

Electronic user's guide released subject to "Nokia User's Guides Terms and Conditions, 7th June, 1998"

User guide

**NOKIA
6250**



9352583

Issue 2

DECLARATION OF CONFORMITY

We, Nokia Mobile Phones Ltd declare under our sole responsibility that the product NHM-3 is in conformity with the provisions of the following Council Directive: 1999/5/EC.

Copyright © Nokia Mobile Phones 2000. All rights reserved.

Reproduction, transfer, distribution or storage of part or all of the contents in this document in any form without the prior written permission of Nokia is prohibited.

Nokia and Nokia Connecting People are registered trademarks of Nokia Corporation. Other product and company names mentioned herein may be trademarks or trade names of their respective owners.

Nokia tune is a trademark of Nokia Corporation.

US Patent No 5818437 and other pending patents. T9 text input software Copyright (C) 1997-2000. Tegic Communications, Inc. All rights reserved.



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

Nokia operates a policy of continuous development. Nokia reserves the right to make changes and improvements to any of the products described in this document without prior notice.

Under no circumstances shall Nokia be responsible for any loss of data or income or any special, incidental, consequential or indirect damages howsoever caused.

The contents of this document are provided "as is". Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability or contents of this document. Nokia reserves the right to revise this document or withdraw it at any time without prior notice

The availability of particular products may vary by region. Please check with the Nokia dealer nearest to you.



Quick guide

These pages give you some tips for using your Nokia 6250 phone. For more detailed information, read through the user guide.

■ Making your first call



Before you can make your first call, see 'Getting started' on page 27 to learn how to

- insert the SIM card,
- install and charge the battery,
- switch on your phone.


1. Key in the area code and phone number and press .
2. Press  to end the call.

■ Call functions

Answering a call

- Press .
- Press **Options** if you want to mute the ringing tone before answering a call. Then select **Answer** from the selection list or press  to answer the silent call.





Ending / rejecting a call

Press  or press **Reject**.


Adjusting the earpiece volume

- Press the volume keys on the left side of the phone.
- Automatic volume control (AVC) can be activated through Menu 4-1-1. See page 77.

Last number redial

Press  in the standby mode to access the list of last dialled numbers. Scroll with  or  to the desired number and press .

Calling your voice mailbox

Press and hold . If the phone asks for the voice mailbox number, key it in and press **OK**.

Calling by using a voice tag




First, you need to add a voice tag to a name, see 'Voice dialling' on page 50. Then press and hold **Names** and say the name to make a call.

■ Phone book functions

Quick save



Key in the phone number, press **Options** and select **Save** from the list. Key in the name and press **OK**.

Quick find


In the standby mode, press , key in the first letter of the name, scroll with  or  to the desired name.

■ Basic menu functions

Entering a menu

Press **Menu**, scroll with  or  to the desired menu function and press **Select**.

Exiting a menu


Press  to exit a menu function without changing its settings and return to standby mode.

■ Keypad lock functions

Locking the keypad

Press **Menu**, then  (within 2 seconds).

Unlocking the keypad

Press **Unlock** and then  quickly.

Automatic keylock and keylock code

You can also set time delay to lock your keypad automatically and lock/unlock the keypad with a code, see page 81 for details.



Contents

Quick guide	3
Contents	6
For your safety.....	15
General information	17
Stickers in the sales package	17
Security code	17
Network services.....	17
Accessories	18
Typographics used in this guide	19
1. Your phone.....	20
Using your phone in wet and damp conditions.....	20
Special features.....	21
Keys of your phone.....	22
The selection keys	23
The display indicators.....	24
Standby mode	24
List of indicators in the standby mode	25
2. Getting started	27
Installing the SIM card and the battery	27
Charging the battery	30
Switching the phone on and off	31
If the phone asks for a PIN code:	31

If the phone asks for a security code:	31
3. Call functions	33
Making a call	33
International calls	33
Making a call using the phone book.....	33
Last number redial.....	34
Making a call by saying a voice tag.....	34
Speed dialling a phone number.....	34
Calling your voice mailbox.....	35
Adjusting the earpiece volume.....	35
Answering a call	35
Muting the ringing tone	35
Rejecting a call.....	36
In-call options.....	36
Call waiting.....	37
Call holding.....	37
Making a conference call.....	38
4. Phone book	39
Phone book basics.....	39
Selecting the phone book	39
Copying phone books	40
Entering the phone book.....	40
Storing names and numbers.....	41
Recalling a name and phone number.....	42
Organising the phone book.....	43
Editing a name and number.....	43
Erasing a name and number	43
Further phone book functions.....	44

