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Nokia E72 User Guide

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Issue Draft 25-06-2009



Cyan Magenta Yellow Black



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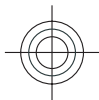
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FCC NOTICE

Your device may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC 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.

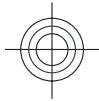
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Safety

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 RESTRICTED AREAS

Follow any restrictions. Switch the device off in aircraft, near medical equipment, fuel, chemicals, or blasting areas.



QUALIFIED SERVICE

Only qualified personnel may install or repair this product.



ACCESSORIES AND BATTERIES

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



ACCESSORIES

Use only approved accessories. Do not connect incompatible products.



WATER-RESISTANCE

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

About your device

The wireless device described in this guide is approved for use on the UMTS 850, 1900, and 2100 networks, and GSM 850, 900, 1800, 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.

Your device supports several methods of connectivity. Like computers, your device may be exposed to viruses and other harmful content. Exercise caution with messages, connectivity requests, browsing, and downloads. Only install and use services and other software from trustworthy sources that offer adequate security and protection against harmful software, such as applications that are Symbian

Signed or have passed the Java Verified™ testing. Consider installing antivirus and other security software on your device and any connected computer.

Your device may have preinstalled bookmarks and links for third-party internet sites. You may also access other third-party sites through your device. Third-party sites are not affiliated with Nokia, and Nokia does not endorse or assume liability for them. If you choose to access such sites, you should take precautions for security or content.

ⓘ 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.

The office applications support common features of Microsoft Word, PowerPoint, and Excel (Microsoft Office 2000, XP, and 2003). Not all file formats can be viewed or modified.

Remember to make back-up copies or keep a written record of all important information stored in your device.

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.

The images in this guide may differ from your device display.

Network services

To use the device 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. Using network services involves

transmission of data. Check with your service provider for details about fees in your home network and when roaming on other networks. 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.

This device supports WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols. Some features of this device, such as MMS, browsing, and e-mail, require network support for these technologies.

Digital rights management

Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM-protected content. With this device you can access content protected with WMDRM 10 and OMA DRM 2.0. If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.



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Battery removing

Switch the device off and disconnect the charger before removing the battery.

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1. Find help

For more information on saving battery power and freeing memory, see the extended user guide on the product support pages of the Nokia website.

Support

When you want to learn more about how to use your product or you are unsure how your device should function, see the support pages at www.nokia.com.cn/support or your local Nokia website, www.nokia.mobi/support, the Help application in the device, or the user guide.

If this does not resolve your issue, do the following:

- Reset the device: switch off the device, and remove the battery. After about a minute, replace the battery, and switch on the device.
- With the Nokia Software Updater application, update your device software regularly for best performance and new features. See www.nokia.com.cn/softwareupdate or your local Nokia website. Remember to back up your device data before doing the software update.
- Restore the original factory settings as explained in the user guide. Your documents and files are not deleted in the reset.

If the issue remains unsolved, contact Nokia for repair options. See www.nokia.com.cn/repair. Before sending your device for repair, always back up the data in your device.



In-device help ?

Your device contains instructions to help to use the applications in your device.

To open help texts from the main menu, select **Menu** > **Help** > **Help** and the application for which you want to read instructions.

When an application is open, to access the help text for the current view, select **Options** > **Help**.

When you are reading the instructions, to change the size of the help text, select **Options** > **Decrease font size** or **Increase font size**.

You may find links to related topics at the end of the help text. If you select an underlined word, a short explanation is displayed. Help texts use the following indicators:  Link to a related help topic.  Link to the application being discussed.

When you are reading the instructions, to switch between help texts and the application that is open in the background,

select **Options** > **Show open apps**, and the desired application.

Extended user guide

An extended version of this user guide is available on the product support pages of the Nokia website. Some applications or functions are explained only in the extended user guide. This is explained in the relevant sections. The extended user guide also contains a troubleshooting section.

Update device software

Software updates using your PC

Software updates may include new features and enhanced functions that were not available at the time of purchase of your device. Updating the software may also improve the device performance.

Nokia Software Updater is a PC application that enables you to update your device software. To update your device software, you need a compatible PC, broadband internet access, and a compatible USB data cable to connect your device to the PC.

To get more information, to check the release notes for the latest software versions, and to download the Nokia Software Updater application, see www.nokia.com.cn/softwareupdate or your local Nokia website.

To update the device software, do the following:

1. Download and install the Nokia Software Updater application to your PC.

2. Connect your device to the PC using a USB data cable, and start the Nokia Software Updater application. The Nokia Software Updater application guides you to back up your files, update the software, and restore your files.

Access codes

If you forget any of the access codes, contact your service provider.

- Personal identification number (PIN) code — This code protects your SIM card against unauthorised use. The PIN code (4 to 8 digits) is usually supplied with the SIM card. After three consecutive incorrect PIN code entries, the code is blocked, and you need the PUK code to unblock it.
- UPIN code — This code may be supplied with the USIM card. The USIM card is an enhanced version of the SIM card and is supported by UMTS mobile phones.
- PIN2 code — This code (4 to 8 digits) is supplied with some SIM cards, and is required to access some functions in your device.
- Lock code (also known as security code) — The lock code helps you to protect your device against unauthorised use. The preset code is 12345. You can create and change the code, and set the device to request the code. Keep the new code secret and in a safe place separate from your device. If you forget the code and your device is locked, your device will require service and additional charges may apply. For more information, contact a Nokia Care point or your device dealer.
- Personal Unblocking Key (PUK) code and PUK2 code — These codes (8 digits) are required to change a blocked PIN code or PIN2 code, respectively. If the codes are not supplied with the SIM card, contact the operator whose SIM card is in your device.

- UPUK code — This code (8 digits) is required to change a blocked UPIN code. If the code is not supplied with the USIM card, contact the operator whose USIM card is in your device.

Remote lock

To prevent unauthorised use of your device, you can lock your device and memory card remotely using a text message. You must define the message text, and to lock your device, send that text message to your device. To unlock your device, you need the lock code.

To enable remote locking and to define the text message content to be used, select **Menu > Ctrl. panel and Phone > Phone mgmt. > Security > Phone and SIM card > Remote phone locking > Enabled**. Enter the text message content (5 to 20 characters), verify it, and enter the lock code.

Prolong battery life

Many features in your device increase the demand on battery power and reduce the battery lifetime. To save battery power, note the following:

- Features that use Bluetooth technology, or allowing such features to run in the background while using other features, increase the demand on battery power. Deactivate Bluetooth technology when you do not need it.
- If you have set **Packet data connection** to **When available** in connection settings, and there is no packet data coverage (GPRS), the device periodically tries to establish a packet data connection. To prolong the

operating time of your device, select **Packet data connection > When needed**.

- The Maps application downloads new map information when you scroll to new areas on the map, which increases the demand on battery power. You can prevent the automatic download of new maps.
- If the signal strength of the cellular network varies much in your area, your device must scan for the available network repeatedly. This increases the demand on battery power.

If the network mode is set to dual mode in the network settings, the device searches for the UMTS network. You can set the device to use only the GSM network. To use only the GSM network, select **Menu > Ctrl. panel > Settings and Phone > Network > Network mode > GSM**.

- The backlight of the display increases the demand on battery power. In the display settings, you can change the length of the time-out period after which the backlight is switched off, and adjust the light sensor that observes lighting conditions and adjusts the display brightness. Select **Menu > Ctrl. panel > Settings and General > Personalisation > Display and Light time-out or Brightness**.
- Leaving applications running in the background increases the demand on battery power. To close the applications you are not using, press and hold the menu key, scroll to the application, and press the backspace key.
- To save power, activate the power save mode. Press the power key, and select **Activate power saving**. To deactivate it, press the power key, and select **Deactivate power saving**. You may not be able to change the settings



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of certain applications when the power save mode is turned on.

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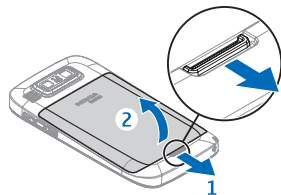


2. Get started

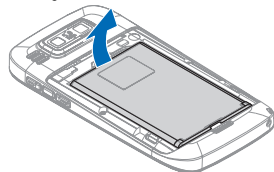
Insert the SIM card and battery

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

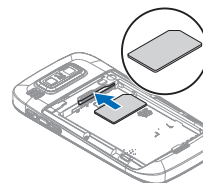
1. Remove the back cover.



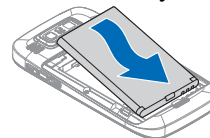
2. Remove the battery, if inserted.



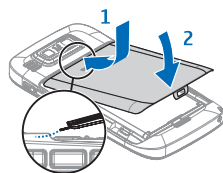
3. Pull out the SIM card holder, and insert the SIM card. Ensure that the contact area on the card is facing down and that the bevelled corner on the card is facing the bevelled corner on the holder. Push the SIM card holder back in.



4. Align the battery contacts with the battery compartment connectors, and insert the battery.



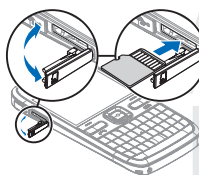
5. Replace the back cover.



Insert the memory card

A memory card may already be inserted in the device. If not, do the following:

1. Insert a compatible memory card in the slot. Ensure that the contact area on the card is facing down and towards the slot.
2. Push the card in. You can hear a click when the card locks into place.



Remove the memory card

★ Important: Do not remove the memory card during an operation when the card is being accessed. Doing so may damage the memory card and the device, and corrupt data stored on the card.

1. Before you remove the memory card, press the power key, and select **Remove memory card**. All applications are closed.
2. When **Removing memory card will close all open applications. Remove anyway?** is displayed, select **Yes**.
3. **Remove memory card and press 'OK'** is displayed.
4. Press the memory card to release it from the slot.
5. Pull out the memory card, and close the memory card slot cover. If the device is switched on, select **OK**.

Antenna locations

Your device may have internal and external antennas. Avoid touching the antenna area unnecessarily while the antenna is transmitting or receiving. Contact with antennas affects the communication quality and may cause a higher power level during operation and may reduce the battery life.



Switch the device on and off

To switch on the device:

1. Press and hold the power key.
2. If the device asks for a PIN code or lock code, enter it, and select **OK**. The preset lock code is **12345**. If you forget the code and your device is locked, your device will require service and additional charges may apply. For more information, contact a Nokia Care point or your device dealer.



To switch off the device, press the power key briefly, and select **Switch off!**.

