

# Nokia 1680 classic User Guide

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9208040  
Issue 1



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Your device may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC or Industry Canada can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, contact your local service facility. 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. Any changes or modifications not expressly approved by Nokia could void the user's authority to operate this equipment.

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## For your safety

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.



### **SWITCH ON SAFELY**

Do not switch the device on when wireless phone use is prohibited or when it may cause interference or danger.



### **ROAD SAFETY COMES FIRST**

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.



### **INTERFERENCE**

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



### **SWITCH OFF IN HOSPITALS**

Follow any restrictions. Switch the device off near medical equipment.



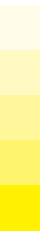
### **SWITCH OFF IN AIRCRAFT**

Follow any restrictions. Wireless devices can cause interference in aircraft.



### **SWITCH OFF WHEN REFUELING**

Do not use the device at a refueling point. Do not use near fuel or chemicals.





**SWITCH OFF NEAR BLASTING**

Follow any restrictions. Do not use the device where blasting is in progress.



**QUALIFIED SERVICE**

Only qualified personnel may install or repair this product.



**ENHANCEMENTS AND BATTERIES**

Use only approved enhancements and batteries. Do not connect incompatible products.



**WATER-RESISTANCE**

Your device is not water-resistant. Keep it dry.

RAFT




# 1. General information

## About your device

The wireless device described in this guide is approved for use on the GSM 850 and 1900 networks. Contact your service provider for more information about networks.

When using the features in this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights.

Copyright protection may prevent some images, music, and other content from being copied, modified, or transferred.

 **Warning:** To use any features in this device, other than the alarm clock, the device must be switched on. Do not switch the device on when wireless device use may cause interference or danger.

## Network services

To use the phone you must have service from a wireless service provider. Many of the features require special network features. These features are not available on all networks; other networks may require that you make specific arrangements with your service provider before you can use the network services. Your service provider can give you instructions and explain what charges will apply. Some networks may have limitations that affect how you can use network services. For instance, some networks may not support all language-dependent characters and services.





Your service provider may have requested that certain features be disabled or not activated in your device. If so, these features will not appear on your device menu. Your device may also have a special configuration such as changes in menu names, menu order, and icons. Contact your service provider for more information.

## Enhancements

Practical rules about accessories and enhancements

- Keep all accessories and enhancements out of the reach of small children.
- When you disconnect the power cord of any accessory or enhancement, grasp and pull the plug, not the cord.
- Check regularly that enhancements installed in a vehicle are mounted and are operating properly.
- Installation of any complex car enhancements must be made by qualified personnel only.

## Access codes

The security code protects your phone against unauthorized use.

The PIN code supplied with the SIM card protects the card against unauthorized use. The PIN2 code supplied with some SIM cards is required to access certain services. If you enter the PIN or PIN2 code incorrectly three times in succession, you are asked for the PUK or PUK2 code. If you do not have them, contact your service provider.

The module PIN is required to access the information in the security module of your SIM card. The signing PIN may be



required for the digital signature. The restriction password is required when using the call restriction service.

To set how your phone uses the access codes and security settings, select **Menu > Settings > Security**.

### **Nokia support**

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

### **Configuration settings service**

Download free configuration settings such as MMS, GPRS, e-mail, and other services for your phone model at [www.nokia.com/support](http://www.nokia.com/support).

### **Customer service**

If you need to contact customer service, check the list of local Nokia Care contact centres at [www.nokia.com/customerservice](http://www.nokia.com/customerservice).

**NOKIA  
Care**

### **Maintenance**

For maintenance services, check your nearest Nokia service centre at [www.nokia.com/repair](http://www.nokia.com/repair).

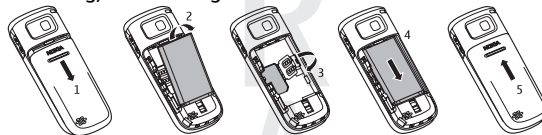


## 2. Get started

### Install SIM card and battery

Always switch the device off and disconnect the charger before removing the battery.


The SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting, or removing the card.



1. To remove the cover, press and slide the back cover toward the bottom of the phone (1).
2. Remove the battery (2).
3. Insert the SIM card (3).
4. Insert the battery (4), and replace the back cover (5).