Assigning a phone number to a speed dial key.....	44
Caller groups.....	44
Adding a name and phone number in a caller group.....	44
Setting a ringing tone and graphic for a caller group and renaming a caller group.....	45
Removing a name and number from a caller group.....	46
Copying via infrared.....	46
Copying a name and number from your phone.....	46
Copying a name and phone number to your phone.....	46
Sending and receiving names and phone numbers.....	47
Storing multiple numbers and text items per name.....	47
Adding a new number or text item to a name:.....	48
To change the default number:.....	49
Setting the type of view for stored names and numbers.....	49
Service numbers.....	49
Memory status.....	50
Voice dialling.....	50
Adding a voice tag to a phone number.....	51
Making a call by using a voice tag.....	52
Replaying, erasing or changing a voice tag.....	52
5. Using the Menu.....	54
Accessing a menu function by scrolling.....	54
Accessing a menu function by using its shortcut number.....	55
List of menu functions.....	56
6. Menu functions.....	59
Messages (Menu 1).....	59
Writing and sending text messages.....	59
Predictive text input.....	60
Standard answers and templates.....	63

Inserting pictures	63
Reading and viewing text and picture messages	64
Replying to a message	65
Special sending options	66
Sending a text message to multiple recipients	66
Sending a text message by message profile	67
Organising your messages	67
Inbox and Outbox folders	67
Archive folder and user-specified folders	68
Message settings	69
Settings common to all text messages	69
Setting for Message profiles	70
Call register (Menu 2)	71
Missed calls (Menu 2-1)	72
Received calls (Menu 2-2)	72
Dialled numbers (Menu 2-3)	72
Erase recent call lists (Menu 2-4)	72
Call duration (Menu 2-5)	73
Call costs (Menu 2-6)	73
Profiles (Menu 3)	74
Activating a user profile	74
Customising Profiles	75
Settings you can personalise	75
Renaming profiles	76
Settings (Menu 4)	77
Call settings (Menu 4-1)	77
Automatic volume control (Menu 4-1-1)	77
Anykey answer (Menu 4-1-2)	78
Automatic redial (Menu 4-1-3)	78

Speed dialling (Menu 4-1-4).....	78
Call waiting service (Menu 4-1-5).....	78
Line for outgoing calls (Menu 4-1-6).....	79
Summary after call (Menu 4-1-7).....	79
Fax or data call (Menu 4-1-8).....	79
Own number sending (Menu 4-1-9).....	79
Phone settings (Menu 4-2).....	80
Language (Menu 4-2-1).....	80
Cell info display (Menu 4-2-2).....	80
Welcome note (Menu 4-2-3).....	80
Network selection (Menu 4-2-4).....	80
Display contrast (Menu 4-2-5).....	81
Confirm SIM service actions (Menu 4-2-6).....	81
Keylock settings (Menu 4-3).....	81
Automatic keylock (Menu 4-3-1).....	81
Keylock code (Menu 4-3-2).....	82
Change keylock code (Menu 4-3-3).....	82
Communication settings (Menu 4-4).....	83
Info service (Menu 4-4-1).....	83
Listen to voice messages (Menu 4-4-2).....	83
Voice mailbox number (Menu 4-4-3).....	84
Service command editor (Menu 4-4-4).....	84
Security settings (Menu 4-5).....	84
PIN code request (Menu 4-5-1).....	84
Call barring service (Menu 4-5-2).....	85
Fixed dialling (Menu 4-5-3).....	85
Closed user group (Menu 4-5-4).....	86
Security level (Menu 4-5-5).....	86

Change of access codes (Menu 4-5-6).....	87
Restore factory settings (Menu 4-6).....	87
Call divert (Menu 5).....	87
Games (Menu 6).....	88
To start a new game.....	89
To start a 2-player game.....	89
Game options.....	89
Calculator (Menu 7).....	90
Using the calculator.....	90
Currency conversion.....	91
Setting the exchange rate in Calculator.....	91
Calendar (Menu 8).....	92
Calendar views.....	92
Day view.....	92
Note view.....	92
Week list.....	92
Options list of calendar views.....	93
Adding a calendar note.....	93
When the phone alarms for a note.....	94
Task journal (Menu 9).....	94
Restart (Menu 9-1).....	95
Add new (Menu 9-2).....	95
Find (Menu 9-3).....	96
Edit (Menu 9-4).....	96
Erase (Menu 9-5).....	96
History (Menu 9-6).....	97
Details.....	98
Send as SMS.....	99
Transferring Task journal data to a PC using a cable.....	99

Transferring Task journal data to a compatible PC via infrared.....	100
Active work view	100
Pause task	100
Stop task	101
Add cost.....	101
Add comment.....	102
Clock (Menu 10)	103
Stopwatch (Menu 10-1).....	103
Split timing.....	104
Lap timing.....	105
Saving or resetting times	105
Viewing times	105
Deleting times.....	106
Stopwatch memory.....	106
Alarm clock (Menu 10-2).....	106
Time settings (Menu 10-3).....	107
Show clock / Hide clock (Menu 10-3-1).....	107
Set the time (Menu 10-3-2).....	107
Time format (Menu 10-3-3).....	108
Sound meter (Menu 11)	108
Infrared (Menu 12).....	109
To send and receive data via IR	110
Checking the status of an IR connection	110
Mobile Internet Services (WAP)	111
Setting up the phone for the WAP services	111
Saving the settings received as a text message	112
Keying in the settings manually.....	112
Editing the settings.....	113
Accessing WAP pages.....	114

