

List of menu functions

1. Messages

1. Text messages
2. Multimedia msgs.
3. Chat
4. Voice messages
5. Info messages
6. Message settings
7. Service commands



2. Call register

1. Missed calls
2. Received calls
3. Dialed numbers
4. Delete recent call lists
5. Call duration
6. Call costs
7. GPRS data counter
8. GPRS connection timer



3. Contacts

1. Search
2. Add contact
3. Delete
4. Copy
5. Settings
6. Speed dials
7. Info numbers¹
8. Service numbers¹
9. My numbers²
10. Caller groups²



4. Profiles

1. General
2. Silent
3. Meeting
4. Outdoor
5. Pager



5. Settings

1. Right selection key settings
 1. Select options
 2. Organise
2. Screen saver
3. Time and date settings
 1. Clock
 2. Date
 3. Auto-update of date & time
4. Call settings
 1. Call divert
 2. Anykey answer
 3. Flip call handling
 4. Automatic redial
 5. Speed dialling
 6. Call waiting
 7. Summary after call
 8. Send my caller ID
 9. Line for outgoing calls³
5. Phone settings
 1. Language settings
 2. Automatic keyguard
 3. Recognition time-out
 4. Cell info display
 5. Welcome note
 6. Operator selection



English

1. Shown if supported by your SIM card. For availability, contact your network or service provider.
 2. If Info numbers or Service numbers is not supported, or, if neither is supported, the number of this menu item changes accordingly.
 3. Shown if supported by your SIM card and network services. Contact your network operator or service provider for more information.

- 7. Confirm SIM service actions
- 8. Help text activation
- 9. Start-up tone
- 6. Display settings
 - 1. Wallpaper
 - 2. Colour schemes
 - 3. Operator logo
 - 4. Display brightness
- 7. Tone settings
 - 1. Incoming call alert
 - 2. Ringing tone
 - 3. Ringing volume
 - 4. Vibrating alert
 - 5. Message alert tone
 - 6. Keypad tones
 - 7. Warning tones
 - 8. Alert for
- 8. Enhancement settings¹
- 9. Security settings
 - 1. PIN code request
 - 2. Call barring service
 - 3. Fixed dialling
 - 4. Closed user group
 - 5. Security level
 - 6. Access codes
 - 1. Change security code
 - 2. Change PIN code
 - 3. Change PIN2 code
 - 4. Change barring password
- 10. Restore factory settings
- 6. Alarm clock
- 7. Gallery
 - 1. View folders
 - 2. Add folder
- 3. Delete folder
- 4. Rename folder
- 5. Gallery downloads
- 8. Calendar
- 9. Games
 - 1. Select game
 - 2. Game downloads
 - 3. Memory
 - 4. Settings
- 10. Applications
 - 1. Select application
 - 2. App. downloads
 - 3. Memory
- 11. Extras
 - 1. Calculator
 - 2. Stopwatch
- 12. Services
 - 1. Home
 - 2. Bookmarks
 - 3. Download links
 - 4. Service inbox
 - 5. Settings
 - 6. Go to address
 - 7. Clear the cache
- 13. SIM services²



1. Shown only if the phone is or has been connected to a compatible headset, handsfree unit or loopset approved by the manufacturer.

2. Only shown if supported by your SIM card. The name and contents vary depending on the SIM card.

The wireless phone described in this guide is approved for use in GSM 900, 1800 and 1900 networks.

LEGAL INFORMATION

Part number ____ Issue 1.

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English

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FOR YOUR SAFETY

FOR YOUR SAFETY

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this manual.



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



ROAD SAFETY COMES FIRST

Don't use a hand-held phone while driving.



INTERFERENCE

All wireless phones may get interference, which could affect performance.



SWITCH OFF IN HOSPITALS

Follow any regulations or rules. Switch the phone off near medical equipment.



SWITCH OFF IN AIRCRAFT

Wireless devices can cause interference in aircraft.



SWITCH OFF WHEN REFUELLING

Don't use the phone at a refuelling point. Don't use near fuel or chemicals.



SWITCH OFF NEAR BLASTING

Don't use the phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.



USE SENSIBLY

Use only in the normal position. Don't touch the antenna unnecessarily.



QUALIFIED SERVICE

Only qualified personnel may install or repair phone equipment.



ACCESSORIES AND BATTERIES

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



CONNECTING TO OTHER DEVICES

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



BACKUP COPIES

Remember to make backup copies of all important data.



WATER-RESISTANCE

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



CALLING

Ensure the phone is switched on and in service. Enter the phone number, including the area code, then press . To end a call, press . To answer a call, press .

English

FOR YOUR SAFETY



EMERGENCY CALLS

Ensure the phone is switched on and in service. Press  as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display. Enter the emergency number, then press

. Give your location. Do not end the call until told to do so.

Network services

The wireless phone described in this guide is approved for use on the EGSM 900, GSM 1800 and GSM 1900 network.

Triband is a network dependent feature. Check with your local service provider if you can subscribe to and use this feature.

A number of features included in this guide are called network services. These are special services that you arrange through your wireless service provider. Before you can take advantage of any of these network services, you must subscribe to them through your service provider and obtain instructions for their use from your service provider.



Note: Some networks may not support all language-dependent characters and/or services.

Chargers and enhancements

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from ACP-7, ACP-12, LCH-9 and LCH-12 chargers. Note the specific model number of a charger varies with different type of plug. For example, for ACP-12, the specific model number can be ACP-12C, ACP-12U or ACP-12X, etc.



Warning: Use only batteries, chargers and accessories approved by the phone manufacturer for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

For availability of approved enhancements, please check with your dealer.

When you disconnect the power cord of any enhancement, grasp and pull the plug, not the cord.

General information

■ Stickers in the sales package

The stickers contain important information for services and customer support.

Attach the  sticker to the Your details page in this User's guide.

■ Access codes

- **Security code (5 to 10 digits):**
The security code may protect your phone against unauthorised use. It is supplied with the phone, and the default code is 12345.
Change the code, and keep the new code secret and in a safe place separate from your phone.
To change and use the code, see "Security settings" on page 47.
- **PIN code and PIN2 code (4 to 8 digits):**
The PIN (Personal Identification Number) code protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card.
To set the phone to request the PIN code each time the phone is switched on, see "Security settings" on page 47.

The PIN2 code may be supplied with the SIM card. You need the code to access some functions, such as charging unit counters.

If you key in an incorrect PIN code three times in succession, the phone may display *PIN blocked* and ask you to enter the PUK code. Contact your service provider to obtain the PUK code.

- **PUK and PUK2 code (8 digits):** The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK2 code is required to change a blocked PIN2 code.

If the codes are not supplied with the SIM card, contact your local service provider for the codes.

- **Barring password (4 digits):**
The barring password is needed when using the *Call barring service*, see "Security settings" on page 47. You can obtain the password from your service provider.
- **Signing PIN:** The signing PIN is needed for the digital signature. See "Digital signature" on page 66. The signing PIN is supplied with the

General information

SIM card if the SIM card has a security module in it.

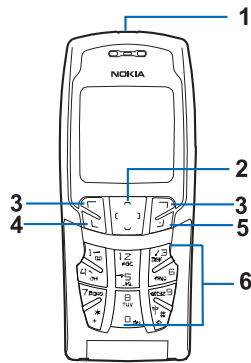
If you key in an incorrect PIN code several times, the phone may display *PIN code blocked* and ask you to key in the PUK code. Contact your service provider to get the PUK code.

■ Shared memory

The following features in this phone may use shared memory: phone book, text messages and multimedia messages, images and ringing tones in gallery, calendar and Java games and applications. Using any of these features may consume the shared memory. This is especially true with heavy use of any of the features, although some of the features may have a certain amount of memory specially allocated to them in addition to the shared memory. For example, saving many images, or Java applications, may take all the shared memory. In this case your phone may notify you that the memory is full. You need to delete some of the contents or entries using shared memory before continuing.

1. Your phone

■ Keys



1. Power key

Switches the phone on and off.

When the keypad is locked, pressing the power key briefly turns the phone's display lights on for about 15 seconds.