### Charge the battery

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from the AC-3 charger.

 **Warning:** Use only batteries, chargers, and enhancements approved by Nokia for use with this

particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous.

This phone is intended for use with a BL-5CA battery.

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.

1. Connect the charger to a wall socket.
2. Connect the lead from the charger to the charger connector of your phone.

If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.



## Antenna

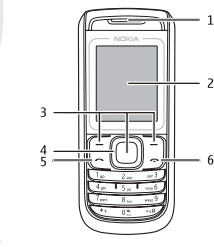


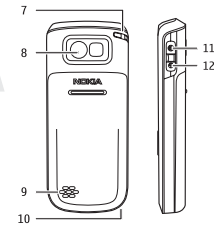
**Note:** Your device may have internal and external antennas. As with any radio transmitting device, avoid touching the antenna unnecessarily when the antenna is in use. Contact with such an antenna affects the communication quality, may cause the device to operate at a higher power level than otherwise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


The picture shows the antenna area marked in grey.

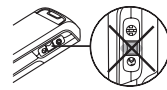


## Keys and parts

1	Earpiece	
2	Display	
3	Selection keys	
4	Navi™ key: hereafter referred to as the scroll key	
5	Call key	
6	End key and power key	

7	Strap eyelet	
8	Camera lens	
9	Loudspeaker	
10	Microphone	
11	Headset connector	
12	Charger connector	

 **Note:** Do not touch this connector as it is intended for use by authorized personnel only.



## Switch the phone on and off

To switch the phone on or off, press and hold the power key.

## Standby mode

### Section Metadata

When the phone is ready for use, and you have not entered any characters, the phone is in the standby mode.

1	Network signal strength	<p>The diagram shows a mobile phone screen with four numbered callouts: 1 points to the signal strength indicator (four bars), 2 points to the battery level indicator (a bar with 'Full' and 'xxx' below it), 3 points to the network name/logo (xxx), and 4 points to the selection keys (xxx, xxx, xxx).</p>
2	Battery charge level	
3	Network name or operator logo	
4	Functions of selection keys	

The left selection key is **Go to** for you to view the functions in your personal shortcut list. When viewing the list, select **Options > Select options** to view the available functions, or select **Options > Organise** to arrange the functions in your shortcut list.

## Keypad lock (keyguard)

To prevent accidental keypresses, select **Menu**, and press \* within 3.5 seconds to lock the keypad.



To unlock the keypad, select **Unlock**, and press \* within 1.5 seconds. If **Security keyguard** is on, enter the security code when requested.

To set the keypad to lock automatically after a preset time delay when the phone is in the standby mode, select **Menu > Settings > Phone > Automatic keyguard > On**.

To answer a call when the keypad is locked, press the call key. When you end or reject the call, the keypad automatically locks.

When the keyguard is on, calls may be possible to the official emergency number programmed into your device.

### **Functions without a SIM card**

Some functions of your phone may be used without inserting a SIM card, such as **Organiser** functions and games. Some functions appear dimmed in the menus and cannot be used.



## 3. Calls


### Make and answer a call

To make a call, enter the phone number, including the country code and area code if necessary. Press the call key to call the number. Scroll right to increase or left to decrease the volume of the earpiece or headset during the phone call.

To answer an incoming call, press the call key. To reject the call without answering, press the end key.

### Loudspeaker

If available, you may select **Loudsp.** or **Normal** to use the loudspeaker or the earpiece of the phone during a call.

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

### Dialing shortcuts

To assign a phone number to one of the number keys, 2 to 9, select **Menu > Contacts > Speed dials**, scroll to a desired number, and select **Assign**. Enter the desired phone number, or select **Search** and a saved contact.

To switch the 1-touch dialing function on, select **Menu > Settings > Call > Speed dialling > On**.

To make a call using 1-touch dialing, in the standby mode, press and hold the desired number key.











## 4. Write text

### Text modes

To enter text (for example, when writing messages) you can use traditional or predictive text input.

When you write text, press and hold **Options** to toggle between traditional text input, indicated by , and predictive text input, indicated by . Not all languages are supported by predictive text input.

