Nokia 3208c User Guide

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Issue 1

Contents

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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.

WATER-RESISTANCE

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

General information

About your device

The wireless device described in this guide is approved for use on the EGSM 900, 1800, 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 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.

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. 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.

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.

Access codes

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

• The PIN code, supplied with the SIM card, helps to protect the card against unauthorised use.

• The PIN2 code, supplied with some SIM cards, is required to access certain services.

• PUK and PUK2 codes may be supplied with the SIM card. If you enter the PIN code incorrectly three times in succession, you are asked for the PUK code. If the codes are not supplied, contact your service provider.

• The security code helps to protect your phone against unauthorised use. 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 barring password is required when using the call barring service to restrict calls to and from your phone (network service).

• To view or change the security module settings for the web browser, select **Menu** > **Settings** > **Security** > **Security module sett.**.

Configuration setting service

To use some of the network services, such as mobile internet services, the multimedia messaging service (MMS), Nokia Xpress audio messaging, or remote internet server synchronisation, your phone needs the correct configuration settings. For more information on availability, contact your service provider or the nearest authorised Nokia dealer, or visit the support area on the Nokia website. See "Nokia support", p. 8.

When you have received the settings as a configuration message and the settings are not automatically saved and activated, **Configuration settings received** is displayed.

To save the settings, select **Show** > **Save**. If required, enter the PIN code supplied by the service provider.

Download content

You may be able to download new content (for example, themes) to your phone (network service).

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

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

Helpful hints

If you have queries with your phone, or you are unsure how your phone should function, refer to the user guide. If this does not help, try the following:

• Reset the phone: switch off the phone, and remove the battery. After a few seconds, insert the battery, and switch on the phone.

- Restore the factory settings. See "Restore factory settings", p. 37.
- Update your phone software with the Nokia Software Updater application, if available. See "Software updates", p. 8.
- Visit a Nokia website, or contact Nokia Care. See "Nokia support", p. 8.

If a query remains unresolved, contact your local Nokia Care point for repair options. Before sending your phone for repair, always back up or make a record of data in your phone.

Software updates

Nokia may produce software updates that may offer new features, enhanced functions, or improved performance. You may be able to request these updates through the Nokia Software Updater PC application. To update the device software, you need the Nokia Software Updater application and a compatible PC with Microsoft Windows 2000, XP, or Vista operating system, broadband internet access, and a compatible data cable to connect your device to the PC.

To get more information and to download the Nokia Software Updater application, see www.nokia.com.cn/softwareupdate or your local Nokia website.

If software updates over the air are supported by your network, you may also be able to request updates using your phone. See "Software updates over the air", p. 36.

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

Nokia support

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

Configuration settings service
Download free configuration settings such as MMS, GPRS, e-mail, and other services for your phone model at www.nokia.com.cn/settings.

Nokia PC Suite
You may find PC Suite and related information on the Nokia website at www.nokia.com.cn/pcsuite.

Nokia Care services

NOKIA
Care

If you need to contact Nokia Care services, check the list of local Nokia Care contact centres at www.nokia.com.cn/contactus.

Maintenance
For maintenance services, check your nearest Nokia Care point at www.nokia.com.cn/repair.

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.

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Get started

Insert SIM card and battery

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

This phone is intended for use with a BL-5C battery. Always use original Nokia batteries.

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

Before you can insert or remove the SIM card, you must remove the battery.
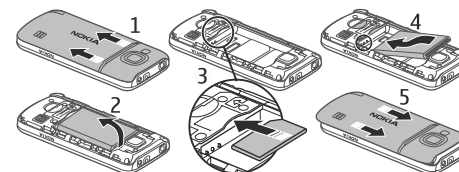
1   Push the back cover toward the bottom of the phone, and remove it.
2   Remove the battery.
3   Insert the SIM card into the holder with the contact surface facing down.

4   Line up the battery contacts, and insert the battery.

5   Replace the back cover.

Insert a memory 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 8GB.
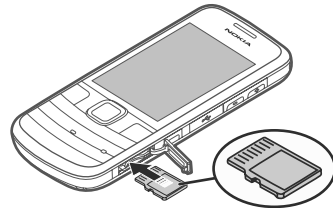
1   Open the memory card cover.

2   Insert the memory card into the memory card slot with the contact surface facing up, and press it until it locks into place.

3   Close the memory card cover.

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.

You can remove or replace the memory card during phone operation without switching the device off.

1   Ensure that no application is currently accessing the memory card.

2   Open the memory card cover.

3   Press the memory card slightly to release the lock, and remove it.

4   Close the memory card cover.

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.

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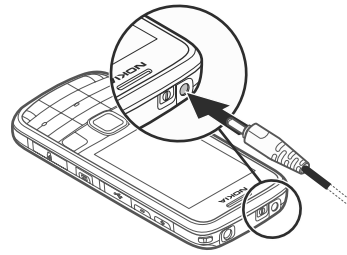
2   Connect the adapter cable to the USB connector of the charger.
3   Connect the adapter cable to the device.
4   When the device indicates a full charge, disconnect the charger from the device, then from the wall outlet.

Use the adapter cable with the USB connector only for charging. It is not a data cable.

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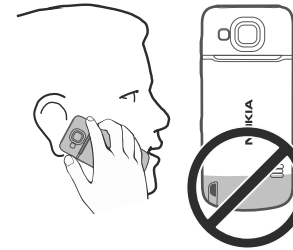
Your device may have internal and external antennas. Avoid touching the antenna area unnecessarily while the antenna is transmitting or receiving. Contact with antennas affects the communication quality and may cause a higher power level during operation and may reduce the battery life.

The figure shows the antenna area marked in grey.

Headset

Warning:
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.

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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.

Strap

1   Open the back cover.
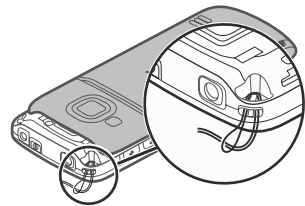
2   Hook a strap behind the clamp, and close the back cover.

Keys and parts

1   Display
2   Navi™ key (scroll key)
3   Call key
4   Keypad
5   Earpiece
6   End key
7   Left and right selection keys
8   Headset connector / Nokia AV connector (3.5 mm)
9   Power key
10 Charger connector
11 Strap eyelet

12 Volume up key
13 Volume down key
14 Micro USB cable connector
15 Camera key
16 Memory card cover
17 Mirror
18 Camera lens
19 Loudspeaker
20 Stylus
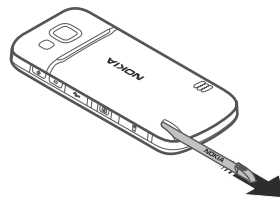
To remove the stylus, push it toward the bottom of the phone.