2. 4-way scroll keys

Use the keys to scroll through names, phone numbers, menus, and settings, or move the cursor or highlight in text editing.

When in call or media application, press  to decrease the volume of the call or application, press  to increase the volume.



Tip: In standby mode, press the scroll keys to quickly access some functions:

- Press  to create a text message.
- Press  to open *Calendar*.
- Press  and  to open your phone book.

3. Selection keys and

The function of the keys depends on the text shown above the keys in the display.

4. Send key

- Dials a phone number.
- Answers a call.
- In standby mode, press it to list the most recently dialled numbers.

5. ends an active call. Exits from any function.

6. are used to enter numbers and characters.

 and  are used for various purposes in different functions.

Your phone

■ Functions of the flip cover

Your phone has a flip cover. Opening and closing the flip cover affects basic voice call handling and text input method.

Note that the keys on the flip cover work only when the flip cover is properly closed.



- Answer or end a voice call
You can customise the function of the flip cover with respect to voice call handling in *Settings, Call settings, Flip call handling*. Refer to “Flip call handling” on page 43.
- Change text input method
When you need to input text, open the flip cover to use handwriting input method, close the flip cover to use keypad input method. Further instructions about the handwriting input method start on page 14.

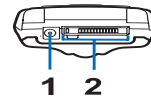
Note it is recommended that always keep the flip cover closed when you are not writing or using it to for calls.

■ Stylus and touch pad

The stylus is in the slot of the back cover, and the touch pad is under

the flip cover of the phone. You can write with the stylus on the touch pad to input text. For information on how to input text with the stylus, see “Handwriting input method” on page 14.

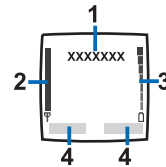
■ Connectors



1. Charger connector
2. Pop-Port™ connector for the headset and the data cable.

■ Standby mode

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



1. The current operator's logo (network service).
2. Signal strength: the higher the bar, the stronger the signal.
3. Battery charge level: the higher the bar, the more power in the battery.
4. Selection key functions.

Your phone

You can customise the function of the right selection key in the standby mode in *Settings, Right selection key settings*. See also "Right selection key" on page 41.

Screen saver

If you have set the screen saver on, the phone automatically activates an animation or still image as screen saver after a pre-set period of time in standby mode. You can also customise the time after which the phone activates the screen saver. Please refer to "Screen saver settings" on page 41.

Independent of the screen saver settings, for power saving, a digital clock view will overwrite the whole display when for a certain time no function of the phone has been used.

Note that if you have not set the time, 00:00 is displayed. You can set the time in *Settings, Time and date settings*.

The screen saver cannot be activated when the flip cover of the phone is open.

Wallpaper

You can set your phone to display a background image, wallpaper, when the phone is in standby mode. You can choose a wallpaper in

Settings, Display settings, Wallpaper. See also "Wallpaper" on page 45.

Essential indicators in standby mode

-  You have received one or several text or picture messages. See "Read and reply to a message" on page 25.
-  You have received one or several multimedia messages. See "Reading and replying to a multimedia message" on page 29.
-  You have received one or several voice messages. See "Voice messages" on page 31.
-  The phone's keypad is locked. See "Keypad lock (Keyguard)" on page 8.
-  The phone does not ring for an incoming call or message when *Incoming call alert* is set to *Off* and *Message alert tone* is set to *Off*. See "Tone settings" on page 46.
-  The alarm clock is set to *On*. See "Alarm clock (Menu 6)" on page 48.

English

Your phone

-  The stopwatch is running in the background. See "Stopwatch" on page 57.
-  A GPRS connection is established.
-  The GPRS connection is suspended (on hold), for example if there is an incoming or outgoing call during a GPRS dial-up connection.
-  All your calls are diverted to another number, *Divert all voice calls*. If you have two phone lines, the divert indicator for the first line is  and for the second line . See "Call divert" on page 42.
- 1 or 2** If you have two phone lines, the indicator displays the selected phone line. See "Line for outgoing calls" on page 43.
-  The loudspeaker has been activated, see "Loudspeaker" on page 12.
-  Calls are limited to a closed user group. See "Security settings" on page 47.
-  The timed profile is selected. See "Profiles (Menu 4)" on page 40.
-  or  A headset, handsfree, or

loopset, is connected to the phone.

To enable the phone to show the time and date in standby mode, see "Clock" and "Date" on page 42.

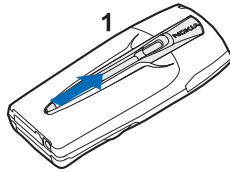
2. Getting started

■ Remove and mount the back cover

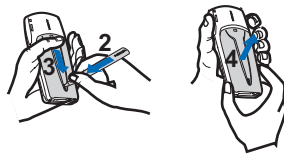
There are two different back covers in your sales package. One is with the stylus holder to carry the stylus, the other is flat. You can choose which one to use. Below are instructions on how to remove and mount the two kinds of back covers.

For cover with stylus holder

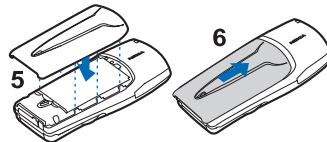
1. Slide the stylus toward the top end of the phone to remove (1).



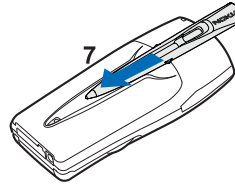
2. Press down the back cover release button with the stylus (2), and slide the back cover slightly toward the bottom end of the phone (3). Lift the back cover to remove (4).



3. Position the back cover as shown in the illustration (5). Slide the back cover toward the top end of the phone to lock (6).

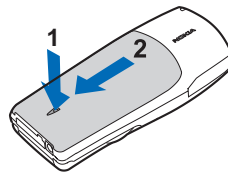


4. Slide the stylus toward the bottom end of the phone until it reaches the end of the slot (7).



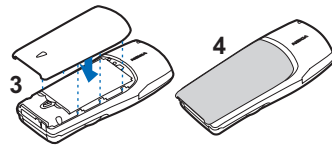
For flat cover

1. Press the back cover release button (1), slide the back cover slightly toward the bottom end of the phone (2), and lift the back cover to remove.

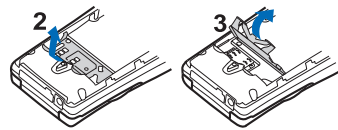


Getting started

2. Position the back cover as shown in the illustration (3). Slide the back cover toward the top end of the phone to lock. (4).



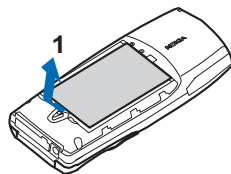
2. Carefully lift the SIM card holder from the finger grip of the phone with your finger (2). Flip cover the holder open (3).



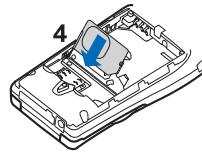
■ Install the SIM card and the battery

- Keep all miniature SIM cards out of the reach of small children.
- The SIM card and its contacts can easily be damaged by scratches or bending, so be careful when handling, inserting or removing the card.
- Before installing the SIM card, always make sure that the phone is switched off and disconnected from the charger or any other devices, and then remove the battery.

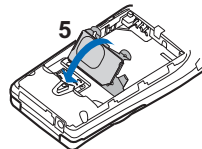
1. Lift the battery up from the finger grip on the phone with your fingers (1) to remove.



3. Insert the SIM card into the slot of the SIM card holder, bevelled corner first and golden contact facing out (4).



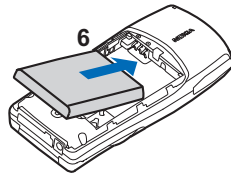
4. Close the SIM card holder (5) and press it to lock.



5. Position the battery so the golden contacts match up with

Getting started

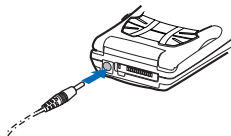
those on the phone. Insert the battery (6).



Note: You can use the phone while the battery is charging. However, if the battery is completely empty, it may need to charge a few minutes before you can make or receive calls or before the battery indicator appears.

