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Introduction

Welcome to Maps. Here is important background information before you get started.

About GPS

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.

Any GPS should not be used for precise location measurement, and you should never rely solely on location data from the GPS receiver and cellular radio networks for positioning or navigation.

The trip meter has limited accuracy, and rounding errors may occur. Accuracy can also be affected by availability and quality of GPS signals.

GPS receiver

If your device has an internal GPS receiver, you can use it with Maps. Using the internal GPS receiver may drain the device battery faster.

Use an external GPS receiver

- 1 Fully charge your compatible GPS receiver, and switch it on.
- 2 Set up a Bluetooth connection between your device and the GPS receiver.
- 3 Place the GPS receiver in a position with an unobstructed view to the sky.
- 4 Open the Maps application, and select the external GPS receiver.

It may take several minutes to establish the first GPS connection. Subsequent connections are faster, but, if you have not used GPS for several days, or you are very far from the last location you used it, it may take a while to find a strong satellite signal.

You can also use Maps without a GPS receiver to browse maps, search for addresses and locations, and plan routes.

Get started

About Maps

With Maps, you can browse maps for different cities and countries, search for addresses and different points of interest, plan routes from one location to another, see your current location on the map if you have a GPS connection, and save locations and send them to compatible devices. You can also purchase a licence for a navigation service with voice guidance. This service is not available for all countries or regions.

If there are maps available in your device or on an inserted memory card, you can browse them without an internet connection. When you browse to an area which is not covered by the maps already downloaded in your device, a map for the area is automatically downloaded through the internet. You may be prompted to select an access point to use with the internet connection.

Downloading maps may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

You can also use the Nokia Map Loader PC software to download maps. To install Nokia Map Loader on a compatible PC, see www.nokia.com/maps.

When you open Maps, select from the following:

Last map — Open the map that was displayed last.

Find address — Search for a specific address.

Saved locations — Find a location you have saved on your device.

Recent locations — View the locations you have browsed.

Current position — View your current location.

Plan route — Plan a route.

Extra services — Purchase a license for navigation.

Settings — Define the Maps settings.

Almost all digital cartography is inaccurate and incomplete to some extent. Never rely solely on the cartography that you download for use in this device.

Map elements



Browse maps

- 1 Main street
- 2 Secondary street
- 3 Point of interest (for example, a railway station or a museum)
- 4 Selected location



Navigate

- 1 Route
- 2 Direction
- 3 Compass

Use Maps with the compass

If your device has a compass, and the compass is activated, the map view rotates automatically according to the direction to which the top of the device is pointing.

Activate the compass

Select **Options > Map rotation on**.

If you need to calibrate the compass in your device, follow the instructions on the display. The circle around the compass indicator shows the quality of calibration. A green circle

indicates excellent calibration, yellow circle sufficient calibration, and red circle insufficient calibration. When the circle turns red, the device prompts you to re-calibrate the compass.

The surroundings may affect the quality of calibration.


Browse maps

The map coverage varies by country and region.

Move on a map

View your current location

Select **Current position**.

When the GPS connection is active,  shows your current location on the map.

Move on the map

Scroll up, down, left, or right with the scroll key. The map is oriented towards north by default.

When you browse the map, and you have an internet connection established, a new map is automatically downloaded if you scroll to an area which is not covered by maps already downloaded. These maps are free of charge, but downloading may involve the transmission of large amounts of data through your service provider's network. For more information on data transmission charges, contact your service provider. The maps are not permanently saved on

your device memory or memory card. When you download new maps, older maps are removed from the memory.

Tip: To avoid data transfer costs, use Nokia Map Loader to download maps.

Zoom in or out on the map



Press * or #.

View the details of a location

Select **Options** > **Details**.

Display indicators

When a GPS connection is active, the GPS indicator is shown.

 indicates that satellite signals are being searched.  indicates that a satellite signal is available.

Track your location

When you activate the tracking feature, your location on the map is constantly updated, and the map is centred on your current location.

Start tracking your location

Select **Options** > **Start tracking**.

Stop tracking

Select **Stop**.

Find places

Need directions? Looking for a restaurant? Maps helps you get there.

Find locations

- 1 Select **Find address**.
- 2 Scroll to **Country or region**; select **Options** > **Change**, and select the desired country from the list.
- 3 Enter the name of the city in the Postal code or city: field. You do not have to enter the entire name; usually the first two characters suffice.
- 4 To find a specific address, fill in also the **Street:** and **House number:** fields.
- 5 Select **Find**.