Important: Use only a stylus approved by Nokia for use with this device. Using any other stylus may invalidate any warranty applying to the device and may damage the touch screen. Avoid scratching the touch screen. Never use an actual pen or pencil or other sharp objects to write on the touch screen.

Switch the phone on and off

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

If the phone prompts for a PIN code, enter the code (displayed as ****).

If the phone prompts you for the time and date, enter the local time, select the time zone of your location in terms of the time difference with respect to Greenwich Mean Time (GMT), and enter the date. See "Date and time", p. 33.

If the phone prompts you to calibrate the screen, follow the instructions on the display.

When you switch on your phone for the first time, you may be prompted to get the configuration settings from your service provider (network service). For more information, see "Configuration", p. 35, and "Configuration setting service", p. 7.

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

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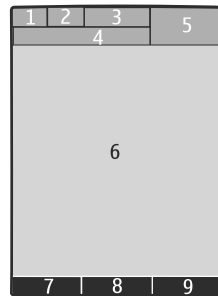
Display

1 Signal strength of the cellular network
2 Battery charge level
3 Indicators
4 Name of the network or the operator logo
5 Clock
6 Display
7 Function of the left selection key
8 Function of the Navi key (scroll key)
9 Function of the right selection key

You can change the function of the left and right selection key. See "Left and right selection keys", p. 33.

Power saving

Your phone has power saver and sleep mode features to save battery power in the standby mode when no keys are pressed. These features may be activated. See "Display", p. 32.

Active standby

The active standby mode displays a list of selected phone features and information that you can directly access.

To activate or deactivate the active standby mode, select **Menu** > **Settings** > **Display** > **Active standby** > **Active standby mode**.

In the active standby mode, scroll up or down to navigate in the list, and choose **Select** or **View**. The arrows indicate that further information is available. To stop navigation, select **Exit**.

To organise and change the active standby mode, select **Options** and from the available options.

Shortcuts in the standby mode

To access a list of numbers you have dialled, press the call key once. To call a number from the list, scroll to the number or name, and press the call key.

To open the web browser, press and hold **0**.

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

You can use keys as shortcuts. See "Dialling shortcuts", p. 17.

Indicators

✉	You have unread messages.
☡	You have unsent, cancelled, or failed messages.
⌐0	The keypad is locked.
✗	The phone does not ring for incoming calls or text messages.
⌖	An alarm is set.
G / E	The phone is registered to the GPRS or EGPRS network.
G / E	The phone has an open GPRS or EGPRS connection.
G / E	The GPRS or EGPRS connection is suspended (on hold).
⓫	Bluetooth connectivity is turned on.
2	If you have two phone lines, the second phone line is selected.
↱	All incoming calls are diverted to another number.
ⵅ	Calls are limited to a closed user group.
⏱	The currently active profile is timed.

Flight mode

Use the flight mode in radio sensitive environments—on board aircraft or in hospitals—to deactivate all radio frequency functions. You still have access to offline games, the calendar, and phone numbers. When the flight mode is active, ✈ is displayed.

To activate or set up the flight mode, select **Menu** > **Settings** > **Profiles** > **Flight** > **Activate** or **Personalise**.

To deactivate the flight mode, select any other profile.

Make an emergency call in flight mode
Enter the emergency number, press the call key, and when **Exit flight profile?** is displayed, select **Yes**.

Warning:
With the Flight profile you cannot make or receive any calls, or use other features that require network coverage. To make calls, you must first activate the phone function by changing profiles. If the device has been locked, enter the lock code.

Keypad lock

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

To unlock the keypad, select **Unlock**, and press ***** within 1.5 seconds. If requested, enter the lock code.

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

Further features are **Automatic keyguard** and **Security keyguard**. See "Phone", p. 34.

Connect a USB cable

Open the cover of the USB connector, and connect the USB cable to the device.
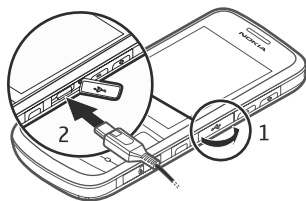
Functions without a SIM card

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.

Calls

Make a call

You can make a call in several ways:

• Enter the phone number, including the area code, and press the call key.

  For international calls, press ***** twice for the international prefix (the **+** character replaces the international access code), enter the country code, the area code without the leading 0, if necessary, and the phone number.

• To access the list of dialled numbers, press the call key once in the standby mode. Select a number or name, and press the call key.

• Search for a name or phone number that you saved in Contacts.See "Manage contacts", p. 27.

To adjust the volume in a call, press the volume key up or down.

Incoming call

To answer an incoming call, press the call key. To end the call, press the end key.

To reject an incoming call, press the end key. To mute the ringing tone, select **Silence**.

Dialling shortcuts

First assign a phone number to one of the number keys, 2 to 9. See "Assign dialling shortcuts", p. 29.

Use a dialling shortcut to make a call in one of the following ways:

- Press a number key, then the call key.
- If **Menu** > **Settings** > **Call** > **Speed dialling** > **On** is selected, press and hold a number key.

Voice dialling

Make a phone call by saying the name that is saved in Contacts.

As voice commands are language-dependent, before voice dialling, you must select **Menu** > **Settings** > **Phone** > **Language settings** > **Recognition lang.** and your 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.

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

Options during a call

Many of the options that you can use during a call are network services. For availability, contact your service provider.

During a call, select **Options**. The available options may include the following:

Call options are **Mute** or **Unmute**, **Contacts**, **Menu**, **Lock keypad**, **Record**, **Voice clarity**, **Loudspeaker** or **Handset**.