■ Charging the battery

1. Connect the plug from the charger to the socket on the bottom of the phone.



2. Plug the charger to a standard AC outlet.
 - After a few seconds, the battery indicator on the display starts to scroll from bottom to top.
 - When the battery is about full, the bar in the display stops scrolling.
 - Charging time depends on the charger and battery.
3. Disconnect the charger from the AC outlet and the phone once charging is complete.

■ Switching the phone on and off

Press and hold the power key.



Note that if the phone displays *Insert SIM card* even though the SIM card is properly inserted, or *SIM card not supported*, contact your network operator or service provider. Your phone does not support 5 Volt SIM cards and the card may need to be changed.



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

TIPS ON EFFICIENT OPERATION: Your phone has a built-in antenna. As with any other radio transmitting device, do not

English

Getting started

touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed. Not touching the antenna area during a phone call optimises the antenna performance and the talktime of your phone.



You can access most of the menus, but not all, by using the shortcut.

The menus, submenus and setting options are numbered. To access a menu using the shortcut, in standby mode, press Menu, and within two seconds, key in the first number of the menu you want to access. Keep going until you've entered all the numbers.

For example, to enter *Anykey answer*, press Menu 5-3-2 (*Settings-Call settings-Anykey answer*).

Access menu functions

By scrolling

1. To access the menu, press Menu.
2. Scroll with  or  through the menu and select, for example, *Settings* by pressing Select.
3. If the menu contains submenus, select the one you want, for example *Call settings*.
4. If the selected submenu contains further submenus, step 3. Select the next submenu, for example *Anykey answer*.
5. Select the setting of your choice.
6. Press Back to return to the previous menu level, and Exit or  to exit the menu.

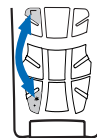
By using a shortcut

Help text

Most of the menu functions have brief help texts. To view the help text, scroll to the menu, pause for about 15 seconds. To exit the help text, press Back. See more in "Help text activation" on page 45.

Keypad lock (Keyguard)

You can lock the keypad to prevent accidental key presses.



Getting started

Lock the keypad

- In standby mode, press Menu and then  within 1.5 seconds.
- You can also activate the automatic keypad lock. If the phone is in standby mode for the preset period of time, the keypad is locked automatically. Refer to "Automatic keyguard" on page 44.

To handle calls when the keypad is locked, refer to "Handle incoming calls when keypad is locked" on page 9.

112, 911, or other official emergency number). Key in the emergency number and press . The number is displayed only after you have keyed in its last digit.

Put on the wrist strap

Thread the strap as shown in the picture and then tighten it.



English

Unlock the keypad

You can unlock the keypad by:

- Pressing Unlock and then  within 1.5 seconds.
- Or opening the flip cover of the phone.

Handle incoming calls when keypad is locked

You can answer an incoming call by pressing  when the keypad is locked.

When you end or reject the call, the keypad is automatically locked again.



Note: When The keyguard is on, calls may be possible to the emergency number programmed into your phone (e.g.

Call functions

3. Call functions

■ Make a call

1. Key in the phone number, or get it from your phone book (See "Search for a name in the phone book" on page 37).

For international calls¹, press  twice for the international prefix (the + character replaces the international access code²) and then key in the country code, the area code without the leading 0, if necessary, and the phone number.

2. Press  to call the number.
3. Press  to end the call or to cancel the call attempt.

■ Answer a call

You can answer an incoming call through the following ways:

- Press .
- Open the flip cover of the phone to answer a voice call. Refer to "Flip call handling" on page 43.
- Press Silence to mute the ringing tone. Then press Options, and select *Answer* to answer the call.

- When a compatible headset is connected to the phone, press the button on the headset to answer the call.

■ Reject a call

- Press .
- Press Silence to mute the ringing tone. Then press Options, and select *Reject* to reject the call.

 **Tip:** If the *Divert if busy* function is activated, rejecting a call will also divert the call. Refer to "Call divert" on page 42.

■ End a call

- Press .
- Close the flip cover of the phone to end a voice call. Refer to page 43.

■ Call your voice mailbox (network service)

In standby mode

- Press and hold , or
- Press  and then .

1. Note that some calls between the regions of one country (for example, in China between mainland provinces and Hong Kong Special Administrative Region) are also considered international calls.
2. Depending on your operator, you may still be able to use the international access code (network services)

Call functions

Enter the voice mailbox number if the phone asks for it. See also "Voice messages" on page 31.

■ Redial recently dialled numbers

1. In standby mode, press .
A list of recently dialled numbers (up to 20) is displayed.
2. Scroll to the number or name you want.
3. Press  to call the number.

 **Tip:** In standby mode, press  twice to redial the last number you dialled.

For more about recently dialled calls, refer to "Call register (Menu 2)" on page 34.

To set automatic redial, see "Automatic redial" on page 43.

■ Speed dial a phone number

Before you can use speed dialling, assign the phone number to one of the speed dialling keys, from  to , see "Speed dials" on page 39. Call the number in either of the following ways:

- Press the speed dialling key you want and then press .
- Or,
 1. Set *Speed dialling* which is under *Settings, Call settings*

to on. See also "Speed dialling" on page 43.

2. Press and hold the speed dialling key until the call is started.

■ In-call options

Many of the options during a call are network services. Pressing Options during a call may give some of the following options (may not be in the same order as in the phone):

Mute or *Unmute*, *End call*, *End all calls*, *Contacts*, *Menu*, *Hold* or *Unhold*, *New call*, *Conference*, *Private*, *Answer*, *Reject*, *Lock keypad*, *Send DTMF*, *Swap*, *Transfer*, and *Loudspeaker* or *Handset*.

Make a new call

When you have an ongoing call, you may be able to make a new call by pressing Options, then select *New call* (network service).

When the new call is active, the original call is put on hold.

Handle a waiting call

After you activate the *Call waiting* function in your phone, you may be able to receive another call when you have an ongoing call (network service).

Call functions

Call waiting is under *Settings, Call settings*. See also "Call waiting" on page 43.

To answer the waiting call

- Press $\backslash$.
- Press Answer if it's available.
- Press Options, and select *Answer*.

When the waiting call is active, the original call is on hold.

To reject the waiting call

- Press Options, and select *Reject*.
- Press Reject if available.



Tip: Press $\backslash$ to end the active call.

■ Swap calls (network service)

When you have an active call and a held call, you may be able to switch their call status by pressing Options, and select *Swap*. Then the held call is active, and the previously active call is put on hold.

■ Transfer calls (network service)

When you have an active call and a held call, you may be able to connect the other two parties by pressing Options, and select *Transfer*. Then your call with either party is ended.

■ Make a conference call

Conference calling is a network service. It allows up to six people to take part in a call.

1. Call the first participant.
2. To call a new participant, press Options and select *New call*.
3. Enter, or find from the phone book, the phone number of the new participant, and press Call. The first call is put on hold.
4. When the new call is answered, join the first participant to the call by pressing Options, and select *Conference*.

Alternatively, the second participant can call you after you have established a call with the first participant.

5. To add a new participant to the conference call, repeat steps 2 to 4.
6. To have a private conversation with one of the participants: Press Options, select *Private* and select the desired participant. Rejoin the conference call as described in step 4.
7. To end the conference call, press $\backslash$.

■ Loudspeaker

You can turn on the loudspeaker during a call.

Call functions



Important: Do not hold the phone to your ear during loudspeaker operation.

- To activate the loudspeaker, press Options and select *Loudspeaker*, or press Loudsp., if available.
- To deactivate the loudspeaker during a call, press Options and select *Handset*, or press Handset, if available.

If you have connected a compatible handsfree or headset to the phone, *Handset* in the options list is replaced with *Handsfree* or *Headset* and the selection key Handset with Handsfr. or Headset, respectively.

The loudspeaker is automatically deactivated when you end the call, or when you connect the handsfree unit or headset to the phone.

■ Answering or Ending a call with the flip cover

You can answer or end a call with the flip cover. For more information, please see also “Functions of the flip cover” on page 2 and “Flip call handling” on page 43

English

Handwriting input method

4. Handwriting input method

When you want to send a text message, make a note, add a name to the phone book, this phone provides two different types of input methods:

- keypad input method: using the keypad for inputting. For more information please see “Keypad input methods” on page 20.
- handwriting input method: using the stylus for handwriting inputting. This chapter illustrates how to use handwriting input method.

