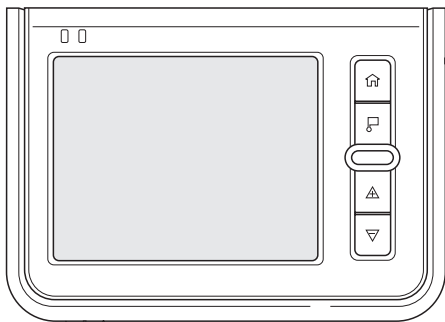


Nokia 330 Auto Navigation User Guide



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1. Introduction

The Nokia 330 Auto Navigation device allows you to use GPS navigation in a car and in outdoor activities. You can also view photos, watch videos, and listen to music.

Read this user's guide carefully before using the device. Also read the user guide for the GPS navigation application available in the device.

Check www.nokia.com/support or your local Nokia website for the latest version of the user guide, additional information, downloads, and services related to your Nokia product.

■ About the GPS

The GPS (global positioning system) is a worldwide satellite-based radio navigation system. The GPS receiver, built into the navigation device, can calculate its location to an accuracy of 10 meters. The accuracy depends, for example, on the number of satellites, the signals of which the GPS module receives. In optimal conditions, the accuracy may be within a few meters.

The GPS antenna is located at the top of the navigation device. Some car windshields and windows may contain metal, that may block or weaken the satellite signals.

If you stand still, GPS cannot detect which way you are facing, because it determines your direction on the basis of your movement.

The Global Positioning System (GPS) is operated by the government of the United States, which is solely responsible for its accuracy and maintenance. The accuracy of location data can be affected by adjustments to GPS satellites made by the United States government and is subject to change with the United States Department of Defense civil GPS policy and the Federal Radionavigation Plan. Accuracy can also be affected by poor satellite geometry. Availability and quality of GPS signals may be affected by your location, buildings, natural obstacles, and weather conditions. The GPS receiver should only be used outdoors to allow reception of GPS signals.

GPS should only be used as a navigation aid. It should not be used for precise location measurement and you should never rely solely on location data from the GPS receiver for positioning or navigation.

■ Third-party applications

The third-party applications provided with your device may have been created and may be owned by persons or entities not affiliated with or related to Nokia. Nokia does not own the copyrights or intellectual property rights to the third-party applications. As such, Nokia does not take any responsibility for end-user support, functionality of the applications, or the information in the applications or these materials. Nokia does not provide any warranty for the third-party applications.

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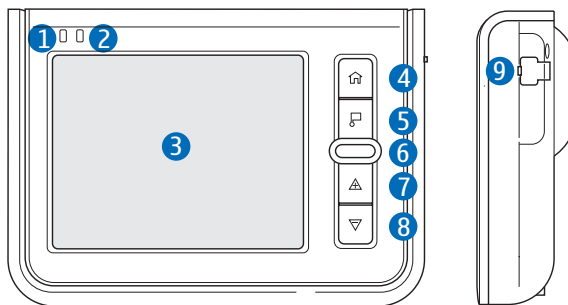
2. Get started

■ Keys and parts



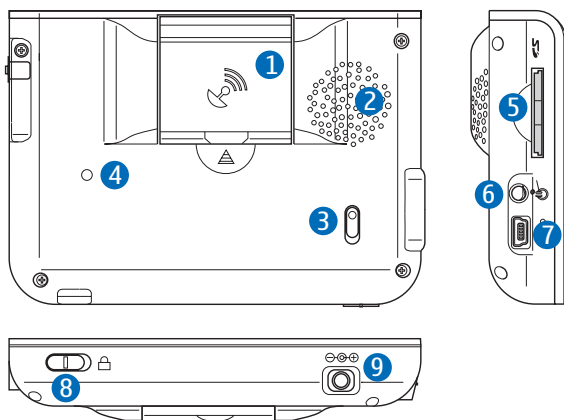
Note: Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

Front and right view



- Indicator light for power status (1)
- Indicator light for GPS status (2)
- Touch screen (3)
- Home key (4)
- Flag key (5)
- Standby key (6)
- Volume up key (7)
- Volume down key (8)
- Connector for an optional external GPS antenna (9)

Back, left, and base view



- GPS antenna (1)
- Loudspeaker (2)
- Power switch (3)
- Reset key (4)
- Memory card slot (5)
- Stereo audio-out connector (6)
- Mini USB port (7)
- Lock switch (8)
- Charger connector (9)

■ Chargers

Check the model number of any charger before use with this navigation device. This device is intended for use with the DC-3 charger.