Charge the battery

Your battery has been partially charged at the factory. If the device indicates a low charge, do the following:

1. Connect the charger to a wall outlet.
2. Connect the charger plug to the device.



3. When the device indicates a full charge, disconnect the charger from the device, then from the wall outlet.

You do not need to charge the battery for a specific length of time, and you can use the device while it is charging. 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.

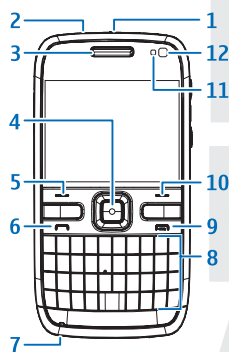
Charging with the USB data cable

Charging with the USB data cable is slower than charging with the charger. Charging with the USB data cable may not work if you use a USB hub. USB hubs may be incompatible for charging a USB device.

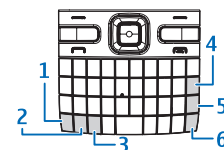
When the USB data cable is connected, you can transfer data at the same time as charging.

1. Connect a compatible USB device to your device using a compatible USB data cable.
Depending on the type of the device that is used for charging, it may take a while for charging to start.
2. If the device is switched on, select from the available USB modes.

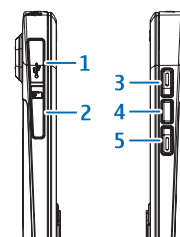
Keys and parts



- 1 — Power key
- 2 — Headset connector
- 3 — Earpiece
- 4 — Optical Navi™ key (scroll key)
- 5 — Selection key
- 6 — Call key
- 7 — Microphone
- 8 — Keypad
- 9 — End key
- 10 — Selection key
- 11 — Light sensor
- 12 — Secondary camera



- 1 — Function key
- 2 — Shift key
- 3 — Sym key
- 4 — Backspace key
- 5 — Enter key
- 6 — Control key



- 1 — Micro USB connector
- 2 — Memory card slot
- 3 — Volume up key
- 4 — Voice key
- 5 — Volume down key

During extended operation such as an active video call and high speed data connection, the device may feel warm. In most cases, this condition is normal. If you suspect the device

is not working properly, take it to the nearest authorised service facility.

Headset

You can connect a compatible headset or compatible headphones to your device. You may need to select the cable mode.

To make handsfree phone calls, use a headset with a compatible remote control unit, or use the microphone on the device.



Screen saver clock

When the screen saver of your device is activated (the display is black), press the scroll key to see the time and date.

Write text

The input methods provided in the device may vary according to different sales markets.

Keyboard


Your device has a full keyboard. You can find the most common punctuation marks from the keyboard.


Alternatively, you can enter the punctuation marks by using some key combinations.

To insert characters printed at the top of keys, press the function key and the corresponding key.


To insert numbers, press the function key and the number key. To lock the function key and insert only numbers, press the function key twice.

To erase characters, press .


To enter special characters, press , and select a character.

To switch between character cases, press . **Abc ABC** and **abc** indicate the selected case.

Copy and paste text

1. To select letters and words, press and hold . At the same time, scroll in the direction necessary to highlight the word, phrase, or line of text you want to copy. As the selection moves, the text is highlighted.
2. To copy the text to the clipboard, select **Options** > **Editing options** > **Copy**.
3. To paste the text to your document, select **Options** > **Editing options** > **Paste**.

Change the writing language

When you write text, you can change the writing language. Select **Options** > **Input options** > **Writing language**, and the writing language that you want. When you are writing text, press the function key and press and hold the  key and another key as many times as needed to input a special

character. Changing the writing language allows you to access different characters.

For example, if you are writing text in Chinese and want to use Latin characters to add a name, select **Options** > **Input options** > **Writing language**, and the writing language that allows you to use Latin characters.

Switch input methods

To switch input methods, press and hold $\text{Ctrl} + \text{Fn}$ + the function key, and press the Fn key repeatedly at the same time, until the symbol for the desired input method is shown on the display, or press $\text{Ctrl} + \text{Fn}$ and Fn to select a different input method.

Transfer content

You can use the Switch application to copy content such as phone numbers, addresses, calendar items, and images from your previous Nokia device to your device.

The type of content that can be transferred depends on the model of the device from which you want to transfer content. If that device supports synchronisation, you can also synchronise data between the devices. Your device notifies you if the other device is not compatible.

If the other device cannot be switched on without a SIM card, you can insert your SIM card in it. When your device is switched on without a SIM card, the Offline profile is automatically activated, and transfer can be done.

Transfer content for the first time

1. To retrieve data from the other device for the first time, on your device, select **Phone switch** in the Welcome application, or select **Menu** > **Ctrl. panel** > **Switch**.

2. Select the connection type you want to use to transfer the data. Both devices must support the selected connection type.

3. If you select Bluetooth connectivity as the connection type, connect the two devices. To have your device search for devices with Bluetooth connectivity, select **Continue**. Select the device from which you want to transfer content. You are asked to enter a code on your device. Enter a code (1-16 digits), and select **OK**. Enter the same code on the other device, and select **OK**. The devices are now paired.

Some earlier Nokia devices may not have the Switch application. In this case, the Switch application is sent to the other device as a message. To install the Switch application on the other device, open the message, and follow the instructions on the display.

4. On your device, select the content you want to transfer from the other device.

When the transfer has started, you can cancel it and continue later.

Content is transferred from the memory of the other device to the corresponding location in your device. The transfer time depends on the amount of data to be transferred.

Profiles

Select **Menu** > **Ctrl. panel** and **Personal** > **Profiles**.

You can use profiles to set and customise the ringing tones, message alert tones, and other tones for different events, environments, or caller groups. The name of the selected profile is displayed at the top of the home screen. If the General profile is in use, only the date is displayed.



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To change a profile, scroll to the profile, and select **Options** > **Activate**.

To personalise a profile, scroll to the profile, and select **Options** > **Personalise**. Select the setting you want to change.

To set the profile to be active until a certain time within the next 24 hours, scroll to the profile, select **Options** > **Timed**, and set the time. When the time expires, the profile changes back to the previously active non-timed profile. When the profile is timed, ⌚ is displayed in the home screen. The Offline profile cannot be timed.

To create a new profile, select **Options** > **Create new**.

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3. Your Nokia E72

Your new Nokia Eseries device contains new versions of the Calendar, Contacts, and E-mail applications, as well as a new home screen.

Key features

Your new Nokia E72 helps you manage your business and personal information. Some of the key features are highlighted here:



Read and reply to your e-mail while on the move.



Stay up-to-date and plan your meetings with the Calendar application.



Manage your business partners and free time friends with the Contacts application.



Use the IM wizard to set up instant messaging and internet call accounts.



Work with documents, spreadsheets, and presentations with the Quickoffice application.



Find points of interest with the Maps application.



Switch from business to personal mode.



Edit the appearance and setup of your home screen with the Modes application.



Browse your company intranet with the Intranet application.



Move your contact and calendar information from a previous device to your Nokia E72 with the Switch application.



Check the available updates for applications and download them to your device with the Software update application.




Encrypt your device or memory card to prevent outsiders from accessing your important information.



Home screen

Home screen

In the home screen, you can quickly access your most frequently used applications, and view at a glance if you have missed calls or new messages.


Whenever you see the  icon, scroll right to access a list of available actions. To close the list, scroll left.

The home screen consists of the following:

1. Application shortcuts. To access an application, select the shortcut of the application.
2. Information area. To check an item displayed in the information area, select the item.
3. Notification area. To view the notifications, scroll to a box. A box is only visible if there are items in it.



You can define two separate home screens for different purposes, for example, one screen to show your business e-mail and notifications, and another to show your personal e-mail. This way, you do not have to see business-related messages outside office hours.

To switch between the home screens, select .

To define which items and shortcuts you want in the home screen, and to set the appearance of the home screen, select **Menu** > **Ctrl. panel** and **Modes**.

Work on the home screen

To search for contacts in the home screen, start entering the contact's name. Select the desired contact from the list of proposed matches. This feature may not be available in all languages.

To call the contact, press the call key.

To disable the contact search, select **Options** > **Contact search off**.

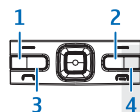
To check your received messages, select the message box in the notification area. To read a message, select the message. To access other tasks, scroll right.

To view your missed calls, select the calls box in the notification area. To return a call, select a call, and press the call key. To send a text message to a caller, select a call, scroll right, and select **Send text msg.** from the list of available actions.

To listen to your voice mail, select the voice mail box in the notification area. Select the desired voice mailbox, and press the call key.

One-touch keys

With the One-touch keys, you can access applications and tasks quickly. Each key has been assigned an application or a task. To change these, select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Personalisation** > **One-touch keys**. Your service provider may have assigned applications to the keys, in which case you cannot change them.



- 1 — Home key
- 2 — Contacts key
- 3 — Calendar key
- 4 — E-mail key

Home key

To access the home screen, press the home key briefly. Press the home key briefly again to access the menu.

To view the list of active applications, press the home key for a few seconds. When the list is open, press the home key briefly to scroll the list. To open the selected application, press the home key for a few seconds, or press the scroll key. To close the selected application, press the backspace key.

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

Contacts key

To open the Contacts application, press the contacts key briefly.

To create a new contact, press the contacts key for a few seconds.

Calendar key

To open the Calendar application, press the calendar key briefly.

To create a new meeting entry, press the calendar key for a few seconds.

E-mail key

To open your default mailbox, press the e-mail key briefly.

To create a new e-mail message, press the e-mail key for a few seconds.

Optical Navi key

To browse and navigate web pages and maps, and to scroll through lists, slide your finger on the Optical Navi key (scroll key).

To scroll through a list, one item at a time, slide your finger slowly on the scroll key. To scroll through a list, many items at a time, or to move around on the display, slide your finger quickly on the scroll key.

Capture images

To autofocus in camera, touch the scroll key with your finger. To capture images, press the scroll key.



Turn to silence calls or alarms

When you activate the sensors in your device, you can silence incoming calls or snooze alarms by turning the device face down.

Select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Sensor settings** > **Turning control**.

Calendar

Select **Menu** > **Calendar**.

About Calendar

Select **Menu** > **Calendar**.

With calendar, you can create and view scheduled events and appointments, and switch between different calendar views.

In the month view, calendar entries are marked with a triangle. Anniversary entries are also marked with an exclamation mark. The entries of the selected day are displayed as a list.

To open calendar entries, select a calendar view and an entry.

Whenever you see the ► icon, scroll right to access a list of available actions. To close the list, scroll left.