When the flip cover is open, handwriting input is indicated by  in your phone.

Note that handwriting input is available only when the flip cover is open and the handwriting input indicator is displayed on the upper left corner of the screen. You may not be able to use handwriting input methods anywhere you can input with keys. For example,

- You must use the keypad to input any password-type of information, such as the PIN code, PUK code, Security code, Barring code, and the password in certain functions and applications.
- You can not enter a number with handwriting input while the

phone is in standby mode, or in calculator.

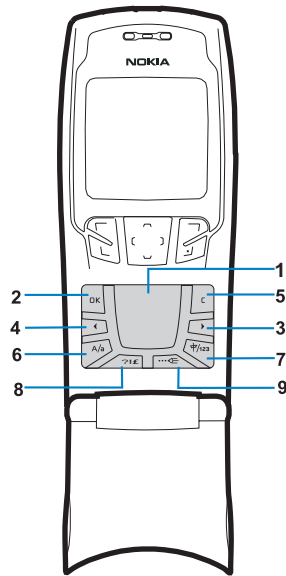
- You can not input time and date with handwriting input.



Important: Use only a stylus that has been approved by Nokia to be used in connection with this device. Using other stylus may invalidate any warranty applying to the phone and may damage the touch pad. Avoid scratching the touch pad. Never use an actual pen or pencil or other sharp objects to write on the touch pad.

■ Writing with the stylus

When you want to enter text, open the flip cover of the phone to activate the touch pad, then write gently in the middle of the touch pad with the stylus.



The middle of the touch pad is the writing area (1). Surrounding the writing area are eight functional keys (2-9). Tap the functional keys with the stylus for the relevant functions when necessary.

The phone provides a list of seven candidate characters or letters based on the strokes you write. In addition, when you are writing Chinese text, the phone can also provide a list of predicted Chinese characters based on the Chinese character to the left of the cursor when you tap .

Handwriting input method

The following sections in this chapter describe many important concepts and methods, such as why and how to change the input mode, what is recognition time out, use of gestures during writing, etc.. Please read them carefully in order to use the handwriting input method efficiently.

1. Write in this box with the stylus.
2. functions as the left selection key ().
3. functions as the right selection key ().
4. functions as .
5. functions as .
6. Tap to switch to or input mode.
7. Tap to switch to or input mode.
8. Tap to list punctuation marks and symbols.
9. When entering Chinese text, tap to get a list of predicted Chinese characters based on the Chinese character to the left of the cursor or the highlighted character. Note predictive input is only available when you are inputting Chinese

Handwriting input method



Tip: If the highlighted candidate character or letter in the candidate list (not the predicted list) is what you want, you can continue writing. The phone inputs the character automatically.

narrows down the recognition scope for each mode and thus enable increased accuracy and speed of recognition.

The strokes are recognised only as the type of text pertaining to the mode. Different recognition scopes in different mode are described in the following table.

■ Handwriting input modes

Different handwriting input modes are available in your phone for entering different types of text. This

Input mode indicator and recognition scope

Mode	Indicator	Recognition scope
Simplified Chinese ^a		- Simplified Chinese characters. - Some frequently used full-width punctuation marks and symbols, for example: 、 。 ! “ ” , : ; ?
Traditional Chinese ^b		- Traditional Chinese characters. - Some frequently used full-width punctuation marks and symbols.
Upper case		- Capital English letters. - Some frequently used half-width punctuation marks and symbols, for example: @ / ! " ' , . : ; ?
Lower case		- English letters in lower case. - Some frequently used half-width punctuation marks and symbols.

Handwriting input method

Mode	Indicator	Recognition scope
Number		Different recognition scope in different context, for example: - In the context of entering text: some frequently used half-width punctuation marks and symbols in addition to numbers. - In the context of entering phone numbers: *, +, p, w, # in addition to numbers. - In the context of entering IP addresses: Dot (.) and numbers.
Full-width punctuation marks & symbols		Full-width punctuation marks and symbols
Half-width punctuation marks & symbols		Half-width punctuation marks and symbols

English

- a. Available only in phones sold to mainland China, Indonesia, Malaysia, Singapore, and Vietnam.
b. Available only in phones sold to China Hong Kong SAR, and China Taiwan.

Note that the character set in your phone does not include all the characters in Chinese and that you may not find all the characters you want.

Switching between handwriting input modes

You can switch between handwriting input modes in two ways:

- Tap the corresponding touch-key with the stylus to switch to , , , or . Note under some circumstances not all the modes are available.
- Press Options if it is available, and select the desired mode from the list.

Recognition timeout

Recognition timeout is the maximum interval time allowed between two strokes input when

Handwriting input method

writing a character or letter. Every time you finish a stroke and lift the stylus from the touch pad, the phone begins to count time. If you do not

the next stroke within the timeout, it's considered that you have finished writing the character or letter, and the phone begins to recognise the strokes, and displays a list of candidates.

The default recognition timeout setting is *Normal*. If you want to write faster or slower, you can change the timeout in *Settings*,

Phone settings, Recognition timeout. Refer to "Recognition timeout" on page 44.

■ Use gestures

You can write several gestures for certain functions.

The gestures include: Space, Enter, Clear, and Repeat. See the table below. You can use  (Repeat) only in  mode, but other gestures in all handwriting input modes.

Name	Gesture	Functions
Space		- When the cursor is blinking in the editing window, writing the gesture inserts a space to the left of the cursor. - When the candidate list is shown, writing the gesture inputs the highlighted candidate and inserts a space after it. - When the list of predicted Chinese candidates is shown, writing this gesture clears the list and inserts a space to the left of the cursor in the editing window.
Enter		- When the cursor is blinking in the editing window, writing the gesture inserts a line feed. - When the candidate list is shown, writing the gesture inputs the highlighted candidate and inserts a line feed. - When the list of predicted Chinese candidates is shown, writing this gesture clears the list and inserts a line feed.

Handwriting input method

Name	Gesture	Functions
Clear		- When the cursor is blinking, writing the gesture deletes the Chinese character, English letter, number, or punctuation mark or symbol to the left of the cursor. - When the list of candidates or predicted Chinese candidates is shown, writing the gesture clears the list and deletes the Chinese character, English letter, number, or punctuation mark or symbol to the left of the cursor.
Repeat		You can only use the stroke when the input method is . - After you have just input a Chinese character, writing the gesture inputs the same Chinese character again. - When the list of the candidate Chinese characters is shown, writing the gesture inputs the highlighted Chinese candidate twice. - When the list of the predicted Chinese candidates is shown, writing the gesture ignore the list and inputs Chinese character to the left of the cursor again.. Note this gesture only works with Chinese characters.

English

■ Touch pad tone

A tone sounds when you press the stylus on the touch pad to start writing a stroke, or tap the functional keys with the stylus. You can set the level tone together with the keypad tone in [Settings, Tone settings, Keypad tones](#). Refer to “Tone settings” on page 46.

Keypad input methods

5. Keypad input methods

You can key in text, for example, when writing messages, using traditional or predictive English input.

When you are writing text, the predictive English input is indicated by  and the traditional English input by  at the top left of the display. The character case is indicated by , , or  next to the text input indicator. You can change the character case by pressing . The number mode is indicated by , and you can change between the letter and number mode by pressing and holding .

■ Setting predictive English input on or off

When writing text, press **Options** and select **Dictionary**.

- To set the predictive English input on, select **English** in the dictionary options list. Predictive English input is only available for the languages on the list.
- To revert to traditional English input, select **Dictionary off**.



Tip: To quickly set the predictive English input on or off when writing text,

press  twice, or press and hold **Options**.

■ Using predictive English input

You can key in any letter with a single keypress. The predictive English input is based on a built-in dictionary to which you can also add new words.

1. Start writing a word using the keys  to . Press each key only once for one letter. The word changes after each keystroke.



Example: To write Nokia when the English dictionary is selected,

press , , , ,  and .

To insert a number while in letter mode, press and hold the desired number key.

