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User's Guide

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Issue 5

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Quick and easy

Thank you for choosing this Nokia phone! These pages give some tips on using your phone. More detailed information is given throughout this user's guide.

■ Before using your phone

1. Insert a SIM card in the phone. See Inserting a SIM card on page 24.
2. Install and charge the battery. See Inserting a SIM card on page 24 and Charging the battery on page 26.
3. Switch on your phone by pressing and holding ⏻ (see page 28). See also Display indicators on page 21.

■ Call functions

Making a call

Key in the area code and phone number and press (**Call**).

Ending a call

Press (**End**).

Answering a call

Press (**Answer**).

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Redialling a phone number

Press in standby mode, scroll to the desired number with or , and press (Call).

Adjusting the earpiece volume

Press or during a call.

Calling your voice mailbox

Press and hold in standby mode. See also Voice mailbox number (Menu 2-9) on page 67.

Making a call by voice dialling

Add a voice tag to the desired phone number (see page 54). Press and hold in standby mode and say the voice tag to make a call.

■ Phone book functions

Quick save

Key in the phone number and press or to change the text above to *Save*. Press (Save).

Key in the name and press (OK).

Quick find

Press in standby mode, (key in the first letter of the name) and scroll with or to the desired name. Press and hold to view the related phone number.

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■ Entering or exiting a menu function

Entering

Press (Menu). Scroll with or to the desired menu function and press (Select). Repeat this for submenus and setting options.

Exiting

Press to return to the previous menu level. Press and hold to return to standby mode.

■ Other essential functions

Locking or unlocking the keypad

In standby mode, press and then quickly.

Setting the phone tones for different environments

Press quickly, use or to scroll to the desired option, and press (OK).

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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 on the phone 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 phone off near medical equipment.

SWITCH OFF IN AIRCRAFT
Wireless devices can cause interference in aircraft.

SWITCH OFF WHEN REFUELING
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.

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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.

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

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

CALLING
Ensure the phone is switched on and in service. Enter the phone number, including the area code, then press (**Call**). To end a call, press (**End**). To answer a call, press (**Answer**).

EMERGENCY CALLS
Ensure the phone is switched on and in service. Press and hold C 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 (**Call**). Give your location. Do not end the call until told to do so.

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General information

■ Stickers on the sales package

The stickers contain important information for service and customer support purposes. Keep these stickers in a safe and secure place.

■ Security code

The security code protects your phone against unauthorised use. This code is supplied with the phone. The preset code is 12345. Change the code (see Change access codes on page 87) and set the phone to request it (see Phone security on page 86). Keep the new code secret and in a safe place, separate from the phone.

■ Network services

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

Dualband 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.

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■ Accessories

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-8, LCH-9, and DCV-10.

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 will invalidate any approval or warranty applying to the phone, and may be dangerous.

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

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

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1. Your phone

This chapter introduces you to the keys and display indicators of the phone. More details are given throughout this user's guide.

■ Using the keys

Power key

Pressing and holding the ⏻ key switches the phone on or off.

In standby mode, pressing this key briefly shows the list of profiles which allow you to set the phone tones for different environments.

In a menu function, pressing this key briefly turns on the lights for 15 seconds.

Number keys

0 to 9 allow you to key in numbers and letters.

* and # are used for various purposes in different functions.

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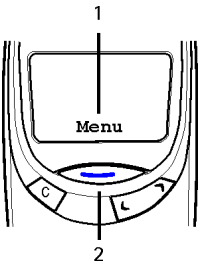
Navi key



The use of the phone is largely based on the Nokia Navi™ key ( ) below the display (2).

The function of this key varies according to the guiding text (1) shown above it.

In this user's guide, the symbol is followed by the related guiding text, e.g. (Menu) or (Select).

Scroll keys

In standby mode: shows the names and phone numbers stored in the Phone book. shows the list of last dialled numbers.

In the menu: These keys browse through menus and settings.

When keying in a name or number or writing a text message: moves the cursor to the left and to the right.

During a call: These keys adjust the earpiece volume.

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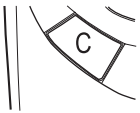
C key



When keying in a name or number: This key deletes the character to the left. When pressed and held, it deletes all characters from the display.

In a menu function: This key returns to the previous menu level. Press and hold this key to exit the menu.

When you receive a call: Pressing this key rejects the call.

■ Display indicators

Display indicators inform you of the current operation of the phone.

Standby mode

The indicators described below are shown when the phone is ready for use, with no characters keyed in by the user. When this screen is shown, the phone is in 'standby mode'.

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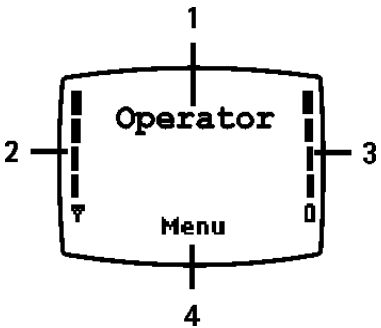

1. Indicates in which cellular network the phone is currently used.
2. Shows the signal strength of the cellular network at your current location. The higher the bar, the stronger the signal.
3. Shows the battery charge level. The higher the bar, the more power left in the battery.
4. Shows the current function of the Nokia Navi™ key ( ).

Essential indicators related to menu functions

One or more of the following indicators may be shown when the phone is in standby mode:

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Indicates that you have received a text or picture message.

See Reading a text message (Inbox - Menu 2-2) on page 60 and Picture messages (Menu 2-4) on page 62.

Indicates that the phone does not ring or beep when you receive a call since the "Incoming call alert" setting is set to *Off*.

See Tones (Menu 5) on page 75 and Profiles (Menu 12) on page 101.

Indicates that the phone's keypad is locked. See Locking the keypad on page 35.

Indicates that the alarm clock is on. See Alarm clock (Menu 11-1) on page 97.

Indicates that all your calls are diverted. See Call divert (Menu 7) on page 88.

Indicates that your calls are limited to a closed user group (network service). See Closed user group on page 85.

2

Indicates that you can make calls using phone line 2 only (network service). See Phone line in use on page 81.

Indicates that stopwatch timing is proceeding in the background. See Stopwatch (Menu 11-4) on page 98.

Indicates that the countdown timer is running in the background. See Countdown timer (Menu 11-5) on page 98.

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2. Getting started

Before you can use your phone, you need to insert a SIM card in it, and then install and charge the battery.

■ Inserting a SIM card

The phone can only be used with a valid miniature plug-in SIM card. You can obtain the card from your network operator or service provider.

Using the SIM card

- 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.

Inserting the SIM card in the phone

- Before installing the SIM card, always make sure that the phone is switched off and then remove the battery.

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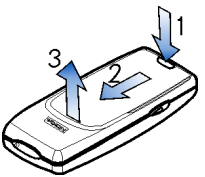
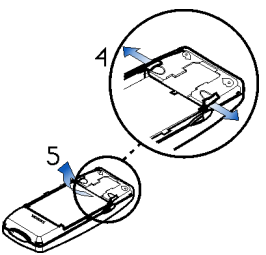
1. **Remove the back cover:**

   Press the locking catch (1), slide the cover (2), and lift the cover (3).



2. **Remove the battery:**

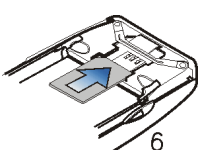
   Push the two release catches in the opposite directions (4) and remove the battery (5).



3. **Insert the SIM card:**

   Slide the SIM card carefully into the SIM card slot (6).

   Make sure that the golden connectors on the card are facing downwards and that the bevelled corner is on the left.



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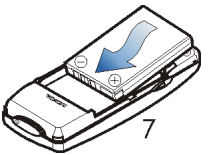
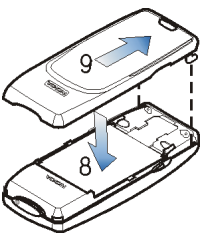
4. **Install the battery:**

   Align the golden connectors on the battery with the corresponding connectors on the phone and push the opposite end of the battery until it snaps into place (7).



5. **Replace the back cover:**

   Insert the two catches of the back cover in the corresponding slots in the phone (8) and slide the cover towards the bottom of the phone until it locks into place (9).



■ Charging the battery

- Do not charge the battery when either of the phone covers is removed. See also Battery information on page 109.

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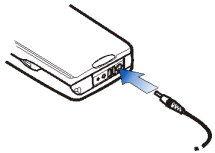
1. Connect the lead from the charger to the base of the phone.



2. Connect the charger to an AC wall outlet. The battery indicator bar starts scrolling.
   - The phone can be used while charging if it is switched on.
   - If the battery is totally run down, it may take up to a few minutes before the charging indicator is shown.
   - The charging time depends on the charger and battery used and on how much power there is left in the battery. For example, charging the battery supplied with the phone may take up to six hours when using the ACP-7 charger.
   - If *Not charging* is displayed, charging is suspended. Wait for a while, disconnect the charger, plug it in again and retry. If charging still fails, contact your dealer.
3. When the battery is fully charged, the bar stops scrolling. Disconnect the charger from the AC outlet and the phone.

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■ Switching the phone on or off

Switching on

Press and hold the ⏻ key for a second.

If the phone requests a PIN code or security code:
Key in the code and press (OK).

See also PIN code request on page 84, Phone security on page 86, and Access codes on page 107.

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

Note:

- Always store and use the phone with the covers attached.
- TIPS ON EFFICIENT OPERATION: Your phone has a built-in antenna (blue area in picture). As with any other radio-transmitting device, do not 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..

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Switching off

Press and hold the ⏻ key for a second.

Tip: Alternatively, press ⏻ **quickly** in standby mode, scroll with ◁ or ▷ to *Switch off!*, and press ⊖ (**OK**).

