Nokia 2730 classic User Guide

Contents

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.

WATER-RESISTANCE

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

Get started

Insert SIM card and battery

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

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

1 Press and slide the back cover towards the bottom of the phone, and remove it (1).
2 Remove the battery (2).
3 Open the SIM card holder (3), insert the SIM card with the contact surface facing down (4), and close the holder (5).
4 Insert the battery (6), and replace the back cover (7).

Insert a microSD card

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

Your phone supports microSD cards with a capacity of up to 2 GB.

A compatible memory card may be supplied with the device, and may already be inserted in the device. If not, do the following:
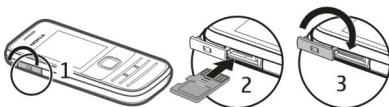
1 Open the cover of the memory card slot.
2 Insert the card into the memory card slot with the contact surface facing up, and press until it locks into place.

3   Close the cover of the memory card slot.

Remove the microSD 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.

You can remove or replace the memory card during phone operation without switching the device off, but you need to ensure that no application is currently accessing the memory card.
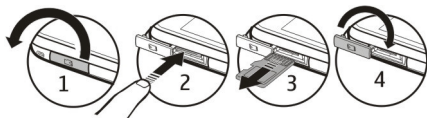
Charge the battery

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 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.

Antenna

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.

The figure shows the antenna area marked in grey.

Headset

Warning:
When you use the headset, your ability to hear outside sounds may be affected. Do not use the headset where it can endanger your safety.

When connecting any external device or any headset, other than those approved by Nokia for use with this device, to the Nokia AV Connector, pay special attention to volume levels.

Do not connect products that create an output signal as this may cause damage to the device. Do not connect any voltage source to the Nokia AV Connector.

Magnets and magnetic fields

Keep your device away from magnets or magnetic fields.

Keys and parts

1	End/Power key
2	Earpiece
3	Display
4	Selection keys
5	Navi™ key; hereafter referred to as scroll key
6	Call key
7	Keypad

8	Headset connector/Nokia AV Connector (3.5 mm)
9	Charger connector
10	Camera lens
11	Micro USB connector
12	Loudspeaker
13	Microphone
14	Memory card slot
15	Wrist strap eyelet

Switch on and off

Press and hold the power key.

Volume control

Warning:
Continuous exposure to high volume may damage your hearing. Listen to music at a moderate level, and do not hold the device near your ear when the loudspeaker is in use.

To adjust the earpiece or loudspeaker volume during a call or when listening to an audio file or the FM radio, scroll up or down.

Standby mode

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

1	Network signal strength
2	Battery charge level
3	Network name or operator logo
4	Functions of selection keys

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

Keypad lock

Lock the keypad
Select **Menu**, and press ***** within 3.5 seconds to lock the keypad.

Unlock the keypad
Select **Unlock**, and press ***** within 1.5 seconds. If the security keyguard is activated, enter the security code when requested.

Set automatic keypad lock
Select **Menu** > **Settings** > **Phone** > **Automatic keyguard** > **On**, and set the length of time, after which the keypad locks.

Answer a call when the keypad is locked
Press the call key. When you end or reject the call, the keypad locks automatically.

When the device or keypad is locked, calls may be possible to the official emergency number programmed into your device.

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

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

General information

About your device
The wireless device described in this guide is approved for use on the (E)GSM 850, 900, 1800, and 1900 MHz networks, and UMTS 900/2100 networks. Contact your service provider for more information about networks.

Your device may have preinstalled bookmarks and links for third-party internet sites and may allow you to access third-party sites. These are not affiliated with Nokia, and Nokia does not endorse or assume liability for them. If you access such sites, 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.

When using 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.

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.

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

Network mode

To select the type of network to use, select **Menu** > **Settings** > **Phone** > **Network mode**. You cannot access this option during an active call.

Network services

To use the device you must have service from a wireless service provider. Some features are not available on all networks; other features may require that you make specific arrangements with your service provider to use them. Network services involve 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 explain what charges will apply. Some networks may have limitations that affect how you can use some features of this device requiring network support such as support for specific technologies like WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols and language-dependent characters.

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 customized items such as menu names, menu order, and icons.