The character cases are indicated by , , and . To change the character case, press #. To change from the letter to number mode, indicated by , press and hold #, and select **Number mode**. To change from the number to the letter mode, press and hold #.

To set the writing language, select **Options > Writing language**.

### Traditional text input

Press a number key, **2 to 9**, repeatedly until the desired character appears. The available characters depend on the selected writing language.

If the next letter you want is located on the same key as the present one, wait until the cursor appears and enter the letter.

To access the most common punctuation marks and special characters, repeatedly press the number key **1** or press \* to select a special character.



## Predictive text input

Predictive text input is based on a built-in dictionary to which you can also add new words.

1. Start writing a word, using the keys **2** to **9**. Press each key only once for one letter.
2. To confirm a word by adding a space, press **0**.
  - If the word is not correct, press **\*** repeatedly, and select the word from the list.
  - If the **?** character is displayed after the word, the word you intended to write is not in the dictionary. To add the word to the dictionary, select **Spell**. Enter the word using traditional text input, and select **Save**.
  - To write compound words, enter the first part of the word, and press the scroll key right to confirm it. Write the last part of the word, and confirm the word.
3. Start writing the next word.



## 5. Navigate the menus

The phone functions are grouped into menus. Not all menu functions or option items are described here.

In the standby mode, select **Menu** and the desired menu and submenu. Select **Exit** or **Back** to exit the current level of menu. Press the end key to return to the standby mode directly. To change the menu view, select **Menu** > **Options** > **Main menu view** > **List** or **Grid**.

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## 6. Messaging

You can read, write, send, and save text, multimedia, audio, and flash messages, and e-mail. The messaging services can only be used if your network or service provider supports them.

### Text and multimedia messages

You can create a message and optionally attach, for example, a picture. Your phone automatically changes a text message to a multimedia message when a file is attached.

### Text messages

Your device supports the sending of text messages beyond the limit for a single message. Longer messages are sent as two or more messages. Your service provider may charge accordingly. Characters with accents or other marks, and characters from some language options, take up more space, and limit the number of characters that can be sent in a single message.

An indicator at the top of the display shows the total number of characters left and the number of messages needed for sending.

Before you can send any text or SMS e-mail messages, you must save your message center number. Select **Menu > Messaging > Message settings > Text messages > Message centres > Add centre**, enter a name, and the number from the service provider.



### Multimedia messages and multimedia plus messages

A multimedia (MMS) message can contain text, pictures, sound clips, and video clips. A multimedia plus message can also contain any other content, even files not supported by your phone.

Only devices that have compatible features can receive and display multimedia messages. The appearance of a message may vary depending on the receiving device.

The wireless network may limit the size of MMS messages. If the inserted picture exceeds this limit the device may make it smaller so that it can be sent by MMS.

 **Important:** Exercise caution when opening messages. Messages may contain malicious software or otherwise be harmful to your device or PC.

To check availability and to subscribe to the multimedia messaging service (MMS), contact your service provider. You also may download the configuration settings. See "Nokia support", p. 10.

#### Create a text or multimedia message

1. Select **Menu > Messaging > Create message > Message**.
2. To add recipients, scroll to the **To:** field, and enter the recipient's number or e-mail address, or select **Add** to select recipients from the available options. Select **Options** to add recipients and subjects and to set sending options.



3. Scroll to the **Text:** field, and enter the message text.
4. To attach content to the message, scroll to the attachment bar at the bottom of the display and select the desired type of content.
5. To send the message, press **Send**.

The message type is indicated at the top of the display and changes automatically depending on the content of the message.

Service providers may charge differently depending on the message type. Check with your service provider for details.

## E-mail

Access your POP3 or IMAP4 e-mail account with your phone to read, write, and send e-mail. This e-mail application is different from the SMS e-mail function.

Before you can use e-mail, you must have an e-mail account and the correct settings. To check the availability and the settings of your e-mail account, contact your e-mail service provider. You may receive the e-mail configuration settings as a configuration message.

### E-mail setup wizard

The e-mail setup wizard starts automatically if no e-mail settings are defined in the phone. To start the setup wizard for an additional e-mail account, select **Menu** > **Messaging** and the existing e-mail account. Select **Options** > **Add mailbox** to start the e-mail setup wizard. Follow the instructions on the display.