Warning: Use only chargers and enhancements approved by Nokia for use with this particular device. The use of any other types may invalidate any approval or warranty, and may be dangerous.

For availability of approved enhancements, please check with your dealer. When you disconnect the power cord of any enhancement, grasp and pull the plug, not the cord.

■ Charge the battery

This navigation device has an internal, nonremovable, rechargeable battery. Do not attempt to remove the battery from the device, as you may damage the device.

Connect the DC-3 charger to the charger connector on the navigation device, and insert the charger plug into the cigarette lighter socket of your car. Power must be supplied by the 9- to 18-volt car battery. Ensure that the charger is properly inserted in the cigarette lighter socket and does not interfere with the normal operation of the car.

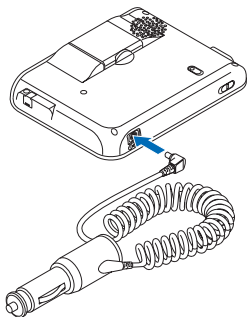
In some car models, the cigarette lighter socket is powered by the car battery even when you remove the ignition key. In those cases, the car battery might be discharged if the navigation device is left on, or if the device is turned off but connected to the cigarette lighter socket for a long time. Contact the vehicle manufacturer for more information.

When you charge the battery, the yellow indicator light flashes. If charging does not start, disconnect the charger, plug it in again, and retry. When the battery is fully charged, the indicator light turns off.

Once the battery is fully charged, disconnect the charger from the navigation device and the cigarette lighter socket.

When battery power is low, the red indicator light flashes and the battery icon at the top of the application menu screen shows no green bars.

You can use the navigation device while it is connected to the cigarette lighter socket.



■ Install the device in a car

To use the navigation device in a car, attach the mounting device HH-14 to the windshield, attach the mobile holder CR-79 to the mounting device, attach the navigation device into the mobile holder, and connect the navigation device into the cigarette lighter socket of your car.

General safety instructions

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety. Only operate the mounting device, mobile holder, or navigation device if it is safe to do so under all driving conditions.

When you install the mounting device or mobile holder, ensure that they do not interfere with or hinder the steering or braking systems or other systems used in the operation of the vehicle (for example, airbags) or disturb your field of vision while driving.

Check that the deployment of the airbag is not blocked or impaired in any way.

Ensure that the mounting device or mobile holder is not installed where you might come in contact with it in the event of an accident or collision.

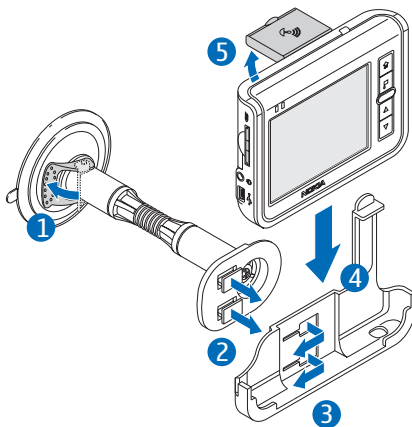
Periodically check that the suction cup at the bottom of the mounting device is firmly attached to the windshield, especially if the ambient temperature changes a lot.

Do not leave the product parts inside the vehicle in direct sunlight or in excessive heat. The parts may be damaged if the inside temperature falls below -0°C (32°F) or exceeds $+40^{\circ}\text{C}$ (104°F).

Mount the device

Locate a safe mounting surface on the windshield, and clean the surface thoroughly with a glass cleaner and a clean towel. If the ambient temperature is below $+15^{\circ}\text{C}$ (60°F), carefully warm the surface and the suction cup at the bottom of the mounting device to ensure a firm grip

on the windshield. Ensure that you do not heat the windshield excessively to avoid damage to it.



Press the suction cup firmly on the windshield, and carefully push the locking lever above the suction cup towards the suction cup to create a vacuum between the suction cup and the windshield (1). Check that the suction cup is firmly attached. If you want to detach the mounting device from the windshield, carefully push the locking lever toward the top of the mounting device, and pull the strap located on the edge of the suction cup.

To attach the mobile holder to the mounting device, insert the catches at the top of the mounting device into the slots on the mobile holder (2), and slide the holder to lock it into place (3). For your safety, install the holder in the upright position.

Place the navigation device into the mobile holder (4), and press the device toward the back of the holder until the device clicks into place. Ensure that the device screen is clearly visible for the user. If you want to release the navigation device from the mobile holder, pull the device from the holder.

To use the device for GPS navigation, lift the GPS antenna up to approximately 90 degrees (5). Do not try to force the antenna open more.