If you search for locations without an internet connection, the search may be slower and results limited.

Find places of interest nearby

Select **Options** > **Find location** > **Find nearby locations**, and a category from which you want to search. The device searches for the places of interest in that category within a radius of 50 km (31 miles) of the selected location.

View the found location on the map

Select **View map**.

Plan a route

- 1 Select **Plan route**.
- 2 Select **Starting point**, and select your current position, a saved or recent location, a place from the map, or a specific address as the start point of your route.
- 3 Select **Destination**, and the end point of your route.

Navigate to or from a found place

If you have already found a place to or from which you want to plan a route, select **Options** > **Use location** > **Plan route to** or **Plan route from**.

Show the route on the map

Select **Options** > **Show route** > **View map**.

View the details of the route

Select **Options** > **Route** > **Route details**.

Clear the route

Select **Options** > **Route** > **Clear route**.

Navigate to the destination

If you have purchased a navigation licence, select **Options** > **Use location** > **Navigate to**.

Save and send locations

Save a location to your device

Select **Use location** > **Save location**. Enter a name for the location, and select an icon to describe it. The location is saved in **Saved locations**.

Send a location to a compatible device

Select **Use location** > **Send location**. The location is sent as a multimedia message.

Extra service for Maps

To purchase a licence for car navigation, select **Extra services**. You can pay for the licence through a credit card or in your phone bill, if supported by your service provider.

Navigate to your destination

Purchase a licence for navigation

Select **Extra services**. The licence is region-specific and can be used only in the selected area.

Navigate to the destination

- 1 Select **Plan route**, and create a route.
- 2 Select **Options** > **Show route** > **Options** > **Start navigation**.
- 3 Accept the displayed disclaimer.
- 4 Select the language for voice guidance, if prompted.

Downloading services and voice guidance files may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

Tip: You can also use Nokia Map Loader to download the voice guidance files.

Repeat the voice guidance

Select **Repeat**.

Silence the voice guidance

Select **Options > Mute audio**.

If you deviate from the set route, the device automatically plans a new route.

Stop navigating

Select **Stop**.

Navigate on foot

Select **Settings > Route selection > Routing settings > On foot**. This optimises the routes you create for navigation on foot.

Settings

In Settings, you can change, for example, how the application connects to the internet.

Change the general settings

Select **Settings > General settings** and from the following:

Unit of measure — Select the unit of measurement.

Points of interest — Select the points of interest you want to display on the map.

Lights — Define how you want the device backlight to work when you use Maps.

Voice guidance — Select the language for voice guidance, if you have purchased a license for navigation.

Change the network settings

Allowing network connection may provide faster and better search results.

Allow your device to connect to the network

Select **Settings > Network settings > Allow network usage > Yes**.

Note: Downloading maps may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

Change the route settings

With the route settings, you can define the type of navigation for which you want to create routes.

Select **Settings > Route selection > Routing settings** and from the following:

On foot — Set the device to create routes optimised for walking.

Ferry, Motorway, Toll road, or Tunnel — Select the features the device is allowed to use when creating a route.

Faster by car — Set the device to plan routes based on estimated travel time.

Shorter by car — Set the device to plan routes based on distance.

Get updates

You can download new maps and update the maps saved in your device or memory card with Nokia Map Loader.

Downloading maps with your device may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

Nokia Map Loader

With the Nokia Map Loader application for PC, you can download maps and voice guidance files from the internet. You must use the Maps application and browse maps at least once before using Nokia Map Loader, as Nokia Map Loader uses the Maps history information to check which version of the maps to download.

Install Nokia Map Loader on your PC

See www.nokia.com/maps, and follow the instructions.

Download maps with Nokia Map Loader

- 1 Connect your device to the computer with a compatible USB data cable or Bluetooth connection. If you use a data cable, select PC Suite as the USB connection method.
- 2 Open Nokia Map Loader on the computer.
- 3 Select a continent and a country. Small countries may be chosen in their entirety; others have several sub-maps from which to choose.
- 4 Select the maps or services, and download and install them to your device.

On the Service tab of Nokia Map Loader, you can purchase navigation and traffic information licences, travel guides, and download maps.

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