Network options are **Answer** or **Reject**, **Hold** or **Unhold**, **New call**, **Add to conference**, **End call**, **End all calls**, and the following:

Send DTMF — to send tone strings

Swap — to switch between the active call and the call on hold

Transfer — to connect a call on hold to an active call and disconnect yourself

Conference — to make a conference call

Private call — to have a private discussion in a conference call

Handwriting recognition
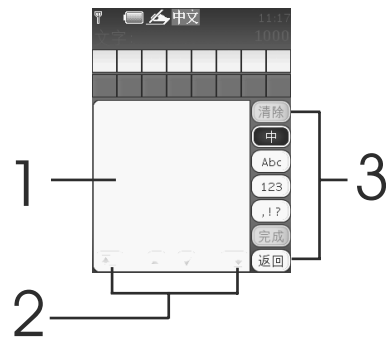
1 Handwriting area
2 Icons for moving the cursor
3 Function icons

Enter the Chinese characters according to the handwriting input window.

Activate handwriting recognition input mode

Tap a text field indicated with   .

Select a function

Tap a function icon on the right side of the input window.

Choose the recognition range for Chinese or English

Select 中 or**Abc**. The strokes you draw are first recognised by the active recognition range.

Enter a Chinese character, letter, number, or special character

Write it upright in the handwriting area within the time-out period, and select from the displayed candidates. Continue to select from the prediction list, or start to write new text.

Delete the character before the cursor

Select **Clear**.

Confirm the text you have entered, and close the handwriting input window

Select **Done**.

Use handwriting gestures

Draw gesture 1 for space, 2 for backspace, 3 for line feed, or 4 to repeat the last character before the cursor.

Move the cursor up or down

Tap ⬆ or ⬇.

Move the cursor to the beginning or end of the text

Tap ⬅ or ➡.

Chinese input

The input methods available in the phone are preset according to the market where it will be sold.

This phone supports simplified Chinese input methods.

To change the writing language when writing text, press and hold **#**, and select **Writing language** and the desired language.

Switch between input methods

Input method indicators are shown at the top of the display:

Pinyin	pinyin
Stroke	一丨丿丶乛
Uppercase	ABC Abc
Lowercase	abc
Number input	123

Not all the methods may be available in all circumstances. Always check the indicator to see which input method is in use.

To switch between the available input methods, press **#** repeatedly, until the indicator of the desired input method is displayed.

Pinyin input method
Pinyin input

The pinyin symbols are printed on the number keys. You only need to press a key once, regardless of the position of the symbol on the number key. The phone makes logical combinations of the pinyin symbols.

To input a character using the pinyin input method:

1 Press the number key once for each pinyin symbol you want to input (use "**v**" for "**u**").
2 Press **1** repeatedly until you get the desired tone mark.
3 If necessary, press ***** repeatedly to highlight the desired pinyin combination.
4 Scroll to the desired Chinese character, and select **OK**.

Ambiguous Pinyin

With this feature, your phone will tolerate ambiguity of certain pinyin pairs: c/ch, z/zh, s/sh, n/l, r/l, f/h, an/ang, in/ing, and en/eng. To select which ambiguous pinyin pairs to

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use, when no input symbol or prediction list is displayed, select **Options** > **Ambiguous pinyin**.

Stroke input method

The strokes constituting Chinese characters have been divided into five categories: horizontal, vertical, left-falling, dot, and turning. Each category corresponds to a number key from **1** to **5**, respectively.

按鍵	1	2	3	4	5
基本筆劃	一	｜	ノ	丶	㇕

The strokes are classified according to the following table:

數字鍵	基本筆劃	筆劃變形舉例	例字	説明
1	橫 一	一 ╱ ╹	十、慧 七、冰 羽、輪、泰	提 (╱) 歸爲橫 基本運筆方向：左 → 右
2	竪 ｜	｜ ｜	十 了、小、利	竪鉤 (亅) 歸爲竪 基本運筆方向：上 → 下
3	撇 ノ	ノ	人、川、牛 小、常	基本運筆方向：上 → 左下 (注意撇與提的區別)
4	點 丶	丶 ′	主 心、家 入、邊	捺 (丶) 歸爲點 基本運筆方向： 左上 → 右下 (注意左點也包括在內)
5	折 ㇕	乙 ㇆ フ ㇅ ㇈ ㇉ ㇌ ㇛ ㇋ ㄥ く) ㇄ ㇗	乙 安 口、習、內 除、建 與、鳥、凹 鳩、飛 兒 各 以 能、雲、好 獨 代、心	包含各種帶轉折的筆劃 (注意左竪鉤除外)

1 In the standard stroke order, press the number keys to input the strokes.

   If you are not sure which stroke to use or which category it belongs to, press **6** to substitute that stroke, then continue with the subsequent strokes. A question mark appears in the input area to represent that stroke.

2 Scroll to the desired Chinese character, and select **OK**.

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Phrase input

You may input a phrase of no more than seven Chinese characters at a time.

1   Press the relevant number keys to enter the syllable or pinyin initial, or first strokes for the first character of the phrase.
2   Press **0** to enter a separator; or, if in the pinyin mode, press **1** repeatedly to enter the tone mark of the character.
3   Enter the syllable or pinyin initial, or first strokes of the next Chinese character.
4   Repeat step 2 and 3, if necessary, to enter the syllables or pinyin initials, or first strokes of all the characters in the phrase.
5   If in the pinyin mode, press ***** repeatedly, if necessary, to highlight the pinyin combination you want.
6   Scroll through the candidate list to the desired phrase, and select **OK**.

Not all phrases are stored in your phone. To create a phrase of no more than seven characters, when no input symbol or prediction list is displayed, select **Options** > **User phrases** > **Add**. When the database becomes full, the new phrase replaces the phrase that has not been accessed for the longest time.

Use a separator to separate pinyin strings for syllables of different characters or the strokes of different characters.

When you enter a separator, the phone predicts characters or character strings that can form a phrase with the possible candidates of the combination of pinyin or stroke strings and separators, if any, that you have entered.

Set predictive English on or off

When writing text in English, to switch predictive text input on or off, press and hold **#**, and select **Prediction on** or **Prediction off**.

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 *****. To insert a space, press **0**.

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.

Writing text tips

The following functions may also be available for writing text:

- To insert a number when no input symbol is displayed, press and hold the desired number key.
- To insert a space when there is no candidate or prediction list displayed, press **0**.
- To enter a special character after you have finished entering a word or character, press *****.
- To end the Chinese character prediction, select **Back**, or press the relevant keys to start entering new text.

Navigate the menus

The phone offers you an extensive range of functions that are grouped into menus.

1   To access the menu, select **Menu**.
2   Scroll through the menu, and select an option (for example, **Settings**).
3   If the selected menu contains further submenus, select one (for example, **Call**).
4   If the selected menu contains further submenus, repeat step 3.
5   Select the setting of your choice.
6   To return to the previous menu level, select **Back**.