### Write and send an e-mail

To write an e-mail, select **Menu** > **Messaging** > **Create message** > **E-mail message**. To attach a file to the e-mail, select **Options** > **Insert**. To send the e-mail, press the call key. Select the desired account if necessary.

### Download e-mail



**Important:** Exercise caution when opening messages. E-mail messages may contain malicious software or otherwise be harmful to your device or PC.

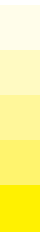
To select the retrieve mode, select **Menu** > **Messaging** > **Message settings** > **E-mail messages** > **Edit mailboxes** and the desired mailbox, and **Downloading settings** > **Retrieve mode**.

To download e-mail, select **Menu** > **Messaging** and the desired mailbox; confirm the query for connection if necessary.

### Flash messages

Flash messages are text messages that are instantly displayed upon reception.

1. To write a flash message, select **Menu** > **Messaging** > **Create message** > **Flash message**.
2. Enter the recipient's phone number, write your message (maximum 70 characters), and select **Send**.



## Nokia Xpress audio messages

Create and send an audio message using MMS in a convenient way.

1. Select **Menu > Messaging > Create message > Audio message**. The voice recorder opens.
2. Record your message.
3. Enter one or more phone numbers in the **To:** field, or select **Add** to retrieve a number.
4. To send the message, select **Send**.

## Instant messaging

With instant messaging (IM, network service) you can send short text messages to online users. You must subscribe to a service and register with the IM service you want to use. Check the availability of these services, pricing, and instructions with your service provider. The menus may vary depending on your IM provider.

To connect to the service, select **Menu > Messaging > Instant messages** and follow the instructions on the display.

## Voice messages

The voice mailbox is a network service to which you may need to subscribe. For more information, contact your service provider.

To call your voice mailbox, press and hold **1**.



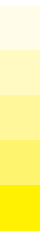


To edit your voice mailbox number, select **Menu > Messaging > Voice messages > Voice mailbox number**.

### Message settings


Select **Menu > Messaging > Message settings** to set up your messaging features.

- **General settings** — to set your phone to save sent messages, to allow overwriting of older messages if the message memory is full, and to set up other preferences related to messages
- **Text messages** — to allow delivery reports, to set up message centers for SMS and SMS e-mail, to select the type of character support, and to set up other preferences related to text messages
- **Multimedia msgs.** — to allow delivery reports, to set up the appearance of multimedia messages, to allow the reception of multimedia messages and adverts, and to set up other preferences related to multimedia messages
- **E-mail messages** — to allow e-mail reception, to set the image size in e-mail, and to set up other preferences related to e-mail



## 7. Contacts

Select **Menu** > **Contacts**.

You can save names and phone numbers in the phone memory and in the SIM card memory. The phone memory may save contacts with numbers and text items. Names and numbers saved in the SIM card memory are indicated by .

To add a contact, select **Names** > **Options** > **Add new contact**. To add details to a contact, ensure that the memory in use is **Phone** or **Phone and SIM**. Select **Names**, scroll to the name, and select **Details** > **Options** > **Add detail**.

To search for a contact, select **Names**, and scroll through the list of contacts or enter the first letters of the name to search.

To copy a contact between the phone memory and SIM card memory, select **Names** > **Options** > **Copy contact**. The SIM card memory can save only one phone number for each name.

To select the SIM card or phone memory for your contacts, to select how the names and numbers in contacts are displayed, and to view the free and used memory capacity for contacts, select **Settings**.

You can send and receive a person's contact information as a business card from a compatible device that supports the vCard standard. To send a business card, select **Names**, search for the contact whose information you



want to send, and select **Details** > **Options** > **Send bus. card.**


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## 8. Call log

To view the information on your calls, select **Menu > Log**.

- **Call log** — to view your recently missed and received calls and dialed numbers chronologically
- **Missed calls, Received calls, or Dialed numbers** — for information about your recent calls
- **Message recipients** — to view the contacts to whom you most recently sent messages
- **Call duration, Packet data counter, or Packet data conn. timer** — to view the general information on your recent communications
- **Message log, or Sync log** — to view the number of sent and received messages or synchronizations

 **Note:** The actual invoice for calls and services from your service provider may vary, depending on network features, rounding off for billing, taxes, and so forth.