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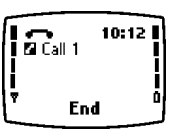
3. Basic functions

■ Making a call

1. In standby mode, key in the phone number including the area code using the keys 0 to 9. The text **Menu** changes to **Call**.

   If you make a mistake, press C to delete the character to the left.

2. Press (**Call**) and wait for the answer. The text **Call** changes to **End**.
3. Press (**End**) to finish the call (or to cancel the call attempt).



Switching to handsfree mode

When you are using the phone with the PPH-1 handsfree car kit, you can switch from handsfree mode to privacy mode by disconnecting the PPH-1 from the phone.

To switch back to handsfree mode, plug the PPH-1 into the phone.

International calls

1. In standby mode, press * twice quickly for the + character which replaces the international access code.

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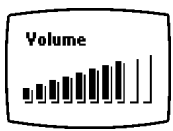
2. Enter the country code, area code (remove the leading 0 if necessary) and phone number.
3. Press (Call) to call the number.

Adjusting the earpiece volume



You can adjust the earpiece volume during a call. Press to increase and to decrease the volume level.

If you want to adjust the earpiece volume while the phone is alerting you to an incoming call, press twice and then adjust the volume.

Muting the microphone

To turn off the phone's microphone during a call: press and then (Options), scroll to *Mute*, press (Select).

To turn on the microphone: press and then (Options), scroll to *Unmute*, press (Select).

Redialling a last dialled number

You can redial any of the last 20 phone numbers that you have called or attempted to call. See also Dialled numbers (Menu 4-3) on page 71.

To redial one of these last dialled numbers:

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1. In standby mode, press ↗ once to view the list of dialled numbers.
2. Use ↙ or ↗ to scroll to the desired phone number or name.
3. Press (Call) to call the number.

Making a call using the Phone book

If you have stored a phone number in the Phone book, you can dial it using the related name.

See page 51 for storing a phone number with a name.

1. Press (Menu) in standby mode.
2. Press (Select) (when *Phone book* is displayed).
3. Press (Select) (when *Search* is selected).
4. Key in the first letter of the name (using the keys 2abc to 9wxyz) and press (OK). For example, to view the first name starting with the letter "S", press 7pqrs quickly four times.

   You can skip this step if you like.
5. Scroll with ↙ or ↗ to the desired name. You can check the related phone number by pressing and holding #.
6. Press (Call).

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Quick find: Press in standby mode. The first name (and/or phone number) in the Phone book is displayed. Find the desired name by first keying in its first letter and pressing or .

Speed dialling a phone number

If you have assigned a phone number to one of the speed dialling keys to , you can call this phone number in one of the following ways (in standby mode):

- Press the corresponding speed dialling key and then (**Call**).
- If the *Speed dialling* function is on: Press and hold the speed dialling key until the call is started.

  Note that pressing and holding calls your voice mailbox.

See also Assigning a phone number to a speed dial key (Menu 1-9) on page 53) and Speed dialling on page 80.

Making a new call during a call

You can have two calls in progress at the same time (network service).

1. During a call, press to change the text above from **End** to **Options**.
2. Press (**Options**), scroll to *New call*, press (**Select**), key in the phone number or recall it from the Phone book, and press (**Call**).

   The existing call is put on hold. The active call is indicated by and the held call by .

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3. To switch between the two calls: Press (**Options**), scroll to *Swap*, press (**Select**).
4. To end the active call: Press (**Options**), scroll to *End active call*, press (**Select**). The held call becomes active.

   To end both calls: Press (**Options**), scroll to *End all calls*, press (**Select**).

Answering a call

When somebody is calling you, the phone rings (if the *Incoming call alert* setting is not set to *Off*) and flashes its lights, and a related text is displayed.

If the network could not identify the caller, *Call* is displayed.

If the caller could be identified, the caller's phone number (or name if stored in the Phone book) and *calling* are displayed.

1. To answer the call, press (**Answer**).

   If the call was diverted from some other phone number, the > sign may be shown after *Call* or *calling* (network service).
2. Press (**End**) to finish the call.

Diverting or rejecting a call

If you do not want to answer the call, press C. The caller will hear a "line busy" tone. If the *Divert when busy* function is activated (see page 88), the call is diverted e.g. to your voice mailbox.

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Answering a new call during a call

When the *Call waiting options* function is on (see page 81), the phone plays a beep and displays a related text when you receive a call.

Do as you would when making a call during a call but this time select the *Answer* option. In a call list, a waiting call is indicated by ▪▪▪ . If you don't want to answer the call, select the *Reject* option.

■ Listening to voice messages

1. In standby mode, press and hold 1 for a second to call your voice mailbox. You can obtain the voice mailbox number from your service provider.
2. If the phone asks for the number of the voice mailbox, key it in and press (**OK**). See also Voice mailbox number (Menu 2-9) on page 67 and Call divert (Menu 7) on page 88.
3. Listen to the message(s) that you have received.
4. End the call by pressing (**End**).

Tip: If the text **Listen** is shown above the key, you can call your voice mailbox by pressing this key.

■ Locking the keypad

The keypad lock prevents keys from being accidentally pressed when, for example, the phone is in your pocket or handbag.

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To turn the lock on:

In standby mode, press (Menu) and then quickly.

To turn the lock off:

Press (Unlock) and then quickly.

When the keypad is locked:

- The indicator is shown
- You can answer, end or reject a call in the normal way.

  During a call, you can operate the phone as usual.
- The headset HDC-5 can be used as usual.

Note: When Keyguard is on, calls may be possible to the emergency number programmed into your phone (e.g. 112 or other official emergency number). Key in the emergency number and press (Call). The number is displayed only after you have keyed in its last digit.

■ Selecting a ringing tone (Menu 5-1)

1. In standby mode, press (Menu).
2. Scroll with or to *Tones* and press (Select).
3. Scroll to *Ringing tone* and press (Select).

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4. Scroll to the desired ringing tone (a sample is sounded) and press (**OK**) to select it.
5. Press and hold to return to standby mode.

See also Ringing tone (Menu 5-1) on page 75.

■ Adjusting all the phone tones by a single setting

You can set the phone tones (e.g. ringing tone) and screen saver to function in the desired manner by selecting a setting group ('profile').

This makes it easy to adjust the tones for different environments and events (e.g. outdoor activities).

For more information, see Tones (Menu 5) on page 75 and Profiles (Menu 12) on page 101.

1. In standby mode, press the power key ( ) quickly.
2. Scroll with or to the desired profile (e.g. to *Silent* to turn off the ringing tones).
3. Press (**OK**) to confirm the setting.

■ Storing a phone number with a name

To store a new name and phone number in the Phone book:

1. In standby mode, press (**Menu**) (*Phone book* is displayed) and then (**Select**).
2. Scroll with to *Add name*, and press (**Select**).

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3. With the *Name:* text on the display, key in the desired name (see Writing text on page 38).
4. After you have written the name, press (**OK**).
5. When *Phone number:* is displayed, key in the area code and the phone number that you want to save with the name.

   If you make a mistake, press C to remove the digit to the left.

   Tip: If you want to use the phone number when abroad, press * twice quickly for the + character and key in the country code, area code (remove the leading 0 if necessary) and phone number.
6. After you have written the phone number, press (**OK**).

   The name and phone number are stored in the Phone book.
7. If you want to add a voice tag to the name and phone number, see Voice dialling (Menu 1-10) on page 54.

Quick save: In standby mode, key in the phone number. Press or to change the text above to **Save**. Press (**Save**). Key in the name and press (**OK**).

■ Writing text

The phone provides you with two ways to write text messages and reminder notes: predictive text input and traditional text input.

To exit from text input to standby mode at any time, press and hold C twice. Alternatively: Press (**Options**), scroll to *Exit*, and press (**OK**).

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Using predictive text input

Predictive text input is an easy way to write for example text messages and reminder notes. In this input method, you only need to press a key once for each letter.

According to your keypresses, the phone tries to find the correct word from the currently selected dictionary. (For selecting a dictionary, see page 41.)

When you want to use predictive text input, check that is shown at the top of the display.

You can switch between predictive and traditional text input by pressing twice.

Note that predictive text input may use Unicode characters. For more information, see Writing and sending a text message (Menu 2-1) on page 58.

1. Write the desired word by pressing each key once for one letter.

   For example, to write 'Nokia', press:

   As you can see in the illustration above, the word changes after each keypress. Therefore you don't need to pay much attention to what happens on the display before you have keyed in the whole word.

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- To delete a character to the left, press .
- To switch between letter cases, press repeatedly and check the indicator at the top of the display. For example, **abc** is shown when the lower case is in use.
- To insert a number, press and hold the desired number key.

  To insert several numbers, press and hold and key in the numbers. For an alternative method, see step 3.
- To insert a punctuation mark, press repeatedly.
- To insert a special character: Press and hold , scroll to the desired character, and press (**Use**).

2. When you have finished writing the word, check that the word is correct.

   If the word is correct: Press and write the next word.

   If the word is not correct: Press repeatedly until the desired word appears. For an alternative method, see step 3.

   If the ? character is shown after the word: There are no further words in the dictionary that correspond to your keypresses. To add a word in the dictionary: Press (**Spell**), key in the word using traditional text input, and press (**OK**).

3. If the text **Options** is shown above , you may be able to access the following options by this key, depending on the current function:

   Matches: Shows a list of words that correspond to your keypresses. Scroll to the desired word and press (**Use**).

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Insert word: Allows you to add a word to the dictionary manually. Write the word using traditional text input and press (**OK**).

Insert number: Allows you to key in numbers by pressing each number key once.

Insert symbol: Allows you to select a special character from a list. Scroll to the desired character (such as %) and press (**Use**).