   To exit the menu, select **Exit**.

To change the menu view, select **Options** > **Main menu view** > **List**, **Grid**, **Grid with labels**, or **Tab**.

To rearrange the menu, scroll to the menu to be moved, and select **Options** > **Organise** > **Move**. Scroll to where you want to move the menu, and select **OK**. To save the change, select **Done** > **Yes**.

Messaging

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

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.

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

Before you can send any text or SMS e-mail messages, you must save your message centre number. Select **Menu** > **Messaging** > **Message settings** > **Text messages** > **Message centres** > **Add centre**, 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.

Read a message and reply

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

You get a notification when you receive a message. Select **View** to display the message. If more than one message was received, to display a message, select the message from the Inbox and **Open**. Use the scroll key to view all parts of the message.

To view a multimedia message automatically, select **Play**.

To reply to the message, select **Reply**.

Send messages
Message sending

To send the message, select **Send**. The phone saves the message in the **Outbox** folder, and the sending starts.

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

If message sending is interrupted, the phone tries to resend the message a few times. If these attempts fail, the message remains in the **Outbox** folder. To cancel the sending of the messages in the **Outbox** folder, select **Options** > **Cancel sending**.

To save the sent messages in the **Sent items** folder, select **Menu** > **Messaging** > **Message settings** > **General settings** > **Save sent messages**.

Organise your messages
The phone saves received messages in the **Inbox** folder. Organise your messages in the saved items folder.

To add, rename, or delete a folder, select **Menu** > **Messaging** > **Saved items** > **Options**.

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

Before you can use e-mail, you must have an e-mail account and the correct settings. To check the availability and the settings of your e-mail account, contact your e-mail service provider. You may receive the e-mail configuration settings as a configuration message. See "Configuration setting service", p. 7.

E-mail setup wizard

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

Write and send an e-mail

You may write your e-mail before connecting to the e-mail service.

1   Select **Menu** > **Messaging** > **Create message** > **E-mail message**.
2   Enter the recipient's e-mail address, the subject, and the e-mail message. To attach a file, select **Options** > **Insert** and from the available options.
3   If more than one e-mail account is defined, select the account from which you want to send the e-mail.
4   To send the e-mail, select **Send**.

Read an e-mail and reply

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

1   To download e-mail message headers, select **Menu** > **Messaging** and your e-mail account.
2   To download an e-mail and its attachments, select the e-mail and **Open** or **Retrieve**.
3   To reply to or forward the e-mail, select **Options** and from the available options.
4   To disconnect from your e-mail account, select **Options** > **Disconnect**. The connection to the e-mail account automatically ends after some time without activity.

New e-mail notifications

Your phone can automatically check your e-mail account in time intervals and issue a notification when new e-mail is received.

1   Select **Menu** > **Messaging** > **Message settings** > **E-mail messages** > **Edit mailboxes**.
2   Select your e-mail account, **Downloading sett.,** and the following options:

Mailbox upd. interval — to set how often your phone checks your e-mail account for new e-mail

Automatic retrieval — to retrieve new e-mail automatically from your e-mail account

3   To enable the new e-mail notification, select **Menu** > **Messaging** > **Message settings** > **E-mail messages** > **New e-mail notif.** > **On**.

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. See "Voice recorder", p. 41.

3   Enter one or more phone numbers in the **To:** field, or select **Add** to retrieve a number.

4   To send the message, select **Send**.

Instant messaging

With instant messaging (IM, network service) you can send short text messages to online users. You must subscribe to a service and register with the IM service you want to use. Check the availability of 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.

Info messages, SIM messages, and service commands

Info messages

You can receive messages on various topics from your service provider (network service). For more information, contact your service provider.

Select **Menu** > **Messaging** > **Info messages** and from the available options.

Service commands

Service commands allow you to write and send service requests (USSD commands) to your service provider, such as activation commands for network services.

To write and send the service request, select **Menu** > **Messaging** > **Serv. commands**. For details, contact your service provider.

SIM messages

SIM messages are specific text messages that are saved to your SIM card. You can copy or move those messages from the SIM to the phone memory, but not vice versa.

To read SIM messages, select **Menu** > **Messaging** > **Options** > **SIM messages**.

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

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

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

E-mail messages — to allow e-mail reception, to set the image size in e-mail, and to set up other preferences related to e-mail

Service messages — to activate service messages and to set up preferences related to service messages

Contacts

You can save names, phone numbers as contacts in the phone memory and on the SIM card memory and search and recall them to make a phone call or to send a message.

The phone functions that display names use the phone number that most closely matches. If less than 7 digits match, the name displayed may not be correct.

Manage contacts

Select the memory for contacts

The phone memory can save contacts with additional details, such as various phone numbers and text items. You can also

save an image, a tone, or a video clip for a limited number of contacts.

The SIM card memory can save names with one phone number attached to them. The contacts saved in the SIM card memory are indicated by   .

Select **Menu** > **Contacts** > **Settings** > **Memory in use**. When you select **Phone and SIM**, contacts will be saved in the phone memory.

Save names and numbers
To save a name and phone number, select **Menu** > **Contacts** > **Names** > **Options** > **Add new contact**.

The first number you save is automatically set as the default number and is indicated with a frame around the number type indicator (for example,   ). When you select a name from contacts (for example, to make a call), the default number is used unless you select another number.

Search for a contact
To search for a contact, select **Menu** > **Contacts** > **Names** > **Options** > **Search**. Enter the first characters of the name, and select **Search**.

To search for a contact with the pop-up window, in the standby mode, scroll down to highlight the first name (or number). Enter the first input symbol of the name you search for. The symbol is displayed in a pop-up window. You may enter more symbols in the pop-up window. The matching

names are displayed. The names may not be listed in the same order as in **Names**.

To change the input method when you search for a contact, press **#**.

Add and edit details
To add or change a detail to a contact, select the contact and **Details** > **Options** > **Add detail** and from the available options.

Copy or move a contact between the SIM card and phone memory
1 Select **Menu** > **Contacts** > **Names**.
2 Select the contact to copy or move and **Options** > **Copy contact** or **Move contact**.

Copy or move several contacts between the SIM card and phone memory
1 Select the first contact to copy or move and **Options** > **Mark**.
2 Mark the other contacts, and select **Options** > **Copy marked** or **Move marked**.