More instructions for writing text, see "Tips for writing text" on page 21.

2. When you have finished writing the word and it is correct, confirm it by adding a space with  or by pressing any of the scroll keys. Pressing a scroll key also moves the cursor.

If the word is not correct,

Keypad input methods

press  repeatedly or press **Options** and select **Matches**.

When the word you want appears, confirm it.

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, press **Spell**, key in the word (traditional English input is used) and press **Save**.

When the dictionary becomes full, the new word replaces the oldest one that was added.

3. Start writing the next word.

Writing compound words

Key in the first part of the word and confirm it by pressing . Write the last part of the word and confirm the word.

Using traditional English input

Press a number key,  to , repeatedly until the desired character appears. Not all characters available under a number key are printed on the key. The characters available depend on the language selected in the **Phone language** menu, see "Language settings" on page 44.

To insert a number while in letter mode, press and hold the desired number key.

- If the next letter you want is located on the same key as the present one, wait until the cursor appears, or press any of the scroll keys and then key in the letter.
- The most common punctuation marks and special characters are available under the number key .

For more instructions for writing text, see "Tips for writing text" on page 21.

Changing writing language.

You may change the writing language if the phone support the writing language you want:

- Permanently change the writing language. Please refer to "Language settings" on page 44.
- Temporarily change the writing language. Press and hold , select **Writing language** and then the language you want to use. When you quit editing or inputting, the writing language will change back to the permanent writing language you have set.

Tips for writing text

The following functions may also be available for writing text:

- To insert a space, press .

-

6. Menu functions

■ Messages (Menu 1)



You can read, compose, send and save text and multimedia messages to and from compatible devices (network services). All messages are organised into folders.

Before you can send any text, or picture, you need to save your message centre number, see "Message settings" on page 32.

Text messages

Your phone can send and receive multi-part messages, which consist of several ordinary text messages (network service). This may affect the invoicing for the message. You can check the number of characters available and messages to be sent in the counter on top of the screen.

Note that some characters may require more space than others, for example Chinese characters require more space than English letters, and the counter may adjust the number of maximum number of characters available accordingly. For pricing of multi-part messages, contact your service provider.

You can also send and receive text messages that contain pictures. Each picture message is made up of several text messages. Therefore,

sending one picture message may cost more than sending one text message.



Note: The picture message function can be used only if it is supported by your network operator or service provider. Only phones that offer picture message features can receive and display picture messages.

Compose and send messages

1. Press Menu, and select *Messages*, *Text messages* and *Create message*.



Tip: To quickly open the *Create message* menu, press [] in standby mode.

2. Compose the message.
 - To insert text templates or a picture into the message, see "Templates" on page 26.
 - To insert a number, press Options and select *Insert number*. Enter the number you want to insert or search for it in the phone book and press OK.
 - To insert a name from the phone book, press Options, and select *Insert contact*. Highlight the name you want, then press Options. To insert

Menu functions

a phone number or a text item attached to the name, press Options, and select *View details*.

3. To send the message, press Options and select *Send*.
4. Enter the recipient's phone number or get it from your phone book.

Press OK to send the message.



Note: When sending messages via the SMS network service, your phone may display the words *Message sent*. This is an indication that the

message has been sent by your phone to the message centre number programmed into your phone. This is not an indication that the message has been received at the intended destination. For more details about SMS services, check with your service provider.

Options for sending a message

After you have written a message, press Options and select *Sending options*.

- To send a message to several recipients, select *Send to many*. When you have sent the message to everyone you want to send it to, press Done.
- To send a message using a message profile, select *Sending*

profile and then the desired message profile.

To define a message profile, see "Message settings" on page 32.

Composing and sending SMS e-mail

Nokia 3108 phone provides e-mail feature:

- SMS e-mail: sending email via SMS. The following section describes how to use SMS e-mail.

Before you can send SMS e-mail, you need to save the settings for sending SMS e-mail, see "Message settings" on page 32. For availability and subscription to the SMS e-mail service, contact your network operator or service provider. To save an e-mail address in *Contacts*, see "Save multiple numbers and text items per name" on page 37.

1. Press *Menu*, and select *Messages*, *Text messages* and *Create SMS e-mail*.
2. Key in the recipient's e-mail address or search for it in *Contacts* and press *OK*.
3. If you wish, you can key in the subject for the SMS e-mail and press *OK*.
4. Key in the SMS e-mail message. See "Keypad input methods" on page 20. The total number of characters that you can key in is

Menu functions

shown on the top right of the display. The e-mail address and subject are included in the total number of characters. See also the description about multi-part messages on page 23.

See also "Insert a text template into a message" on page 26. Pictures cannot be inserted.

5. To send the SMS e-mail, press **Options** and select *Send SMS e-mail*. If you have not saved the settings for sending SMS e-mails, the phone asks for the number of the SMS e-mail server.

Press **OK** to send the SMS e-mail.



Note: When sending e-mails via the SMS network service, your phone may display the words *Message sent*. This is an indication that the e-mail has been sent by your phone to the e-mail server. This is not an indication that the e-mail has been received at the intended destination. For more details about e-mail services, check with your service provider.

Read and reply to a message

When you have received a message, the indicator  and the number of new messages followed by *Messages received* are shown.

The blinking  indicates that the message memory is full. Before you can receive new messages, delete some of your old messages.

The text messages function uses shared memory. Refer to "Shared memory" on page 0.

1. Press **Show** to view the new message, or press **Exit** to view it later.

Reading the message later:

Press **Menu**, and select *Messages*, *Text messages* and *Inbox*.

2. If more than one message has been received, select the one that you want to read. An unread message is indicated by .
3. While reading or viewing the message, press **Options**.

You can select an option, for example, to delete, forward or edit the message as a text message or an SMS e-mail, move and rename the message you are reading.

Select *Copy to calendar* to copy text at the beginning of the message to your phone's calendar as a reminder note for the current day. For more information about calendar, see "Calendar" on page 51.

Select *Message details* to view the sender's name and phone number, the message centre

Menu functions

used, and the date and time of receipt.

Select *Use detail* to extract numbers, e-mail addresses and website addresses from the current message. Please note that only those website and e-mail addresses with spaces separating them from the other texts on either side can be identified.

When reading a picture message, select *Save picture* to save the picture in the *Templates* folder.

4. Select *Reply* to reply to a message. Select *Original text* to include the original message in the reply, or select a standard answer to be included in the reply, or select *Empty screen*.
5. Press Options, select *Send*, and press OK to send the message to the displayed number.

Inbox and outbox folders

The phone saves incoming text messages in the *Inbox* folder and sent messages in the *Sent items* folder of the *Text messages* submenu.

Text messages that you wish to send later can be saved in the *Archive*, or *Templates* folder.

Templates

Your phone includes text templates, indicated by , and picture templates, indicated by .

To access the template list, press Menu, and select *Messages*, *Text messages* and *Templates*.

Insert a text template into a message

- When you are writing or replying to a message, press Options. Select *Use template* and select the template that you want to insert.

Insert a picture into a text message

- When you are writing or replying to a message, press Options. Select *Insert picture* and select a picture to view it. Press Insert to insert the picture into your message. The  indicator in the header of the message indicates that a picture has been attached. The number of characters that you can enter in a message, depends on the size of the picture.

To view the text and the picture together before sending the message, press Options and select *Preview*.

Archive folder and my folders

To organise your messages, you can move some of them to the *Archive*

Menu functions

folder, or add new folders for your messages.

While reading a message, press Options. Select *Move*, scroll to the folder that you want to move the message to and press Select.

To add or delete a folder, press Menu, and select *Messages*, *Text messages*, and *My folders*.

- To add a folder, press Options and select, *Add folder*.
- To delete a folder, scroll to the folder that you want to delete, press Options and select *Delete folder*.

Multimedia messages



Note: This function can be used only if it is supported by your network operator or service provider. Only phones that offer compatible multimedia message features can receive and display multimedia messages.

A multimedia message can contain text, sound and a picture. The phone supports multimedia messages that are up to 45 KB in size. If the maximum size is exceeded, the phone may not be able to receive the message. Depending on the network, you may receive a text message that includes an Internet address where you can view the multimedia message.