Activating a connection set.....	114
Accessing a WAP page by opening the homepage.....	115
Bookmarks.....	115
Accessing a WAP page by entering its address.....	116
Viewing WAP pages.....	116
Keys used in WAP navigation.....	116
Emptying the cache.....	117
Security certificates.....	118
SIM services (Menu 14).....	119
7. Data and fax communications	120
Connecting your phone to a computer.....	120
Installing communications applications and modem drivers	120
Using communications applications.....	120
8. Reference information	122
Access codes.....	122
Security code (5 digits).....	122
PIN code (4 to 8 digits).....	122
PIN2 code (4 to 8 digits).....	122
PUK code (8 digits).....	123
PUK2 code (8 digit).....	123
Keylock code (4 digit).....	123
Barring password.....	123
Battery information.....	123
Charging and discharging the battery.....	123
Using the batteries.....	124
Care and maintenance.....	126

Contents

Important safety information.....	127
Technical specifications.....	131

For your safety



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



ROAD SAFETY COMES FIRST

Don't use a hand-held phone while driving; park the vehicle first.



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 phones can cause interference. Using them on aircraft is illegal.



SWITCH OFF WHEN REFUELING

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



SWITCH OFF NEAR BLASTING

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



USE SENSIBLY

Use only in normal position (to ear). Don't touch the antenna area unnecessarily.



USE QUALIFIED SERVICE

Only qualified service personnel must install or repair equipment.



ACCESSORIES AND BATTERIES

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



CONNECTING TO OTHER DEVICES

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products. Remember to make backup copies of all important data.



MAKING CALLS

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



EMERGENCY CALLS

Ensure the phone is switched on and in service. Press as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display. Enter the emergency number, then press . Give your location. Do not end the call until told to do so.



INFRARED PRECAUTIONS

Do not point the IR beam at anyone's eyes or allow it to interfere with other IR devices.

General information

This chapter gives you some general information on your new Nokia phone and this user guide.

■ Stickers in the sales package

The stickers contain important information for service and customer support purposes.

Attach the **B** sticker with the text "ITEM" and "IMEI" on page 2 of this user guide.

Attach the **A** sticker to the Club Nokia Invitation Card supplied in the sales package.

■ Security code

The factory setting for the security code is 12345. To avoid unauthorised use of your phone, change the code in the [Settings / Security settings / Security level](#) (Menu 4-5-5) and [Change of access codes](#) (Menu 4-5-6). Keep the new code secret and in a safe place which is separate from your phone.

■ Network services

The wireless phone described in this user guide is approved for use on the EGSM900, GSM1800 and GSM900/1800 dual-band networks.

Note that Dual band functionality is a network-dependent feature. Check with your local service provider if you can subscribe to and use the dual band functionality.

A number of features included in this user guide are called network services. They are special services provided by wireless service providers. Before you can take advantage of any of these network services,

you must subscribe to these service(s) from your home service provider and obtain instructions for their use.

■ Accessories

Li-Ion battery BLL-2 is the manufacturer-approved rechargeable battery available for your phone. This apparatus is intended for use when supplied with power from ACP-7, ACP-8, and LCH-9 battery chargers. Other usage will invalidate any approval given to this apparatus and may be dangerous.



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.

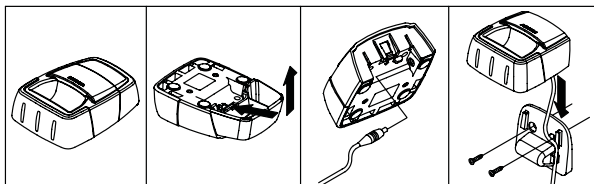
For availability of approved accessories, please check with your dealer.

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

Please note that the accessories to be used with the Nokia 6250 do not meet the same durability or water resistance specifications as the phone itself. For example, all the chargers are only to be used in dry conditions – NEVER when wet or damp.

WALL MOUNTING OF THE WALL/DESK STAND

Wall/Desk Stand DCV-6 is a Nokia 6250 specific accessory. It has a wall mounting option for charging your Nokia 6250 phone with Nokia chargers ACP-8 or ACP-7. The picture series below shows how the stand should be mounted on a wall.



Note: The availability of particular products may vary by the region. Please check with the Nokia dealer nearest you.

■ Typography used in this guide

The display texts which appear on the phone's display are indicated in italic typeface, for example *Calling*.

The display texts related to the selection keys are indicated in bold typeface, for example **Menu**. Only the selection key texts without the key symbols are shown in the text.

In this user guide all key presses are represented by icons such as  and .

1. Your phone

The Nokia 6250 is a durable quality phone.