Copy or move all contacts between the SIM card and phone memory
Select **Menu** > **Contacts** > **Copy contacts** or **Move contacts**.

Delete contacts

Select the contact and **Options** > **Delete contact**.

To delete all the contacts from the phone or SIM card memory, select **Menu** > **Contacts** > **Del. all contacts** > **From phone memory** or **From SIM card**.

To delete a number, text item, or an image attached to the contact, search for the contact, and select **Details**. Scroll to the desired detail, and select **Options** > **Delete** and from the available options.

Create a contact group

Arrange contacts into caller groups with different ringing tones and group images.

1 Select **Menu** > **Contacts** > **Groups**.
2 To create a new group, select **Add** or **Options** > **Add new group**.
3 Enter the group name, select an image and a ringing tone if you want to add them to the group, and select **Save**.
4 Select the group and **View** > **Add** to add contacts to the group.

Business cards

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

To send a business card, search for the contact, and select **Details** > **Options** > **Send business card**.

When you receive a business card, select **Show** > **Save** to save the business card in the phone memory.

Assign dialling shortcuts

Create shortcuts by assigning phone numbers to the number keys 2-9.

1 Select **Menu** > **Contacts** > **Speed dials**, and scroll to a number key.
2 Select **Assign**, or, if a number has already been assigned to the key, select **Options** > **Change**.
3 Enter a number or search for a contact.

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.

Connectivity

Your phone provides several features 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, network access, generic object change, service discovery application, advanced audio distribution, audio video remote control, handsfree, headset, object push, file transfer, dial-up networking, SIM access, and serial port. 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**. ᙀ 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 connect your phone with any Bluetooth device in range, select **Paired devices** > **New**.

    Select a device and **Pair**.

    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 set the packet data connection to established when required by an application. The connection will be cut when the application is closed.

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 or a USB data cable. For details, see Nokia PC Suite documentation. See "Nokia support", p. 8.

USB data cable

You can use the USB data cable to transfer data between the phone and a compatible PC or a printer supporting PictBridge.

To activate the phone for data transfer or image printing, connect the data cable, and select the mode:

Ask on conn. — to set your phone to ask whether the connection should be established

PC Suite — to use the cable for PC Suite

Printing & media — to use the phone with a PictBridge compatible printer or with a compatible PC

Data storage — to connect to a PC that does not have Nokia software and use the phone as data storage

To change the USB mode, select **Menu** > **Settings** > **Connectivity** > **USB data cable** and the desired USB mode.

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).

Nokia PC Suite

With Nokia PC Suite, you can manage your music, synchronise contacts, calendar, notes, and to-do notes between your phone and a compatible PC or a remote internet server (network service). You may find more information and PC Suite on the Nokia website. See "Nokia support", p. 8.

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.

Themes

A theme contains elements for personalising your phone.

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

Select theme — Open the **Themes** folder, and select a theme.

Theme downloads — Open a list of links to download more themes.

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.

Lights

To activate or deactivate light effects associated with different phone functions, select **Menu** > **Settings** > **Lights**.

Display

Select **Menu** > **Settings** > **Display** and from the available options:

Wallpaper — to add a background image for the standby mode

Active standby — to activate, organise, and personalise the active standby mode

Standby font colour — to select the font colour for the standby mode

Navigation key icons — to display the icons of the scroll key shortcuts in the standby mode when active standby is off

Notification details — to display details in missed call and message notifications

Transition effects — to activate a smoother and more organic navigation experience

Screen saver — to create and set a screen saver

Power saver — to dim the display automatically and to display a clock when the phone is not used for a certain time

Sleep mode — to switch off the display automatically when the phone is not used for a certain time

Font size — to set the font size for messaging, contacts, and web pages

Operator logo — to display the operator logo

Cell info display — to display the cell identity, if available from the network

Date and time

To change the clock type, time, time zone, or date, select **Menu** > **Settings** > **Date and time**.

When travelling to a different time zone, select **Menu** > **Settings** > **Date and time** > **Date & time settings** > **Time zone:**, and scroll left or right to select the time zone of your location. The time and date are set according to the time zone and enable your phone to display the correct sending time of received text or multimedia messages.

For example, GMT -5 denotes the time zone for New York (USA), 5 hours west of Greenwich, London (UK).

My shortcuts

With personal shortcuts you get quick access to often used functions of the phone.

Left and right selection keys

To change the function assigned to the left or right selection key, select **Menu** > **Settings** > **My shortcuts** > **Left selection key** or **Right selection key** and the function.

In the standby mode, if the left selection key is **Go to**, to activate a function, select **Go to** > **Options** and from the following options:

Select options — to add or remove a function

Organise — to rearrange the functions

Other shortcuts

Select **Menu** > **Settings** > **My shortcuts** and from the following options:

Navigation key — to assign other functions from a predefined list to the navigation key (scroll key).

Active standby key — to select the movement of the navigation key to activate the active standby mode

Call

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

Call divert — to divert your incoming calls (network service). You may not be able to divert your calls if some call barring functions are active. See "Security", p. 36.

Anykey answer — to answer an incoming call by briefly pressing any key, except the power key, the left and right selection keys, or the end key

Automatic redial — to automatically redial the number if a call fails. The phone tries to call the number 10 times.

Voice clarity — to enhance speech intelligibility, especially in noisy environments

Speed dialling — to dial the names and phone numbers assigned to the number keys (2 to 9) by pressing and holding the corresponding number key

Call waiting — to have the network notify you of an incoming call while you have a call in progress (network service)

Call duration display — Select **On** to display the duration of the call in progress

Summary after call — to briefly display the approximate duration after each call

Send my caller ID — to show your phone number to the person you are calling (network service). To use the setting agreed upon with your service provider, select **Set by network**.

Outgoing call line — to select the phone line for making calls, if your SIM card supports multiple phone lines (network service)

Phone

Select **Menu** > **Settings** > **Phone** and from the following:

Language settings — to set the display language of your phone, select **Phone language** and a language. To set the language according to the information on the SIM card, select **Phone language** > **Automatic**. To set a language for the voice commands, select **Recognition lang.**.

Memory status — to check the memory consumption

Automatic keyguard — to lock the keypad automatically after a preset time delay when the phone is in the standby mode and no function has been used

Security keyguard — to ask for the security code when you unlock the keyguard

Voice recognition — See "Voice commands", p. 35.