If the message contains a picture, the phone scales it down to fit the display area.



Note: If *Allow multimedia reception* is set to *Yes* or *In home network*, your operator or service provider may charge you for every message you receive.

Multimedia messaging supports the following formats:

- Picture: JPEG, GIF, PNG, and BMP.
- Sound: Scalable Polyphonic MIDI (SP-MIDI) and monophonic ringing tones.

The phone does not necessarily support all variations of the file formats mentioned above. If a received message contains any unsupported elements, they may be replaced with the file name and the text *Object format not supported*.

Note that you are not able to receive any multimedia messages if you have a call in progress, a game or another Java application running, or an active browsing session over GSM data (see "Keying in the service settings manually" on page 59). Because delivery of multimedia messages can fail for a variety of reasons, do not rely solely upon them for essential communications.

Menu functions

Writing and sending a multimedia message

To set the settings for multimedia messaging, see "Settings for multimedia messages" on page 33. To check the availability or subscribe to the multimedia messaging service, contact your network operator or service provider.

1. Press **Menu**, and select **Messages**, **Multimedia msgs.** and **Create message**.
2. Key in or use the stylus to write a message. See "Keypad input methods" on page 20 or "Handwriting input method" on page 14.

To insert a picture or a sound clip, press **Options**, and select **Insert image** or **Insert sound clip**, respectively. The list of available folders in the **Gallery** is shown. Open a specific folder, scroll to the desired picture or sound, press **Options** and select **Insert**. The  or  indicator in the header of the message indicates that a picture or sound has been attached. Copyright protections may prevent some images, ringing tones and other content from being copied, modified, transferred or forwarded.

To insert a name from **Contacts**, press **Options**, select **More**

options and **Insert contact**.

Scroll to the desired name, press **Options** and select **Insert contact**.

To insert a number, press **Options**, select **More options** and **Insert number**. Key in the number or search for it in **Contacts**, and press **OK**.

3. To view the message before sending it, press **Options** and select **Preview**.
4. To send the message, press **Options** and select **Send to number** (or **Send to e-mail** or **Send to many**).
5. Enter the recipient's phone number (or e-mail address) or search for it in **Contacts**. Press **OK** and the message is moved to the **Outbox** folder for sending.

It may take more time to send a multimedia message than to send a text message. While the multimedia message is being sent, the animated indicator  is displayed and you can use other functions on the phone. If there is an interruption while the message is being sent, the phone tries to resend it a few times. If this fails, the message will remain in the **Outbox** folder and you can try to resend it later from there.

The messages that you have sent will be saved in the **Sent items**

Menu functions

folder if the setting *Save sent messages* is set to *Yes*. See "Settings for multimedia messages" on page 33.

Reading and replying to a multimedia message

The blinking  indicates that the memory for multimedia messages is full, see "Multimedia messages memory full" on page 30.

When your phone is receiving a multimedia message, the animated indicator  is displayed. When the message has been received, the indicator  and the text *Multimedia message received* are shown.

The multimedia message function uses shared memory, see "Shared memory" on page 0.

1. Press *Show* to view the message, or press *Exit* to view it later.

Reading the message later: Press *Menu*, and select *Messages*, *Multimedia msgs.* and *Inbox*.

2. Scroll to view the message. Press *Options* and some of the following options may be available.
 - *Delete message* to delete a saved message.
 - *Reply* or *Reply to all* to reply to the message. To send the reply, refer to "Writing and sending a multimedia message" on page 28

- *Forward to no.*, *Forward to e-mail* or *Forward to many* to forward the message.

•

- *Message details* to view the subject, size and type of the message.
- *Details* to view the details of the attached image or sound.
- *Save sound clip* to save the ringing tone in the *Gallery*.
- *Save image* to save the picture in the *Gallery*.

Refer also to the file options in *Gallery*, see "Gallery (Menu 7)" on page 49. Note that copyright protections may prevent some images, ringing tones and other content from being copied, modified, transferred or forwarded.

Inbox, Outbox, Saved and Sent items folders

The phone saves the multimedia messages that have been received in the *Inbox* folder of the *Multimedia msgs.* submenu.

Multimedia messages that have not yet been sent are moved to the *Outbox* folder of the *Multimedia msgs.* submenu.

The multimedia messages that you wish to send later, can be saved in the *Saved items* folder of the *Multimedia msgs.* submenu.

Menu functions

The multimedia messages that have been sent are saved in the *Sent items* folder of the *Multimedia msgs.* submenu if the setting *Save sent messages* is set to *Yes*. See "Settings for multimedia messages" on page 33.

Multimedia messages memory full

When you have a new multimedia message waiting and the memory for the messages is full, the indicator  blinks and *Multimedia me- mory full, view waiting msg.* is shown. To view the waiting message, press Show. To save the message, press Options, select *Save message* and delete old messages by first selecting the folder and then the old message to be deleted. Note that unless you have chosen to save the waiting message, the message will not be saved in your phone even when you view it.

To discard the waiting message, press Exit and Yes. If you press No, you can view the message.

Delete messages

1. To delete text messages, press Menu, and select *Messages*, *Text messages* and *Delete messages*.

To delete all text messages from all folders, select *All messages* and when *Delete all messages*

from all folders? is displayed, press **OK**. If the folders contain unread messages, the phone will ask whether you want to delete them also.

To delete multimedia messages, press Menu, and select *Messages*, *Multimedia msgs.* and *Delete messages*.

2. To delete all messages from a folder, scroll to the folder and press Select. If the folder contains unread messages, the phone will ask whether you want to delete them also.

Chat

You can have a text message based conversation with another person using this faster text messaging application (network service). You cannot save received or sent messages, but you can view them while chatting. Each message is sent as a separate text message.

1. To start a chat session, press Menu, select *Messages* and *Chat*. Enter or get from your phone book the phone number of the person you want to chat with, and press OK.

Another way to start a chat session: When you have received a message, press Show to read it. To start a chat session, press Options and select *Chat*.

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2. Enter your nickname for the chat session and press OK.
3. Compose your chat message.
4. To send the message, press Options and select *Send*.
5. The reply message from the other person is shown above your original message.
To reply to the message, press OK and repeat steps 3 and 4.
6. To end the chat session, press OK and Options, and select *Quit*.

To view the most recent messages of the current chat session, press Options and select *Chat history*. The messages that you sent are indicated by "<" and your nickname and the messages that you received are indicated by ">", and the sender's nickname. Press Back to return to the message you are currently writing. To edit your nickname, select the option *Chat name*.

Voice messages

Voice mailbox is a network service and you may need to subscribe to it. For more information and for the voice mailbox number, contact your service provider.

Press Menu, and select *Messages* and *Voice messages*. Select

- *Listen to voice messages* to call your voice mailbox at the phone

number that you have saved in the *Voice mailbox number* menu.

Each phone line may have its own voice mailbox number, see "Line for outgoing calls" on page 43.

- *Voice mailbox number* to enter, get from your phone book, or edit your voice mailbox number. Press OK to save it.

If supported by the network, the indicator  will show new voice messages. Press Listen to call your voice mailbox number.

 **Tip:** Pressing and holding  calls your voice mailbox.

Info messages

With the info message network service you may be able to receive messages on various topics from your service provider, for example weather or traffic conditions. For available topics and the relevant topic numbers, contact your service provider.

If the *GPRS connection* is set to *Always online*, the info messages may not be received. In that case, set the *GPRS connection* to *When needed*, see "GPRS Connection" on page 60, to enable reception of info messages.

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Message settings

The message settings affect the sending, receiving and viewing of messages.

Settings for text messages

1. Press Menu, and select *Messages*, *Message settings*, *Text messages* and *Sending profile*.
2. If more than one message profile set is supported by your SIM card, select the set you want to change.
 - Select *Message centre number* to save the phone number of the message centre that is required for sending text messages. You will receive this number from your service provider.
 - Select *Messages sent via* to select the message type *Text*, *E-mail*, *Paging* or *Fax*.
 - Select *Message validity* to select the length of time for which the network should attempt to deliver your message.
 - For message type *Text*, select *Default recipient number* to save a default number for sending messages for this profile.
 - Select *Delivery reports* to ask the network to send delivery

reports about your messages (network service).