Create calendar entries

Select **Menu** > **Calendar**.

You can create the following types of calendar entries:

- Meeting entries remind you of events that have a specific date and time.
- Meeting requests are invitations that you can send to the participants. Before you can create meeting requests you must have a compatible mailbox configured to your device.
- Memo entries are related to the whole day but not to a specific time of the day.
- Anniversary entries remind you of birthdays and special dates. They refer to a certain day but not a specific time of the day. Anniversary entries are repeated every year.
- To-do entries remind you of a task that has a due date but not a specific time of the day.

To create a calendar entry, select a date, **Options** > **New entry**, and the entry type.

To set the priority for meeting entries, select **Options** > **Priority**.

To define how the entry is handled during synchronisation, select **Private** to hide the entry from viewers if the calendar is available online, **Public** to make the entry visible to viewers, or **None** to not copy the entry to your computer.

To send the entry to a compatible device, select **Options** > **Send**.

To make a meeting request of a meeting entry, select **Options** > **Add participants**.

Create meeting requests

Select **Menu** > **Calendar**.

Before you can create meeting requests, you must have a compatible mailbox configured for your device.

To create a meeting entry:

1. To create a meeting entry, select a day and **Options** > **New entry** > **Meeting request**.
2. Enter the names of the required participants. To add names from your contacts list, enter the first few characters, and select from the proposed matches. To add optional participants, select **Options** > **Add participants**.
3. Enter the subject.
4. Enter the start and end times and dates, or select **All-day event**.
5. Enter the location.
6. Set an alarm for the entry, if needed.
7. For a recurring meeting, set the recurrence time, and enter the end date.
8. Enter a description.

To set the priority for the meeting request, select **Options** > **Priority**.

To send the meeting request, select **Options** > **Send**.


Calendar views

Select **Menu** > **Calendar**.


You can switch between the following views:

- Month view shows the current month and the calendar entries of the selected day in a list.

- Week view shows the events for the selected week in seven day boxes.
- Day view shows the events for the selected day grouped into time slots according to their starting time.
- To-do view shows all to-do items.
- Agenda view shows the events for the selected day in a list.

 **Tip:** To switch between views, press *.

To change the view, select **Options** > **Change view** and the desired view.

 **Tip:** To open the week view, select the week number.

To move to the next or the previous day in month, week, day, and agenda view, select the desired day.

To change the default view, select **Options** > **Settings** > **Default view**.

Lunar calendar

Select **Menu** > **Calendar**.

To use the Lunar calendar function, the device language must be set to Chinese.

To view detailed Lunar calendar information of the currently highlighted date, select **Options** > **View lunar data**, and turn the Lunar calendar on.

When you go back to the calendar views, Lunar information is displayed in the control bar. To view more detailed Lunar information in a pop-up window, select **Options** > **View**

lunar data. This option is displayed only when the Lunar calendar is turned on.

Contacts

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

About Contacts

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

With Contacts, you can save and update contact information, such as phone numbers, home addresses, and e-mail addresses of your contacts. You can add a personal ringing tone or a thumbnail image to a contact. You can also create contact groups, which allow you to communicate with several contacts at the same time, and send contact information to compatible devices.

Whenever you see the ► icon, scroll right to access a list of available actions. To close the list, scroll left.

Work with contacts

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

To create a contact, select **Options** > **New contact**, and enter the details of the contact.

To copy the details of a contact from the memory card, if available, select **Options** > **Create backup** > **Mem. card to phone**.

To search for contacts, start entering the contact's name in the search field.

Create contact groups

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

1. To create a contact group, scroll to each contact you want to add to the group, and select **Options** > **Mark/Unmark** > **Mark**.
2. Select **Options** > **Group** > **Add to group** > **Create new group**, and enter a name for the group.

If you want to make conference calls to the group using a conference service, define the following:

- **Conf. service number** — Enter the conference call service number.
- **Conf. service ID** — Enter the conference call ID.
- **Conf. service PIN** — Enter the conference call PIN code.

To make a conference call to the group using the conference service, select the group, scroll right, and select **Call conf. service**.

Search for contacts in a remote database

To activate remote contact search, select **Options** > **Settings** > **Contacts** > **Search from remote**. To search for contacts in a remote database, select **Contacts** > **Options** > **Search from remote**. Enter the name of the contact you want to search for, and select **Search**. The device establishes a data connection to the remote database.

To search for contacts in the home screen, start entering letters or digits in the home screen, and select the database from the proposed matches.

To change the remote contacts database, select **Options** > **Settings** > **Contacts** > **Remote search server**. This setting affects the database used in the Contacts and Calendar applications and the home screen, but not the database that is used for e-mail.

Add ringing tones for contacts

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

To add a ringing tone for a contact, select the contact, **Options** > **Ringing tone**, and a ringing tone. The ringing tone sounds when the contact calls you.

To add a ringing tone for a contact group, select the contact group, **Options** > **Group** > **Ringing tone**, and a ringing tone.

To remove the ringing tone, select **Default tone** from the list of ringing tones.

Change Contacts settings

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


To change the settings of the Contacts application, select **Options** > **Settings** and from the following:

- **Contacts to display** — Select the memories from where contacts are displayed.
- **Default saving memory** — Select the default memory to save contacts.
- **Name display** — Change the way the contacts' names are displayed.
- **Default contact list** — Select which contacts directory opens when you open the Contacts application.

- **Remote search server** — Change the remote contacts database. This option is available only if remote contacts database is supported by your service provider.


Multitasking


You can have several applications open at the same time. To switch between active applications, press and hold the home key, scroll to an application, and press the scroll key. To close the selected application, press the backspace key.

You can have several applications open at the same time. To switch between active applications, press and hold , scroll to an application, and press the scroll key. To close the selected application, press the backspace key.

Example: When you have an active phone call and want to check your calendar, press the home key to access the menu, and open the Calendar application. The phone call remains active in the background.


Example: When you are writing a message and want to check a web site, press the home key to access the menu, and open the Web application. Select a bookmark or enter the web address manually, and select **Go to**. To return to your message, press and hold the home key, scroll to the message and press the scroll key.

Example: When you have an active phone call and want to check your calendar, press  to access the menu, and open the Calendar application. The phone call remains active in the background.

Example: When you are writing a message and want to check a web site, press  to access the menu, and open the Web application. Select a bookmark or enter



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the web address manually, and select **Go to**. To return to your message, press and hold , scroll to the message and press the scroll key.

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4. Make calls

For more information on different call types, options during calls, speed dialling, voice dialling, call waiting, and log, see the extended user guide on the product support pages of the Nokia website.

Calls

1. In the standby mode, enter the phone number, including the area code. To remove a number, press **C**.
For international calls, press * twice for the + character (which replaces the international access code), and enter the country code, area code (omit the leading zero if necessary), and phone number.
2. To make the call, press the call key.
3. To end the call (or to cancel the call attempt), press the end key.
Pressing the end key always ends a call, even if another application is active.

To make a call from Contacts, select **Menu** > **Contacts**. Scroll to the desired name, or enter the first letters of the name to the search field. To call the contact, press the call key. If you have saved several numbers for a contact, select the desired number from the list, and press the call key.




5. Contacts (phonebook)

To open Contacts, select **Menu** > **Contacts**.

You can save and update contact information, such as phone numbers, home addresses, or e-mail addresses of your contacts. You can add a personal ringing tone or a thumbnail image to a contact. You can also create contact groups, which allow you to send text messages or e-mail to many recipients at the same time.

Save and edit names and numbers

1. Press , and select **Contacts** > **Options** > **New contact**.
2. Fill in the fields that you want, and select **Done**.

To edit a contact card, select it, and **Options** > **Edit**. You can also search for the desired contact by entering the first letters of the name to the search field.

To attach an image to a contact card, open the contact card, and select **Options** > **Add image**. The image is shown when the contact calls.

Contact cards

Select **Menu** > **Contacts** and a contact. All available communication methods for the selected contact are displayed in the contact cards view.

Select a contact from the list, the desired communication method, **Options**, and from the following:

- **Edit** — Edit, add, or delete the contact card fields.
- **Defaults** — Define the numbers and addresses to use by default when you communicate with the contact, if a contact has more than one number or address defined.
- **Voice tag details** — View the voice tag details, or listen to the voice tag for the contact.

The available options and communication methods may vary.

6. Messaging

Select **Menu** > **Messaging**.

In Messaging (network service), you can send and receive text messages, multimedia messages, audio messages, and e-mail messages. You can also receive web service messages, cell broadcast messages, and special messages containing data, and send service commands.

Before sending or receiving messages, you may need to do the following:

- Insert a valid SIM card in the device and be located in the service area of a cellular network.
- Verify that the network supports the messaging features you want to use and that they are activated on your SIM card.
- Define the internet access point settings on the device.
- Define the e-mail account settings on the device.
- Define the text message settings on the device.
- Define the multimedia message settings on the device.

The device may recognise the SIM card provider and automatically configure some of the message settings. If not, you may need to define the settings manually; or contact your service provider to configure the settings.

Nokia Messaging

The Nokia Messaging service automatically pushes e-mail from your existing e-mail address to your Nokia E72. You can read, respond to, and organise your e-mails on the go. The Nokia Messaging service works with a number of internet e-mail providers that are often used for personal e-mail, such as Google e-mail services.

The Nokia Messaging service must be supported by your network and may not be available in all regions.

Install the Nokia Messaging application

1. Select **Menu** > **Email** > **New**.
2. Read the information on the display, and select **Start**.
3. Select **Connect** to allow your device to access the network.
4. Enter your e-mail address and password.

The Nokia Messaging service can run on your device even if you have installed other e-mail applications, such as Mail for Exchange.

E-mail

Set up your e-mail

With the Nokia e-mail wizard, you can set up your corporate e-mail account, such as Microsoft Outlook, Mail for Exchange, or Intellisync, and your internet e-mail account.

When setting up your corporate e-mail, you may be prompted for the name of the server associated with your e-mail address. Ask your company IT department for details.

1. To start the wizard, go to the home screen, scroll to the e-mail wizard, and press the scroll key.
2. Enter your e-mail address and password. If the wizard is not able to configure your e-mail settings automatically, you need to select your e-mail account type and enter the related account settings.

If your device contains any additional e-mail clients, those are offered to you when you start the e-mail wizard.

Send e-mail


Select **Menu** > **Messaging**.