## 9. Settings

### Profiles

Your phone has various setting groups called profiles, which you can customize with ringing tones for different events and environments.

Select **Menu > Settings > Profiles**, the desired profile, and from the following options:

- **Activate** — to activate the selected profile
- **Personalise** — to change the profile settings
- **Timed** — to set the profile to be active until an end time. When the time set for the profile expires, the previous profile that was not timed becomes active.

### Tones

You can change the tone settings of the selected active profile.

Select **Menu > Settings > Tones**. You can find the same settings in the **Profiles** menu.

If you select the highest ringing tone level, the ringing tone reaches its highest level after a few seconds.

### Display

Select **Menu > Settings > Display**.

To dim the display automatically and to display a clock when the phone is not used for a certain time, select **Power saver**.



To switch off the display automatically when the phone is not used for a certain time, select **Sleep mode**.

### **Date and time**

Select **Menu > Settings > Date and time**.

To set the date and time, select **Date and time settings**.

To set the formats for date and time, select **Date and time format settings**.

To set the phone to update the time and date automatically according to the current time zone, select **Auto-update of date & time** (network service).

### **Shortcuts**

With personal shortcuts, you can get quick access to frequently used phone functions. Select **Menu > Settings > My shortcuts**.

To allocate one phone function to the right or left selection key, select **Right selection key** or **Left selection key**.

To select shortcut functions for the scroll key, select **Navigation key**. Scroll to the desired direction, and select **Change** or **Assign** and a function from the list.

### **Connectivity**

Your phone provides several features to connect to other devices to transmit and receive data.



### Packet data

General packet radio service (GPRS) is a network service that allows mobile phones to send and receive data over an internet protocol (IP)-based network.

To define how to use the service, select **Menu > Settings > Connectivity > Packet data > Packet data connection** and from the following options:

- **When needed** — to establish the packet data connection when an application needs it. The connection is closed when the application is terminated.
- **Always online** — to automatically connect to a packet data network when you switch the phone on

### Data transfer

Your phone allows transfer of data (calendar, contacts data, and notes) with a remote internet server (network service).

### Synchronize from a server

To use a remote internet server, subscribe to a synchronization service. For more information and the settings required for this service, contact your service provider.

To start the synchronization from your phone, select **Menu > Settings > Connectivity > Data transfer > Server sync**.

### Calls and phone

Select **Menu > Settings > Call**.



To forward your incoming calls, select **Call divert** (network service). For details, contact your service provider.

To make ten attempts to connect the call after an unsuccessful attempt, select **Automatic redial** > **On**.

To have the network notify you of an incoming call while you are in a call, select **Call waiting** > **Activate** (network service).

To set whether to show your number to the person you are calling, select **Send my caller ID** (network service).

To set the display language of your phone, select **Menu** > **Settings** > **Phone** > **Language settings** > **Phone language**.

## Enhancements

This menu and its various options are shown only if the phone is or has been connected to a compatible mobile enhancement.

Select **Menu** > **Settings** > **Enhancements**. Select an enhancement, and an option depending on the enhancement.

## Configuration

You can configure your phone with settings that are required for certain services. Your service provider may also send you these settings.

Select **Menu** > **Settings** > **Configuration** and from the following options:





- **Default configuration settings** — to view the service providers saved in the phone and set a default service provider
- **Activate default in all applications** — to activate the default configuration settings for supported applications
- **Preferred access point** — to view the saved access points
- **Connect to service provider support** — to download the configuration settings from your service provider
- **Device manager settings** — to allow or prevent the phone from receiving software updates. This option may not be available, depending on your phone.
- **Personal configuration settings** — to manually add new personal accounts for various services and to activate or delete them. To add a new personal account, select **Add new** or **Options > Add new**. Select the service type, and enter the required parameters. To activate a personal account, scroll to it, and select **Options > Activate**.