Its advanced mechanical solutions make it dust and water resistant; it can withstand temporary immersion in water without harmful effects.

It can take a considerable drop onto a hard surface. However, even though the phone is designed to meet your tough demands, it is not meant to be thrown around on purpose. It is a high-tech piece of equipment and should be treated as such. Repeated droppings may, over time, deteriorate the performance of your phone.

The speaker, buzzer and microphone are sealed so as to be dust and water resistant. Therefore never use any sharp tools that can damage their coating.

Even though the car antenna connector is made durable and water-resistant, keep the rubber cap (provided with the phone) in place when not using the active car kit to minimize the risk of any small items and /or humidity entering the connector and possibly deteriorating the performance and /or water resistance of the phone.

■ Using your phone in wet and damp conditions

- Never try to use the phone under water.
- You can use this phone in the rain, but do not take it with you when you go e.g. swimming.
- If the phone, and especially the system connector, has been exposed to salt water, immediate rinsing with freshwater is recommended to avoid corrosion. The phone must be wiped dry carefully after it has been rinsed.

- Before opening the back cover, the phone must be wiped dry to avoid water entering the interior of your phone. The SIM card and battery are not water resistant.
- Always remember that the accessories do not meet the same durability or water resistance specifications as the phone itself.
- **Never charge the phone when the bottom connector is wet or damp.**
- **Never use a damp phone with accessories that have an electrical functionality (e.g. Wall/Desk Stand, Advanced HF Car Kit, etc.).**

■ Special features

Your phone has many new features to meet your needs in tough environments and elsewhere.

- With the Task journal (Menu 9) you can for example keep track of working times and costs.
- Stopwatch (Menu 10-1) enables the taking of intermediate times and lap times.
- Sound meter (Menu 11) reveals the estimated noise level of your surroundings.
- Automatic volume control can be selected on or off with Menu 4-1-1.
- Keypad can be locked automatically and with a code, see page 81.
- Display contrast (Menu 4-2-5) offers a selection of ten different contrast levels for the display.
- Currencies can be converted in the standby mode if you have set the exchange rate in Calculator (Menu 7).
- Timed profiles allow you to turn a profile on for a certain period of time, see page 74.
- The Quick silent feature mutes the ringing tone of an incoming call immediately. The silent call can be answered as usual, see page 35.

■ Keys of your phone



Selection keys

These keys perform the function indicated by the text immediately above them, e.g. **Select** or **OK**.



Scroll keys Use these keys to scroll through names, phone numbers, menus or setting options or to get quick access to the phone book.



Dials a phone number and answers a call. Sends the ongoing call to Hold if pressed during a call. In the standby mode: shows the list of the most recently dialled numbers.



Ends or rejects a call. Also exits from any function at any time.



Enter numbers and characters.

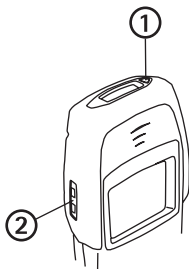


Pressing and holding of  calls your voice mailbox.



Used for various purposes in different functions.



**Power key (1)**

Pressing the power key switches the phone on or off.

Pressing this key briefly while in the standby mode or during a call: enters the list of profiles.

Pressing the key briefly while in the phone book or menu functions: turns the display lights on for 15 seconds.

**Volume keys (2)**


The upper key increases and the lower key decreases the ear-piece volume.




The selection keys

Below the display you will find two selection keys:



The functions of these keys depend on the guiding texts shown above the keys. For example, when the text **Menu** appears above the  key, pressing this key enters the menu functions.

Similarly, pressing the  key under the text **Names** allows access to the phone book functions. Pressing and holding **Names** activates voice dialling.

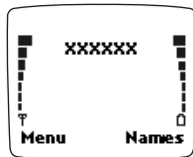
In this user guide, the selection keys are indicated by the relevant guiding text in bold type.

■ The display indicators

Display indicators and icons inform you about the operation of your phone.

Standby mode



The indicators described below are shown when the phone is ready for use, with no characters entered by the user. This screen is called standby mode.



The Nokia 6250 has 7-bar battery and signal status indicators










xxxxxx

Indicates in which cellular network the phone is currently used.

-  Shows the signal strength of the cellular network at your current location. The higher the bar, the stronger the signal.
-  Shows the battery charge level. The higher the bar, the more power in the battery.