1. Select your mailbox and **Options** > **Create email**.
2. In the To field, enter the recipient's e-mail address. If the recipient's e-mail address can be found in Contacts, start entering the recipient's name, and select the recipient from the proposed matches. If you add several recipients, insert ; to separate the e-mail addresses. Use the Cc field to send a copy to other recipients, or the Bcc field to send a blind copy to recipients. If the Bcc field is not visible, select **Options** > **More** > **Show Bcc field**.
3. In the Subject field, enter the subject of the e-mail.

4. Enter your message in the text area.
5. Select **Options** and from the following:
 - **Add attachment** — Add an attachment to the message.
 - **Priority** — Set the priority of the message.
 - **Flag** — Flag the message for follow-up.
 - **Insert template** — Insert text from a template.
 - **Add recipient** — Add recipients to the message from Contacts.
 - **Editing options** — Cut, copy, or paste the selected text.
 - **Input options** — Activate or deactivate predictive text input, or select the writing language.
6. Select **Options** > **Send**.

Read e-mail

Select **Menu** > **Messaging**.

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


To read a received e-mail message, select the mailbox, and select the message from the list.

To reply to the message sender, select **Options** > **Reply**. To reply to the sender and all other recipients, select **Options** > **Reply to all**.

To forward the message, select **Options** > **Forward**.

Write and send messages

Select **Menu** > **Messaging**.


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


Before you can create a multimedia message or write an e-mail, you must have the correct connection settings in place.

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.

Check the size limit of e-mail messages with your service provider. If you attempt to send an e-mail message that exceeds the size limit of the e-mail server, the message is left in the Outbox folder, and the device attempts to resend it periodically. Sending an e-mail requires a data connection, and continuous attempts to resend the e-mail may increase your phone bill. In the Outbox folder, you can delete such a message, or move it to the Drafts folder.

1. Select **New message** > **Message** to send a text or multimedia message (MMS), **Audio message** to send a multimedia message that includes one sound clip, or **E-mail** to send an e-mail message.
2. In the To field, press the scroll key to select recipients or groups from the contacts list, or enter the recipient's phone number or e-mail address. To add a semicolon (;) that separates the recipients, press *. You can also copy and paste the number or address from the clipboard.

3. In the subject field, enter the subject of the e-mail. To change the fields that are visible, select **Options** > **Message header fields**.
4. In the message field, write the message. To insert a template or note, select **Options** > **Insert content** > **Insert text** > **Template** or **Note**.
5. To add a media file to a multimedia message, select **Options** > **Insert content**, the file type or source, and the desired file. To insert a business card, slide, note, or some other file to the message, select **Options** > **Insert content** > **Insert other**.
6. To capture an image or record a video or sound clip for a multimedia message, select **Options** > **Insert content** > **Insert image** > **New**, **Insert video clip** > **New**, or **Insert sound clip** > **New**.
7. To add an attachment to an e-mail, select **Options** and the attachment type. E-mail attachments are indicated by .
8. To send the message, select **Options** > **Send**, or press the call key.

 **Note:** The message sent icon or text on your device screen does not indicate that the message is received at the intended destination.

Your device supports 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, other marks, or some language options take more space, and limit the number of characters that can be sent in a single message.

You may not be able to send video clips that are saved in the MP4 file format or that exceed the size limit of the wireless network in a multimedia message.

Text message filter

You can classify received text messages by defining different rules. Each rule can be used to sort a certain range of text messages by identifying keywords or sender's numbers. All sorted text messages are saved in the folder defined in the rule settings.

Multimedia messages cannot be sorted.

Select **Menu** > **Messaging** and **Options** > **Settings** > **Text message filter**.

Junk is a default rule stored on your device and cannot be deleted, moved, or renamed. Text messages sorted by the Junk rule are saved in the Junk folder. To edit the Junk rule settings, select **Junk** > **Options** > **Edit** and from the following:

- **Notification** — Define how to remind yourself of the text messages being sorted. Select **None**, **Icon**, or **Icon and alert tone**.
- **Move to Junk** — Set the rule. Select **From unknown nos.** or **By blacklist & keywds..**
- **Blacklist** — Manage the phone numbers to which you want to apply the Junk rule.
- **Keywords** — Define or delete keywords. Text messages containing these keywords are sorted.

To create a new rule, select **Options** > **New rule** and from the following:

- **Rule's name** — Name the rule.

- **Notification** — Define how to remind yourself of the text message being sorted.
- **Save to folder** — Define where to save the sorted text messages. My folder is used by default. To save the sorted text messages in another folder, select **New subfolder**, and enter the folder name.
- **Sender list** — Manage the phone numbers whose text messages you want to sort into a specific folder.
- **Keywords** — Define or delete keywords for a rule.

When a new rule is created, it is activated automatically. To deactivate a selected rule, select **Options** > **Deactivate**. To change the settings of a selected rule, select **Options** > **Edit**.

A received text message is sorted by the active rules in the text message sorting list sequentially. If the sender's phone number or any words in the text message correspond to the settings of a rule, the text message is saved in the folder you defined for this rule. After a text message has been sorted by a certain rule, further rules do not apply to the text message. To change the order of rules and move a selected rule, select **Options** > **Move**.

To sort text messages that are already in the Inbox folder, go to the rule, and select **Options** > **Apply to Inbox**.

7. Connectivity

At Nokia, we understand how important it is that your mobile phone or device operates reliably and that your personal content is saved safely.

Any information from an unknown or unreliable source, via Bluetooth connectivity, multimedia message, or cable, may harm your PC, mobile phone, or device. You may protect your mobile phone or device from damage and keep it secured by following simple measures:

- Always keep Bluetooth connectivity closed unless you want your phone or device to be visible to others.
- Always be alert when receiving information from an unknown or untrustworthy source.
- Do not download or install any applications that may include software harmful to your phone or device.
- Always download and install applications or content from trusted or well-known sources, such as Nokia Software Market, where good protection is provided against viruses and other harmful software.

Your device offers several options to connect to the internet or to another compatible device or PC.

Bluetooth connectivity



About Bluetooth connectivity

With Bluetooth connectivity, you can make a wireless connection to other compatible devices, such as mobile phones, computers, headsets, and car kits.

You can use the connection to send images, video clips, music and sound clips, and notes, transfer files from your compatible PC, and print images with a compatible printer.

Since devices with Bluetooth wireless technology communicate using radio waves, they do not need to be in direct line-of-sight. However, they must be within 10 metres (33 feet) of each other, although the connection may be subject to interference from obstructions such as walls or from other electronic devices.

This device is compliant with Bluetooth Specification 2.0 + EDR supporting the following profiles: Advanced Audio Distribution, Audio Video Remote Control, Basic Imaging, Basic Printing, Dial-up Networking, File Transfer, Generic Access, Hands-free, Headset, Human Interface Device, Local Positioning, Object Push, Phone Book Access, SIM Access, Serial Port, Video Distribution. To ensure interoperability between other devices supporting Bluetooth technology, use

Nokia approved accessories for this model. Check with the manufacturers of other devices to determine their compatibility with this device.

Features using Bluetooth technology increase the demand on battery power and reduce the battery life.

When the device is locked, only connections to authorised devices are possible.

Settings

Press , and select **Tools** > **Bluetooth**.

When you open the application for the first time, you are asked to define a name for your device. You can change the name later on.

Select from the following:

- **Bluetooth** — To make a wireless connection to another compatible device, first set Bluetooth connectivity **On**, then establish a connection. To switch off Bluetooth connectivity, select **Off**.
- **My phone's visibility** — To allow your device to be found by other devices with Bluetooth wireless technology, select **Shown to all**. To set a time after which the visibility is set from shown to hidden, select **Define period**. To hide your device from other devices, select **Hidden**.
- **My phone's name** — Edit the name shown to other devices with Bluetooth wireless technology.

Send data using Bluetooth connectivity

Several Bluetooth connections can be active at a time. For example, if you are connected to a compatible headset, you can also transfer files to another compatible device at the same time.

1. Open the application where the item you want to send is stored.
2. Scroll to an item, and select **Options** > **Send** > **Via Bluetooth**.

Devices with Bluetooth wireless technology that are within range are displayed. Device icons are as follows:



computer



phone



audio or video device



other device

To interrupt the search, select **Stop**.

3. Select the device with which you want to connect.
4. If the other device requires pairing before data can be transmitted, a tone sounds, and you are asked to enter a passcode. The same passcode must be entered in both devices.



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When the connection is established, **Sending data** is displayed.

+ **Tip:** When searching for devices, some devices may show only the unique address (device address). To find the unique address of your device, enter ***#2820#**.

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8. Internet

The XHTML browser in this device supports the Unicode encoding format.


If the web page is unreadable or not supported and garbage code is found while browsing, you can try to select **Internet > Options > Settings > Page > Default encoding**, and select a corresponding encoding.


To browse the web, you need to have an internet access point configured in your device. Using the web browser requires network support.

For more information on the web browser, see the extended user guide on the product support pages of the Nokia website.

Browse the web

Select **Menu > Internet > Web**.


 **Shortcut:** To start the browser, press and hold **0** in the home screen.

To browse the web, in the bookmarks view, select a bookmark, or start to enter a web address (the  field opens automatically), and select **Go to**.

Some web pages may contain material, such as graphics and sounds, that requires a large amount of memory to view. If your device runs out of memory while loading such a web page, the graphics on the page are not shown.

To browse web pages with graphics disabled, to save memory and increase the page loading speed, select **Options > Settings > Page > Load content > Text only**.

To enter a web address, select **Options > Go to > New web page**.

 **Tip:** While browsing, to visit a web page saved as a bookmark in the bookmarks view, press **1**, and select a bookmark.

To refresh the content of the web page, select **Options > Web page options > Reload**.

To save the current web page as a bookmark, select **Options > Web page options > Save as bookmark**.

To view snapshots of the web pages you have visited during the current browsing session, select **Back** (available if **History list** is activated in the browser settings and the current web page is not the first web page you visit).

To prevent or allow the automatic opening of multiple windows, select **Options > Web page options > Block pop-ups** or **Allow pop-ups**.

To view the shortcut key map, select **Options > Keypad shortcuts**. To edit the shortcut keys, select **Edit**.



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+ **Tip:** To minimise the browser without exiting the application or connection, press the end key once. To end the connection, press and hold the end key.

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9. Nokia Office Tools

Nokia Office Tools support mobile business and enable effective communication with work teams.

Active notes

Select **Menu** > **Office** > **Active notes**.