Connect to cigarette lighter socket

You can have the navigation device connected to the cigarette lighter socket while using the device. See Charge the battery, page 9.

■ Switch on or off

Switch on

To switch on, slide the power switch toward the top of the device, and press the standby key.

When you switch on the device for the first time, a series of setting screens are displayed and the GPS navigation application starts. Follow the displayed instructions to define the settings, and refer to the user guide of the navigation application to use it. To exit to the application menu, press the home key.

Switch off

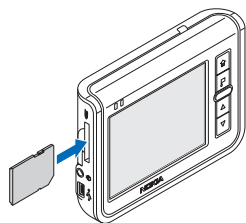
To switch off, slide the power switch toward the base of the device.

■ Insert the memory card

An SD (secure digital) memory card is supplied with the navigation device. You can only use memory cards formatted with the FAT file system with this device.

Use only compatible SD cards approved by Nokia for use with this device. Nokia uses approved industry standards for memory cards, but some brands may not be fully compatible with this device. Incompatible cards may damage the card and the device and corrupt data stored on the card.

If the SD card is not already inserted in the memory card slot, with the screen facing up, insert the card so that the label faces up and the bevelled corner faces toward the base of the device. Carefully slide the memory card into the slot until it locks into place.



To remove the memory card, push the card until it pops out from the slot.



Important: Do not remove the memory card in the middle of an operation when the card is being accessed. Removing the card in the middle of an operation may damage the memory card as well as the device, and data stored on the card may be corrupted.

3. Operation

■ Touch screen

To use the device, tap the screen with your finger.



Important: Avoid scratching the touch screen. Never use a pen or pencil or other sharp objects to write on the touch screen.

■ Adjust the volume

To adjust the volume, press the volume up or down key to display the volume bar, and use either key to set the volume.

■ Adjust the screen backlight

To adjust the backlight, press the volume up or down key, and quickly tap the sun icon (shown in the top right corner) to activate the night mode or the moon icon to activate the day mode. The sun icon shows that the day mode is active and the moon icon shows that the night mode is active.

To change the backlight settings, in the application menu screen, tap [Setup](#) > [Backlight](#).

■ Lock the screen and keys

To prevent accidental operation of the screen and keys, slide the lock switch at the base of the device toward the padlock icon. A padlock icon is displayed on the screen. To activate the screen and keys, slide the switch to the opposite direction.

■ Standby mode

To save battery power, you can set the device to the standby mode by pressing the standby key. The screen turns off. To use the device, press the standby key.

■ Access and start applications

The applications in the device can be started from the application menu screen that is shown when you switch on the device.

To exit to the application menu screen, press the home key.

To start an application, tap its icon in the application menu screen.

■ GPS navigation

To use the device for GPS navigation, lift the GPS antenna up to approximately 90 degrees. Do not try to force the antenna open more.

To start the GPS navigation application, tap **Navigation** in the application menu screen, or press the flag key. For using the application, refer to its user guide.

When you start the application, it takes some time for the device to position itself, depending on how long the device has been switched off and how well it can receive the satellite signals. In optimal conditions, the start-up takes about one minute.

Almost all digital cartography is inaccurate and incomplete to some extent. Never rely solely on the cartography provided for use with the GPS navigation application.

■ Copy files to the memory card

You can use the **MP3**, **Photo**, and **Video** application to open media files saved on the memory card. To copy files to the SD memory card, use a compatible memory card writer and an operating system that supports the FAT file system. For more information, refer to the documentation of the memory card writer and the operating system.

■ Listen to music

To play audio files saved on the memory card, tap **MP3** in the application menu screen.


The application supports the mp3 and wma file formats. However, the application does not necessarily support all the variations of these formats.




The navigation device has a stereo audio-out connector (6) for compatible headphones with a 3.5-mm plug. The connector is compatible with 32-ohm or higher impedance headphones.

To listen to music, you must first add music tracks from the memory card to the track playlist.







Warning: Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.

To add tracks to the playlist, tap  in the player screen. A list of sorting categories (for example, *Artists*) is displayed. In the playlist screen, you can do the following:








- To update the playlist with new tracks on the memory card, tap .
- To add a track to a folder of favorite tracks, tap a category and the track, and tap  and the desired folder; to select several tracks, tap the first track, and move your finger over the other tracks.
- To scroll through the track or category list, tap the up or down arrow.
- To return to the previous screen, tap .


In the music player screen, you can do the following:

- To open a track, tap . Tap a category, and tap the track twice, or tap the track and .
- To play the displayed track or pause or resume playing, tap . To stop playing, tap .