### Restore factory settings

To restore the phone back to factory conditions, select **Menu > Settings > Restore factory sett.** and from the following options:

- **Restore settings only** — to reset all preference settings without deleting any personal data
- **Restore all** — to reset all preference settings and delete all personal data, such as contacts, messages, media files and activation keys



## 10. Operator menu

Access a portal to services provided by your network operator. For more information, contact your network operator. The operator can update this menu with a service message.

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## 11. Gallery

Copyright protections may prevent some images, music (including ringing tones), and other content from being copied, modified, transferred or forwarded.

Digital rights management (DRM) protected content comes with an associated activation key that defines your rights to use the content.

Your phone supports a digital rights management (DRM) system to protect acquired content. Always check the delivery terms of any content and activation key before acquiring them, as they may be subject to a fee.

To view the folders, select **Menu** > **Gallery**.



## 12. Media

### Camera and video

Your device supports an image capture resolution up to 640 x 480 pixels.

#### Take a picture

To use the still image function, select **Menu > Media > Camera**, or if the video function is on, scroll left or right. To capture an image, select **Capture**.

To set the camera to night mode, to set the self-timer on, or to take images in a fast sequence, select **Options** and the desired option. To set the preview mode and time, select **Options > Settings > Image preview time**.

#### Record a video clip

To use the video function, select **Menu > Media > Camera > Options > Video**, or if the camera function is on, scroll left or right. To start the video recording, select **Record**.

To set the length of the video clip you can take, select **Menu > Media > Camera > Options > Settings > Video clip length**.

#### Voice recorder

To start recording, select **Menu > Media > Recorder** and the virtual record button on the display.

To start the recording during a call, select **Options > Record**. When you record a call, hold the phone in the



normal position near to your ear. The recording is saved in **Gallery > Recordings**.

To listen to the latest recording, select **Options > Play last recorded**. To send the last recording using a multimedia message, select **Options > Send last recorded**.

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### 13. Applications


Your phone software may include some games and Java applications specially designed for this Nokia phone.

Select **Menu > Applications**.

To launch a game or application, select **Games** or **Collection**. Scroll to a game or application, and select **Open**.

To view the amount of memory available for game and application installations, select **Options > Memory status**.

To download a game or application, select **Options > Downloads > Game downloads** or **App. downloads**. Your phone supports J2ME™ Java applications. Ensure that the application is compatible with your phone before downloading it.

 **Important:** Only install and use applications and other software from trusted sources, such as applications that are Symbian Signed or have passed the Java Verified™ testing.

Downloaded applications may be saved in **Gallery** instead of **Applications**.



## 14. Organizer

### Alarm clock

Select **Menu** > **Organiser** > **Alarm clock**.

To set the alarm on or off, select **Alarm**. To set the time for the alarm, select **Alarm time**. To set the phone to alert you on selected days of the week, select **Repeat**. To select or personalize the alarm tone, select **Alarm tone**. To set the time out for the snooze alert, select **Snooze time-out**.

To stop the alarm, select **Stop**. If you let the phone continue to sound the alarm for a minute or select **Snooze**, the alarm stops for the snooze time-out, then resumes.

If the alarm time is reached while the device is switched off, the device switches itself on and starts sounding the alarm tone. If you select **Stop**, the device asks whether you want to activate the device for calls. Select **No** to switch off the device or **Yes** to make and receive calls. Do not select **Yes** when wireless device use may cause interference or danger.

### Calendar and to-do list

Select **Menu** > **Organiser** > **Calendar**. The current day is framed. If there are any notes set for the day, the day is in bold.

To make a calendar note, scroll to the date, and select **Options** > **Make a note**.



To view the day notes, select **View**. To delete all notes in the calendar, select the month or week view, and **Options** > **Delete all notes**.

To view the to-do list, select **Menu** > **Organiser** > **To-do list**. The to-do list is displayed and sorted by priority. To add, delete, or send a note, to mark the note as done, or to sort the to-do list by deadline, select **Options**.

DRAFT





## 15. Web

You can access various mobile internet services with your phone browser. The appearance may vary due to screen size. You may not be able to view all details of the internet pages.

 **Important:** Use only services that you trust and that offer adequate security and protection against harmful software.

Check the availability of these services, pricing, and instructions with your service provider.

You may receive the configuration settings required for browsing as a configuration message from the service provider.