Active notes allows you to create, edit, and view different kinds of notes, for example, meeting memos, hobby notes, or shopping lists. You can insert images, videos, and sound in the notes. You can link notes to other applications, such as Contacts, and send notes to others.

Calculator

Select **Menu** > **Office** > **Calculator**.

This calculator has limited accuracy and is designed for simple calculations.

To make a calculation, enter the first number of the calculation. Select a function such as add or subtract from the function map. Enter the second number of the calculation, and select =. The calculator performs operations in the order they are entered. The result of the calculation remains in the editor field and can be used as the first number of a new calculation.

The device saves the result of the last calculation in its memory. Exiting the Calculator application or switching off the device does not clear the memory. To recall the last saved result the next time you open the Calculator application, select **Options** > **Last result**.

To save the numbers or results of a calculation, select **Options** > **Memory** > **Save**.

To retrieve the results of a calculation from the memory and use them in a calculation, select **Options** > **Memory** > **Recall**.

File manager

About File manager

Select **Menu** > **Office** > **File mgr.**

With File manager, you can browse, manage, and open files.

The available options may vary.

To map or delete drives, or to define settings for a compatible remote drive connected to your device, select **Options** > **Remote drives**.

Quickoffice

About Quickoffice

Select **Menu** > **Office** > **Quickoffice**.

Quickoffice consists of Quickword for viewing Microsoft Word documents, Quicksheet for viewing Microsoft Excel worksheets, Quickpoint for Microsoft PowerPoint presentations, and Quickmanager for purchasing software. You can view Microsoft Office 2000, XP, 2003, and 2007 documents (DOC, XLS, and PPT file formats) with Quickoffice. If you have the editor version of Quickoffice, you can also edit files.

Not all file formats or features are supported.

Converter

Select **Menu** > **Office** > **Converter**.

The converter has limited accuracy, and rounding errors may occur.

Zip manager

Select **Menu** > **Office** > **Zip**.

With Zip manager, you can create new archive files to store compressed ZIP formatted files; add single or multiple compressed files or directories to an archive; set, clear, or change the archive password for protected archives; and change settings, such as compression level, and file name encoding.

You can save the archive files in the device memory or on a memory card.

PDF reader

Select **Menu** > **Office** > **Adobe PDF**.

With PDF reader, you can read PDF documents on the display of your device; search for text in the documents; modify settings, such as zoom level and page views; and send PDF files using e-mail.

Printing

You can print documents, such as files, messages, or web pages, from the device, or print to a file. You can print directly from applications that allow printing. Select a document you want to print and **Options** > **Printing options** > **Print**.

You can print images directly from Gallery. Select an image you want to print and **Options** > **Printing options** > **Print**.

To define printer settings, select **Menu** > **Ctrl. panel** > **Printers**.

Dictionary

Select **Menu** > **Office** > **Dictionary**.

To translate words from one language to another, enter text in the search field. As you enter text, suggestions of words to translate are displayed. To translate a word, select the word from the list.

Select **Options** and from the following:

- **Listen** — Listen to the selected word.
- **History** — Find previously translated words from the current session.
- **Languages** — Change the source or target language.
- **Languages** — Download languages from the internet or remove a language from the dictionary. You cannot remove the English language from the dictionary. You can have two additional languages installed, besides English.
- **Speech** — Edit the voice feature settings. You can adjust the speed and volume of the voice.

Chinese-English bilingual dictionary

To look up a Chinese word for English translation and an English word for Chinese translation, select **Menu > Office > Dictionary**.

Search for words in the dictionary

Select an input method as needed, then enter the Chinese characters or English words you wish to look up.

When you enter text in the inputting window, the device will automatically filter those entries matching to your text from the Bilingual dictionary and show a candidate list in the display. The most matched entry will be highlighted and located at the top of the candidate list.

1. Scroll up or down to highlight your needed entry, when you are moving the highlight bar, the text in the input window stays unchanged.
2. You could use the below methods to select entry:
 - Press the scroll key.
 - Select **Select word** from the option menu.

Your selected entry will be automatically shown in the input window (if this entry is different from your input Chinese characters or English words), and its translation will be shown on the screen to replace the previous candidate entry list. Meanwhile, the cursor will locate in the translation window.

Sometimes, the screen cannot display the whole translation content. Press the up or down scroll key to view the whole content.

Return to the state of looking up in dictionary

If you want to continue to look up the translation of other Chinese characters or English words in dictionary, please implement any of the following options:

- Enter the Chinese characters or English words you want to look up.
- First press the backspace key to empty the contents in the input window, and then enter the Chinese characters or English words you want to look up.
- Press **Back**. The dictionary will return to the state of showing candidates entry list, but the entry in the inputting window is still highlighted. You could directly



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input text or move the cursor by scrolling left or right to edit the text in the input window.

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10. Maps

About Maps

With Maps, you can see your current location on the map, browse maps of different cities and countries, search for places, plan routes from one location to another, save locations, and send them to compatible devices. You can also purchase licences for traffic information and navigation services, if available for your country or region.

When you use Maps for the first time, you may need to select an internet access point for downloading maps.

If you browse to an area which is not covered by maps already downloaded in your device, a map for the area is automatically downloaded through the internet. Some maps may be available in your device or on a memory card. You can also use the Nokia Map Loader PC software to download maps. To install Nokia Map Loader to a compatible PC, see www.nokia.com/maps.

+ **Tip:** To avoid data transfer costs, you can also use Maps without an internet connection, and browse the maps that are saved in your device or memory card.

! **Note:** Downloading content such as maps, satellite images, voice files, guides or traffic information may involve transmission of large amounts of data (network service).

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.

Use Maps with the compass

Select **Menu** > **Applications** > **GPS** > **Maps**.

When the compass in your device is enabled, the circle around the compass is green, and the map view rotates automatically according to the direction to which the top of the device is pointing.

To enable the compass, select **Options** > **Tools** > **Turn compass on**. When the compass is not in use, the circle around the compass is white, and the map view does not rotate automatically.

Calibrate compass

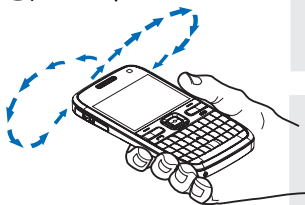
The compass has limited accuracy. Electromagnetic fields, metal objects, or other external circumstances may also affect the accuracy of the compass. The compass should always be properly calibrated.

To calibrate the compass, do the following:



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Rotate the device around all axes in a continuous movement until the calibration indicator changes its colour to green 🟢. If the indicator is yellow 🟡, the accuracy of the compass is low. If the indicator is red 🔴, the compass is not calibrated.



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11. Media

Your device contains a variety of media applications for both business and leisure time use.

Gallery

About Gallery

Select **Menu** > **Media** > **Gallery**.

Gallery is a storage place for your images, video and sound clips, songs, and streaming links.

Share online

About Share online

Select **Menu** > **Media** > **Share online**.

With Share online (network service), you can post your images, video clips, and sound clips from your device to compatible online sharing services, such as albums and blogs. You can also view and send comments to the posts in these services, and download content to your compatible Nokia device.

The supported content types and the availability of the Share online service may vary.

Music player

Select **Menu** > **Media** > **Music player**.

Music player supports file formats such as AAC, AAC+, eAAC+, MP3, and WMA. Music player does not necessarily support all features of a file format or all the variations of file formats.

You can also use Music player to listen to podcast episodes. Podcasting is a method for delivering audio or video content over the internet using either RSS or Atom technologies for playback on mobile devices and PCs.

FM radio


The FM radio depends on an antenna other than the wireless device antenna. A compatible headset or accessory needs to be attached to the device for the FM radio to function properly.

Select **Menu** > **Media** > **Radio**.

The quality of the radio broadcast depends on the coverage of the radio station in that particular area.

12. Security and data management

Manage the data and software on your device, and take care of the security of the device and its contents.

 **Important:** Your device can only support one antivirus application. Having more than one application with antivirus functionality could affect performance and operation or cause the device to stop functioning.

Lock the device

The lock code protects your device against unauthorised use. The preset code is 12345.

To lock the device, in the home screen, press the power key, and select **Lock phone**.

To unlock your device, select **Unlock**, enter the lock code, and select **OK**.

To change the lock code, select **Menu > Ctrl. panel > Settings and General > Security > Phone and SIM card**. Enter the old code and then the new code twice. The new code can be 4-255 characters long. Both alphabets and digits can be used, and both uppercase and lowercase alphabets are possible.

Keep the new lock code secret and separate from your device.

If you lose the lock code, you must take the device to a Nokia authorised service facility. To unlock the device, the software

must be reloaded, and the data you have saved in the device may be lost.

You can also lock the device remotely by sending a text message to the device. To enable remote locking, and to define the text for the message, select **Menu > Ctrl. panel > Settings and General > Security > Phone and SIM card > Remote phone locking > Enabled**. Enter the remote lock message, and confirm the message. The message must be at least 5 characters long.

Memory card security

Select **Menu > Office > File mgr.**.

You can protect a memory card with a password to prevent unauthorised access. To set a password, select **Options > Memory card password > Set**. The password can be up to 8 characters long and is case-sensitive. The password is stored in your device. You do not need to enter it again while you use the memory card on the same device. If you use the memory card on another device, you are asked for the password. Not all memory cards support password protection.

To remove the memory card password, select **Options > Memory card password > Remove**. When you remove the password, the data on the memory card is not protected against unauthorised use.

To open a locked memory card, select **Options** > **Unlock memory card**. Enter the password.

If you cannot recall the password to unlock a locked memory card, you may reformat the card, in which case the card is unlocked and password removed. Formatting a memory card deletes all data stored on the card.

Encryption

Select **Menu** > **Ctrl. panel** > **Phone** > **Encryption**.

Encrypt your device or memory card to prevent outsiders from accessing your important information.

Encrypt device memory or memory card

To encrypt the device memory, select **Phone memory**.

To encrypt the memory card, select **Memory card** and from the following:

- **Encrypt without saving key** — Encrypt the memory card without saving the encryption key. If you select this option, you cannot use the memory card in other devices, and if you restore factory settings, you cannot decrypt the memory card.
- **Encrypt and save key** — Encrypt the memory card and save the key manually in the default folder. For security, store the key to a safe place outside the device. For example, you can send the key to your computer. Enter a pass phrase for the key and a name for the key file. The pass phrase should be long and complex.

- **Encrypt with restored key** — Encrypt the memory card with a key you have received. Select the key file, and enter the pass phrase.