Flight query — to be asked whether to use the flight mode when you switch the phone on. With the flight mode, all radio connections are switched off.

Phone updates — to receive software updates from your service provider (network service). This option may not be available, depending on your phone. See "Software updates over the air", p. 36.

Operator selection — to set a cellular network available in your area

Help text activation — to select whether the phone shows help texts

Start-up tone — to play a tone when you switch the phone on

Confirm SIM actions — (network service) See "SIM services", p. 47.

Voice commands

Call contacts and use your phone by speaking a voice command.

Voice commands are language-dependent. To set the language, select **Menu** > **Settings** > **Phone** > **Language settings** > **Recognition lang.** and your language.

To train the voice recognition of your phone to your voice, select **Menu** > **Settings** > **Phone** > **Voice recognition** > **Voice recog. training**.

To 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.

To activate the voice command, select **Add**. To play the activated voice command, select **Play**.

To use voice commands, see "Voice dialling", p. 17.

To manage the voice commands, scroll to a function, and select **Options** and from the following:

Edit or **Remove** — to rename or deactivate the voice command

Add all or **Remove all** — to activate or deactivate voice commands for all functions in the voice commands list

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.See "Configuration setting service", p. 7.

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

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**.

Software updates over the air

Your service provider may send phone software updates over the air directly to your phone (network service). This option may not be available, depending on your phone.

Downloading software updates may involve the transmission of large amounts of data (network service).

Make sure that the device battery has enough power, or connect the charger before starting the update.

Warning:
If you install a software update, you cannot use the device, even to make emergency calls, until the installation is completed and the device is restarted. Be sure to back up data before accepting installation of an update.

Software update settings

This option may not be available, depending on your phone.

To allow or disallow automatic software updates, select **Menu** > **Settings** > **Phone** > **Phone updates** > **Automatic SW update**.

Request a software update

1   Select **Menu** > **Settings** > **Phone** > **Phone updates** to request available software updates from your service provider.

2   Select **Current softw. details** to display the current software version and check whether an update is needed.

3   Select **Downl. phone softw.** to download and install a software update. Follow the instructions on the display.

4   If the installation was cancelled after the download, select **Install softw. update** to start the installation.

The software update may take several minutes. If there are problems with the installation, contact your service provider.

Security

Select **Menu** > **Settings** > **Security** and from the following:

PIN code request — to request for your PIN code every time the phone is switched on. Some SIM cards do not allow the code request to be turned off.

Call barring service — to restrict incoming calls to and outgoing calls from your phone (network service). A barring password is required.

Fixed dialling — to restrict your outgoing calls to selected phone numbers if supported by your SIM card. When the fixed dialling is on, GPRS connections are not possible except while sending text messages over a GPRS connection. In this case, the recipient's phone number and the message centre number must be included in the fixed dialling list.

Closed user group — to specify a group of people whom you can call and who can call you (network service)

Security level — to request the security code whenever a new SIM card is inserted into the phone, select **Phone**. To

request the security code when the SIM card memory is selected, and you want to change the memory in use, select **Memory**.

Access codes — to change the security code, PIN code, PIN2 code, or barring password

PIN2 code request — to select whether the PIN2 code is required when using a specific phone feature which is protected by the PIN2 code. Some SIM cards do not allow the code request to be turned off.

Code in use — to select the type of PIN code

Authority certificates or **User certificates** — to view the list of the authority or user certificates downloaded into your phone. See "Browser security", p. 43.

Security module sett. — to view **Secur. module details**, activate **Module PIN request**, or change the module PIN and signing PIN. See "Access codes", p. 6.

Restore factory settings

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

Restore settings only — Reset all preference settings without deleting any personal data.

Restore all — 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

Manage images, video clips, music files, themes, graphics, tones, recordings, and received files. These files are stored in the phone memory or on a memory card and may be arranged in folders.

Folders and files

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

To view the list of files in a folder, select a folder and **Open**.

To view the folders of the memory card when moving a file, scroll to the memory card, and press the scroll key right.

Print images

Your phone supports Nokia XpressPrint to print images that are in the jpeg format.

1   To connect your phone to a compatible printer, use a data cable or send the image by Bluetooth to a printer

supporting Bluetooth technology. See "Bluetooth wireless technology", p. 30.

2 Select the image you want to print and **Options** > **Print**.

Memory card

Use a memory card to store your multimedia files, such as video clips, music tracks, sound files, images, and messaging data.

Some of the folders in **Gallery** with content that the phone uses (for example, **Themes**) may be stored on the memory card.

Format the memory card
Some supplied memory cards are preformatted; others require formatting. When you format a memory card, all data on the card is permanently lost.

1 To format a memory card, select **Menu** > **Gallery** or **Applications**, the memory card folder , and **Options** > **Format mem. card** > **Yes**.

2 When formatting is complete, enter a name for the memory card.

Lock the memory card
To set a password (maximum 8 characters) to lock your memory card against unauthorised use, select the memory card folder and **Options** > **Set password**.

The password is stored in your phone, and you do not have to enter it again while you are using the memory card on the same phone. If you want to use the memory card on another device, you are asked for the password.

To remove the password, select **Options** > **Delete password**.

Check memory consumption
To check the memory consumption of different data groups and the available memory to install new software on your memory card, select the memory card and **Options** > **Details**.

Media

Camera and video
Take images or record video clips with the built-in camera.

Take a picture

To use the still picture function, press the camera key; or, if the video function is on, scroll left or right.

To zoom in and out in the camera mode, scroll up and down, or press the volume keys.

To take a picture, press the camera key. The phone saves the pictures on the memory card, if available, or in the phone memory.

To display a picture immediately after you take it, select **Options** > **Settings** > **Image preview time** and the preview time. During the preview time, select **Back** to take another picture.

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

Record a video clip

To activate the video function, press and hold the camera key; or, if the camera function is on, scroll left or right.

To start the video recording, select **Record** or press the camera key; to pause the recording, select **Pause** or press the camera key; to resume the recording, select **Continue** or press the camera key; to stop the recording, select **Stop**.

The phone saves the video clips on the memory card, if available, or in the phone memory.

Camera and video options

To use a filter, select **Options** > **Effects**.

To adapt the camera to the light conditions, select **Options** > **White balance**.

To change other camera and video settings and to select the image and video storage, select **Options** > **Settings**.