Writing compound words

Write the first half of the word, press *, and then write the second half.

Selecting a dictionary for predictive text input

1. In the *Write messages* menu (Menu 2-1), press (**Options**).
2. Scroll to *Dictionary* and press (**OK**).
3. Scroll to the desired language and press (**OK**).

Turning predictive text input off

1. In the *Write messages* menu (Menu 2-1), press (**Options**).
2. Scroll to *Dictionary* and press (**OK**).
3. Scroll to *Dictionary off* and press (**OK**).

Traditional text input

Traditional text input is commonly used in mobile phones. In this input method, you press a key repeatedly until the desired character appears.

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When you want to use traditional text input, check that is shown at the top of the display.

1. When writing text, press a number key (to) marked with the desired character repeatedly until the character appears.

   The available characters depend on the language selected for display texts (see "Language" on page 82).

   Note that all available characters are not printed on the keys.

2. You can use the following functions to edit the text:
   - To add a space, press .
   - To add a punctuation mark or special character, press repeatedly. Alternatively: Press , scroll to the desired character, and press (Use).
   - To move the cursor left or right, press or , respectively.
   - To remove the character to the left, press .
   - To clear the screen, press and hold .
   - To switch between upper and lower case, press quickly.
   - To add a number, press and hold the key labelled with the desired number. To switch between letters and numbers, press and hold . **123** is shown when numbers can be entered.
   - To key in a character which is under the same key as the previous one, press or (or wait for one second) and key in the new character.

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4. Using the menus

The phone offers a range of functions that allow you to tailor it to your needs.

These functions are arranged in menus and submenus which can be accessed by scrolling or using the appropriate shortcut.

■ Accessing a menu function

By scrolling

1. Press (**Menu**) in standby mode.
2. Press or to scroll to the desired main menu, e.g. *Settings*.
3. Press (**Select**) to enter the main menu.
4. If the main menu contains any submenus, reach the desired one with or (e.g. *Call settings*).
5. Press (**Select**) to enter the submenu. If the submenu contains any further submenus (e.g. *Speed dialling*), repeat steps 4 and 5.
6. Press or to scroll to the setting of your choice (e.g. *Off*).
7. Press (**OK**) to confirm the chosen setting. If you don't want to change the setting, press C.

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By a shortcut

The menus, submenus and setting options are numbered and can be accessed by their shortcut number. The shortcut number is shown in the top right of the display.

1. Press (Menu).
2. Key in quickly (within three seconds) the number of the menu you want to access.

   Repeat this step for a submenu.
3. Within three seconds, key in the number of the desired function and setting option.

■ Exiting a menu function

You can return to the previous menu level by pressing C or exit the menu by pressing and holding C.

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■ List of menu functions

1. Phone book

1. Search
2. Service Nos. [1]
3. Add name
4. Erase
5. Edit
6. Assign tone
7. Send b'card
8. Options
   1. Type of view
   2. Memory status
9. Speed dials
10. Voice tags

2. Messages

1. Write messages
2. Inbox
3. Outbox
4. Picture messages
5. Templates
6. Smileys
7. Message settings

1. Available only if supported by the SIM card.

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1. Set 1[1]
   1. Message centre number
   2. Messages sent as
   3. Message validity
2. Common[2]
   1. Delivery reports
   2. Reply via same centre
   3. Character support[3]

8. Info service
9. Voice mailbox number[4]
10. Service command editor

3. Chat

4. Call register

1. Missed calls
2. Received calls
3. Dialled numbers
4. Erase recent call lists
5. Show call duration
   1. Last call duration
   2. All calls' duration

1. The amount of sets depends on how many sets your SIM card offers. Each set appears in its own submenu and may have any name.
2. The shortcut number of this menu depends on the amount of sets available.
3. Availability of this menu may vary according to your service provider.
4. May not be shown if the voice mailbox number has been stored on the SIM card by your network operator or service provider.

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3. Received calls' duration
4. Dialled calls' duration
5. Clear timers

6. Show call costs
   1. Last call cost
   2. All calls' cost
   3. Clear counters

7. Call cost settings
   1. Call cost limit
   2. Show costs in

8. Prepaid credit

5. Tones

1. Ringing tone
2. Ringing volume
3. Incoming call alert
4. Composer
5. Message alert tone
6. Keypad tones
7. Warning tones
8. Vibrating alert
9. Screen saver

6. Settings

1. Call settings
   1. Automatic redial
   2. Speed dialling

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3. Call waiting options
4. Own number sending
5. Phone line in use
6. Automatic answer [1]

2. Phone settings
   1. Language
   2. Cell info display
   3. Welcome note
   4. Network selection
   5. Lights [2]
   6. Confirm SIM service actions
3. Security settings
   1. PIN code request
   2. Call barring service
   3. Fixed dialling
   4. Closed user group
   5. Phone security
   6. Change access codes
4. Restore factory settings

7. Call divert [3]

1. Divert all voice calls without ringing
2. Divert when busy

1. This setting is shown only when the phone is connected to the PPH-1 car kit or the HDC-5 headset.
2. This setting is shown only when the phone is connected to the PPH-1 car kit.
3. The divert options that are not supported by your network operator may not be shown.

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3. Divert if not answered
4. Divert when phone off or no coverage
5. Divert when off, no answer, or no coverage
6. Cancel all diverts

8. Games

9. Calculator

10.Reminders

11.Clock

1. Alarm clock
2. Clock settings
3. Date setting
4. Stopwatch
5. Countdown timer
6. Auto update of date and time

12.Profiles

13.SIM services[1]

1. Shown only if supported by your SIM card. The name and contents of this menu vary, depending on the SIM card.

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5. Phone book (Menu 1)

Within the *Phone book* menu you can

- store phone numbers and their related names on your SIM card
- manage the stored names and phone numbers in various ways

To access this menu: In standby mode, press (**Menu**) and then (**Select**).

To enter the Phone book during a call, press C to change the text above to **Options**, press (**Options**), and select *Phone book*.

■ Recalling a name and phone number (Menu 1-1)

The *Search* function allows you to recall the desired name and phone number from the Phone book to the display e.g. for calling.

See also Making a call using the Phone book on page 32.

■ Calling a service number (Menu 1-2)

The *Service Nos.* function allows you to easily call the service numbers of your service provider. This menu is shown only if there are service numbers stored on your SIM card.

Select the desired service number and press (**Call**) to call it.

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■ Storing a name and phone number (Menu 1-3)

The *Add name* function allows you to add names and phone numbers in the Phone book. For more information, see page 37.

The phone supports SIM cards which can store up to 250 phone numbers and names. However, it depends on the SIM card how many numbers and names you can actually save in the Phone book.

■ Erasing a name and phone number (Menu 1-4)

The *Erase* function allows you to delete phone numbers and names from the Phone book one by one (select *One by one*) or all at once (*Erase all*).

■ Editing a stored name and phone number (Menu 1-5)

The *Edit* function allows you to modify the names and phone numbers stored in the Phone book. For details, see Storing a phone number with a name on page 37.

■ Assigning a ringing tone to a phone number (Menu 1-6)

The *Assign tone* function allows you to set the phone to play a specific ringing tone when you receive a call from a particular phone number.

Scroll to a name or phone number in the Phone book and press (**Assign**).

Scroll to the desired ringing tone (*Default* is the tone selected for the current profile in Menu 12) and press (**OK**).

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■ Sending and receiving a name and phone number (Menu 1-7)

The *Send b'card* function allows you to send a name and phone number ("business card") from your Phone book to another phone.

Select *Send b'card*, scroll to the name and phone number you want to send, and press (**Send**). Enter the recipient's phone number or recall it from the Phone book, and press (**OK**).

Receiving a name and phone number

When somebody sends you a phone number and related name, you will hear a message tone and the text *Business card received* is displayed.

To view, save, or erase the number and name, press (**Options**), scroll to the desired function, and press (**OK**).

■ Type of view and memory status (Menu 1-8)

Selecting how the stored names and phone numbers are displayed - Type of view

This function allows you to select how your phone shows the stored phone numbers and names. The options are:

Name list: Shows three names at a time.

Name, number: Shows one name and phone number at a time.

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Large font: Shows one name at a time in large font.

Checking the amount of free space in the Phone book – Memory status

This function allows you to check how many names and phone numbers can still be stored and are currently stored in the Phone book.

■ Assigning a phone number to a speed dial key (Menu 1-9)

You can set any of the number keys 2 abc to 9 wxyz to work as a speed dialling key.

With the *Speed dials* function you can assign the desired phone number to one of these keys.

1. Scroll to the desired key and press (**Assign**).

   Assign is also shown when the phone has automatically assigned a phone number to a speed dialling key.

2. Search for the desired name and/or phone number from the Phone book, and press (**OK**) to select it.

You can view, change, or remove any assignments that you have made by first pressing (**Options**) and then selecting the desired function.

Using the speed dialling keys

Either: In standby mode, press the desired speed dialling key and then (**Call**).

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Or if *Speed dialling* is on (see page 80): In standby mode, press and hold the desired speed dialling key until the call is started.

■ Voice dialling (Menu 1–10)

You can dial a phone number by saying one or several words ('voice tag') attached to it. The voice tag can be any spoken word, for example a name. Up to eight phone numbers in the phone book can have voice tags at the same time.

Before using voice dialling, note that:

- Voice tags are not language dependent. They are dependent on the speaker's voice.
- Voice tags are sensitive to background noise. Record them and make calls in a quiet environment.
- When recording a voice tag or making a call by saying a voice tag, hold the phone in the normal position near to your ear.
- Very short names are not accepted. Use long names and avoid similar names for different numbers.