Shared memory

The following features in this device may share memory: multimedia messaging (MMS), e-mail application, instant messaging. Use of one or more of these features may reduce the memory available for the remaining features. If your device displays a message that the memory is full, delete some of the information stored in the shared memory.

Access codes

The security code helps to protect your phone against unauthorised use. The preset code is 12345. You can create and change the code, and set the phone to request the code. Keep the code secret and in a safe place separate from your phone. If you forget the code and your phone is locked, your phone will require service and additional charges may apply. For more information, contact a Nokia Care point or your phone dealer.

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

The module PIN is required to access the information in the security module of your SIM card. The signing PIN may be required for the digital signature. The barring password is required when using the call barring service.

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

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/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 open the Nokia Software Updater application. The Nokia Software Updater application guides you to back up your files, update the software, and restore your files.

Support

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

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

- Restart 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 optimum performance and possible new features. See www.nokia.com/softwareupdate or your local Nokia website. Remember to back up your device data before updating the device software.
- Restore the original factory settings as explained in the user guide.

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

Calls

Make and answer a call

Make a call
Enter the phone number, including the country and area code if necessary, and press the call key.

Answer an incoming call
Press the call key.

Reject a call
Press the end key.

Adjust the volume
During a phone call, scroll up or down.

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

Dialling shortcuts

Assign a phone number to a number key
Select **Menu** > **Contacts** > **Speed dials**, scroll to a desired number (2-9), and select **Assign**. Enter the desired phone number, or select **Search** and a saved contact.

Activate speed dialling
Select **Menu** > **Settings** > **Call** > **Speed dialling** > **On**.

Make a call using speed dialling
In the standby mode, press and hold the desired number key.

Write text

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

When you write text, press and hold **Options** to switch between traditional text input, indicated by ![icon], and predictive text input, indicated by ![icon] . Not all languages are supported by predictive text input.

The character cases are indicated by ![icon], ![icon], and ![icon].

To change the character case, press **#**. To change from the letter to number mode, indicated by ![icon] , press and hold **#**, and select **Number mode**. To change from the number to the letter mode, press and hold **#**.

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

Traditional text input

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

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

To access the most common punctuation marks and special characters, press **1** repeatedly. To access the list of special characters, press *****.

Predictive text input

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

1   Start writing a word, using the keys **2** to **9**. Press each key only once for one letter.
2   To confirm a word, scroll right or add a space.

  •   If the word is not correct, press ***** repeatedly, and select the word from the list.
  •   If the ? character is displayed after the word, the word you intended to write is not in the dictionary. To add the word to the dictionary, select **Spell**. Enter the word using traditional text input, and select **Save**.
  •   To write compound words, enter the first part of the word, and scroll right to confirm it. Write the last part of the word, and confirm the word.
3   Start writing the next word.

Navigate the menus

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

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

Messaging

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

Text and multimedia messages

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

Text messages

Your device supports 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.

The total number of characters left and the number of messages needed for sending are displayed.

To send messages, the correct message centre number must be stored in your device. Normally, this number is set by default through your SIM card. To set the number manually, select **Menu** > **Messaging** > **Message settings** > **Text messages** > **Message centres** > **Add centre**, and enter a name and the number from the service provider.

Multimedia messages

A multimedia message can contain text, pictures, and sound or video clips.

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

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

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

For availability and subscription to the multimedia messaging service (MMS), contact your service provider. You may also download the configuration settings.

Create a text or multimedia message

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

4 To attach content to the message, scroll to the attachment bar at the bottom of the display and select the desired type of content.
5 To send the message, press **Send**.

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

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

Flash messages

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

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

Nokia Xpress audio messages

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

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

E-mail

Access your POP3 or IMAP4 e-mail account with your device to read, write, and send e-mail. Using the e-mail application to send an e-mail is not the same as sending an e-mail as a text message.

Before you can use e-mail, ensure that you have the correct settings. You can sign up for a new e-mail account or use an existing account, if your existing e-mail provider allows mobile access to e-mail. The settings may be available from Nokia. Follow the displayed instructions, or select your e-mail provider manually. To check the availability and the settings of your e-mail account, contact your e-mail service provider. You may receive the e-mail configuration settings as a configuration message.