List of indicators in the standby mode

The following icons may also be shown when the phone is in the standby mode:

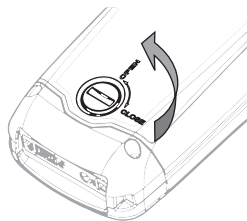
-  Indicates that you have received one or several text or picture messages. See 'Messages (Menu 1)' on page 59.
-  Indicates that you have received one or several voice messages.
-  Indicates that the phone does not ring at an incoming call. See 'Settings you can personalise' on page 75.
-  Indicates that the phone's keypad is locked. See 'Keylock settings (Menu 4-3)' on page 81.
-  Indicates that you have set the alarm clock. See 'Alarm clock (Menu 10-2)' on page 106.
-  Indicates that you have activated one or more call diverts. See 'Call divert (Menu 5)' on page 87.
-  Indicates that your calls are limited to a closed user group (network service). See 'Closed user group (Menu 4-5-4)' on page 86.
-  Indicates that a task in the Task journal is still active. See 'Task journal (Menu 9)' on page 94.
-  Indicates that you have stopwatch timing going on in the background. See 'Stopwatch (Menu 10-1)' on page 103.

- Ⓢ Indicates that a profile is timed, see 'Profiles (Menu 3)' on page 74.

2. Getting started

■ Installing the SIM card and the battery

- Keep all miniature SIM cards out of the reach of small children.
 - The SIM card and its contacts can easily be damaged by scratches or bending, so be careful when handling, inserting or removing the card.
 - Before installing the SIM card, always make sure that the phone is dry and switched off and only then remove the back cover.
1. With the back of the phone facing you, open the screw by pressing it lightly and turning it 90 degrees to the left.

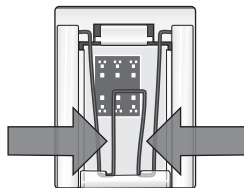
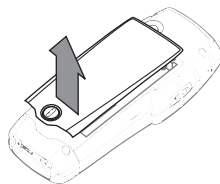


2. Remove the water resistant back cover by lifting it up.
3. Remove the BLL-2 battery if there is one.

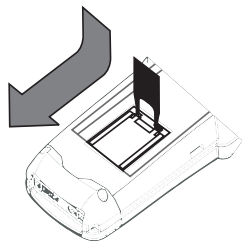
Note: When removing the back cover and battery, do not tamper with the other screws or the cover seals. If you do, you may invalidate the warranty.

4. Open the SIM card holder by pressing the middle wires from sides lightly and by releasing the card holder from its place.

5. Insert your SIM card ensuring that the bevelled corner is on the bottom right and the golden contact area is facing downwards.



- When SIM card is inserted, close the card holder downwards and press the wires from sides again to lock the card holder into the slots.

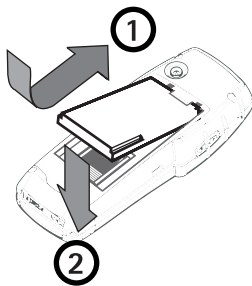


- Replace the battery.

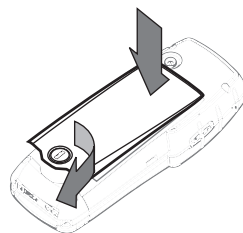
Note: Ensure you place the battery so that the electric contacts of the battery and the phone touch one another.

Make sure the interior of your phone and the back cover seals are dry and clean, and free of any foreign objects. Foreign objects may damage the seals against water.

Never detach the cover seals.



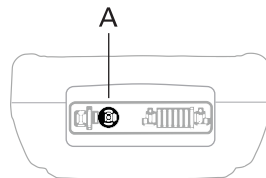
- Attach the back cover and close it tightly by turning the screw 90 degrees to the right.



■ Charging the battery

Note: Never charge the phone when the bottom connector or phone itself is wet or damp! The charger should always be dry.

- Attach the lead from the charger to the socket (A) on the bottom of your phone.
- Connect the charger to an AC wall outlet or use the Nokia car accessories compatible with your phone. The battery indicator bar starts to scroll.



The text *Charging* is briefly displayed if the phone is switched on. You can use the phone while charging.

If the battery is totally empty, it may take a few minutes before the charging indication appears on the display or any calls can be made.

The charging time depends on the charger and battery used. For example, charging a BLL-2 battery with an ACP-8 charger takes 2 hours 45 minutes.

- The battery is fully charged when the battery indicator bar stops scrolling, and the text *Battery full* is briefly displayed (if the phone is on).

If the text *Not charging* is displayed, charging has been suspended. Wait for a while, disconnect the charger, plug it in again and retry. If charging still fails, contact your dealer.

■ Switching the phone on and off

Press and hold the power key.

If the phone asks for a PIN code:

The PIN code is usually supplied with the SIM card.

- Key in the PIN code (displayed as ****), and press **OK**.

See also 'Access codes' on page 122.

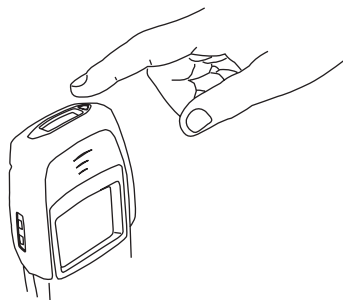
If the phone asks for a security code:

- Key in the five-digit security code (displayed as *****), and press **OK**.

