

**NOKIA**  
Nseries

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**NOKIA**  
Nseries

Get Started  
Nokia N78



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## Need help with your device?

If you have issues with your device or are unsure how your device should function, refer to the online support at [www.nseries.com/support](http://www.nseries.com/support), the Help application in the device, or the User Guide. If this does not resolve your issue, try the following:

- Reset the device: switch off the device and remove the battery. After a few seconds, replace the battery, and switch on the device.
- Update your device software with Nokia Software Updater. Visit [www.nokia-asia.com/softwareupdate](http://www.nokia-asia.com/softwareupdate) or your local Nokia website.
- Restore the original factory settings as explained in the user guide. Your documents and files are not deleted in the reset.

Or you can contact Nokia for repair options. Visit [www.nokia-asia.com/repair](http://www.nokia-asia.com/repair).

 Important: Before sending your device for repair, always back up or make a record of data in your device.

## Help

The help function provides instructions when using the device. To access it from an application, select **Options > Help**.

## User guide

Refer to the user guide for other important information about your device.

## Online

Check [www.nokia-asia.com/support](http://www.nokia-asia.com/support) or your local Nokia web site for the latest version of the user guide, additional information, downloads, and services related to your Nokia product.

 Tip: You can also access the support pages from the web browser in your device.

## keys and parts

### Front

Light sensor

Ear piece

Selection keys

- Press and hold the right selection key in Standby mode to use voice commands.

Call key

- Press to open the last dialled numbers list in Standby mode.

Menu key

- Press and hold to switch between open applications.

- Note: Leaving applications running in the background increases the demand on battery power and reduces the battery life.

Navi™ wheel

- Press the Scroll Key to view the most common option items in many applications.



Secondary CIF camera with 352 x 288 resolution

End key

Multimedia key

Press to access the multimedia menu.

Numeric keypad

- Press and hold **0** to start a web connection (network service) in Standby mode.
- Press and hold **1** to call your voice mailbox (network service) in Standby mode.
- Press and hold **#** to switch between the **General** and **Silent** profiles in Standby mode. If you have two phone lines (network service), this action switches between the two lines.
- Press the corresponding number, **\*** or **#** key as the application or folder in the Main Menu as a quick shortcut to open the application or folder.

Clear key

## keys and parts

### Top, Back and Sides

Micro USB connector to connect to a compatible PC

Memory card slot for a compatible microSD card

LED flash

Main camera (up to 3.2 megapixels) for high resolution image capture and video recording

2-stage capture key for auto-focus, still image capture, and video recording

Microphone

Charger connector

Hole for wrist strap

Stereo speakers with 3D sound effects on each side of the device

Zoom/volume key

Nokia AV connector 3.5mm for compatible headsets, and headphones

Power key

- Press and hold to switch on/off your device
- Press to select/change profile



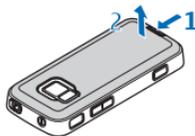
## basic phone set-up

### Insert the (U)SIM card and battery

A (U)SIM card is an enhanced version of the SIM card and is supported by UMTS mobile devices.

 Note: Before proceeding, always switch the device off and disconnect the charger before removing the battery.

1 With the back of the device facing you, press and hold the release button and lift up the cover.



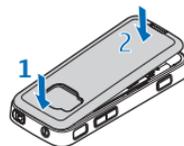
2 Insert the SIM card into the card holder. Ensure that the bevelled corner on the card is facing toward the slot, and that the contact area on the card is facing down.



3 Insert the battery.



4 To replace the cover, direct the top locking catch toward its slot first and then press down until the cover locks into place.



### Switch the device on

1 Press and hold the power key.



2 If the device asks for a PIN code or lock code, enter it, and press the left selection key. The factory setting for the lock code is **12345**.

Bluetooth technology and wireless LAN antenna, and GPS receiver



FM transmitter antenna

Cellular antenna

 Note: Your device may have internal and external antennas. As with any radio transmitting device, avoid touching the antenna unnecessarily when the antenna is in use. Contact with such an antenna affects the communication quality, may cause the device to operate at a higher power level than otherwise needed and may reduce the battery life.