Access the e-mail application

Select **Menu** > **Messaging** and **E-mail** or an existing e-mail account.

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

Instant messaging

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

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

Voice messages

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

Call your voice mailbox

Press and hold **1**.

Edit voice mailbox number

Select **Menu** > **Messaging** > **Voice messages** > **Voice mailbox no.**.

Message settings

Select **Menu** > **Messaging** > **Message settings** and from the following:

General settings — Save copies of sent messages in your phone, overwrite old messages if the message memory becomes full, and set up other preferences related to messages.

Text messages — Allow delivery reports, set up message centres for SMS and SMS e-mail, select the type of character support, and set up other preferences related to text messages.

Multimedia messages — Allow delivery reports, set up the appearance of multimedia messages, allow the reception of multimedia messages and advertisements, and set up other preferences related to multimedia messages.

Service messages — Activate service messages and set up preferences related to service messages.

Contacts

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

You can save names and phone numbers in the phone memory and SIM card memory. In the phone memory, you can save contacts with numbers and text items. Names and numbers saved in the SIM card memory are indicated with ▣ .

Add a contact

Select **Names** > **Options** > **Add new contact**.

Add details to a contact

Ensure that the memory in use is either **Phone** or **Phone and SIM**. Select **Names**, scroll
to the name, and select **Details** > **Options** > **Add detail**.

Search for a contact

Select **Names**, and scroll through the list of contacts, or enter the first letters of the
name.

Copy a contact between the phone memory and SIM card memory

Select **Names**, scroll to the contact, and select **Options** > **Copy contact**. In the SIM card
memory, you can save only one phone number for each name.

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

You can send and receive a person's contact information as a business card from a
compatible device that supports the vCard standard.

Send a business card

Select **Names**, search for the contact whose information you want to send, and select
Details > **Options** > **Send business card**.

Call log

To view the information on your calls, messages, data, and synchronisation, select
Menu > **Log** and from the available options.

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

Settings

Profiles

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

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

Activate — to activate the selected profile

Personalise — to change the profile settings

Timed — to set the profile to be active for a certain time. When the time set for the
profile expires, the previous profile that was not timed becomes active.

Tones

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

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

Display

To view or adjust the wallpaper, font size, or other features related to the phone display, select **Menu** > **Settings** > **Display**.

Date and time

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

Set the date and time
Select **Date & time settings**.

Set the date and time format
Select **Date and time format**.

Set the phone to update the time and date automatically according to the current time zone
Select **Auto-update of time** (network service).

Shortcuts

With personal shortcuts, you can get quick access to frequently used phone functions.

Select **Menu** > **Settings** > **My shortcuts**.

Assign phone functions to the selection keys
Select **Right selection key** or **Left selection key** and a function from the list.

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

Synchronisation and backup

Select **Menu** > **Settings** > **Sync and backup** and from the following:

Phone switch — Synchronise or copy selected data between your phone and another phone using Bluetooth technology.
Create backup — Create a backup of selected data to the memory card or to an external device.
Restore backup — Select a backup file stored on the memory card or on an external device and restore it to the phone. Select **Options** > **Details** for information about the selected backup file.

Data transfer — Synchronise or copy selected data between your phone and another device, PC, or network server (network service).

Connectivity

Your phone has several features that allow you to connect to other devices to transmit and receive data.

Bluetooth wireless technology

Bluetooth technology allows you to connect your phone, using radio waves, to a compatible Bluetooth device within 10 metres (32 feet).

This device is compliant with Bluetooth Specification 2.0 + EDR supporting the following profiles: generic access, hands-free, headset, object push, file transfer, dial-up networking, serial port, SIM access, generic object exchange, advanced audio distribution, audio video remote control, and generic audio 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.

Set up a Bluetooth connection

Select **Menu** > **Settings** > **Connectivity** > **Bluetooth** and take the following steps:

1   Select **My phone's name** and enter a name for your phone.
2   To activate Bluetooth connectivity select **Bluetooth** > **On**. 🔲 indicates that Bluetooth is active.
3   To connect your phone with an audio enhancement, select **Connect audio enhan.** and the device that you want to connect to.
4   To pair your phone with any Bluetooth device in range, select **Paired devices** > **Add new device**.