Music player
Your phone includes a music player for listening to music tracks or other MP3 or AAC sound files that you have downloaded from the web or transferred to the phone with Nokia PC Suite. See "Nokia PC Suite", p. 31. You can also view your recorded or downloaded video clips.

Music and video files stored in the music folder in the phone memory or on the memory card are automatically detected and added to the music library.

To open the music player, select **Menu** > **Media** > **Music player**.

Music menu
Access your music and video files stored in the phone memory or on the memory card, download music or video clips from the web, or view compatible video streams from a network server (network service).

To listen to music or play a video clip, select a file from **Playlists**, **Artists**, **Albums**, or **Genres**, and select **Play**.

To download files from the web, select **Options** > **Downloads** and a download site.

To update the music library after you have added files, select **Options** > **Update library**.

Create a playlist
To create a playlist with your selection of music, do the following:

1   Select **Playlists** > **Create playlist**, and enter the name of the playlist.
2   Add music or video clips from the displayed lists.
3   Select **Done** to store the playlist.

Configure a streaming service
You may receive the streaming settings as a configuration message from the service provider. See "Configuration setting service", p. 7. You can also enter the settings manually. See "Configuration", p. 35.

To activate the settings, do the following:

1   Select **Options** > **Downloads** > **Streaming settings** > **Configuration**.
2   Select a service provider, **Default**, or **Personal config.** for streaming.
3   Select **Account** and a streaming service account from the active configuration settings.

Play songs
To adjust the volume level, press the volume keys.

Operate the music player with the virtual keys on the display.

To start playing, select ▶.

To pause playing, select ❙❙.

To skip to the next song, select ▶▶❙. To skip to the beginning of the previous song, select ❙◀◀ twice.

To fast-forward the current song, select and hold ▶▶❙. To rewind the current song, select and hold ❙◀◀. Release the key at the position you want to continue the music playback.

To switch to the music menu, scroll up.

To switch to the current playlist, scroll down.

To close the music player menu, and to continue music playback in the background, press the end key.

To stop the music player, press and hold the end key.

Change the music player look
Your phone provides several themes to change the look of the music player.

Select **Menu** > **Media** > **Music player** > **Go to Music player** > **Options** > **Settings** > **Music player theme** and one of the listed themes. The virtual keys may change depending on the theme.

Radio

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

To adjust the volume level, press the volume keys of the phone.

To use the graphical keys on the display, scroll up, down, left, or right.

To switch the radio off, press and hold the end key.

Tune in to radio stations
Search and save stations
1 To start the search, select and hold or . To change the radio frequency in 0.05 MHz steps, briefly press or .
2 To save a station to a memory location, select **Options** > **Save station**.
3 To enter the name of the radio station, select **Options** > **Stations** > **Options** > **Rename**.

Select **Options** and from the following:

Search all stations — to automatically search for the available stations at your location

Set frequency — to enter the frequency of the desired radio station

Stations — to list and rename or delete saved stations

Change stations
Select or , or press the number key corresponding to the number of the station in the station list.

Radio features
To switch between headset and loudspeaker, or between stereo and mono output, select **Options** > **Settings**. To display information from the radio data system of the tuned in station, select **RDS on**. To enable the automatic switch to a frequency with the best reception of the tuned in station, select **Auto-freq. change on**.

Voice recorder
Record speech, sound, or an active call, and save the recordings in Gallery.

Select **Menu** > **Media** > **Voice recorder**. To use the graphical keys , , or on the display, scroll left or right.

The recorder cannot be used when a data call or GPRS connection is active.

Record sound

1 Select , or, during a call, select **Options** > **Record**. While recording a call, all parties to the call hear a faint beeping. To pause the recording, select .

2 To end the recording, select . The recording is saved in the Recordings folder in Gallery.

To play or send the last recording, to access the list of recordings, or to select where to store the recordings, select **Options** and the appropriate option.

Equaliser

Adjust the sound when using the music player.

Select **Menu** > **Media** > **Equaliser**.

To activate a predefined equaliser set, scroll to one of the sets, and select **Activate**.

Create a new equaliser set

1 Select one of the last two sets in the list and **Options** > **Edit**.

2 Scroll left or right to access the virtual sliders and up or down to adjust the slider.

3 To save the settings and create a name for the set, select **Save** and **Options** > **Rename**.

Stereo widening

Stereo widening creates a wider stereo sound effect when you are using a stereo headset.

To activate, select **Menu** > **Media** > **Stereo widening**.

Web

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

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

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

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.

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

Connect to a service

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

To select a bookmark, select **Menu** > **Web** > **Bookmarks**.

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

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

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

Appearance settings

While browsing the web, select **Options** > **Settings** and from the following:

Display — Select the font size, whether images are shown, and how the text is displayed.

General — Select whether web addresses are sent as Unicode (UTF-8), the encoding type for the contents, and whether JavaScript™ is enabled.

The available options may vary.

Cache memory

A cache is a memory location that is used to store data temporarily. If you have tried to access or have accessed confidential information requiring passwords, empty the cache after each use. The information or services you have accessed are stored in the cache.

A cookie is data that a site saves in the cache memory of your phone. Cookies are saved until you clear the cache memory.

To clear the cache while browsing, select **Options** > **Tools** > **Clear the cache**.

To allow or prevent the phone from receiving cookies, select **Menu** > **Web** > **Web settings** > **Security** > **Cookies**; or, while browsing, select **Options** > **Settings** > **Security** > **Cookies**.

Browser security

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

To view or change the security module settings, or to view a list of authority or user certificates downloaded to your phone, select **Menu** > **Settings** > **Security** > **Security module sett.**, **Authority certificates**, or **User certificates**.

Important: Even if the use of certificates makes the risks involved in remote connections and software installation considerably smaller, they must be used correctly in order to benefit from increased security. The existence of a certificate does not offer any protection by itself; the certificate manager must contain correct, authentic, or trusted certificates for increased security to be available. Certificates have a restricted lifetime. If "Expired certificate" or "Certificate not valid yet" is shown, even if the certificate should be valid, check that the current date and time in your device are correct.

Organiser

Alarm clock

To sound an alarm at a desired time.

Set the alarm
1 Select **Menu** > **Organiser** > **Alarm clock**.
2 Set the alarm on, and enter the alarm time.
3 To issue an alarm on selected days of the week, select **Repeat:** > **On** and the days.
4 Select the alarm tone.
5 Set the snooze time-out, and select **Save**.