 The Bluetooth, WLAN, GPS, and FM transmitter antennas are located in the back cover of your device. If you change the back cover, check that the new cover includes these antennas, otherwise these connections stop working.

## basic phone set-up

### Charge the battery

- 1 Connect a compatible charger to a wall outlet.
- 2 Connect the power cord to the device. If the battery is completely discharged, it may take a while before the charging indicator starts scrolling.
- 3 When the battery is fully charged, the charging indicator stops scrolling. Disconnect the charger from the device, then from the wall outlet.



 **Tip:** Disconnect the charger from the wall outlet when the charger is not in use. A charger that is connected to the outlet consumes power even when it is not connected to the device.

### Lock the keypad

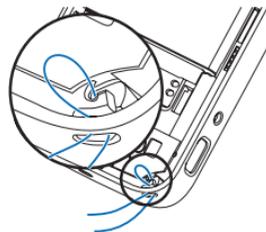
To lock the keys, press the left selection key, followed by \*

To unlock the keys, press the left selection key, followed by \*

You can set the keypad to lock automatically after a time-out. To illuminate the keypad in low light conditions, briefly press the power key.

### Wrist strap

- 1 Remove the back cover.
- 2 Thread a strap as shown and tighten it.
- 3 Replace the cover.



### Display indicators

-  The device is being used in a GSM network (network service).
-  The device is being used in a UMTS network (network service).
-  You have one or more unread messages in the **Inbox** folder in Messaging.
-  You have received new e-mail in the remote mailbox.
-  There are messages waiting to be sent in the **Outbox** folder.
-  You have missed calls.
-  The ringing type is set to silent, and the message alert tone and e-mail alert tone are set to off.
-  A timed profile is active.
-  The device keypad is locked.
-  A clock alarm is active.
-  The second phone line is being used (network service).
-  All calls to the device are diverted to another number (network service). If you have two phone lines, a number indicates the active line.
-  A compatible microSD card is in the device.
-  A compatible headset is connected to the device.
-  A compatible text phone is connected to the device.
-  A GPRS packet data connection is active (network service).  indicates the connection is on hold and  that a connection is available.

## basic phone set-up

 A packet data connection is active in a part of the network that supports EGPRS (network service).  indicates the connection is on hold and  that a connection is available. The icons indicate that EGPRS is available in the network, but your device is not necessarily using EGPRS in the data transfer.

 A UMTS packet data connection is active (network service).  indicates the connection is on hold and  that a connection is available.

 High-speed downlink packet access (HSDPA) is supported and active (network service).  indicates the connection is on hold and  that a connection is available.

 You have set the device to scan for wireless LANs, and a wireless LAN is available (network service).

 A wireless LAN connection is active in a network that has encryption.

 A wireless LAN connection is active in a network that does not have encryption.

 Bluetooth connectivity is on.

 Data is being transmitted using Bluetooth connectivity. When the indicator is blinking, your device is trying to connect with another device.

 A USB connection is active.

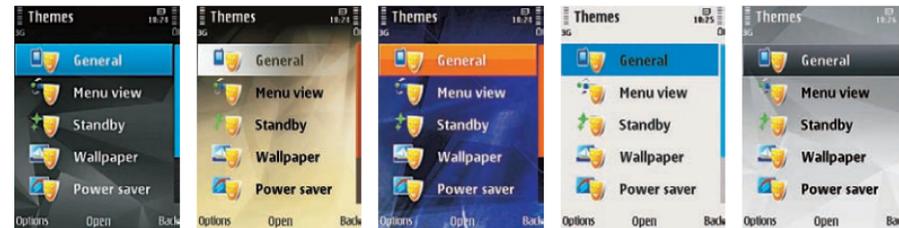
 Synchronisation is in progress.