Warning: Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing.


- To play the next or previous track within the same sorting group (for example, album or music genre) as the displayed track, tap  or .
- To scroll through the track, drag the slider at the top of the screen.
- To adjust the volume, tap either speaker icon, or use the volume keys.
- To play the current track continuously, tap . To continuously play the tracks of the sorting group, tap . To play the tracks of the sorting group once, tap .
- To play the tracks in a random order, tap . To play the tracks in the normal order, tap .

- To set the timer to show the playing time or the remaining playing time of the current track, tap the time.
- To close the player, tap .



■ View photos

To view images saved on the memory card, tap **Photo** in the application menu screen.





The application supports the bmp and jpeg file formats. However, the application does not necessarily support all the variations of these formats.


To view an image, tap the folder where the image is saved, and tap the desired image file twice, or tap the image and .

In the image folder screen, you can do the following:

- To scroll through the displayed files or folders, tap the up or down arrow.
- To return to the previous folder, tap .
- To return to the main folder, tap .

In the image viewer screen, you can do the following:

- To view the next or previous image, tap the right or left arrow.
- To zoom in the image, tap . To zoom out, tap .
- To rotate the image, tap .
- To return to the folder screen, tap .

To view all the images in the selected folder one by one, tap . To return to normal playing, tap the screen.


To close the viewer, tap .





■ Watch video clips

To watch video clips saved on the memory card, tap **Video** in the application menu screen.









The application supports the mpeg-4, wmv, asf, mpg, and avi file formats. However, the application does not necessarily support all the variations of these formats.


To watch videos, you must first transfer the video files from the memory card to the video playlist.

To manage the videos on the playlist, tap  in the video player screen. The video playlist is displayed. In the video playlist screen, you can do the following:

- To open a video, tap the up or down arrow to scroll through the videos, tap the video that you want to watch, and tap .
- To add a video, tap , tap the folder where the video is saved twice, and tap the video.
- To remove a video, tap the video and .
- To return to the previous screen, tap .

In the video player screen, you can do the following:

- To play the video or resume playing, tap . To pause playing, tap . To stop playing, tap .
- To play the next or previous video, tap  or .
- To view the video in full screen, tap . To return to the normal mode during playback, tap the screen.
- To adjust the volume, tap either speaker icon, or use the volume keys.
- To play all the videos on the playlist one by one, tap . To return to normal playing, tap .

To close the player, tap .

■ Adjust settings

To adjust the general device settings, tap **Setup** in the application menu screen. In setting screens, to save the settings and close the current screen, tap **OK**; to close the screen without saving the settings, tap **Cancel**.

To change the device language, tap **Language** and the desired language. To scroll through the languages, tap the up or down arrow.

To define the time settings, tap **Time**. To select the time zone, tap the left or right arrow in the **Time zone** field. Cities located in the time zone are shown below the daylight saving setting. To turn daylight saving on or off, tap the left or right arrow in the **Daylight saving** field. To set the date and time, tap **NEXT**, tap the desired option, and repeatedly tap the up or down arrow until the desired value is shown.

To adjust the screen backlight, tap **Backlight**. You can set the backlight level separately for the day and night mode. To set the backlight level, tap the left or right arrow. To set the time after which the night mode turns on, tap the left or right arrow in the **Backlight timer** field. If you select **Never**, the night mode is not automatically activated when the day mode is active. When the device automatically activates the night mode, to switch to the day mode, tap the screen.

To calibrate the screen if it responds inaccurately, tap **Calibration** and **YES**. Follow the displayed instructions.

To view information about the device software, tap **About**. To reset the device to the factory settings, tap **Factory reset** and **OK**.

■ Reset the device

If the device stops functioning, although it has been charged, you need to reset it. When the device is switched on, press and hold the reset key until the device automatically restarts. The reset does not reset the device settings.

4. Battery information

Your device is powered by a rechargeable battery. The battery can be charged and discharged hundreds of times, but it will eventually wear out. Recharge your battery only with Nokia approved chargers designated for this device.

Unplug the charger from the electrical plug and the device when not in use. Do not leave a fully charged battery connected to a charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time.

If the battery is completely discharged, it may take several minutes before the charging indicator appears on the screen.

Never use any charger that is damaged.

Leaving the device in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

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 protect your warranty coverage.

- Keep all accessories and enhancements 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 it to dry completely.
- Do not attempt to remove the battery from the device.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components 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 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.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices.

These suggestions apply equally to your device, battery, charger, or any enhancement. If any device is not working properly, take it to the nearest authorized service facility for service.