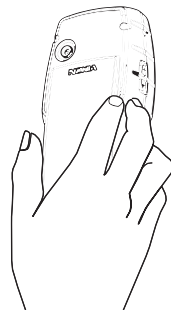
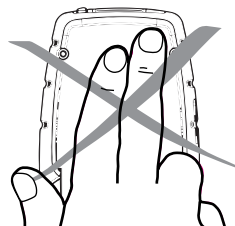
See also 'Access codes' on page 122.



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




Note: Your phone has a built-in antenna. As with any other radio-transmitting device, do not touch the antenna area 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 call optimizes the antenna performance and the talk time of your phone.





3. Call functions

■ Making a call



1. Key in the phone number including the area code.

To edit a number on the display, press  or  to move the cursor. Press **Clear** to delete the character to the left of the cursor.

2. Press  or press **Options** and then select **Call** to call the number.
3. Press  to end the call (or to cancel the call attempt).

Normal position: Hold the phone as you would any other telephone.




International calls

1. Press  twice for the international prefix (the + character replaces the international access code).
2. Enter the country code, area code, and the phone number.
3. To call the number, press .

Making a call using the phone book



1. Press **Names**.
2. Scroll to **Search** and press **Select**.
3. Key in the first letter or more of the name and press **Search**.

You can skip this step if you like.

- Use  and  to reach the desired name.
- Press  to call the number.







Tip: You can enter the Phone book quickly by pressing in the standby mode the scroll keys

 or .

Last number redial



The last ten phone numbers you called or attempted to call are stored in the phone's memory. To redial one of these last-dialled numbers:




- When in the standby mode, press  once to access the list of the last-dialled numbers.
- Use  or  to reach the desired number or name and press .

Making a call by saying a voice tag

Before you can make a call using voice tags, you must add the voice tag to a name. See 'Voice dialling' on page 50.

Speed dialling a phone number


If you have assigned a phone number to one of the speed dialling keys  to , you can call that phone number in either of the following ways:

- Press the corresponding speed dialling key and press .
- If the *Speed diallings* set to *On*: Press and hold the corresponding speed dialling key ( to ) until the call is started.



See 'Assigning a phone number to a speed dial key' on page 44 and 'Speed dialling a phone number' on page 34.

Note: Pressing and holding  dials your voice mailbox number.



Calling your voice mailbox

1. Press and hold  when in the standby mode.
2. If the phone asks for the voice mailbox number, key it in and press **OK**. You obtain this number from your service provider. To edit this number at a later time, see 'Voice mailbox number (Menu 4-4-3)' on page 84.

Adjusting the earpiece volume

You can adjust the earpiece volume of your phone during a call. Press  to increase and  to decrease the volume level. See also 'Automatic volume control (Menu 4-1-1)' on page 77.


■ Answering a call

1. To answer a call, press .
2. Press  to end the call.

Muting the ringing tone

You can mute the ringing tone by pressing **Options**. Now you can answer the call either by selecting **Answer** from the selection list or by pressing .

Rejecting a call

To reject an incoming call and to send the caller the 'line busy' tone, press  or **Reject**. If the *Divert if busy* function is activated 'Call divert (Menu 5)' on page 87, the call is diverted for example to your voice mailbox.

■ In-call options

Your phone provides a number of functions that you can use during a call. Many of the in-call options are network dependent.




By pressing **Options** during a call some or all of the following in-call options may be available:

- *AVC on* or *AVC off* (to set the automatic volume control on or off)
- *Hold* or *Unhold* (to put a call on hold or to re-activate a call)
- *New call* (to make a call when you have a call in progress)
- *Send DTMF* (to send DTMF tone strings stored in the phone book or keyed in manually, for example, passwords or bank account numbers)
- *End all calls* (to end all calls)
- *Phone book* (to access the phone book)
- *Menu* (to access the Menu)
- *Mute* or *Unmute* (to mute the phone's microphone or converse)
- *Swap* (to switch between the active call and the call on hold)
- *Transfer* (to connect a call on hold with an active call and to disconnect you from both calls)

The options *Conference*, *Private* and *End active call* are available when two or more calls are active simultaneously. You can make new calls during a call by selecting *New call* option. These incall-options are also network dependent.

Call waiting

This network service allows you to answer an incoming call while you have a call in progress if you have activated the menu function *Call waiting service* (Menu 4-1-5).




1. Press **Answer** or . The first call is put on hold.
2. To switch between the two calls, press **Swap** or .
3. To end the active call, press , (or to end both calls at the same time, press **Options**, scroll to *End all calls* and press **OK**.)





Tip: If you do not want to answer the call, you can ignore it or reject it. To reject the call, press **Options**, then scroll to *Reject* and press **OK**. If you have activated the call divert *Divert if busy* (Menu 5-2), a rejected call will also be diverted.

Call holding

This network service allows you to make another call while you have a call in progress.


1. Press **Hold** or press . The first call is put on hold.
 2. Make the second call.
 3. To switch between the two calls, press **Swap** or .
- To end the active call, press .