## basic phone set-up

### Personalise your device

To customise and change the look of your device, press , and select **Tools > Settings**.

- To change the look of your device, go to **General > Personalisation > Themes**. You can change the theme, wallpaper, and power saver settings.



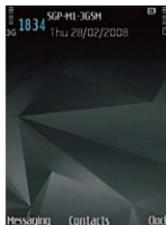
- To change the main menu view, go to **General > Personalisation > Themes > Menu view**. Select how to view main menu icons: **Grid**, **List**, **Horseshoe**, or **V-shaped**.



## basic phone set-up



- To view an active toolbar vertically, select **General > Personalisation > Standby mode > Standby theme > Vertical icon bar**.



- To switch off the active toolbar, select **General > Personalisation > Standby mode > Standby theme > Basic**.



- To view an active toolbar horizontally, select **General > Personalisation > Standby mode > Standby theme > Horizontal icon bar**.



- To change the background image of the screen when a call comes in, select **General > Personalisation > Themes > Call image**.

## basic phone set-up



- To select a sound scheme for your device or change all device events that include sounds, such as calling, battery low, and mechanical events with one setting, select **General > Personalisation > Themes > Audio themes > Active audio theme** and select your desired theme. The sounds can be tones, synthesised voice tags, or you can combine both.



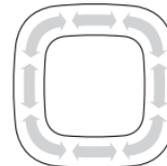
- To change the clock shown in the standby mode, press **S**, and select **Application > Clock > Options > Settings > Clock type**.

### Navi™ wheel

Use the scroll key to move around the menus and lists (up, down, left, or right). Press the scroll key to select the action shown on top of the key or to show the most used options .

When the Navi™ wheel setting is switched on in the settings, you can scroll quickly through Photos, Music Player, Nokia Video Centre, Contacts, and Messaging lists, or the multimedia menu.

- Move the tip of your finger gently around the rim of the scroll key clockwise or counterclockwise. Keep moving your finger until scrolling starts on the display.
- To continue scrolling, slide your finger around the rim of the scroll key clockwise or counterclockwise.



To turn the Navi wheel setting on or off, press **S**, and select **Tools > Settings > General > Navi wheel > Navi wheel**.

### Sleep mode indicator

When the device is on standby, the rim inside the Navi wheel lights up slowly. The light varies periodically as if the device was breathing. The breathing is quicker if there are missed calls or received messages.

To turn off breathing, press **S**, and select **Tools > Settings > General > Navi wheel > Breathing**.

## GPS and maps

### GPS

Your device has an internal Global Positioning System (GPS) receiver. The GPS is a worldwide radio navigation system that includes 24 satellites and their ground stations that monitor the operation of the satellites.

A GPS terminal receives low-power radio signals from the satellites and measures the travel time of the signals. From the travel time, the GPS receiver can calculate its location to the accuracy of metres.

The GPS receiver is located in the top of the device. When using the receiver, from an upright position, move the device to an angle of about 45 degrees, with an unobstructed view of the sky.

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 Radio navigation Plan. The accuracy of location data can 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.

Establishing a GPS connection may take from a couple of seconds to several minutes. Establishing a GPS connection in a vehicle may take longer.

 The GPS receiver draws its power from the device battery. Using the GPS receiver may drain the battery faster.



## GPS and maps

### Assisted GPS (A-GPS)

Your device also supports Assisted GPS (A-GPS) (network service).

A-GPS is used to retrieve assistance data over a packet data connection. When activated, it assists in calculating the coordinates of your current location when your device is receiving signals from satellites.

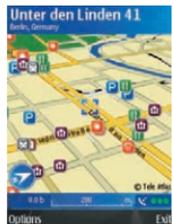
 **Note:** With the help of assisted data, your device can detect satellites that are closer to your device, which speeds up the location calculation. You need to enable data connection in order to use A-GPS. Your device is preconfigured to use the Nokia A-GPS service, if no service provider-specific A-GPS settings are available. The assistance data is retrieved from the Nokia A-GPS service server only when needed.