Decrypt device memory or memory card

Always remember to decrypt the device memory and/or the memory card before updating the device software.

To decrypt the device memory, select **Phone memory**.

To decrypt the memory card without destroying the encryption key, select **Memory card** > **Decrypt**.

To decrypt the memory card and destroy the encryption key, select **Memory card** > **Decrypt and turn off encryption**.

13. Settings

Select **Menu** > **Ctrl. panel** > **Settings**.

You can define and modify various settings of your device. Modifying these settings affects the operation of your device across several applications.

Some settings may be preset for the device or sent to you in a special message by your service provider. You may not be able to change such settings.

Select the setting you want to edit to do the following:

- Switch between two values, such as on or off.
- Select a value from a list.
- Open a text editor to enter a value.
- Open a slider, and scroll left or right to adjust a value.

General settings

Select **Menu** > **Ctrl. panel** > **Settings** and **General**.

Personalisation settings

Select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Personalisation**.

Display settings

To define the level of light that the device needs before switching on the backlight, select **Display** > **Light sensor**.

To change the text size, select **Display** > **Font size**.

To adjust the length of time the display can be left idle before the screen saver is activated, select **Display** > **Power saver time-out**.

To select a welcome note or logo for the display, select **Display** > **Welcome note / logo**. You can either choose the default welcome note, enter your own text, or select an image.

To set how quickly the display dims after the last keypress, select **Display** > **Light time-out**.

Tone settings

Select **Menu** > **Ctrl. panel** > **Settings**.

Select **General** > **Personalisation** > **Tones** and from the following:

- **Ringing tone** — Select a ringing tone from the list, or select **Download sounds** to open a bookmark folder containing a list of bookmarks for downloading tones using the browser. If you have two alternate phone lines in use, you can specify a ringing tone for each line.
- **Say caller's name** — If you select this setting, and someone from your contacts list calls you, the device

- sounds a ringing tone that is a combination of the spoken name of the contact and the selected ringing tone.
- **Ringing type** — Select how you want the ringing tone to alert you.
 - **Ringing volume** — Set the volume level of the ringing tone.
 - **Message alert tone** — Select a tone for received text messages.
 - **E-mail alert tone** — Select a tone for received e-mail messages.
 - **Calendar alarm tone** — Select a tone for calendar alerts.
 - **Clock alarm tone** — Select a tone for clock alarms.
 - **Vibrating alert** — Set the device to vibrate when you receive a call or message.
 - **Keypad tones** — Set the volume level of the keypad tones.
 - **Warning tones** — Turn the warning tones on or off.

Language settings

Select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Personalisation** > **Language**.

- **Phone language** — Set the device language.
- **Writing language** — Select the language used for writing notes and messages.
- **Predictive text** — Activate predictive text input.
- **Input options** — Define the settings for predictive text input.

Scroll key lights

Select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Personalisation** > **Notification lights**.

When you miss a call or receive a message, the scroll key starts blinking to indicate the event. To select of which events

you want to be notified or to set the blinking time, select **Notification light**.

When you do not use the device for a certain period of time, the scroll key starts blinking slowly as if it was breathing. To turn the breathing effect on or off, select **Breathing light**.

Settings for One-touch keys

Select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Personalisation** > **One-touch keys**.

To select which application and task is opened when you press a One-touch key, select the key and **Options** > **Open**.

To restore the preset applications and tasks, select **Restore defaults**.

Date and time settings

Select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Date and time**.

Select from the following:

- **Date and Time** — Set the current date and time.
- **Time zone** — Define your time zone.
- **Date format** and **Date separator** — Define the date format and separator.
- **Time format** and **Time separator** — Select whether to use the 12-hour or 24-hour clock system and with which symbol to separate hours and minutes.
- **Clock type** — Define the clock type.
- **Clock alarm tone** — Select the tone for the alarm clock.
- **Alarm snooze time** — Define the snooze time for the alarm clock.
- **Workdays** — Define the days of the week that are work days for you.

- **Automatic time update** — Update the time, date, and time zone information automatically (network service).

Common accessory settings

Select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Enhancement**.

With most accessories, you can do the following:

To define which profile is activated when you attach an accessory to your device, select the accessory and **Default profile**.

To set the device to answer phone calls automatically after 5 seconds when an accessory is attached, select **Automatic answer** > **On**. If the ringing type is set to **Beep once** or **Silent** in the selected profile, automatic answering is disabled.

To illuminate the device while it is attached to an accessory, select **Lights** > **On**.

Sensor settings

Select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Sensor settings**.

To set the device to silence an incoming call or snooze an alarm when you turn the device face down, select **Turn off silence**.

Security settings

About security settings

Select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Security**.

Avoid using codes that are similar to emergency numbers to prevent accidental dialling of the emergency number. Codes are shown as asterisks. When you change a code, enter the current code, then the new code twice.

Device and SIM card security

To change the PIN code, select **Phone and SIM card** > **PIN code**. The new code must be 4 to 8 digits long. The PIN code protects your SIM card against unauthorised use and is provided with the SIM card. After three consecutive incorrect PIN code entries, the code is blocked, and you need to use the PUK code to unblock it before you can use the SIM card again.

To set the keypad to lock automatically after a defined period, select **Phone and SIM card** > **Keypad autolock period**.

To set a time-out after which the device is automatically locked and can be used only if the correct lock code is entered, select **Phone and SIM card** > **Phone autolock period**. Enter a number for the time-out in minutes, or select **None** to set off the autolock period. When the device is locked, you can still answer incoming calls, and calls may still be possible to the official emergency number programmed into your device.

To set a new lock code, select **Phone and SIM card** > **Lock code**. The preset lock code is 12345. Enter the current code and then the new code twice. The new code can be 4-255 characters long. Both alphabets and digits can be used, and

both uppercase and lowercase alphabets are possible. The device notifies you if the lock code is not properly formatted.

Restore original settings

To restore the original device settings, select **Menu** > **Ctrl. panel** > **Settings** and **General** > **Factory settings**. To do this, you need your device lock code. After resetting, the device may take a longer time to switch on.

E-mail key settings

Select **Menu** > **Ctrl. panel** > **Settings** and **General**.

To select which mailbox to open with the e-mail key, select **E-mail key settings** > **E-mail key**, and press the scroll key.

Telephone settings

Select **Menu** > **Ctrl. panel** > **Settings** and **Phone**.

Call settings

Select **Menu** > **Ctrl. panel** > **Settings** and **Phone** > **Call**.

Select from the following:

- **Send my caller ID** — Display your phone number to the person you are calling.
- **Call waiting** — Set the device to notify you of incoming calls while you are in a call (network service).
- **Reject call with message** — Reject a call, and send a text message to the caller.

- **Message text** — Write the standard text message that is sent when you reject a call.
- **Automatic redial** — Set your device to make a maximum of 10 attempts to connect the call after an unsuccessful call attempt. To stop automatic redialling, press the end key.
- **Show call duration** — Display the length of a call during the call.
- **Summary after call** — Display the length of a call after the call.
- **Speed dialling** — Activate speed dialling.
- **Anykey answer** — Activate anykey answer.
- **Noise cancellation** — Activate earpiece active noise cancellation.
- **Contact search** — Activate contact search in the home screen.

Network settings

Select **Menu** > **Ctrl. panel** > **Settings** and **Phone** > **Network**.

To select the network mode, select **Network mode** and **Dual mode**, **UMTS**, or **GSM**. In dual mode, the device switches automatically between networks.

+ **Tip:** Selecting **UMTS** enables faster data transfer, but may increase the demand on battery power and reduce the battery life. In regions close to both GSM and UMTS networks, selecting **Dual mode** may cause constant jumping between the two networks, which also increases the demand on battery power.

To select the operator, select **Operator selection** and **Manual** to select from available networks, or **Automatic** to set the device to select the network automatically.

To set the device to indicate when it is used in a microcellular network (MCN), select **Cell info display** > **On**.

Connection settings

Select **Menu** > **Ctrl. panel** > **Settings** and **Connection**.

Select from the following:

- **Bluetooth** — Edit the Bluetooth settings.
- **USB** — Edit the data cable settings.
- **Destinations** — Set up new or edit existing access points. Some or all access points may be preset for your device by your service provider, and you may not be able to create, edit, or remove them.
- **VPN** — Manage the settings for virtual private networking.
- **Packet data** — Define when packet data network is attached, and enter the default packet switched access point name if you use your device as a modem for a computer.
- **XDM settings** — Create an XDM profile. The XDM profile is required for many communications applications, for example, presence.
- **Presence** — Edit the settings for presence (network service). To register for the service, contact your service provider.
- **Remote drives** — Connect the device to a remote drive.
- **Configurations** — View and delete trusted servers from which your device may receive configuration settings.

Access points

Create a new access point

Select **Menu** > **Ctrl. panel** > **Settings** and **Connection** > **Destinations**.

You may receive access point settings in a message from a service provider. Some or all access points may be preset for your device by your service provider, and you may not be able to change, create, edit, or remove them.

When you select one of the access point groups (🌐, 📶, 📶, 📶, 📶, 📶), you can see the access point types:

🔒 indicates a protected access point

📶 indicates a packet data access point

To create a new access point, select **+** **Access point**. The device asks to check for available connections. After the search, connections that are already available are displayed and can be shared by a new access point. If you skip this step, you are asked to select a connection method and to define the settings needed.

To edit the settings of an access point, select one of the access point groups, scroll to an access point, and select **Edit**. Use the instructions provided by your service provider to edit the following:

- **Connection name** — Enter a name for the connection.
- **Data bearer** — Select the data connection type.

Depending on the data connection you select, only certain setting fields are available. Fill in all fields marked with **Must be defined** or with a red *. Other fields can be left empty, unless your service provider has instructed otherwise.

To use a data connection, your service provider must support this feature, and if necessary, activate it for your SIM card.

Create access point groups

Select **Menu** > **Ctrl. panel** > **Settings** and **Connection** > **Destinations**.

Some applications allow you to use access point groups to connect to a network.


To avoid selecting which access point to use every time the device attempts to connect to a network, you can create a group that contains various access points, and define the order in which the access points are used to connect to a network.

To create a new access point group, select **Options** > **Manage** > **New destination**.

To add access points to an access point group, select the group and **Options** > **New access point**. To copy an existing access point from another group, select the group, scroll to an existing access point, and select **Options** > **Organise** > **Copy to other dest..**

To change the priority order of access points within a group, scroll to an access point and **Options** > **Organise** > **Change priority**.