Tip: You can also mute the line for a while. Press **Options**, scroll with  or  to **Mute**. When you want to resume the muted call, press **Unmute**.

Making a conference call

This network service allows up to six persons to take part in a conference call.

1. Make a call to the first participant.
2. Press **Options** and scroll to **New call** and press **Select**. Make the call to the second participant. The first call is put on hold.
3. To join the first participant in the conference call, press **Options**, choose **Conference** and press **Select**.
4. To add a new person to the call, repeat the steps 2 and 3.
5. To have a private conversation with one of the participants:
 - Press **Options**, scroll to **Private** and press **Select**, then scroll to the desired participant and press **OK**. Once you have finished the private conversation, return to the conference call as described in step 3.
6. To end the conference call, press  or select **Options** and then **End all calls**.

4. Phone book

■ Phone book basics

There are two separate memories you can store names and phone numbers to:

- the phone's internal phone book

The phone's internal phone book can store up to 255 names (each of which can have up to 50 characters) and phone numbers. You can store 3 numbers and one text note to a name.

If you have less than 255 names stored in the phone's internal phone book, you may be able to store up to 5 phone numbers and two text notes per name.

- the SIM card memory



The phone supports SIM cards that can store up to 250 names and phone numbers.

You can use only one memory at a time.

Note: Certain features, such as storing multiple numbers and text items per name or attaching voice tags to numbers only work when the phone's memory is in use. If you have numbers stored in the memory of the SIM card, first copy them to the phone memory.

Selecting the phone book

You can set the phone to use its internal phone book or the SIM card memory for storing names and numbers.



1. In the standby mode, press **Names**.
2. Scroll with  or  to **Options** and press **Select**.

3. Scroll to *Memory in use* and press **Select**.
4. Scroll to *Phone* (to set the phone to use its internal phone book) or *SIM card* (to set the phone to use the SIM card memory) and press **Select**.

Note: After the SIM card is changed, the SIM phone book is automatically selected.

Copying phone books

You can copy names and phone numbers from the phone's memory into your SIM card's memory or vice versa.

1. In the standby mode, press **Names**.
2. Scroll to *Copy* and press **Select**.
3. Scroll with  or  to the desired copying direction (*From phone to SIM card* or *From SIM card to phone*) and press **Select**.
4. Scroll to *One by one*, *All* or *Default Nos.* and press **Select**.





If you selected *One by one*, scroll to the name you want to copy and press **Copy**.

Note that when you copy *From SIM card to Phone*, the text *Default Nos.* is not shown.





5. Select whether you want to keep the original names and numbers or not.
6. If you selected *All* or *Default Nos.*, press **OK** when the text *Start copying?* is displayed.
Note that after pressing **Copy** or selecting *All* or *Default Nos.* the selection list *Keep original*, *Erase original* appears.

Entering the phone book





- Press **Names** in standby mode, scroll with  or  to the desired function and press **Select**.






- In standby mode, press  or  to enter the phone book quickly.
- During a call: Press **Options**, scroll with  or  to *Phone book*, and press **Select** when *Search* is highlighted.

Storing names and numbers

1. Press **Names**, scroll to *Add name* and press **Select**.
2. Key in the name; press a number key ( to ) repeatedly until the desired character or number appears. The most common punctuation marks and special characters are available under the number key . To insert a space, press .
Note: All characters available under a number key are not printed on the key. The characters available under a number key depend on the language selected in the menu 4-2-1.
3. Press **OK**.
4. Key in an area code and phone number, and press **OK**. If you wish to add a voice tag, see 'Adding a voice tag to a phone number' on page 51.

Writing text:

- If the next letter is located on the same key as the present one, press  or  (or wait until the cursor appears again) and then key in the letter.
- To switch between upper case and lower case, press  quickly. The symbol ABC or abc shown at the top of the display indicates the selected case.
- To insert a number, press and hold the key labelled with the desired number. To switch between letters and numbers, press and hold . Number mode is indicated by 123 at the top of the display.

- Pressing  brings up a list of special characters. Move through the list to the desired character with  or  and press **Use** to insert it in the name.
- If you make a mistake, you can remove characters to the left of the cursor by pressing **Clear** as many times as necessary. Pressing and holding **Clear** will clear the screen.
-  and  move the cursor right and left, respectively.






Tip

Quick save:



When in the standby mode, key in the phone number, press **Options**, and select **Save**. Then, enter the name and press **OK**.

Or, if you wish, save the number only: key in the phone number and press and hold **Options**.

Recalling a name and phone number

1. In the standby mode, press **Names**.
2. Scroll to **Search** and press **Select**.
3. Key in the first character of the name (or, press **List** to access the list of names) you are searching for and press **Search**.
4. Press  or  until the desired name appears.
5. Once the desired name is highlighted press  to call the highlighted name.



Tip: To quickly access the list of stored names and numbers, press  or  when the phone is in the standby mode.