Note: You must say the name exactly as you said it when you recorded it. This may be difficult in, for example, a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

Adding a voice tag to a name and phone number

1. In the *Voice tags* menu, select *Add voice tag* and then the name and phone number to which you want to add a voice tag.
2. Press **Add voice tag**.

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3. Press (**Start**) when *Press Start, then speak after tone* is displayed. The phone sounds a tone and *Please speak now* is briefly displayed.
4. Hold the phone near your ear and say clearly the word(s) you want to record as a voice tag.
5. After recording, the phone plays the recorded voice tag (*Playing voice tag* is displayed) and saves it.

Voice tags are stored in the phone and are removed when you insert another SIM card into the phone.

Making a call by saying a voice tag

1. In standby mode, press and hold (**Menu**). The phone sounds a tone and *Please speak now* is displayed.
2. Say the desired voice tag clearly while you hold the phone in the normal position near your ear.
3. The phone plays the voice tag and dials the related phone number.
   - If no match for the voice tag is found or recognised, the phone will ask you to try again. Press (**Yes**) to say the voice tag again, or C to return to standby mode.

When you use the HDC-5 headset

1. Press and hold the headset button until you hear a short tone.
2. Say the voice tag clearly.

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3. The phone plays the voice tag and automatically dials the related phone number.

Listening to a voice tag

1. In the *Voice tags* menu, select *Playback*.
2. Scroll to the name or phone number whose voice tag you want to hear and press (**Select**).

Changing a voice tag

1. In the *Voice tags* menu, select *Change*.
2. Scroll to the name (or phone number) whose voice tag you want to change and press (**Select**).
3. Press (**Start**) to start the recording. The phone sounds a tone and *Please speak now* is displayed.
4. Say the word(s) you want to record as a new voice tag. The phone plays the new voice tag and confirms that it has been saved.

   If you press (**Quit**) while the phone plays the voice tag or if the phone doesn't accept the word, for example if the word is too short, the original voice tag is removed.

Erasing a voice tag

1. In the *Voice tags* menu, select *Erase*.

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2. Scroll to the name (or phone number) whose voice tag you want to erase and press (**Erase**). *Erase voice tag?* is displayed.
3. Press (**OK**) to erase the voice tag.

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6. Messages (Menu 2)

Within the *Messages* menu you can use various message functions related to voice, text and picture messages.

To access this menu: In standby mode, press (**Menu**), scroll to *Messages*, and press (**Select**).

■ Writing and sending a text message (Menu 2-1)

You can send and receive multi-part messages, which consist of several ordinary text messages (network service). This may effect the invoicing of a message.

Before sending a message, make sure that the phone number of your message centre is stored in the phone (see Message centre number on page 64). You can obtain this number from your service provider.

To exit from this menu at any time to standby mode, press and hold C twice. Alternatively: Press (**Options**), choose *Exit*, and press (**OK**).

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.

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Writing a message

1. In the *Messages* menu, scroll with or to *Write messages* and press (**Select**).
2. Write a message using predictive or traditional text input (see Writing text on page 38).

   If you use special (Unicode) characters, such as á, in your message, more parts may be needed for the message than otherwise. Note that predictive text input may use Unicode characters.

   The numbers on the top right of the display indicate how many characters you can still write in the multi-part message (the number to the left of the '/' character) and how many ordinary messages will be sent (the number to the right of the '/' character).

   Tip: You can switch between the predictive and traditional text inputs by pressing twice.
3. While writing the message, you can access a further set of functions by pressing (**Options**). Select the desired function and press (**OK**).

   Send: Sends the message to the desired recipient. Key in the recipient's phone number (or recall it from the Phone book) and press (**OK**). The message is sent using the set 1 in *Message settings* (see page 64).

   Send to many: Allows you to send the message to several recipients one after another. Select the first recipient and press (**Send**). Repeat this for each recipient. You can return to the message by pressing .

   Template: Allows you to use a preset message as a basis for your message.

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Insert smiley: Allows you to add a smiley character such as ":-)" to the message. Select the desired smiley with or and press (**Use**).

Dictionary: Allows you to switch to traditional text input (select *Dictionary off*) or to predictive text input (select the desired language).

Send by set: Allows you to select some other set of message settings than the set 1 (see page 64).

Save: Stores the message in *Outbox* (Menu 2-3).

Erase: Removes all the characters from the message.

Exit: Allows you to return to standby mode at any time.

When you are using predictive text input, the options described on page 28 are also available.

■ Reading a text message (Inbox – Menu 2-2)

When you receive a new text message, you hear a message alert tone selected for the current profile, and the number of new messages as well as are shown (in standby mode).

When flashes, there is no more space for new messages. Use the *Erase* function in the *Inbox* menu (Menu 2-2) to free some space.

1. Press (**Read**) to view the messages right away. To view the messages later, press and enter the *Inbox* menu (Menu 2-2) when you want to do so.
2. Scroll with or to the desired message and press (**Read**). Unread messages are indicated by .

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3. Use or to browse through the message.
4. While reading the message, you can use the functions below. Press (**Options**), scroll to the desired function, and press (**OK**). The functions available are:

   Erase: Deletes the message.

   Reply: Allows you to send a reply to the sender of the message. See Writing and sending a text message (Menu 2-1) on page 58.

   Chat: Allows you to have a conversation based on text messages with another party. Key in the nickname that you want to use in the chat and press (**OK**). Write the chat message and press (**OK**) to send it. For more information, see Chat (Menu 3) on page 68.

   Edit: Allows you to modify the message. See Writing text on page 38.

   Use number: Extracts a phone number from the message for calling or saving.

   Forward: Allows you to edit and forward the message to the desired phone number.

   Details: Shows the sender's name and phone number, the message centre used for sending as well as the reception date and time.

■ Viewing a message you have saved (Outbox - Menu 2-3)

You can view the messages that you have saved in *Write messages* (Menu 2-1). Pressing (**Options**) allows access to the same functions as in *Inbox* (Menu 2-2), except for *Reply*, *Chat*, and *Details*.

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■ Picture messages (Menu 2-4)

The phone allows you to receive and send text messages which contain pictures. These messages are called picture messages. There are several preset picture messages available in the phone.

Note: This 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.

Each picture message is made up of several text messages. Therefore, sending one picture message may cost more than one text message.

Since picture messages are saved in the phone, you cannot view them if you use the SIM card with another phone.

When you receive a picture message

- To view the message immediately, press (**View**). You can save the message by pressing (**Save**) or delete it by pressing twice.
- To view the message later in this menu: Press and then (**OK**) to save the message.

When you view the message in this menu

Pressing (**Options**) allows access to the same functions as in *Inbox* (Menu 2-2), except for *Reply* and *Chat*.

The *Edit text* function allows you to modify the text part of the message and send it further; see Writing and sending a text message (Menu 2-1) on page 58.

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Sending a picture message

1. In the *Picture messages* menu, scroll to a picture message and press (**View**).
2. If the displayed picture is the one you want, press (**Options**), scroll to *Edit text*. and press (**Select**).

   If the displayed picture is not the one you want, press C and repeat step 1.
3. Write the message.

   To view the whole message before sending it, press (**Options**) and select *Preview*.
4. Press (**Options**), scroll to *Send* and press (**OK**).

■ Templates (Menu 2-5)

Your phone offers some preset messages ('templates') that you can use when writing a message. Within this menu you can view, edit, and erase the templates.

Scroll to the desired template and press (**Read**).

When the template is displayed, press (**Options**) and then select whether you want to edit or erase the template.

While editing a template, pressing (**Options**) allows access to a further set of functions, including *Send* and *Save template*.

You can create a template from scratch by selecting one of the empty templates at the end of the template list.

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■ Smileys (Menu 2-6)

This function allows you to edit the smiley characters such as ":-)" that you can use when writing or replying to a message.

Scroll to the desired smiley and press (**Read**). Press (**Options**) and select *Edit*. The smiley can be any sequence of characters. For editing, see Writing and sending a text message (Menu 2-1) on page 58.

■ Message settings (Menu 2-7)

The phone offers two kinds of message settings: settings specific to each settings group or 'set', and settings common to all text messages.

Set 1 (Menu 2-7-1) [1]

A set is a collection of settings needed for sending text and picture messages.

You can, for example, send a text message as a fax, if supported by your service provider, by simply selecting the set in which you have earlier defined the proper settings for fax transmissions.

Each set has its own submenu where you can change the settings described below.

Message centre number

Stores the phone number of the message centre used for sending text and picture messages. You obtain this number from your service provider.

1. The total number of sets depends on how many sets your SIM card offers.

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Key in the phone number or recall it from the Phone book, or edit the existing number, and press (**OK**).

Messages sent as

You can request the network to convert your *Text* messages into *E-mail*, *Fax* or *Paging* format (network service).

In order to receive a converted message, the recipient must have the appropriate equipment, e.g. a fax machine.

Message validity

You can set the length of time that your text messages are stored at the message centre (network service).

Common (Menu 2-7-2) [1]

The settings in this submenu apply to all text messages that you send, irrespective of the chosen set.

Delivery reports

You can request the network to send delivery reports on your text messages (network service).

Reply via same centre

When this function is on, the recipient of your text message can send you a reply via the same message centre as your original message (network service).

1. The shortcut number of this menu depends on the number of sets available. Here it is assumed that only one set is available.

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Character support [1]

If you select the *Full* option, the phone sends all the Unicode characters, such as 'á', included in a text message as such to a compatible phone, if supported by your network.

If you select the *Reduced* option, the phone tries to convert the Unicode characters into the corresponding non-Unicode characters, for example 'á' to 'a', and converts the lower case Greek characters into upper case. If no such non-Unicode counterpart exists, the characters are sent as Unicode characters.