    Scroll to a found device, and select **Add**.

    Enter a passcode (up to 16 characters) on your phone and allow the connection on the other Bluetooth device.

If you are concerned about security, turn off the Bluetooth function, or set **My phone's visibility** to **Hidden**. Accept Bluetooth communication only from those you trust.

PC connection to the internet

Use Bluetooth technology to connect your compatible PC to the internet without PC Suite software. Your phone must have activated a service provider that supports internet access, and your PC has to support Bluetooth personal area network (PAN). After connecting to the network access point (NAP) service of the phone, and pairing with your PC, your phone automatically opens a packet data connection to the internet.

Packet data

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

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

When needed — to establish the packet data connection when an application needs it. The connection is closed when the application is terminated.

Always online — to automatically connect to a packet data network when you switch the phone on

You can use your phone as a modem by connecting it to a compatible PC using Bluetooth technology. For details, see the Nokia PC Suite documentation.

Call and phone

Select **Menu** > **Settings** > **Call**.

Divert incoming calls

Select **Call divert** (network service). For details, contact your service provider.

Automatically redial ten times after an unsuccessful attempt

Select **Automatic redial** > **On**.

Get a notification of incoming calls while you are in a call

Select **Call waiting** > **Activate** (network service).

Display or hide your number to the person you are calling

Select **Send my caller ID** (network service).

Set the display language

Select **Menu** > **Settings** > **Phone** > **Language settings** > **Phone language**.

Voice commands and voice dialling

Use your phone by saying a voice command, and make a phone call by saying a name saved in the contacts list.

Voice commands and voice dialling are language-dependent. Voice recognition is not supported in all languages. To see which languages are supported, select **Menu** > **Settings** > **Phone** > **Language settings** > **Recognition lang.**. To set the recognition language, select the desired language.

Note: Using voice tags may be difficult in a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

Train the voice recognition of your phone to your voice
Select **Menu** > **Settings** > **Phone** > **Voice recognition** > **Voice recog. training**.

Activate a voice command for a function
Select **Menu** > **Settings** > **Phone** > **Voice recognition** > **Voice commands**, a feature, and the function. 🔊 indicates that the voice command is activated.

Play the activated voice command
Scroll to the desired function, and select **Play**.

Manage the voice commands
Scroll to a function, and select **Options**.

Use voice commands or voice dialling
In the standby mode, press and hold the right selection key. A short tone sounds, and **Speak now** is displayed. Say the command or the name of the contact you want to dial. If the voice recognition is successful, a list of proposed matches is displayed. The phone plays the voice command of the first match in the list. If it is not the correct command, scroll to another entry.

Enhancements

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

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

Configuration

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

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

Default config. sett. — to view the service providers saved in the phone and set a default service provider

Act. def. in all apps. — to activate the default configuration settings for supported applications

Preferred access pt. — to view the saved access points

Device manager sett. — to allow or prevent the phone from receiving software updates. This option may not be available, depending on your phone.

Personal config. sett. — to manually add new personal accounts for various services and to activate or delete them. To add a new personal account, select **Add** or **Options** > **Add new**. Select the service type, and enter the required parameters. To activate a personal account, scroll to it, and select **Options** > **Activate**.

Restore factory settings

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

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

Operator menu

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

Gallery

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

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, OMA DRM 1.0, OMA DRM 1.0 forward lock, 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.

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

If your device has OMA DRM-protected content, to back up both the activation keys and the content, use the backup feature of Nokia PC Suite.

If your device has WMDRM-protected content, both the activation keys and the content will be lost if the device memory is formatted. You may also lose the activation keys and the content if the files on your device get corrupted. Losing the activation keys or the content may limit your ability to use the same content on your device again. For more information, contact your service provider.

View the contents in Gallery
Select **Menu** > **Gallery**.

Media

Camera and video

Your device supports an image capture resolution of 1200x1600 pixels.

Camera mode

Use the still image function
Select **Menu** > **Media** > **Camera**.

Zoom in or out
Scroll up or down.

Capture an image
Select **Capture**.

Set the preview mode and time
Select **Options** > **Settings** > **Image preview time**.