### Nokia Maps

With Maps, you can see your current location on the map, browse maps for different cities and countries, search for addresses and different points of interest, plan routes from one location to another, and save locations as landmarks and send them to compatible devices. You can also purchase extra services, such as guides and a turn-by-turn navigation service with voice guidance.

Press , and select **Maps**. When you use Maps for the first time, you may need to define an Internet access point for downloading map information for your current location. To change the default access point later, select **Options > Settings > Network > Default access point**.

## GPS and maps



When you browse the map on the display, a new map is automatically downloaded if you scroll to an area which is not covered by maps already downloaded.

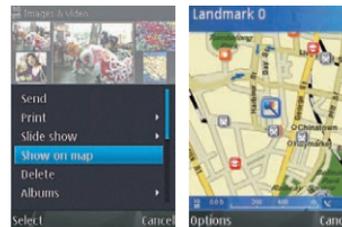
To prevent the device from automatically downloading maps through the Internet, for example, when you are outside your home cellular network, select **Options > Settings > Network > Use network > Never**.

 Note: 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.

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.

## GPS and maps

### Location Tagging



Location Tagging helps you save the location information on where your photos were taken and enables you to view the location directly on Nokia Maps. Just find the location-tagged image in **Photos > Options > Show on Map**.

If you have an account with an online sharing service with world maps such as Flickr, simply upload your photos and they will be tagged automatically by the location in which they were taken. No more manual tagging — tracking your photographic journey has never been easier.

### Nokia Map Loader

Nokia Map Loader is a PC software that allows you to download free map data of regions or countries and voice commands in different languages over the Internet to your PC and to transfer them to your device or memory card.



To download maps using Nokia Map Loader, you need to:

- 1 Install Nokia Map Loader software from <http://maps.nokia.com> to your PC.
- 2 Check that you have an Internet connection on your PC.
- 3 Connect your device to your PC using a USB cable or memory card (via a memory card reader).
- 4 Start the Nokia Maps application on your device.
- 5 Launch the Nokia Map Loader and select the country maps and voice commands you wish to download to your device and follow the instructions on your PC screen to complete the download.

 Tip: You can also download maps by using a wireless LAN connection.

When you browse the map on the display, for example, to move to another country, a new map is downloaded automatically, provided that you have an Internet connection.

 Note: Downloading maps directly from 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.

You can view the amount of transferred data from the data counter (KB) shown on the display. The counter shows the amount of network traffic when you browse maps, create routes, or search for locations online.

The maps are automatically saved in the device memory or on a compatible memory card if it is inserted in the device.

## Home Synchronisation

You can synchronise the media files in your mobile device with those in your home devices. Make sure that your mobile device is within range of your home WLAN and the home network has been set up.

To set up home synchronisation, select **Tools** > **Connectivity** > **Home media** > **Home sync**, and complete the wizard.

To run the wizard later, in the Home synchronisation main view, select **Options** > **Run wizard**.

To manually synchronise content in your mobile device with content in your home devices, select **Sync now**.

## Synchronisation settings

To change the synchronisation settings, select **Options** > **Synchronisation settings**, and from the following:

- **Synchronisation** — Set or disable automatic or manual synchronisation.
- **Source devices** — View the available source devices.
- **Memory in use** — View and select the memory used.
- **Memory manager** — To be informed when the device is running out of memory, select **Ask when full**.

## Define incoming files

To define and manage lists for incoming media files, press **S**, and select **Tools** > **Connectivity** > **Home media** > **Home sync** > **From home** > **Options** > **Open**.

To define the kinds of files you want to transfer to your device, select them from the list.

To edit the transfer settings, select **Options** > **Edit** and from the following:

- **List name** — Enter a new name for the list.
- **Shrink images** — Shrink images to save memory.
- **Amount** — Define the maximum number or total size of the files.
- **Starting with** — Define the download order.
- **From** — Define the date of the oldest file you want to download.
- **Until** — Define the date of the latest file you want to download.