See also Writing and sending a text message (Menu 2-1) on page 58.

■ Info service (Menu 2-8)

This network service allows you to receive messages on various topics (such as weather or traffic conditions) from your service provider.

For available topics and related topic numbers, contact your service provider.

If you select *On* you will receive messages on the active topics. *Topic index* sets the phone to receive a list of available topics from the network.

If you select *Topics*, you can mark the topics as active or inactive, add a new topic to the topic list, or edit or erase the existing topics on the list.

If you select *Language*, you can select the language for the messages. Only messages in the selected language will be shown.

1. Availability of this menu may vary according to your service provider.

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■ Voice mailbox number (Menu 2-9)

In a voice mailbox, callers can leave messages that you can listen to later (network service).

Within this menu you can store the phone number of your voice mailbox. Key in the number (obtained from the service provider) and press (OK).

Note that this menu may not be shown if the voice mailbox number has been stored on the SIM card by your network operator or service provider.

Each phone line may have its own voice mailbox number (see Phone line in use on page 81).

For listening to voice messages, see page 35.

For diverting incoming calls to your voice mailbox, see page 88.

■ Service command editor (Menu 2-10)

You can send service requests to your service provider. Key in the desired characters. Press and hold # to switch between letters and numbers. Press (Send) to send the request.

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7. Chat (Menu 3)

The *Chat* function allows you to have a conversation with other people using text messages.

■ Starting a chat

You can start a chat either within this menu or selecting the *Chat* option that you can access by pressing (**Options**) while reading a received message.

1. If you start a chat within this menu, key in the other party's phone number or recall it from the Phone book, and press (**OK**).
2. Key in a nickname (see Writing text on page 38) with which you want to identify yourself in the chat and press (**OK**).
3. Write your chat message as you would a normal text message, press (**Options**) and select *Send* to send the message.

   Pressing (**Options**) allows access to the same functions as when writing a text message except for *Save* and *Send to many*. In addition, *Chat history* shows the previously received message during the current chat and *Chat name* allows you to edit your nickname.
4. When you receive a reply from the other party, the reply message (indicated by ">" and the sender's nickname) is shown above your original message (indicated by "<" and your nickname). Press (**OK**) to clear the display,

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write your reply and send it by pressing (**Options**) and selecting *Send*. Repeat this for each chat message.

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8. Call register (Menu 4)

Within the *Call register* menu you can access the phone numbers registered automatically by the phone.

You can also view the approximate duration and cost of your calls, and manage the credit units on your prepaid SIM card.

To access this menu: In standby mode, press (**Menu**), scroll to *Call register*, and press (**Select**).

Options within Menus 4-1 to 4-3

The options that you can access by pressing (**Options**) allow you to:

- edit, view or call a registered phone number
- view the time of the call
- save the number in the Phone book
- erase the number from the call list (not from the Phone book)
- send a text message to the caller (*Send SMS*)

About missed and received calls

The phone registers missed and received calls if:

- the network allows showing the caller's phone number to the call recipient
- the phone is switched on and within the network's service area

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■ Missed calls (Menu 4–1)

This function shows you the last 10 phone numbers from which somebody has tried to call you with no success (network service).

Tip: You can also view these phone numbers by pressing (**List**) when a note about missed calls is displayed. The previously registered phone numbers are also shown.

■ Received calls (Menu 4–2)

This function shows the last 10 phone numbers from which you have accepted a call (network service).

■ Dialled numbers (Menu 4–3)

This function shows the last 20 phone numbers that you have called or attempted to call.

■ Erase recent call lists (Menu 4–4)

This function allows you to delete the phone numbers and names from Menus 4–1 to 4–3.

These phone numbers are also erased in the following cases:

- When you switch on the phone with a SIM card which is not one of the five cards used most recently with the phone.
- When you change the *Phone security* setting (see page 86).

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■ Show call duration (Menu 4-5)

This function allows you to view the approximate duration of your outgoing and incoming calls.

You can reset these so-called call timers using the *Clear timers* function (Menu 4-5-5). For this you need the security code (see Access codes on page 107). Changing the SIM card does not clear the call timers.

Note: The actual time invoiced for calls by your service provider may vary, depending upon network features, rounding-off for billing, and so forth.

■ Show call costs (Menu 4-6)

This network service allows you to view the approximate cost of your last call or all calls.

The costs are shown in terms of units specified within the *Show costs in* function (Menu 4-7-2).

Call costs are shown separately for each SIM card.

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.

■ Call cost settings (Menu 4-7)

Call cost limit

You can limit the costs of calls to a certain amount of charging units or units of currency (network service).

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You can make and receive charged calls as long as the specified cost limit is not exceeded. The number of remaining units is shown in standby mode.

To set the limit you may need the PIN2 code (see Access codes on page 107).

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 or other official emergency number).

Show costs in

The phone can show the remaining talk-time in terms of charging units or the desired currency. Contact your service provider for charging unit prices.

To enter this function you may need the PIN2 code (see Access codes on page 107).

If you selected *Currency*, key in the charging unit price, press (**OK**), key in the currency name, and press (**OK**).

■ Prepaid credit (Menu 4-8)

Within this menu you can view and change settings related to prepaid SIM cards (network service). When using a prepaid SIM card, you can make calls only when there are enough credit units on the SIM card.

The *Credit info display* function allows you to set the phone to show the amount of remaining credit units when the phone is in standby mode.

Credit available shows the amount of remaining credit units.

Last event costs shows information about previous calls.

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Recharge status shows information about the credit units as well as the time and date when credit units were last recharged. Pressing (More) shows the expiry date of credit units.

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9. Tones (Menu 5)

Within the *Tones* menu you can adjust the settings of the selected profile. You can also create ringing tones of your own using the *Composer* function.

See also Profiles (Menu 12) on page 101 and Adjusting all the phone tones by a single setting on page 37.

To access this menu: In standby mode, press (**Menu**), scroll to *Tones*, and press (**Select**).

■ Ringing tone (Menu 5-1)

Sets the ringing tone for voice calls. Scroll to the desired tone and press (**OK**). The tones that you have received from somebody or that you have composed yourself can be found at the end of the tone list.

■ Ringing volume (Menu 5-2)

Sets the volume level for the ringing and message alert tones. Scroll to the desired level and press (**OK**).

■ Incoming call alert (Menu 5-3)

Defines how the phone notifies you of incoming voice calls. The options are: *Ringing*, *Ascending*, *Ring once*, *Beep Once*, and *Off*.

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When *Off* is selected, all phone tones are mute and is displayed.

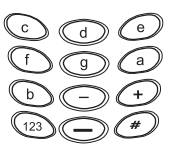
■ Composer (Menu 5-4)

You can compose a ringing tone of your own. The composed tones are shown last in the tone list.

Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

Creating a new ringing tone

1. Scroll to the tone that you want to edit and press (Select).
2. Enter the desired notes. For example, press 4 ghi for note **f** (shown as *f*). The phone plays each note after it is entered (unless the phone tones are off).



3. To adjust the characteristics of the note:
   - **Note duration:** 8 tuv shortens (-) and 9 wxyz lengthens (+) the duration of the note or rest. The default duration is 1/4. The duration is shown in front of the note, e.g. *16d* denotes a note **d** with duration 1/16.

     Pressing and holding a note key lengthens the note by half, indicated by a dot after the duration, e.g. *8.a*.

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- **Rest:** 0 inserts a rest (i.e. pause) of the same duration as the previous note. The default duration of a rest is one quarter note (1/4). The rest is indicated by the - character.
- **Octave:** * sets the octave for new notes. The octave is shown as a number after the note (e.g. *e1*).
- **Pitch:** # makes the note sharp (indicated by *#* in front of the note), e.g. *#f*. The pitch selection is not available for notes **e** and **b**.

4. To edit the notes:
   - 6 and 4 move the cursor right or left, respectively.
   - C deletes a note or a rest to the left.
5. After you have completed the tone, press (**Options**), scroll to one of the functions below, and press (**OK**).

   Play: Plays back the notes.

   Save: Allows you to name the tone and add it to the end of ringing tone list.

   Tempo: Allows you to select the desired tempo for the tone (in beats per minute).

   Clear screen: Deletes all the notes from the display.

   Exit: Allows you to exit the Composer menu.

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Example: Here is an example of a ringing tone. Enter the notes and play them as described above. Change the different aspects of the tone (notes, octave, duration, etc.) and consider how these changes affect the tone.

16.a2 16d2 16#f2 16a1 16d2 16#f2 8a2 1- 8-

16.b2 16d2 16#f2 16a1 16d2 16#f2 8a2 1- 8-

16.a2 16e2 16g2 16a1 16e2 16g2 8a2 1- 8-

16.e3 16#f2 16a2 16d2 16#f2 16a2 8d3 1- 8-

Receiving a ringing tone

When somebody sends you a ringing tone, you hear a message tone and the related text is displayed.

To play, save, or erase the tone, press (**Options**), scroll to the desired function, and press (**OK**).

■ Message alert tone (Menu 5-5)

Sets the call alert for text messages. Scroll to the desired level and press (**OK**).

■ Keypad tones (Menu 5-6)

Sets the volume level for keypad tones. Scroll to the desired level and press (**OK**).

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■ Warning tones (Menu 5-7)

Sets the phone to sound a warning tone, for example when the battery is running out of power. This setting has no effect on the tones which are related to network services.

■ Vibrating alert (Menu 5-8)

Sets the phone to vibrate when you receive a voice call or a text message.

The vibrating alert is disabled when the phone is connected to a charger or a desktop stand.

■ Screen saver (Menu 5-9)

Sets the picture that is displayed in standby mode after a selected period of time (called 'timeout'). You can select from the same pictures as in the *Picture messages* menu.