- Select *Use GPRS* to set GPRS as the preferred SMS bearer (network service).
- Select *Reply via same centre* to allow the recipient of your message to send you a reply via your message centre (network service).
- Select *Rename sending profile* to change the name of the selected message profile. The message profile sets are only displayed if your SIM card supports more than one set.

Overwrite settings

When the text message memory is full, the phone cannot receive or send any new messages. However, you can set the phone to automatically replace old text messages in the *Inbox* and *Sent items* folders with the new ones.

Press Menu, and select *Messages*, *Message settings*, *Text messages* and *Overwriting in inbox* or *Overwriting in sent items*. Select *Allowed* to set the phone to replace the old text messages with new ones in the *Inbox* or the *Sent items* folder, respectively.

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Settings for multimedia messages

Press Menu, and select *Messages*, *Message settings* and *Multimedia msgs.*. Select

- *Save sent messages*. Select *Yes* to set the phone to save sent multimedia messages in the *Sent items* folder. If you select *No*, the sent messages are not saved.
- *Delivery reports* to ask the network to send delivery reports about your messages (network service)
- *Scale image down*. Select *Yes* to set the phone to scale the image inserted in the multimedia message to the default size, if the original size of the image is larger than the default size. If you select *No*, the inserted image will be added into the message as its original size.
- *Allow multimedia reception*. Choose *No*, *Yes* or *In home network* to use the multimedia service. If you choose *In home network*, you cannot receive multimedia messages when outside your home network.
- *Incoming multi-media messages*. Select *Retrieve* to set the phone to automatically fetch newly received multimedia messages, or select *Reject* if you do not wish to receive multimedia messages. This

setting is not shown if the *Allow multimedia reception* is set to *No*.

- *Connection settings*. Define WAP connection settings for retrieving multimedia messages. Activate the set where you want to save the connection settings and then edit the settings.
 - *Settings' name*. Enter the new name for the connection set and press OK.
 - *Homepage*. Enter the homepage address of the WAP service that you want to use, press $\frac{1}{\square}$ for a dot, and press OK.
 - *Session mode*. Select *Permanent* or *Temporary*.
 - *Data bearer*. Select *GPRS*.
 - *GPRS access point*. Enter the access point name to establish a connection to a GPRS network and press OK. Contact your network operator or service provider for the access point name.
 - *IP address*. Enter the address, press $\frac{*}{+}$ for a dot, and press OK. You obtain the IP address from your network operator or service provider.
 - *Authentication type*. Select *Secure* or *Normal*.
 - *User name*. Enter the user name and press OK.

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- **Password.** Key in the password and press OK.
- **Allow adverts.** You can allow or reject advertisements. This setting is not shown if the **Allow multimedia reception** is set to **No**.

To receive the multimedia connection settings as a text message

You may be able to receive the service settings as a text message from the network operator or service provider that offers the WAP service that you want to use. For more information, contact your network operator or service provider.

Font size setting

To select the font size for reading and writing messages, press Menu, and select **Messages**, **Message settings**, **Other settings** and **Font size**.

Service commands

Press Menu, and select **Messages** and **Service commands**. Enter and send service requests (also known as USSD commands), such as activation commands for network services, to your service provider (network service).

Call register (Menu 2)



The phone registers the phone numbers of missed, received and dialled calls, and the approximate length and cost of your calls.

The phone registers missed and received calls only if the network supports these functions, the phone is switched on and within the network's service area.

When you press Options in the **Missed calls**, **Received calls** and **Dialled numbers** menu, you can, for example, view the date and the time of the call, edit or delete the phone number from the list, save the number in the phone book, or send a message to the number.

Recent calls lists

Press Menu, and select **Call register** and then select

- **Missed calls** to view the list of up to the last ten phone numbers from which somebody has tried to call you (network service). The number in front of the (name or) phone number indicates the amount of call attempts from that caller.



Tip: When a note about missed calls is displayed, press List to access the list of phone numbers. Scroll to

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the number you would like to call back and press .

- **Received calls** to view the list of up to the last ten phone numbers from which you have most recently accepted calls (network service).
- **Dialled numbers** to view the list of up to the 20 phone numbers that you have most recently called or attempted to call.
- **Delete recent call lists** to delete the recent calls lists. Select whether you want to delete all the phone numbers in the recent calls lists, or only those numbers in the missed calls, received calls or dialled numbers lists. You cannot undo the operation.

Call counters and call timers



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

Press Menu, and select **Call register** and then select

- **Call duration** scroll to view the approximate duration of your incoming and outgoing calls in hours, minutes and seconds. The security code is required to clear the timers.

Each phone line has its own call timers and the timers of the selected line are displayed. See "Line for outgoing calls" on page 43.

- **Call costs** (network service). Select **Last call units** or **All calls' units** to check the cost of your most recent call or all calls in terms of units specified within the **Show costs in** function.

Select **Call cost settings** and select **Clear counters** to clear the counters, or select **Show costs in** to set the phone to show the remaining talk time in terms of charging units, **Units**, or units of currency, **Currency**. Contact your service provider for charging unit prices.

Select **Call cost limit** to limit the cost of your calls to a certain amount of charging units or units of currency. The PIN2 code is required for the call cost settings.



Note: When no more charging units or currency units are left, calls may only be possible to the emergency number programmed into your phone (e.g. 112, 911, or other official emergency number).

- **GPRS data counter** Scroll to check the amounts of data that were sent or received in the last session, data sent and received

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in total, and to clear the counters. The counter unit is a byte. The security code is required to clear the counters.

- **GPRS connection timer** Scroll to check the approximate duration of the last GPRS connection or the total GPRS connection. You can also clear the timers. To clear the timers, the security code is required.

■ Contacts (Menu 3)



You can save names and phone numbers in the phone's memory (internal phone book) and in the SIM card's memory (SIM phone book).

- The internal phone book may save up to 300 names with numbers and text notes about each name. The number of names that can be saved depends on the length of the names, and the number and length of the phone numbers and text items.
- The phone supports SIM cards that can save up to 250 names and phone numbers. Names and numbers saved in the SIM card's memory, are indicated by .

Phone book settings

Press Menu and select **Contacts** and **Settings**. Select

- **Memory in use** to select the phone book you want to use. To find names and numbers from both phone and SIM card, select **Phone and SIM**. The names and numbers will be saved in the phone's memory.
- **Contacts view** to select how the names and numbers in the phone book are displayed.
- **Memory status** to see how many names and phone numbers are currently saved and how many can still be saved in the selected phone book.

Save names and phone numbers (Add names)

Names and numbers will be saved in the used memory, see "Phone book settings" above.

1. Press Menu and select **Contacts** and **Add contact**.
2. Enter the name and press OK.
3. Enter the phone number, and press OK.
4. When the name and number are saved, press Done.



Tip: Quick save In standby mode, key in the phone number. Press

Options, and select **Save**. Enter the name, press OK and Done.

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Save multiple numbers and text items per name

You can save different types of phone numbers and short text items per name in the phone's internal phone book.

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

1. Make sure that the memory in use is either *Phone* or *Phone and SIM*. See "Phone book settings" on page 36.
2. To access the list of names and phone numbers, press in standby mode.
3. Scroll to the name saved in the phone's internal phone book to which you want to add a new number or text item, and press Details.
4. Press Options and select *Add number* or *Add detail*.
5. Select one of the following number types *General*, *Mobile*, *Home*, *Office* and *Fax*, or text types *E-mail address*, *Web address*, *Postal address* and *Note*.

To change the number or text type, select *Change type* in the options list.

6. Enter the number or text item and press OK to save it.
7. Press Back and then Exit to return to standby mode.

Change the default number

Press in standby mode, scroll to the name you want and press Details. Scroll to the number you want to set as the default number. Press Options and select *Set as default*.

Search for a name in the phone book

1. Press Menu and select *Contacts* and *Search*.
2. You can key in the first characters of the name you are searching for in the pop-up window.
Press and to scroll through the names in the list, and and to move the cursor in the pop-up window.
3. Scroll to the name you want, and press Details. Scroll to view the details of the selected name.