Packet data access points

Select **Menu** > **Ctrl. panel** > **Settings** and **Connection** > **Destinations** > **Access point**, and follow the instructions on the display. Or, open one of the access point groups, select an access point marked with , and select **Edit**.

Use the instructions provided by your service provider to edit the following:

- **Access point name** — The access point name is provided by your service provider.
- **User name** — The user name may be needed to make a data connection, and is usually provided by your service provider.
- **Prompt password** — If you want to set the device to ask for a password every time you log in to a server, or if you do not want to save your password in the device, select **Yes**.
- **Password** — A password may be needed to make a data connection and is usually provided by your service provider.
- **Authentication** — Select **Secure** to always send your password encrypted or **Normal** to send your password encrypted when possible.
- **Homepage** — Depending on the access point type you are setting up, enter the web address or the address of the multimedia message centre.
- **Use access point** — Select **After confirmation** to set the device to ask for confirmation before the connection using this access point is created, or **Automatically** to set the device to connect to the destination using this access point automatically.

Select **Options** > **Advanced settings** and from the following:

- **Network type** — Select the internet protocol type to transfer data to and from your device. The other settings depend on the selected network type.
- **Phone IP address** (for IPv4 only) — Enter the IP address of your device.
- **DNS addresses** — Enter the IP addresses of the primary and secondary DNS servers, if required by your service provider. To obtain these addresses, contact your internet service provider.

- **Proxy server address** — Enter the address of the proxy server.
- **Proxy port number** — Enter the port number of the proxy server.

Packet data (GPRS) settings

Select **Menu** > **Ctrl. panel** > **Settings** and **Connection** > **Packet data**.

Your device supports packet data connections, such as GPRS in the GSM network. When you are using your device in GSM and UMTS networks, it is possible to have multiple data connections active at the same time; access points can share a data connection, and data connections remain active, for example, during voice calls.

To define the packet data settings, select **Packet data connection** and **When available** to register the device to the packet data network when you switch the device on in a supported network, or **When needed** to register the device to a packet data network only when an application or action attempts to establish a packet data connection. This setting affects all access points for packet data connections. To use the device as a packet data modem for your computer, select **Access point**, and enter the access point name provided by your service provider. To use a high-speed data connection, select **High speed packet access** > **Enabled**.

Configuration settings

Select **Menu** > **Ctrl. panel** > **Settings** and **Connection** > **Configurations**.

You can receive messages from your service provider or company information management containing

configuration settings for trusted servers. These settings are automatically saved in Configurations. You may receive configuration settings for access points, multimedia, or e-mail services, and instant messaging (IM) or synchronisation settings from trusted servers.


To delete configurations for a trusted server, select **Options** > **Delete**. The configuration settings for other applications provided by this server are also deleted.

Application settings

Select **Menu** > **Ctrl. panel** > **Settings** and **Applications**.

Select an application from the list to adjust its settings.

14. Nokia original accessories

 **Warning:** Use only batteries, chargers, and accessories 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. In particular, use of unapproved chargers or batteries may present a risk of fire, explosion, leakage, or other hazard.

For availability of approved accessories, check with your dealer.

An extensive range of accessories is available for your device. For more details, see www.nokia.com.cn.

All accessories for Nokia devices are supplied in an elegant sales package. An accessory bought without a separate package is not an original Nokia accessory.

How to buy Nokia original accessories:

1. Go to an authorised retailer for Nokia original accessories.

For information on the nearest authorised retailer for Nokia accessories, check with a Nokia original accessory distributor.

* When you are buying an accessory, always ask the dealer to issue a separate invoice listing the price and model number, which is helpful in safeguarding your own rights.

2. Visit a Nokia online shop at www.shop.nokia.com.cn.

Practical rules about accessories

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

Why use original accessories?

As key components of your handset, batteries and chargers play a critical role in making sure the handset is operating properly and safely. As shown by our long-term customer surveys and after-sales services, handsets fail in many cases by using unapproved accessories, especially unapproved batteries and chargers.

Dangers of using unapproved batteries and chargers

- Short lifetime, with charging and discharging times noticeably less than those of original batteries.
- Consequent much shorter lifetime of the handset, unstable power supply that prevents the handset circuit from functioning properly, which causes lasting damages.
- Poor performance and reliability of the handset, undermined voice quality and frequent breakdown.
- Potential burning or explosion that endangers consumer's safety.

Benefits of using Nokia original accessories

- Adequate safety.
- High quality after-sales maintenance and services that are available to original accessories only.
- Nokia warranty does not apply to handset failures attributable to the use of non-original Nokia accessories.

False: Handset battery is a simple product that combines a group of linked cells within a single package.

True: A number of high-tech designs and high quality raw materials are necessary for a handset battery to provide stable and lasting performance. A battery manufactured in a slipshod way differs from an original product on process, design, and raw material considerably, hence dramatic difference in performance and safety.

False: All accessories with the Nokia trademark are original ones.

True: Nokia original accessories are supplied in an elegant sales package (complying with national package regulations), and each battery carries a hologram label. It is recommended that consumers are aware of counterfeit

Nokia accessories on the market. In particular, some dealers might remove the original battery from the supplied handset, which violates our distribution policies and infringes on consumer's rights.

False: Despite low quality, counterfeit battery is much cheaper and is worthwhile even if it requires frequent replacement.

True: Unapproved batteries and chargers are not only of short lifetime and poor performance, but will noticeably undermine the handset's performance and reduce its lifetime. It is also deprived of comprehensive after-sales maintenance and repair. Most important, unapproved batteries and chargers pose safety threats to consumers. Losses in these regards far exceed the savings on price. In fact, with inferior raw materials and irregular designs, some counterfeit batteries cost less than 1/10 of original products.

Battery

Type	Battery	Talk time	Standby
BP-4L	Li-Ion	Up to XX/XX minutes (WCDMA/GSM)	Up to XX/XX hours (WCDMA/GSM)

★ Important: Battery talk and stand-by times are estimates and only possible under optimal network conditions. Actual battery talk and standby times depend on SIM cards, features used, battery age and condition, temperatures to which battery is exposed, network conditions, and many other factors, and may be significantly



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shorter than those specified above. Ringing tones, hands free call handling, use in digital mode, and other features will also consume the battery, and the amount of time a device is used for calls will affect its stand-by time. Likewise, the amount of time that the device is turned on and in the standby mode will affect its talk time.

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15. Green tips

Here are tips on how you can contribute to protecting the environment.



werecycle, or with a mobile device, www.nokia.mobi/werecycle.

Recycle packaging and user guides at your local recycling scheme.

Save energy

When you have fully charged the battery and disconnected the charger from the device, unplug the charger from the wall outlet.

You do not need to charge your battery so often if you do the following:

- Close and disable applications, services, and connections when not in use.
- Decrease the brightness of the screen.
- Set the device to enter the power saver mode after the minimum period of inactivity, if available in your device.
- Disable unnecessary sounds, such as keypad and ringing tones.

Recycle

Most of the materials in a Nokia phone are recyclable. Check how to recycle your Nokia products at www.nokia.com/

Save paper

This user guide helps you get started with your device. For more detailed instructions, open the in-device help (in most applications, select **Options** > **Help**). For further support, see www.nokia.com/support.

Learn more

For more information on the environmental attributes of your device, see www.nokia.com/ecodeclaration.



Battery

Battery and charger information

Your device is powered by a rechargeable battery. The battery intended for use with this device is BP-4L. Nokia may make additional battery models available for this device. This device is intended for use when supplied with power from the following chargers: AC-8. The exact charger model number may vary depending on the type of plug. The plug variant is identified by one of the following: E, EB, X, AR, U, A, C, K, or UB. For example, the model numbers for the charger can be, among others, AC-8C, AC-8U, AC-8X, etc. The charger model offered to China mainland is AC-8C.

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 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. 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.

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

Proper charging. 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.

Avoid extreme temperatures. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily. Battery performance is particularly limited in temperatures well below freezing.

Do not short-circuit. 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.

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

Leak. Do not dismantle, cut, open, crush, bend, puncture, or shred cells or batteries. In the event of a battery leak, prevent

battery liquid contact with the skin or eyes. If this happens, flush the affected areas immediately with water, or seek medical help.

Damage. Do not modify, remanufacture, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids. Batteries may explode if damaged.

Correct use. Use the battery only for its intended purpose. Improper battery use may result in a fire, explosion, or other hazard. If the device or battery is dropped, especially on a hard surface, and you believe the battery has been damaged, take it to a service centre for inspection before continuing to use it. Never use any charger or battery that is damaged. Keep your battery out of the reach of small children.

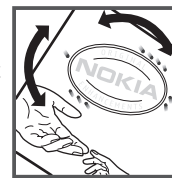
★ Important: Talk and standby times are estimates only. Actual performance depends on many factors such as network conditions, device settings selected, device features being used (or running in the background), battery condition and ambient temperature. Making calls with the device affects the standby time and the amount of time in standby mode affects the talk time.

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 a Nokia authorised service centre or dealer, and inspect the hologram label using the following steps:

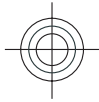
Authenticate hologram

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.



Successful completion of the steps is not a total assurance of the authenticity of the battery. If you cannot confirm authenticity or if you have any reason to believe that your Nokia battery with the hologram on the label is not an authentic Nokia battery, you should refrain from using it, and take it to the nearest Nokia authorised service centre or dealer for assistance.

To find out more about original Nokia batteries, see www.nokia.com/batterycheck



Taking care of your device

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.

- 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 high or cold temperature. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics. When the device warms to its normal temperature from a cold 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. Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices.
- Use chargers indoors.

- Backup all 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 accessory.

Recycle

Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. Check product environmental information and how to recycle your Nokia products at www.nokia.com/wecycle, or nokia.mobi/wecycle.

China ROHS Table



Toxic or hazardous Substances and Elements	Part name		
	Phone	Battery	Accessories



Lead (Pb)	X	X	X
Mercury (Hg)	0	0	0
Cadmium (Cd)	0	0	0
Hexavalent Chromium (Cr6+)	0	0	0
Polybrominated biphenyls(PBB)	0	0	0
Polybrominated diphenyl ethers (PBDE)	0	0	0

0: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T 11363-2006.

X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T 11363-2006.

Notes: The reason for marking "X" is: there is currently no alternative technologies available.



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. Unauthorised 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 authorised service facility for service.



Part name	Toxic or hazardous Substances and Elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr6+)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)





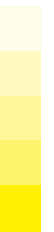
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Phone	x	0	0	0	0	0
Battery	x	0	0	0	0	0
Accessories	x	0	0	0	0	0

0: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T 11363-2006.