Select *Off*, *On* (previously selected screen saver is shown), *Timeout*, or *Screen saver*, and press (**OK**).

If you selected *Screen saver*, the currently selected screen saver picture is shown. To change it, scroll to the desired picture and press (**Use**). If you selected *Timeout*, scroll to the desired time and press (**OK**).

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10. Settings (Menu 6)

Within the *Settings* menu you can adjust

- call settings (Menu 6-1)
- general phone settings (Menu 6-2)
- security settings (Menu 6-3)

You can reset the menu settings to their original values using the *Restore factory settings* function (Menu 6-4).

To access this menu: In standby mode, press (**Menu**), scroll to *Settings*, and press (**Select**).

■ Call settings (Menu 6-1)

Automatic redial

When this function is on, your phone will make up to ten attempts to connect the call after an unsuccessful call attempt.

Speed dialling

When this function is on, you can dial the names and phone numbers assigned to the speed dial keys 2 abc to 9 wxyz by pressing and holding the corresponding key.

Pressing and holding 1 oo dials your voice mailbox number.

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Call waiting options

When this network service is activated, the network notifies you of a new incoming call while you have a call in progress. See Answering a new call during a call on page 35.

Own number sending

This network service allows you to set your phone number to be displayed (*On*) or hidden (*Off*) from the person you are calling. When you select *Set by network*, the setting agreed with your service provider is used.

Phone line in use

The phone may be used with a SIM card which supports two subscriber numbers, i.e. phone lines. This is a network service.

Within this menu you can select the desired phone line (1 or 2) for making calls or prevent line selection. Calls on both lines can be answered irrespective of the selected line.

You will not be able to make calls if you select line 2 and you have not subscribed to this network service. When line 2 is selected, **2** is shown on the top left of the display in standby mode.

To allow or prevent the line selection you need the PIN2 code.

Tip: In standby mode, you can switch between the lines by pressing and holding #.

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Automatic answer

You can set the phone to answer an incoming call after one ring.

This function can be used when the phone is connected to the PPH-1 handsfree car kit or the HDC-5 headset. When using the car kit, note that some cigarette charger plugs do not provide power when the ignition is off.

This function does not work when the phone tones are set to *Off*.

■ Phone settings (Menu 6-2)

Language

You can select in which language the display texts are shown.

When *Automatic* is selected, the phone selects the language according to the information on the SIM card.

This setting also determines which characters are available when you write text, for example a name or text message.

Cell info display

This network service allows you to set the phone to indicate when it is used in a cellular network based on Micro Cellular Network (MCN) technology. In such a network, local calls may cost less than otherwise.

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Welcome note

You can write a message which is shown briefly when the phone is switched on.

Network selection

You can set the phone to automatically select one of the cellular networks available in your area (default setting), or you may select the desired network manually from a list of networks.

When selecting a network manually, the selected network must have a roaming agreement with your home network (i.e. the operator whose SIM card is in your phone). Otherwise the text *No access* is shown.

The phone will stay in manual mode until you select automatic mode or insert another SIM card in the phone.

Lights

You can set the display and keypad lights to be on or off. This setting is available when the phone is connected to the PPH-1 handsfree car kit.

Confirm SIM service actions

You can set the phone to show (*Asked*) or hide (*Not asked*) confirmation messages when you are using the SIM card services. See also SIM services (Menu 13) on page 105.

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■ Security settings (Menu 6-3)

Your phone is equipped with a versatile security system to prevent unauthorised use of the phone and the SIM card.

PIN code request

You can set the phone to request the PIN code of your SIM card every time the phone is switched on. To enter this function you need the PIN code. See also Access codes on page 107.

Some SIM cards don't allow turning off the PIN code request.

Call barring service

This network service allows you to restrict the making and receiving of calls with your phone. For this function you need the barring password that you obtain from your service provider.

1. Select one of the following call restrictions:

   Outgoing calls: Calls cannot be made.

   International calls: Calls cannot be made to foreign countries when in the home country.

   International except to home country: When abroad, international calls cannot be made except for calls to the home country.

   Incoming calls: Calls cannot be received.

   Incoming calls when abroad: Calls cannot be received when abroad.

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Cancel all barrings: Calls can be made and received with no restrictions. If you select this option, the following step will not be available.

2. Set the call restriction on (*Activate*) or off (*Cancel*), or check which types of calls are barred (*Status*).

Note: When calls are barred, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

Fixed dialling

You can restrict your outgoing calls to selected phone numbers, if allowed by your SIM card. You need the PIN2 code for this function.

When this function is on, you can only call phone numbers which are included in the fixed dialling list or which begin with the same digit(s) as a phone number on the list.

Within the *Numbers* function you can check the phone numbers (*Search*) and add new numbers to the list (*Add name*) as well as clear the list (*Erase all*).

Within the *Search* function you can edit, erase, or call the displayed phone number by first pressing (**Options**) and then selecting the desired option.

Note: When Fixed Dialling is set on, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

Closed user group

This network service allows you to specify a group of people whom you can call and who can call you.

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Default resets the phone to use the group that the SIM card owner has agreed upon with the service provider.

To set this function on, you need to know the index number of the desired group. Contact your service provider.

When you have selected a closed user group, the indicator and the index number of the given group are shown in standby mode.

Note: When calls are limited to Closed User Groups, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

Phone security

You can set the phone to ask for the security code when a new SIM card is inserted in the phone (option *On*).

("A new SIM card" means here a card that is not one of the five cards used most recently with the phone.)

To enter this function you need the security code.

Note that when you change this setting, all the recent calls lists in Menus 4-1 to 4-3 are cleared.

See also Security code on page 17, Switching the phone on or off on page 28 and Access codes on page 107.

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Change access codes

You can change the following access codes: security code, PIN code, PIN2 code, barring password. These codes can include the numbers 0 to 9 only.

The phone asks first for the current code and then for the new code twice.

Avoid using access codes similar to the emergency numbers, such as 112, to prevent accidental dialling of the emergency number.

■ Restore factory settings (Menu 6-5)

You can reset the menu settings to their original values. For this you need the security code.

This function has no effect e.g. on the following functions:

- the names and phone numbers stored in the Phone book
- text and picture messages
- phone numbers listed in the *Call register* menu
- call divert

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11. Call divert (Menu 7)

Within the *Call divert* menu you can direct your incoming calls to your voice mailbox or some other phone number (network service).

To access this menu: In standby mode, press (**Menu**), scroll to *Call divert*, and press (**Select**).

■ Selecting a divert mode

1. Select one of the following divert options:[1]

   Divert all voice calls without ringing

   Divert when busy: The call is diverted when you have a call in progress or when you reject the call.

   Divert if not answered: The call is diverted when you don't answer it.

   Divert when phone off or no coverage: The call is diverted when your phone is switched off or outside of the network service area.

   Divert when off, no answer, or no coverage: The call is diverted when you don't answer it, or your phone is busy, switched off, or outside of the network service area.

1. The divert options that are not supported by your network operator may not be shown.

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Cancel all diverts: Sets all divert options off. If you select this option, the steps below will not be available.

2. Set the selected option on (*Activate*) or off (*Cancel*), check whether the divert option is activated (*Status*), or specify a delay for it (not available for all divert options).
3. If you selected *Activate*, choose where the incoming calls are to be diverted (voice mailbox or another phone number).

   If you selected *Status*, pressing (**Number**) shows the phone number to which the calls are diverted.

   Pressing (**Details**), if available, and then selecting *Delay* shows the time after which calls are diverted.

Several divert options may be active at the same time.

When all calls are diverted, is shown in standby mode.

Each phone line may have its own divert settings. See also Phone line in use on page 81.

Tip: When you receive a call, pressing diverts the call if *Divert when busy* is activated.

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12. Games (Menu 8)

The phone offers you the following games to play: *Snake II*, *Space impact*, *Bantumi*, *Pairs II*.

To access this menu: In standby mode, press (**Menu**), scroll to *Games*, and press (**Select**).

Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

■ Using the game options

Select the desired game and then one of the following options:

- *New game*: Starts a new game session.
- *Top score*: Shows the highest score so far.
- *Instructions*: Shows a help text on how to play the game. You can scroll through the text with or .
- *Level*: Allows you to set the difficulty level for the selected game.
- *Continue*: Resumes a game after it was paused by pressing or . Start the game by pressing any key except for , , or .
- *Settings* allow you to set the sounds, lights, and vibrator (*Shakes*) and store the Club Nokia membership number. For more information on using this code, visit the Nokia Web site at www.club.nokia.com.

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Note that when the *Vibrating alert* function is off, the phone does not vibrate even if the *Shakes* function is on.

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13. Calculator (Menu 9)

The phone is provided with a basic four function calculator which can also be used for rough currency conversions.

To access this menu: In standby mode, press (**Menu**), scroll to *Calculator*, and press (**Select**).

Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

This calculator has a limited accuracy and rounding errors may occur, especially in long divisions.

■ Making a calculation

You can use the following keys for keying in a calculation:

- 0 – 9: Inserts a digit.
- #: Inserts a decimal point.
- C: Deletes the digit to the left.
- *: Press once (for +) to add, twice (for -) to subtract, three times (for *) to multiply and four times (for /) to divide. Alternatively, you can press (**Options**) and select the desired function.
- For a total, press (**Options**) and select *Equals*. Press and hold C to clear the display for a new calculation.

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■ Making a currency conversion

1. To set the exchange rate:
   - Press (**Options**) and select *Exchange rate*.
   - Select either of the displayed exchange options and press (**OK**).