To activate the self-timer, or to capture images in a fast sequence, select **Options** and the desired option.

Video mode

Use the video function
Select **Menu** > **Media** > **Video**.

Start recording a video clip
Select **Record**.

When recording, lower quality video can be recorded for a greater length of time. To change the quality settings, and to set the maximum length of the video clip, select **Menu** > **Media** > **Camera** > **Options** > **Settings** > **Video clip quality** or **Video clip length**.

Switch between camera and video mode

In camera or video mode, scroll left or right.

FM radio

Select **Menu** > **Media** > **Radio** or, in the standby mode, press and hold *****.

Search for a neighbouring station
Press and hold the scroll key to the left or right.

Save a station
Tune to the desired station, and select **Options** > **Save station**.

Switch between saved stations
Scroll left or right to switch between stations, or press the corresponding number key of the memory location of a desired station.

Adjust the volume
Scroll up or down.

Leave the radio playing in the background
Press the end key.

Close the radio
Press and hold the end key.

Voice recorder

Start recording
Select **Menu** > **Media** > **Voice recorder** and the record button on the display.

Start recording during a call
Select **Options** > **Record**. When recording a call, hold the phone in the normal position near to your ear. The recording is saved in the Recordings folder in Gallery.

Listen to the latest recording
Select **Options** > **Play last recorded**.

Send the last recording in a multimedia message
Select **Options** > **Send last recorded**.

Music player
Your phone includes a music player for listening to songs or other MP3 or AAC sound files.

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

Start or pause playing
Press the scroll key.

Skip to the beginning of the current song
Scroll left.

Skip to the previous song
Scroll left twice.

Skip to the next song
Scroll right.

Rewind the current song
Press and hold the scroll key to the left.

Fast-forward the current song
Press and hold the scroll key to the right.

Adjust the volume
Scroll up or down.

Mute or unmute the music player
Press **#**.

Leave the music player playing in the background
Press the end key.

Close the music player
Press and hold the end key.

Applications

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

Select **Menu** > **Applications**.

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

View the amount of memory available for game and application installations
Select **Options** > **Memory status**.

Download a game or application
Select **Options** > **Downloads** > **Game downloads** or **App. downloads**.

Your phone supports J2ME™ Java applications. Ensure that the application is compatible
with your phone before downloading it.

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

Downloaded applications may be saved in Gallery instead of Applications.

Organiser

Alarm clock

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

Activate or deactivate an alarm
Select **Alarm:**.

Set the time for the alarm
Select **Alarm time:**.

Set the phone to alert you on selected days of the week
Select **Repeat:**.

Personalise the alarm tone
Select **Alarm tone:**.

Set the time-out period for the snooze alert
Select **Snooze time-out:**.

Stop the alarm
Select **Stop**.

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

Calendar and to-do list

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

Add a calendar note
Scroll to the date, and select **Options** > **Make a note**.

View the details of a note
Scroll to a note, and select **View**.

Delete all notes from the calendar
Select **Options** > **Delete notes** > **All notes**.

View the to-do list
Select **Menu** > **Organiser** > **To-do list**.

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

Maps

You can browse maps for different cities and countries, search for addresses and points of interest, plan routes from one location to another, save locations as landmarks, and send them to compatible devices.

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.

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

Content such as satellite images, guides, weather and traffic information and related services are generated by third parties independent of Nokia. The content may be inaccurate and incomplete to some extent and is subject to availability. Never rely solely on the aforementioned content and related services.

To use the Maps application, select **Menu** > **Maps** and from the available options.

Download maps
Your phone may contain pre-installed maps on the memory card. You can download a new set of maps through the internet using the Nokia Map Loader PC software.

Nokia Map Loader
To download the Nokia Map Loader on your PC and for further instructions, see www.maps.nokia.com.

Before you download new maps for the first time, ensure that you have a memory card inserted in the phone.

Select **Menu** > **Maps** to do an initial configuration.

To change the selection of maps on your memory card, use the Nokia Map Loader to delete all maps on the memory card and download a new selection, to ensure that all maps are from the same release.

Network map service
You can set your phone to automatically download maps that you do not have in your phone when needed.

