display. The phone and the headset with Bluetooth technology are ready to be used.
- **Slow green blink** (on for 0.2 seconds, off for 5 seconds)

## Getting started

The adapter is in the **Audio linked mode**, which means that there is a call in progress and the audio has been linked to the headset.

- **Alternating red and green blink for 10 seconds** (on for 0.5 seconds, off for 0.8 seconds)

The adapter is in the **Reset mode**. When the reset has been successful, the light indicator blinks red.

- **No indication from the light indicator**

The adapter is in **Power saving mode**, which means that it is switched off. When the adapter is switched off, the light indicator blinks once in red for confirmation. In this mode the icon  disappears from the phone display and the calls are routed to the phone normally. To return to Init mode, press **Control key** once.

### ■ Transferring audio signals

If you press **Control key** once briefly during a call in **Audio Linked mode**, the audios are transferred to the phone and the call is continued normally. If you want to transfer the audios back to the headset, press **Control key** of the adapter or **Headset key**.

If your phone is in **Idle mode**, you can transfer the audios from the headset to the phone by pressing **Control key** once briefly. To transfer the audios back to the headset, press **Control key** of the adapter or **Headset key**.

Note that when the audios have been transferred to the headset, all audios including the call alert tones are routed to the headset.

### ■ Accidental disconnection of the wireless audio adapter

If, during a call, the adapter is accidentally disconnected from the Pop-Port connector or the headset battery runs flat, the call is transferred to the phone and is continued normally. The pairing information stays stored in the permanent memory of the adapter.

If the 10 metre range between the adapter and the headset is exceeded, or for some other reason the radio connection between the headset and the adapter is lost, the adapter and the headset try to restore the lost

### Getting started

connection for a short while. If the connection cannot be re-established, the call is transferred to the phone and continued normally, and the wireless audio adapter returns to **Idle**.

### ■ Optimising the adapter use

The following will help you to use your adapter in an optimal way:

- You should set the phone's back light settings in **Automatic** mode to prevent unnecessary battery consumption. In most Nokia phones, select Automatic at the phone menu under Settings =>Accessory settings=> Handsfree =>Lights. Then select Automatic.
- The phone's internal vibrator works only when the adapter is in **Power saving** mode.
- You should not use the Silent profile in your phone, because then you are not able to hear the ringing tone and you might not notice the call. The Automatic answer does not work when the Silent profile is active.
- If you have switched your phone off and you have the adapter attached to it, the adapter switches to **Init** mode when you connect the charger to the phone.

## Care and maintenance

Your device 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 all accessories 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.
- Do not use or store the device in dusty, dirty areas. Its moving parts can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the device 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 device. Non-expert handling may damage it.
- Do not drop, knock or shake the device. Rough handling can break internal circuit boards.
- 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 your nearest qualified service facility. The personnel there will assist you and, if necessary, arrange for service.

FCC Notice - Nokia Wireless Audio Adapter, AD-5B

## FCC Notice - Nokia Wireless Audio Adapter, AD-5B

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference; and 2. This device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help. NOTE: Modifications not expressly approved by Nokia could void the user's authority to operate the equipment.