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

Calendar

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

The current day is framed. If there are any notes set for the day, the day is in bold type. To view the day notes, select **View**. To view a week, select **Options** > **Week view**. To delete all notes in the calendar, select **Options** > **Delete notes** > **All notes**.

To edit settings related to date and time, select **Options** > **Settings** and from the available options. To delete old notes automatically after a specified time, select **Options** > **Settings** > **Auto-delete notes** and from the available options.

Make a calendar note
Scroll to the date, and select **Options** > **Make a note**. Select the note type, and fill in the fields.

Lunar calendar

To use the lunar calendar, the phone language must be Chinese.

To view lunar details of the highlighted day in the month view, select **Options** > **Lunar calendar**.

To search for a lunar festival, in the lunar day view, select **Lun. fest.**, enter the Gregorian year of the Spring festival, and select the desired lunar festival.

In the lunar day view, select **Options** and from the following:

Solar item — to search for a solar item.

Gregorian to lunar — to convert a Gregorian date to a lunar date.

Lunar to gregorian — to convert a lunar date to a Gregorian date.

To-do list

To save a note for a task that you must do, select **Menu** > **Organiser** > **To-do list**.

To make a note if no note is added, select **Add**; otherwise, select **Options** > **Add**. Fill in the fields, and select **Save**.

To view a note, scroll to it, and select **View**.

Notes

To write and send notes, select **Menu** > **Organiser** > **Notes**.

To make a note if no note is added, select **Add**; otherwise, select **Options** > **Make a note**. Write the note, and select **Save**.

Calculator

Your phone provides a standard, a scientific, and a loan calculator.

Select **Menu** > **Organiser** > **Calculator** and, from the available options, the calculator type and the operating instructions.

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

Countdown timer

Normal timer

1   To activate the timer, select **Menu** > **Organiser** > **Countd. timer** > **Normal timer**, enter a time, and write a note that is displayed when the time expires. To change the time, select **Change time**.

2   To start the timer, select **Start**.

3   To stop the timer, select **Stop timer**.

Interval timer

1   To have an interval timer with up to 10 intervals started, first enter the intervals.

2   Select **Menu** > **Organiser** > **Countd. timer** > **Interval timer**.

3   To start the timer, select **Start timer** > **Start**.

To select how the interval timer should start the next period, select **Menu** > **Organiser** > **Countd. timer** > **Settings** > **Contin. to next period** and from the available options.

Stopwatch

You can measure time, take intermediate times, or take lap times using the stopwatch.

Select **Menu** > **Organiser** > **Stopwatch** and from the following options:

Split timing — to take intermediate times. To reset the time without saving it, select **Options** > **Reset**.

Lap timing — to take lap times

Continue — to view the timing that you have set in the background

Show last — to view the most recently measured time if the stopwatch is not reset

View times or **Delete times** — to view or delete the saved times

To set the stopwatch timing in the background, press the end key.

Dictionary

In Dictionary, you can look up a Chinese word for English translation, and look up an English word for Chinese translation.

1   Select **Menu** > **Organiser** > **Dictionary**.
2   Switch to the desired input mode if necessary.
3   Enter the Chinese or English word.

4   Scroll to the desired word in the displayed list of words, and select it to view the translation.

To look up synonyms or antonyms of an English word, select **Options** > **Synonyms** or **Options** > **Antonyms**.

To view the translation of the previous or next word in the displayed list of words, scroll left or right.

Applications

Your phone may have some games or applications installed. These files are stored in the phone memory or on a memory card and may be arranged in folders. See "Memory card", p. 38.

Open an application

Select **Menu** > **Apps.** > **Games**, **Collection**, or **Memory card**. Scroll to a game or an application, and select **Open**.

To set sounds, lights, and shakes for a game, select **Menu** > **Apps.** > **Options** > **Application settings**.

To view application options, select **Menu** > **Apps.** > **Collection** > **Options**.

Select from the following:

Update version — Check if a new version of the application is available for download from the web (network service).

Web page — Obtain further information or additional data for the application from an internet page (network service), if available.

Application access — Restrict the application from accessing the network.

The available options may vary.

Download an application

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.

You can download new applications and games in different ways.

• Select **Menu** > **Apps.** > **Downloads** > **App. downloads** or **Game downloads**; the list of available bookmarks is shown.
• Use the Nokia Application Installer from PC Suite to download the applications to your phone.

For the availability of different services and pricing, 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.

To show the confirmation messages sent between your phone and the network when you are using the SIM services, select **Menu** > **Settings** > **Phone** > **Confirm SIM actions**. This option may not be available depending on your SIM card. For details, contact your network operator.

Accessing these services may involve sending messages or making a phone call for which you may be charged.

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, seewww.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.

Cyan Magenta Yellow Black

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	Talk time	Standby
BL-5C	Up to 7 hours	Up to 350 hours

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 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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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-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 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:
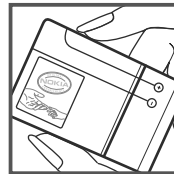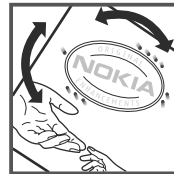
Authenticate hologram

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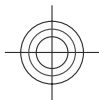
To find out more about original Nokia batteries, see www.nokia.com/batterycheck

www.nokia.com/support

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.

• Use a soft, clean, dry cloth to clean any lenses, such as camera, proximity sensor, and light sensor lenses.

• 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 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 accessory. If any device is not working properly, take it to the nearest authorised service facility for service.

Recycle

Always return your used electronic products, batteries, and packaging materials to a dedicated collection point. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. More detailed information is available from the product retailer, local waste authorities, national producer responsibility organisations, or your local Nokia representative. Check how to recycle your Nokia products at www.nokia.com/werecycle, or if browsing on a mobile device, www.nokia.mobi/werecycle.

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 biphenys(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.

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 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. 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.

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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 1.08 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 0.99 W/kg and when properly worn on the body is 0.27 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
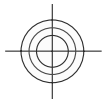
centres, Nokia designated service locations and Nokia call centres can be found at local Nokia web pages where available.

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.

www.nokia.com/support

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

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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Cyan Magenta Yellow Black

DECLARATION OF CONFORMITY

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Hereby, NOKIA CORPORATION declares that this RM-572 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 www.nokia.com/phones/declaration_of_conformity/.

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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.

Model number: 3208c

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