     For example, if you live in the UK and want to convert pounds sterling to French francs, select *Domestic unit expressed in foreign units*.
   - Key in the exchange rate and press (**OK**). # inserts a decimal point.
2. To make the conversion:
   - Key in the currency amount to be converted.
   - Press (**Options**).
   - Scroll to *In domestic* or *In foreign* and press (**OK**). In the example above, you would select *In foreign* since you want to convert your domestic currency (pounds sterling) to a foreign currency (francs).

■ Currency conversion in standby mode

You can make currency conversions in standby mode. To use this function you need to first set the exchange rate in the Calculator menu.

1. Key in the amount that you want to convert to the domestic or foreign currency. Press * for a decimal point (an asterisk appears).
2. Press or twice. The text above changes from **Call** to **Convert** and the asterisk changes to a decimal point.

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3. Press (**Convert**).

You can return to standby mode by pressing (**OK**).

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14. Reminders (Menu 10)

This memory aid allows you to save short text notes with an alarm. The phone starts alarming when the set date and time is reached.

To access this menu: In standby mode, press (**Menu**), scroll to *Reminders*, and press (**Select**).

Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

■ Adding a reminder

1. Scroll to *Add new* and press (**Select**).
2. Write a note (see Writing text on page 38).
3. When the note is ready, press (**OK**) for the options below. Scroll to the desired option and press (**OK**).
   - *Alarm on*: Sets an alarm for the note. Key in the date and press (**OK**), and then key in the time and press (**OK**).
   - *Alarm off*: No alarm is set for the note.

■ Viewing the reminders

1. Scroll to *View all* and press (**Select**).

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2. Scroll to the desired note. You can press (**Options**) for the following:
   - *Erase*: Removes the note.
   - *Edit*: Allows you to modify the note and the alarm date and time.
   - *Send*: Allows you to send the note as a text message (SMS).

Erasing a reminder

1. Scroll to *Erase* and press (**Select**).
2. Scroll to one of the following options and press (**OK**):
   - *One by one*: Removes the reminders one at a time. Select the reminder that you want to delete and press (**Erase**).
   - *All at once*: Removes all the reminders. Press (**Yes**) to confirm the removal.

When the reminder time is reached

If the phone is switched on, it sounds an alarm and flashes its lights and the reminder text. You can stop the alarm by pressing C. If you press (**Snooze**), the alarm stops for a few minutes.

If the phone is switched off, the reminder is displayed when you switch on the phone again.

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15. Clock (Menu 11)

The phone is provided with a clock which can also be used as an alarm clock.

This menu also contains time settings, a stopwatch and a countdown timer.

To access this menu: In standby mode, press (**Menu**), scroll to *Clock*, and press (**Select**).

■ Alarm clock (Menu 11-1)

The phone can be set to alarm at the desired time.

If the alarm was off when you entered this function, key in the desired alarm time in hours and minutes, and press (**OK**).

If the alarm was on when you entered this function, select *On* to change the alarm time or *Off* to turn off the alarm.

When the alarm time is reached

The phone sounds an alert tone at the volume selected within the *Ringing volume* function (see page 75), and flashes its lights and the text *Alarm!*. You can stop the alarm by pressing any key.

If you let the phone alarm for one minute or press (**Snooze**), the alarm stops for a few minutes and then resumes.

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If the alarm time is reached while the phone is switched off, the phone starts alarming. If you press any other key but (Snooze), the phone asks whether you want to activate the phone for calls. Press (Yes) to switch on the phone or to keep the phone switched off.

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

■ Clock settings (Menu 11-2)

You can set the time display on or off, set the correct time, or select the 12-hour or 24-hour time format. When the time display is on, the time is shown in standby mode.

If the battery is removed from the phone, you may need to reset the time.

■ Date setting (Menu 11-3)

You can set the correct date for the built-in clock.

■ Stopwatch (Menu 11-4)

The stopwatch can be used for time measurement for example in different sports.

The precision of the stopwatch is one hundredth of a second. The total measurement time is 10 hours at maximum.

Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

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1. In this menu, press (Start) to start timing.
2. To take the time, press (Stop). When the timing is stopped, you can press (Options) for the following functions. Scroll to the desired function and press (OK).

   Start: Restarts the timing from the previous stop time.

   Reset: Stops the current timing and sets the time to zero.

   Exit: Exits to the menu title screen. To continue the timing, enter this menu.

To set the timing to continue in the background, press and hold C twice. While the time is running, flashes in standby mode.

Note: Using the stopwatch consumes the battery and the phone's operating time will be reduced. Be careful not to let it run in the background when performing other operations with your phone.

■ Countdown timer (Menu 11-5)

The countdown timer allows you to set the phone to alarm after a certain time.

Note: Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

To set the alarm time, key in the time in hours and minutes. Press (Start) to start the timer.

To stop the timer or edit the time, enter this menu, select the desired function, and press (OK).

When the timer is running, is shown in standby mode.

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If the alarm time is reached when the phone is in standby mode, the phone sounds a tone and flashes the related text. You can stop the alarm by pressing any key. If no key is pressed in 30 seconds, the alarm stops automatically.

■ Auto update of date and time (Menu 11-6)

This network service updates the clock in your phone in accordance with the current time zone.

If you select *On*, the time and date are updated automatically.

If you select *Confirm first*, the phone asks for a confirmation before the update.

If you select *Off*, the time and date are not updated.

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16. Profiles (Menu 12)

You can set the phone tones and screen saver to function in the desired manner by selecting the desired setting group or 'profile'.

This makes it easy to adjust the phone for different events and environments.

To access this menu: In standby mode, press (**Menu**), scroll to *Profiles*, and press (**Select**).

Note that you can easily adjust the settings of the selected profile in the Tones menu (see page 75).

■ Selecting a profile

To change the profile that your phone is using, do either of the following:

- In standby mode or during a call: Press the key quickly. Scroll to the desired profile and press (**OK**).
- In the *Profiles* menu, scroll to the desired profile, press (**Select**), scroll to *Activate*, and press (**OK**).

Tip: To activate a profile quickly in standby mode, press and the number key corresponding to the desired profile. For example, to activate the *Silent* profile, press and . To change back to the *General* profile, press and .

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■ Editing the settings contained in a profile

1. In the *Profiles* menu, scroll to the profile whose settings you want to edit and press (**Select**). You can select from the following profiles:
   - *General*: This is the default setting.
   - *Silent*: Mutes all the phone tones. When the tones are off, is shown in standby mode.
   - *Discreet*: Sets the phone tones to be quiet.
   - *Loud*: Sets the phone tones to be loud.
   - *(empty)*: You can replace this profile with a profile that you have received e.g. from your service provider. For availability and other information, contact your service provider or other profile provider.
2. Scroll to *Personalise* and press (**OK**).
3. Scroll to the desired setting (see below) and press (**Select**).
4. Scroll to the setting option and press (**OK**).

■ Settings available in a profile

Ringing tone

Sets the ringing tone for voice calls. Scroll to the desired tone and press (**OK**). The tones that you have received from somebody or that you have composed yourself can be found at the end of the tone list.

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Ringing volume

Sets the volume level for the ringing and message alert tones. Scroll to the desired level and press (**OK**).

Incoming call alert

Defines how the phone notifies you of incoming voice calls. The options are: *Ringing*, *Ascending*, *Ring once*, *Beep Once*, and *Off*.

When *Off* is selected, all phone tones are mute and is displayed.

Message alert tone

Sets the call alert for text messages. Scroll to the desired level and press (**OK**).

Keypad tones

Sets the volume level for keypad tones. Scroll to the desired level and press (**OK**).

Warning tones

Sets the phone to sound a warning tone, for example when the battery is running out of power. This setting has no effect on the tones which are related to network services.

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Vibrating alert

Sets the phone to vibrate when you receive a voice call or a text message.

The vibrating alert is disabled when the phone is connected to a charger or a desktop stand.

Screen saver

Sets the picture that is displayed in standby mode after a selected period of time (called 'timeout'). You can select from the same pictures as in the *Picture messages* menu.

Select *Off*, *On* (previously selected screen saver is shown), *Timeout*, or *Screen saver*, and press (**OK**).

If you selected *Screen saver*, the currently selected screen saver picture is shown. To change it, scroll to the desired picture, and press (**Use**). If you selected *Timeout*, scroll to the desired time and press (**OK**).

Rename

Allows you to change the name of the profile. This function is not available for the *General* profile.

Key in the new name (see Writing text on page 38) and press (**OK**).

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17. SIM services (Menu 13)

This menu is shown only if your SIM card provides additional services. The name and contents of this menu depend on the services available.

To access this menu: In standby mode, press (**Menu**), scroll to Menu 13, and press (**Select**).

You can set the phone to display confirmation messages when you are using the SIM card services. See Confirm SIM service actions on page 83.

Note that using SIM services may involve sending a text message (SMS) or making a phone call for which you may be charged.

Note: For availability, rates and information on using SIM services, contact your SIM card vendor, e.g. network operator, service provider or other vendor.

Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

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18. Reference information

■ Sending DTMF tones

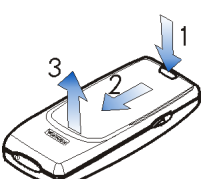
The phone can send DTMF tones to communicate with answering machines, computerised telephony services etc.

Make a call in the normal way. Press C and (**Options**), and select *Send DTMF*. Key in the DTMF string or recall it from the Phone book, and press (**OK**).

■ Changing the Nokia Xpress-on™ covers

- Before changing the cover, always switch off the phone and disconnect the phone from the charger or any other device.
- Always store and use the phone with the covers attached.

1. **Remove the back cover:** Press the locking catch (1), slide the cover (2), and lift it off the phone (3).