To set a service, select **Menu > Web > Settings > Configuration settings**, and select a configuration and an account.

### Connect to a service

To make a connection to the service, select **Menu > Web > Home**; or in the standby mode, press and hold **0**.

To select a bookmark, select **Menu > Web > Bookmarks**. Your device may have some bookmarks or links preinstalled for or may allow access to sites provided by third parties not affiliated with Nokia. Nokia does not endorse or assume any liability for these sites. If you choose to access them, you should take the same



precautions, for security or content, as you would with any internet site.

To select the last URL, select **Menu > Web > Last web address**.

To enter an address of a service, select **Menu > Web > Go to address**. Enter the address, and select **OK**.

After you make a connection to the service, you can start browsing its pages. The function of the phone keys may vary in different services. Follow the text guides on the phone display. For more information, contact your service provider.

### Appearance settings

While browsing, select **Options > Other options > Appear. settings**. Available options may include the following:

- **Text wrapping** — Select how the text is displayed.
- **Alerts** — Select **Alert for unsecure connection > Yes** to alert when a secure connection changes to an unsecure connection while browsing. Select **Alert for unsecure items > Yes** to alert when a secure page contains an unsecure item. These alerts do not guarantee a secure connection.
- **Character encoding** — Select **Content encoding** to set the encoding for the browser page content.

### Cache memory

A cache is a memory location that is used to store data temporarily. If you have tried to access or have accessed



confidential information requiring passwords, empty the cache after each use. The information or services you have accessed are stored in the cache.

To clear the cache while browsing, select **Options** > **Other options** > **Clear the cache**. To allow or prevent the phone from receiving cookies, while browsing select **Options** > **Other options** > **Security** > **Cookie settings**; or in the standby mode select **Menu** > **Web** > **Settings** > **Security settings** > **Cookies**.

### Service inbox

Your service provider may push service messages (network service) to your phone. Service messages are notifications (such as news headlines) that may contain a text message or an address of a service.

To read the service message, select **Show**. If you select **Exit**, the message is moved to the **Service inbox**.

To set the phone to receive service messages, select **Menu** > **Web** > **Settings** > **Service inbox settings** > **Service messages** > **On**.

### Browser security

Security features may be required for some services, such as banking services or online shopping. For such connections you need security certificates and possibly a security module which may be available on your SIM card. For more information, contact your service provider.



## 16. SIM services

Your SIM card may provide additional services. You can access this menu only if it is supported by your SIM card. The name and contents of the menu depend on the available services.

For availability and information on using SIM card services, contact your SIM card vendor. This may be the service provider or other vendor.

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## 17. Battery information

### Charging and discharging

Your device is powered by a rechargeable battery. The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery. Use only Nokia approved batteries, and recharge your battery only with Nokia approved chargers designated for this device.

If a replacement battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger, then disconnect and reconnect it to begin charging the battery.

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 display or before any calls can be made.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you



carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

Leaving the battery 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.

Do not dismantle or shred cells or batteries. In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. In the event of such a leak, flush your skin or eyes immediately with water, or seek medical help.

### **Nokia battery authentication guidelines**

Always use original Nokia batteries for your safety. To check that you are getting an original Nokia battery, purchase it from an authorised Nokia dealer, and inspect the hologram label using the following steps:

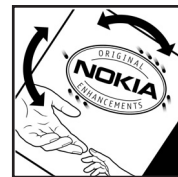
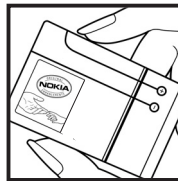
Successful completion of the steps is not a total assurance of the authenticity of the battery. If you have any reason to believe that your battery is not an authentic, original Nokia battery, you should refrain from using it, and take it



to the nearest authorised Nokia service point or dealer for assistance. Your authorised Nokia service point or dealer will inspect the battery for authenticity. If authenticity cannot be verified, return the battery to the place of purchase.

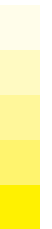
#### Authenticate hologram

1. When you look at the hologram on the label, you should see the Nokia connecting hands symbol from one angle and the Nokia Original Enhancements logo when looking from another angle.
2. When you angle the hologram left, right, down and up, you should see 1, 2, 3 and 4 dots on each side respectively.