X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T 11363-2006.

Notes: The reason for marking "X" is: there is currently no alternative technologies available.





Additional safety information

Small children

Your device and its accessories are not toys. They may contain small parts. Keep them out of the reach of small children.

Operating environment

This device meets RF exposure guidelines in the normal use position at the ear or at least 2.2 centimetre (7/8 inch) away from the body. Any carry case, belt clip, or holder for body-worn operation should not contain metal and should position the device the above-stated distance from your body.

To send data files or messages requires a quality connection to the network. Data files or messages may be delayed until such a connection is available. Follow the separation distance instructions 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 radio transmitting equipment, including wireless phones, may interfere with the function of

inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine whether they are adequately shielded from external RF energy. Switch off your device when regulations posted instruct you to do so. Hospitals or health care facilities may use equipment sensitive to external RF energy.

Implanted medical devices

Manufacturers of medical devices recommend a minimum separation of 15.3 centimetres (6 inches) 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 centimetres (6 inches) from the medical device.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device.
- Turn the wireless device off if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the 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.

Vehicles

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


Only qualified personnel should service the device or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate your warranty. 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 accessories. Remember that air bags inflate with great force. Do not place your device or accessories in the air bag deployment area.

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 and may be illegal.

Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere. Obey all posted instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions 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 areas where you would be advised to turn off your vehicle engine, below deck on boats, chemical transfer or storage facilities and 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:** This device operates using radio signals, wireless networks, landline networks, and user-programmed functions. If your device supports voice calls over the internet (internet calls), activate both the internet calls and the cellular phone. 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. Depending on your device, you may also need to complete the following:
 - Insert a SIM card if your device uses one.
 - Remove certain call restrictions you have activated in your device.
 - Change your profile from Offline or Flight profile to an active profile.
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.

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 organisation 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 1.21 W/kg.

Use of device accessories 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.

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 1.20 W/kg and when properly worn on the body is 0.83 W/kg.



MANUFACTURER'S LIMITED WARRANTY

This Limited Warranty is in addition to, and does not affect your legal (statutory) rights under your applicable national laws relating to the sale of consumer products.

Nokia Corporation ("Nokia") provides this Limited Warranty to person who has purchased the Nokia product(s) included in the sales package ("Product").

Nokia warrants to you that during the warranty period Nokia or a Nokia authorised service company will in a commercially reasonable time remedy defects in materials, design and workmanship free of charge by repairing or, should Nokia in its absolute discretion deem it necessary, replacing the Product in accordance with this Limited Warranty (unless otherwise required by law). This Limited Warranty is only valid and enforceable in the country where you have purchased the Product provided that it is intended for sale in that country.

Warranty period

The warranty period starts at the time of Product's original purchase by the first end-user. The Product may consist of several different parts and different parts may be covered by a different warranty period (hereinafter "Warranty Period"). The different Warranty Periods are:

a) twelve (12) months for the mobile device and accessories (whether included in the mobile device sales package or sold

separately) other than the consumable parts and accessories listed in (b) and (c) below;

b) six (6) months for the following consumable parts and accessories: batteries, chargers, desk stands, headsets, cables and covers; and

c) ninety (90) days for the media on which any software is provided, for example, CD-ROM or memory card

As far as your national laws permit, the Warranty Period will not be extended or renewed or otherwise affected due to subsequent resale, repair or replacement of the Product. However, repaired part(s) will be warranted for the remainder of the original Warranty Period or for sixty (60) days from the date of repair, whichever is longer.

How to get warranty service

If you wish to make a claim under the Limited Warranty, you may call the Nokia call center (where this is available and please note national rates apply to calls) and/or where necessary, return your Product or the affected part (if it is not the entire Product) to a Nokia care centre or Nokia designated service location. Information about Nokia care centres, Nokia designated service locations and Nokia call centres can be found at local Nokia web pages where available.



You must return your Product or the affected part (if it is not the entire Product) to a Nokia care center or Nokia designated service location before the expiry of the Warranty Period.

When making a Limited Warranty claim you have to present: a) the Product (or affected part thereto), b) the legible and unmodified original proof of purchase, which clearly indicates the name and address of the seller, the date and place of purchase, the product type and the IMEI or other serial number.

This Limited Warranty extends only to the original first end-user of the Product and is not assignable or transferable to any subsequent purchaser/end-user.

What is not covered?

1. This Limited Warranty does not cover user manuals or any third party software, settings, content, data or links, whether included/downloaded in the Product, whether included during installment, assembly, shipping or at any other time in the delivery chain or otherwise and in any way acquired by you. To the extent permitted by applicable law(s), Nokia does not warrant that any Nokia software will meet your requirements, will work in combination with any hardware or software applications provided by a third party, that the operation of the software will be uninterrupted or error free or that any defects in the software are correctable or will be corrected.

2. This Limited Warranty does not cover a) normal wear and tear (including, without limitation, wear and tear of camera lenses, batteries or displays), b) transport costs, c) defects caused by rough handling (including, without limitation, defects caused by sharp items, by bending, compressing or dropping, etc.), d) defects or damage caused by misuse of the

Product, including use that is contrary to the instructions provided by Nokia (e.g. as set out in the Product's user guide) and/or e) other acts beyond the reasonable control of Nokia.

3. This Limited Warranty does not cover defects or alleged defects caused by the fact that the Product was used with, or connected to, a product, accessories, software and/or service not manufactured, supplied or authorised by Nokia or was used otherwise than for its intended use. Defects can be caused by viruses from your or from a third party's unauthorised access to services, other accounts, computer systems or networks. This unauthorised access can take place through hacking, password-mining or through a variety of other means.

4. This Limited Warranty does not cover defects caused by the fact that the battery has been short-circuited or by the fact that the seals of the battery enclosure or the cells are broken or show evidence of tampering or by the fact that the battery has been used in equipment other than those for which it has been specified.

5. This Limited Warranty does not apply if the Product has been opened, modified or repaired by anyone other than an authorised service centre, if it is repaired using unauthorised spare parts or if the Product's serial number, the mobile accessory date code or the IMEI number has been removed, erased, defaced, altered or are illegible in any way and this shall be determined in the sole discretion of Nokia.

6. This Limited Warranty does not apply if the Product has been exposed to moisture, to dampness or to extreme thermal or environmental conditions or to rapid changes in such conditions, to corrosion, to oxidation, to spillage of food or liquid or to influence from chemical products.

Other important notices

A third party, independent operator provides the SIM card and cellular and/or other network or system on which the Product operates. Therefore, Nokia will not accept responsibility under this warranty for the operation, availability, coverage, services or range of the cellular or other network or system. Before the Product can be repaired or replaced, the operator may need to unlock any SIM-lock or other lock that may have been added to lock the product to a specific network or operator. Accordingly, Nokia does not accept responsibility for any delays in warranty repairs or for the inability of Nokia to complete warranty repairs that are caused by the operator's delay or failure to unlock any SIM-lock or other lock.

Please remember to make backup copies or keep written records of all important content and data stored in your Product, because content and data may be lost during repair or replacement of the Product. Nokia, in a manner consistent with the provisions of the section entitled "Limitation of Nokia's Liability" below, to the extent permitted by applicable law(s), shall not under any circumstances be liable, either expressly or implied, for any damages or losses of any kind whatsoever resulting from loss of, damage to, or corruption of, content or data during repair or replacement of the Product.

All parts of the Product or other equipment that Nokia has replaced shall become the property of Nokia. If the returned Product is found not to be covered by the terms and conditions of the Limited Warranty, Nokia and its authorised service companies reserve the right to charge a handling fee. When repairing or replacing the Product, Nokia may use products or parts that are new, equivalent to new or reconditioned.

Your Product may contain country specific elements, including software. If the Product has been re-exported from its original destination country to another country, the Product may contain country specific elements that are not considered to be a defect under this Limited Warranty.

Limitation of Nokia's liability

This Limited Warranty is your sole and exclusive remedy against Nokia and Nokia's sole and exclusive liability in respect of defects in your Product. However, this Limited Warranty shall neither exclude nor limit i) any of your legal (statutory) rights under the applicable national laws or ii) any of your rights against the seller of the Product.

This Limited Warranty replaces all other Nokia warranties and liabilities, whether oral, written, (non-mandatory) statutory, contractual, in tort or otherwise, including, without limitation, and where permitted by applicable law, any implied conditions, warranties or other terms as to satisfactory quality or fitness for purpose. To the extent permitted by applicable law(s) Nokia does not assume any liability for loss of or damage to or corruption of data, for any loss of profit, loss of use of Products or functionality, loss of business, loss of contracts, loss of revenues or loss of anticipated savings, increased costs or expenses or for any indirect loss or damage, consequential loss or damage or special loss or damage. To the extent permitted by applicable law, Nokia's liability shall be limited to the purchase value of the Product. The above limitations shall not apply to death or personal injury resulting from Nokia's proven negligence.

Statutory obligations

This Limited Warranty must be read subject to any statutory provisions that imply warranties or conditions into this Limited Warranty that cannot be excluded, restricted or modified or cannot be excluded, restricted or modified except to a limited extent. If such statutory provisions apply, to the extent to which Nokia is able to do so, its liability under those provisions will be limited, at its option to, in the case of goods: the replacement of the goods or the supply of equivalent goods, the repair of the goods, the payment of the cost of replacing the goods or of acquiring equivalent goods, or the payment of the cost of having the goods repaired; and in the case of services: the supplying of the services again or the payment of the cost of having the services supplied again.

! **Note:** Your Product is a sophisticated electronic device. Nokia strongly encourages you to familiarise yourself with the user guide and instructions provided with and for the Product. Please also note that the Product might contain high precision displays, camera lenses and other such parts, which could be scratched or otherwise damaged if not handled very carefully.

All warranty information, product features and specifications are subject to change without notice.

Nokia Corporation
Keilalahdentie 2-4
FIN-02150 Espoo
Finland



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How to obtain an English User Guide

Nokia understands from consumer feedback in PRC that there is only limited usage of the English User Guide.

In consideration of this and to help conserve natural resources, Nokia has selected to not to include the English User Guide in the Sales Package.

To obtain a User Guide in English, please kindly download it from:
www.nokia.com.cn/englishUG.

The feature descriptions in English User Guide may vary by market, thus the device features described in the English User Guide you have obtained may differ from those shown on the display in English user interface.



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