Tip: To quickly find a name and phone number, press in standby mode. Key in the first letter(s) of the name, and/or scroll to the name you want.

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Tip: To view a specific name with its default number, press and hold **Ⓜ** ******.

Edit a name, number or text item

Search for the name (and number) you want to edit and press Details. Scroll to the name, number or text item you want to edit, and press Options. Select *Edit name*, *Edit number* or *Edit detail* to edit the name, number or text, then press OK.

Delete names and numbers

Press Menu and select *Contacts* and *Delete*.

- To delete names and numbers one by one, select *One by one* and scroll to the name (and number) you want to delete. Press Delete and press OK to confirm.
- To delete names and numbers in the phone book all at once, select *Delete all* and then scroll to the phone book, *Phone* or *SIM card* and press Delete. Press OK and confirm with the security code.

Delete numbers or text items

Press **Ⓜ** in standby mode, scroll to the desired name (and number) and press Details. Scroll to the number or text item you want to delete, press

Options and select *Delete number* or *Delete detail*, respectively.

Copy in phone book

You can copy names and phone numbers from the phone's memory to your SIM card's memory and vice versa. Note that any text items saved in the phone's internal memory, such as e-mail addresses, will not be copied to the SIM card.

1. Press Menu and select *Contacts* and *Copy*.
2. Select the copying direction, *From phone to SIM card* or *From SIM card to phone*.
3. Select *One by one*, *All* or *Default numbers*.
 - If you select *One by one*, scroll to the name you want to copy and press Copy.

Default numbers is shown if you copy from the phone to the SIM card. Only the default numbers will be copied.
4. To choose whether you want to keep or delete the original names and numbers, select *Keep original* or *Move original*.
 - If you select *All* or *Default numbers*, press OK when *Start copying?* or *Start moving?* is displayed.

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Send and receive business cards

You can send and receive a person's contact information as a business card from one compatible device to another as a message if supported by the network.

Receiving a business card

When you have received a business card as a message, press Show. Press Save to save the business card in the phone's memory. To discard the business card, press Exit and then OK.

Sending a business card

You can send a business card as a message to a compatible phone or other handheld device which supports the vCard standard.

1. To send a business card, search for the name and phone number you want to send from the phone book, press Details and Options and select *Send bus. card*.
2. To send the business card as an OTA message, select *Via text message*.

Speed dials

To assign a number to a speed dialling key, press Menu, select *Contacts*, *Speed dials*. Scroll to the speed dialling key number you want.

Press Assign, press Search, and select first the name and then the number you want to assign. If a number has already been assigned to the key, press Options, and you can view, change or delete the assigned number.

If the *Speed dialling* function is off, the phone asks whether you want to activate it. Press Yes to activate the function. Refer to "Speed dialling" on page 43.

Info numbers

you can call the information numbers of your service provider from this menu if they are pre-installed in your SIM card.

Press Menu and select *Contacts* and *Info numbers*. Scroll through a category to an information number and press  to call the number.

Service numbers

You can call the service numbers of your service provider from this menu if the numbers are pre-installed in your SIM card.

Press Menu and select *Contacts* and *Service numbers*. Scroll to a service number and press  to call the number.

My numbers

The phone numbers assigned to your SIM card are saved in *My*

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numbers if this is allowed by the card. To view the numbers press Menu and select *Contacts* and *My numbers*. Scroll to the desired name or number, and press View.

Caller groups

You can arrange the names and phone numbers saved in the phone book into caller groups. For each caller group, you can set the phone to sound a specific ringing tone and show a selected graphic on the display when you receive a call from a recognised phone number in the group, see below. To set the phone to ring only upon calls from phone numbers belonging to a selected caller group, see *Alert for* in "Tone settings" on page 46.

Press Menu and select *Contacts* and *Caller groups* and select the desired caller group. Select

- *Group name*, enter a new name for the caller group and press OK.
- *Group ringing tone* and select the ringing tone for the group. *Default* is the ringing tone selected for the currently active profile.
- *Group logo* and select *On* to set the phone to display the group logo, *Off* not to display it, or *View* to view the logo.
- *Group members* to add a name to the caller group, press Options

and select *Add contact*. Scroll to the name you want to add to the group and press Add.

To remove a name from a caller group, scroll to the name you want to remove, and press Options and select *Remove contact*.

Profiles (Menu 4)



Your phone has various setting groups, profiles, for which you can customise the phone tones for different events and environments. Initially, personalise the profiles to your own liking and then you only need to activate a profile to use it. Available profiles are *General*, *Silent*, *Meeting*, *Outdoor*, and *Pager*.

Press Menu, and select *Profiles*. Scroll to a profile and press Select.

- To activate the selected profile, select *Activate*.
- To set the profile to be active for a certain amount of time up to 24 hours, select *Timed* and set the end time. When the time set for the profile expires, the previous profile that was not timed, becomes active.
- To personalise the profile, select *Personalise*. Select the setting you want to change and make the changes. The same settings

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can also be changed in the *Tone settings* menu, see "Tone settings" on page 46.

To rename a profile, *Profile name*. The *General* profile can not be renamed.



Tip: To change the profile quickly in standby mode, press the power key , scroll to the profile you want to activate and press Select.

Settings (Menu 5)



Right selection key

To access some specific functions quickly, you can add them to the list assigned to the right selection key, and rearrange the functions in the list.

1. Press Menu, and select *Settings* and *Right selection key settings*.

- To select desired functions for the right selection key, select *Select options* and the list of available functions is shown.

To add the desired function to the selection key list, press Mark. When a function is added to the list, the right selection key changes from Contacts to Go to.

To remove a function from the list, press Unmark.

- To rearrange the functions in the list, select *Organise* and then the desired function. Press Move and select an option to move the function in the list.
2. When you have made all the changes, press Done. To save the changes, press Yes or to discard the changes, press No.

Screen saver settings

Press Menu, select *Settings*, *Screen saver* and select:

- On* to turn on the screen saver;
- Off* to turn off the screen saver;
- Select s. saver* to select the animation or image you want to set as screen saver;
- Time-out* to set the timeout after which the screen saver will be activated.

Time and date settings

Clock

Press Menu, and select *Settings*, *Time and date settings* and *Clock*.

Select *Show clock* (or *Hide clock*) to show (or hide) the time on the top right of the display in standby mode. Select *Set the time* to adjust the clock to the correct time, and *Time format* to select 12-hour or 24-hour time format.

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Date

Press Menu, and select *Settings*, *Time and date settings* and *Date*.

Select *Show date* (or *Hide date*) and the date is shown (or hidden) on the display when the phone is in standby mode. Select *Set the date* to adjust the date. You can also select the date format.

If the battery is flat or removed from the phone for a long time, you may need to set the date and time again.

Auto update of date and time

Press Menu, and select *Settings*, *Time and date settings* and *Auto-update of date & time* (network service). To set the phone to automatically update the time and date according to the current time zone, select *On*. To set the phone to ask for a confirmation before the update, select *Confirm first*.

Note that the automatic update of the date and time will affect other time related features (for example alarm clock). These features will always follow the updated time. Updating may cause some alarms that you have set to expire.

Call settings

Call divert

Press Menu, and select *Settings*, *Call settings* and *Call divert* (network service). With call divert,

you can direct your incoming calls to another number, for example, to your voice mailbox number. For details, contact your service provider. Divert options not supported by your SIM card or your network operator may not be shown.

Select the divert option you want, for example, select *Divert if busy* to divert the voice calls when your number is busy or when you reject an incoming call.

To set the divert setting to on, select *Activate* and then select the timeout after which the call is diverted, if this is available for the divert option. To set the divert setting to off, select *Cancel*, or select *Check status* to check whether call divert is activated or not. *Check status* is only available for certain options. Several divert options may be active at the same time.

To see the divert indicators in standby mode, see "Standby mode" on page 2.

Anykey answer

Press Menu, and select *Settings*, *Call settings* and then *Anykey answer*. Select *On* and you can answer an incoming call by briefly pressing any key, except , selection keys  and , and .