#### What if your battery is not authentic?

If you cannot confirm that your Nokia battery with the hologram on the label is an authentic Nokia battery, please do not use the battery. Take it to the nearest authorised Nokia service point or dealer for assistance. The use of a battery that is not approved by the manufacturer may be dangerous and may result in poor performance and



damage to your device and its enhancements. It may also  
invalidate any approval or warranty applying to the device.  
To find out more about original Nokia batteries, visit  
[www.nokia.com/battery](http://www.nokia.com/battery).

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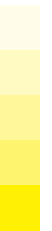




## Care and maintenance

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


- 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, remove the battery, and allow the device to dry completely before replacing it.
- 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 other than as instructed in this guide.
- 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 a soft, clean, dry cloth to clean any lenses, such as camera, proximity sensor, and light sensor lenses.
- 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.
- Use chargers indoors.
- Always create a backup of data you want to keep, such as contacts and calendar notes.
- To reset the device from time to time for optimum performance, power off the device and remove the battery.

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.

## Disposal

 The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste. Return the products to collection to prevent possible harm to the environment or human health from uncontrolled waste disposal and to promote the sustainable reuse of material resources. Collection information is available from the product retailer, local waste authorities, national



producer responsibility organizations, or your local Nokia representative. For more information, see product Eco-Declaration or country-specific information at [www.nokia.com](http://www.nokia.com).

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## **Additional safety information**

### **Small children**

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

### **Operating environment**

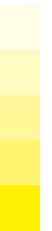
This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 2.2 centimeters (7/8 inches) away from the body. When a carry case, belt clip, or holder is used for body-worn operation, it should not contain metal and should position the device the above-stated distance from your body.

To transmit data files or messages, this device requires a quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure the above separation distance instructions are followed until the transmission is completed.

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.

### **Medical devices**

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to



determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

### **Implanted medical devices**

Manufacturers of medical devices recommend that a minimum separation of 15.3 centimeters (6 inches) should be maintained between a wireless device and an implanted medical device, such as a pacemaker or implanted cardioverter defibrillator, to avoid potential interference with the medical device. Persons who have such devices should:

- Always keep the wireless device more than 15.3 centimeters (6 inches) from the medical device when the wireless device is turned on.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device to minimize the potential for interference.
- Turn the wireless device off immediately if there is any reason to suspect that interference is taking place.
- Read and follow the directions from the manufacturer of their implanted medical device.

If you have any questions about using your wireless device with an implanted medical device, consult your health care provider.



### Hearing aids

Some digital wireless devices may interfere with some hearing aids. If interference occurs, consult your service provider.

### Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems, and air bag systems. For more information, check with the manufacturer, or its representative, of your vehicle or any equipment that has been added.

Only qualified personnel should service the device or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to




the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

### **Potentially explosive environments**

Switch off your device when in any area with a potentially explosive atmosphere, and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities and areas where the air contains chemicals or particles such as grain, dust, or metal powders. You should check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) to determine if this device can be safely used in their vicinity.

### **Emergency calls**

 **Important:** Wireless phones, including this device, operate using radio signals, wireless networks, landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. You should never rely solely on any wireless device for essential communications like medical emergencies.



To make an emergency call:

1. If the device is not on, switch it on. Check for adequate signal strength.  
Some networks may require that a valid SIM card is properly inserted in the device.
2. Press the end key as many times as needed to clear the display and ready the device for calls.
3. Enter the official emergency number for your present location. Emergency numbers vary by location.
4. Press the call key.

If certain features are in use, you may first need to turn those features off before you can make an emergency call. Consult this guide or your service provider for more information.

When making an emergency call, give all the necessary information as accurately as possible. Your wireless device may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

### **CERTIFICATION INFORMATION (SAR)**

**This mobile device meets guidelines for exposure to radio waves.**

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed





to assure the protection of all persons, regardless of age and health.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 0.74 W/kg.

Use of device accessories and enhancements may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at [www.nokia.com](http://www.nokia.com).

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use at the ear is 1.06 W/kg and when properly worn on the body is 0.61 W/kg.



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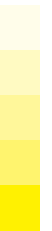
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