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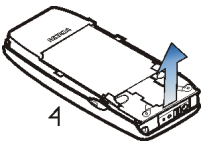
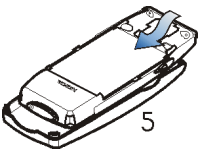
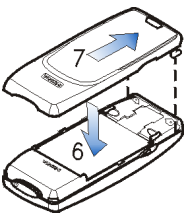
2. **Remove the front cover:** Gently pull the cover off the phone starting from the bottom of the phone (4).



3. **Replace the front cover:** Align the top of the phone with the top of the front cover and push the phone towards the cover until it locks into place (5).



4. **Replace the back cover:** Insert the two catches of the back cover in the corresponding slots in the phone (6) and slide the cover until it locks into place (7).



■ Access codes

You can use the access codes described in this section to avoid unauthorised use of your phone and SIM card.

The access codes (except the PUK and PUK2 code) can be changed within the Change access codes function (see page 62).

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Security code

The security code can be used to avoid unauthorised use of your phone (see Phone security on page 86).

The default setting for this code is 12345. Change the code (see Change access codes on page 87) and set the phone to request it (see Phone security on page 86).

Keep the code secret and in a safe place, separate from the phone.

PIN code

The PIN (Personal Identification Number) code protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card.

When the PIN code request is enabled, the code is requested each time the phone is switched on (see PIN code request on page 84).

If you enter an incorrect PIN code three times in succession, the SIM card is blocked. Key in the PUK code and press (OK). Key in a new PIN code and press (OK). Key in the new code again and press (OK).

PIN2 code

The PIN2 code, supplied with some SIM cards, is required to access some functions, such as charging unit counters. These functions are only available if supported by your SIM card.

If you enter an incorrect PIN2 code three times in succession, follow the same instructions as for the PIN code but use the PUK2 code instead.

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PUK code

The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK code may be supplied with the SIM card. If not, contact your local service provider for the code. If you lose the code, contact your service provider.

PUK2 code

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code. If you lose the code, contact your service provider.

Barring password

The barring password is needed when using the *Call barring service* function (see page 84). You obtain this password from your service provider.

■ Battery information

Charging and discharging

Your phone is powered by a rechargeable battery.

Note that a new battery's full performance is achieved only after two or three complete charge and discharge cycles!

The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

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Use only batteries approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer. Unplug the charger when not in use. Do not leave the battery connected to a charger for longer than a week, since overcharging may shorten its lifetime. If left unused a fully charged battery will discharge itself over time.

Temperature extremes can affect the ability of your battery to charge.

For good operation times with NiMh batteries, discharge the battery from time to time by leaving your phone switched on until it turns itself off. Do not attempt to discharge the battery by any other means.

Use the battery only for its intended purpose.

Never use any charger or battery which is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes direct connection of the + and - terminals of the battery (metal strips on the battery) for example when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Batteries' performance is particularly limited in temperatures well below freezing.

Do not dispose of batteries in a fire !

Dispose of batteries according to local regulations (e.g. recycling). Do not dispose as household waste.

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Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfil any warranty obligations and to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits.
- Do not use or store the phone in dusty, dirty areas. Its moving parts can be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When it warms up (to its normal temperature), moisture can form inside, which may damage electronic circuit boards.
- Do not attempt to open the phone. Non-expert handling may damage it.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.
- Do not paint the phone. 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 phone and may violate regulations governing radio devices.

All of the above suggestions apply equally to your phone, battery, charger or any accessory. If any of them is not working properly, take it to your nearest qualified service facility. The personnel there will assist you and, if necessary, arrange for service.

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Important safety information

■ Traffic safety

Do not use a hand-held telephone while driving a vehicle. Always secure the phone in its holder; do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop.

Remember road safety always comes first!

■ Operating environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

Use the phone only in its normal operating positions.

Parts of the phone are magnetic. Metallic materials may be attracted to the phone, and persons with a hearing aid should not hold the phone to the ear with the hearing aid. Always secure the phone in its holder, because metallic materials may be attracted by the earpiece. Do not place credit cards or other magnetic storage media near the phone, because information stored on them may be erased.

■ Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

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Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 20 cm (6 inches) be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should always keep the phone more than 20 cm (6 inches) from their pacemaker when the phone is switched on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimise the potential for interference.
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

Other medical devices

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

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Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (e.g. electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, air bag systems). Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch your phone off in any facility where posted notices so require.

■ Potentially explosive atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone when at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats; chemical transfer or storage facilities; vehicles using liquified petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

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■ Vehicles

Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit.

Check regularly that all wireless phone 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 phone, its parts or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Using your phone while in the air is prohibited. Switch off your phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

FCC regulations prohibit using your phone while in the air. Switch off your phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

Failure to observe these instructions may lead to suspension or denial of telephone services to the offender, or legal action or both.

■ Emergency calls

Important! This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions. Because of this, connections in all conditions can not be guaranteed. Therefore you should

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never rely solely upon any wireless phone for essential communications (e.g. medical emergencies).

Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on. Check for adequate signal strength.

   Some networks may require that a valid SIM card is properly inserted in the phone.
2. Press and hold the C key as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display and ready the phone for calls.
3. Key in the emergency number for your present location (e.g. 112 or other official emergency number). Emergency numbers vary by location.
4. Press the (Call) key.

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

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your wireless phone may be the only means of communication at the scene of an accident - do not cut off the call until given permission to do so.

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This limited warranty shall apply in part of Nokia Mobile Phones' Europe & Africa Region unless a local warranty exists. Nokia Corporation, Nokia Mobile Phones ("Nokia") warrants that this NOKIA product ("Product") is at the time of its original purchase free of defects in materials, design and workmanship subject to the following terms and conditions:

1. This limited warranty is given to the end-purchaser of the Product ("Customer"). It shall neither exclude nor limit i) any mandatory statutory rights of the Customer or ii) any of the Customer's rights against the seller/dealer of the Product.

2. The warranty period is twelve (12) months from the date on which the first Customer purchased the Product. In case of a subsequent purchase or other change of owner/user, such warranty period shall continue for the remaining part of the twelve (12) month period and otherwise remain unaffected. This limited warranty is only valid and enforceable in the following countries: Bosnia, Bulgaria, Croatia, Cyprus, the Czech Republic, Estonia, any member state of the European Union, Hungary, Iceland, Israel, Latvia, Lithuania, Macedonia, Malta, Norway, Poland, Romania, the Slovak Republic, Slovenia and Switzerland.

3. During the warranty period Nokia or its authorized service company will repair or replace, at Nokia's sole discretion, a defective Product. Nokia will return the repaired Product or another Product to the Customer in good working condition. All parts or other equipment for which replacements have been provided shall become the property of Nokia.

4. A repaired or replaced Product will not be given a prolonged or renewed warranty period.

5. This limited warranty will not cover painted covers or other similar personalized parts. In all cases that require unlocking or locking of an operator SIM-lock, Nokia will first direct the Customer to such operator for unlocking or locking of the operator SIM-lock before repairing or replacing the Product.

6. This limited warranty shall not apply to deterioration due to normal wear and tear. This limited warranty shall further not apply if:

(i) the defect was caused by the fact that the Product has been subjected to: use in contradiction with the owner's/user manual, rough handling, exposure to moisture, dampness or extreme thermal or environmental conditions or rapid changes in such conditions, corrosion, oxidation, unauthorized modifications or connections, unauthorized opening or repair, repair by use of unauthorized spare parts, misuse, improper installation, accident, forces of nature, spillage of food or liquid, influence from chemical products or other acts beyond the reasonable control of Nokia (including but not limited to deficiencies in consumable parts, such as batteries which all by their nature have a limited lifetime, and breakage or damage to antennas) unless the defect was caused directly by defects in materials, design or workmanship;

(ii) Nokia or its authorized service company was not notified by the Customer of the defect within thirty (30) days after the appearance of the defect within the warranty period;

(iii) the Product was not returned to Nokia or its authorized service company within thirty (30) days after the appearance of the defect within the warranty period;

(iv) the Product serial number, the accessory date code or the IMEI number has been removed, erased, defaced, altered or is illegible;

(v) the defect was caused by a defective function of the cellular network;

(vi) the defect was caused by the fact that the Product was used with or connected to an accessory not manufactured and supplied by Nokia or used in other than its intended use;

(vii) the defect was caused by the fact that the battery was short-circuited or seals of the battery enclosure or cells were broken or show evidence of tampering or the battery was used in equipment other than for which it has been specified; or

(viii) the Product software needs to be upgraded due to changes in cellular network parameters.

7. To claim this limited warranty the Customer shall present either i) a legible and non-modified original warranty card 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 or alternatively ii) a legible and non-modified original purchase receipt which contains the same information, if such purchase receipt is presented to the seller/dealer of the Product.

8. This limited warranty is the Customer's sole and exclusive remedy against Nokia and Nokia's sole and exclusive liability against the Customer for defects or malfunctions of the Product. This limited warranty replaces all other warranties and liabilities, whether oral, written, (non-mandatory) statutory, contractual, in tort or otherwise. Nokia is in no event liable for any incidental, consequential or indirect damage, costs or expenses. Neither is Nokia in any event liable for any direct damage, costs or expenses, if the Customer is a legal person.

9. Any change or amendment to this limited warranty requires Nokia's prior written consent.

WARRANTY CARD

FILL IN WITH BLOCK LETTERS

Purchaser's Name: _____

Address: _____

_____

Country: _____

Phone: _____

Date of Purchase (dd/mm/yy): ___ / ___ / ___

Product Type (on phone type label under battery): ____ – ____

Product Model (on phone type label under battery): ____

Phone Serial No (on phone type label under battery):

_____ / ____ / _____ / __

Place of Purchase: _____

Store Name: _____

Store Address: _____

ITEM:
IMEI:

B

Stamp