Select **Menu** > **Maps** > **Settings** > **Network settings** > **Allow network usage** > **Yes** or **In home network**.

To prevent automatic download of maps, select **No**.

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

Maps and GPS

Your device does not have an internal GPS antenna. To use applications that require a GPS connection, use a compatible external GPS receiver (accessory sold separately). Pair the GPS receiver with your device using Bluetooth wireless technology. For more information, see the user guide of the GPS receiver.

You can use the Global Positioning System (GPS) to support the Maps application. Find out your location, or measure distances and plot coordinates.

After pairing your device with an external GPS receiver, it may take several minutes for the device to display the current location.

The Global Positioning System (GPS) is operated by the government of the United States, which is solely responsible for its accuracy and maintenance. The accuracy of location data can be affected by adjustments to GPS satellites made by the United States government and is subject to change with the United States Department of Defense civil GPS policy and the Federal Radionavigation Plan. Accuracy can also be affected by poor satellite geometry. Availability and quality of GPS signals may be affected by your location, buildings, natural obstacles, and weather conditions. GPS signals may not be available inside buildings or underground and may be impaired by materials such as concrete and metal.

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

Extra services

You can upgrade Maps with a full voice-guided navigation, which requires a regional licence.

To use this service, you need a compatible external GPS device that supports Bluetooth wireless technology.

To purchase a navigation service with voice guidance, select **Menu** > **Maps** > **Extra services** > **Purchase navigation**, and follow the instructions.

To use navigation with voice guidance, you must allow the Maps application to use a network connection.

The navigation licence is connected to your SIM card. If you insert another SIM card in your phone, you are asked to purchase a licence when starting navigation. During the

purchase procedure, you are offered to transfer the existing navigation licence to the new SIM card without extra charge.

Web or Internet

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

Depending on your phone, the web browsing function may be displayed as Web or Internet in the menu, hereafter referred to as Web.

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

For the availability of these services, pricing, and instructions, contact your service provider.

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

Connect to a web service

Select **Menu** > **Web** > **Home**. Or, in the standby mode, press and hold **0**.

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

SIM services

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

Green tips

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

Save energy

When you have fully charged the battery and disconnected the charger from the device, remember to also 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 you are not using them.
- 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 tones. Set the volume of your device to an average level.

Recycle

Did you remember to recycle your old device? 65-80% of the materials in a Nokia mobile phone can be recycled. Always return your used electronic products, batteries, and packaging materials to a dedicated collection point. By doing this, you help prevent uncontrolled waste disposal and promote the recycling of materials. Check how to recycle your Nokia products at www.nokia.com/werecycle or www.nokia.mobi/werecycle.

You may recycle the packaging and user guides at your local recycling scheme.

Learn more

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

Accessories

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

Battery
Battery and charger information
Your device is powered by a rechargeable battery. The battery
intended for use with this device is BL-5C. 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-3. 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.

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 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.

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/battery.

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.

*   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 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/werecycle, or nokia.mobi/werecycle.

The crossed-out wheeled-bin symbol on your product, battery, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. This requirement applies in the European Union. Do not dispose of these products as unsorted municipal waste. For more environmental information, see the product Eco-Declarations at www.nokia.com/environment.

Additional safety information
The surface of this device is nickel-free.

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 centimetres (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. The device may attempt to make emergency calls over both the cellular networks and through your internet call provider if both are activated. 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 1.02 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.

DECLARATION OF CONFORMITY

CE 0434

Hereby, NOKIA CORPORATION declares that this RM-578 product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at http://www.nokia.com/phones/declaration_of_conformity/.

Includes RSA BSAFE cryptographic or security protocol software from RSA Security.

Java and all Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc.

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The availability of particular products and applications and services for these products may vary by region. Please check with your Nokia dealer for details and availability of language options. This device may contain commodities, technology or software subject to export laws and regulations from the US and other countries. Diversion contrary to law is prohibited.

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

FCC/INDUSTRY CANADA NOTICE

Your device may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC or Industry Canada can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, contact your local service facility. This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by Nokia could void the user's authority to operate this equipment.

Some operations and features are SIM card and/or network dependent, MMS dependent, or dependent on the compatibility of devices and the content formats supported. Some services are subject to a separate charge.

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.