For music files, you can also specify the genre, artist, album, and track you want to download, and the source device used for downloading.

To browse files in a specific category in your device, select a file type and **Options** > **Show files**.

To create a predefined or customised list for incoming files, select **Options** > **New list**.

To change the priority order of the filters in the list, select **Options** > **Change priority**. Select the filter you want to move and **Grab**, move the filter to the new location, and select **Drop** to place it there.

## Define outgoing files

To specify which types of files in your device to synchronise with your home media devices and how to synchronise them, press **⌘**, and select **Tools > Connectivity > Home media > Home sync > To home > Options > Open**.

Select the media type, **Options**, corresponding settings, and from the following:

- **Target devices** — Select **On** to set files in this category to be synchronised with the files in the target devices.
- **Keep on phone** — Select **Yes** to prevent the files of the selected category in your device from being synchronised. With images you can also select whether to delete the image or to keep the original or a scaled version of it in your device. Selecting the original size consumes more memory.
- **Exclude playlist** — To prevent a specific music playlist from being synchronised.
- **Exclude album** — To prevent a specific video or image album from being synchronised.

## View synchronisation log

View the direction, date, and time of the synchronisation, and the amount and type of synchronised files.

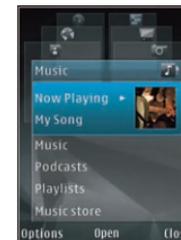
To view log information on synchronisation, select **Sync now**, **From home** or **To home > Options > Log**. To view the details of a log entry, select the entry and **Options > Open**.

To restore a file that has been skipped in a previous synchronisation, select the file and **Options > Restore**. Skipped files are marked with .

## Play Music

To play a song:

- 1 Press **⌘**, and select **Music > Music player**.
- 2 Select **Music**.
- 3 Select a song you want to hear.
- 4 To play the selected files, press the scroll key.



To adjust the volume, press the volume key. Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing.

To return to the standby mode and leave the player playing in the background, press the end key, or, to switch to another open application, press and hold **⌘**.

To close the player, select **Options > Exit**.

## FM Transmitter

When the transmitter is on and transmitting sound,  is displayed in the standby mode.

If the transmitter is on, but not transmitting anything,  is displayed and a periodic tone sounds. If the transmitter is idle for several minutes and not transmitting anything, it is switched off automatically.

With the FM transmitter, you can play songs in your device through any compatible FM receiver, such as a car radio or a home stereo system.

The FM transmitter cannot be used at the same time as the FM radio of your device. The operating frequency range of the transmitter is from 88.1 MHz to 107.9 MHz.

 **Note:** The availability of this feature may vary by region. For the latest information on FM transmitter and list of countries, please visit [www.nseries.com/fmtransmitter](http://www.nseries.com/fmtransmitter).

The operating distance of the FM transmitter is up to a maximum of 3 metres (10 feet). The transmission may be subject to interference due to obstructions, such as walls, other electronic devices, or from public radio stations. Higher frequencies are likely to give better results. The FM transmitter may cause interference to nearby FM receivers operating on the same frequency. To avoid interference, always search for a free FM frequency on the receiver before using the FM transmitter.

### Playing a song using FM transmitter

To play a song stored in your device through a compatible FM receiver, do the following:

- 1 Press , and select **Music > Music player**.
- 2 Select a song or a playlist to be played and, in the Now playing view, select **Options > FM transmitter**.

- 3 To activate the FM transmitter, set **FM transmitter** to **On**, and enter a frequency that is free from other transmissions. For example, if the frequency 107.8 MHz is free in your area and you tune your FM receiver to it, you must also tune the FM transmitter to 107.8 MHz.

- 4 Tune the receiving device to the same frequency, and select **Options > Exit**.

To adjust the volume, use the volume function in the receiving device.

To deactivate the FM transmitter, select **Options > FM transmitter**, and set **FM transmitter** to **Off**.

If music is not playing for several minutes, the transmitter is switched off automatically.