Organising the phone book

Editing a name and number

1. Recall the name or number you want to edit and press **Details**. Then press **Options**.
2. Scroll to *Edit name* or *Edit number* and press **Select**.
3. Edit the name or number and press **OK**.

Erasing a name and number

You can remove names and phone numbers from the selected phone book one by one or all at once.

To erase a name and number

1. Recall the name and number you want to edit and press **Details**. Then press **Options**.
2. Scroll to *Erase* and press **Select**.



Note: If you have stored multiple numbers per name, the option *Erase* deletes the name, all the numbers and the text notes stored under it.

To erase all names and numbers

1. Press **Names**, scroll to *Erase* and press **Select**.
2. Scroll to *Erase all* and press **Select**.
3. Scroll to the phone book you want to erase (*SIM card* or *Phone*) and press **OK**.
4. Press **OK** when the text *Are you sure?* is displayed and then key in your security code and press **OK**.

■ Further phone book functions

Assigning a phone number to a speed dial key

You can set any of the number keys  -  to work as a speed dial key. To do this you need to assign a phone number to a number key.

1. Press **Names** and scroll to *Speed dials* and press **Select**.
2. Scroll to the desired speed dial key (2 to 9), and press **Assign**.
3. Press **Search**, and scroll to the name or number and press **Select**.
4. Press **Select** to assign the displayed number.



After assigning a number to a speed dial key, you can call, view or change the number or undo the speed dial. See 'Speed dialling a phone number' on page 34.

Caller groups

You can set the phone to sound a specific ringing tone and show a selected graphic on the display when you receive a call from a particular name and phone number. To do this, first include a name and number in a caller group. Then, define a ringing tone and graphic for this group.

Note: You can set the phone to ring only upon receiving calls from names and numbers that belong to a specific caller group by using the *Alert for* setting under the Profiles menu, see 'Customising Profiles' on page 75.

Adding a name and phone number in a caller group

1. Press **Names**, scroll with  or  to *Caller groups*, and press **Select**.
2. Scroll to the desired caller group and press **Select**.

3. Scroll to *Members* and press **Select**.
4. Press **OK** when *Add name* is highlighted, then scroll to the desired name and press **Add**.
5. If you have more than one number stored under the name, scroll to the number that you want to add to the caller group and then press **OK**.



Tip: You can also add a new name to a caller group by recalling it from the phone book. At the desired number, first press **Details** and then **Options**. Scroll to *Caller groups* and press **Select**. Scroll to the desired caller group and press **Select**.

Setting a ringing tone and graphic for a caller group and renaming a caller group

1. Press **Names**, scroll to *Caller groups* and press **Select**.
2. Scroll to one of the caller groups and press **Select**.
3. Scroll to one of the following settings and press **Select**.
 - *Group title*. To rename the caller group, key in a new name and press **OK**.
 - *Group ringing tone*. To set the phone to ring a specific ringing tone for the group, scroll to the desired tone and press **OK**. *Default* is the tone selected for the currently selected profile.
 - *Group graphic* To set the phone to display the group graphic, scroll to *On* and press **OK**.

The option list includes options for viewing and sending (*Send graphic*) the graphic as an Over The Air (OTA) message, if supported by your network.

You can also receive a new group graphic to your phone as an OTA message. When you receive a group graphic, press **Show**, then press **Options**, select *Save* or *Discard* and press **Select**. If you selected *Save*, reach the desired caller group and press **OK**.

Removing a name and number from a caller group

1. Press **Names**, scroll to *Caller groups* and press **Select**.
2. Scroll to the desired caller group and press **Select**.
3. Scroll to *Members* and press **Select**.
4. Scroll to the name you want to remove, press **Options** and scroll to *Remove name* and press **OK**.

Copying via infrared

Copying a name and number from your phone

Using your phone's infrared (IR) port, you can send phone book entries as business cards to a compatible phone or PC which is running an appropriate application.

1. Make sure that the other phone or the PC is set up to receive data via its IR port.
2. Recall the name and phone number to be copied .
3. Press **Options**, scroll to *Send card via IR* to copy the phone number and name to another phone or PC.
4. Press **Select**.

Copying a name and phone number to your phone

To copy names and phone numbers from another compatible phone.

1. Press **Menu**, scroll to *Infrared* (Menu 12) and press **Select**. Your phone is ready to receive data through its IR port.

The user of the other phone can now send the name and phone number via Infrared.

2. Once the name and phone number have been copied to your phone, press **Show**. Then press **Options**, select *Save* or *Discard*, and press **Select**.

Sending and receiving names and phone numbers

You can send or receive a person's contact information as a business card either via IR or as an Over The Air (OTA) message if supported by the network.

To send a business card as an OTA message, find the desired name and number from the phone book and then use the option *Send card*.

To send a business card via IR, use the option *Send card via IR*. See also Copying via infrared on page 46.



When you receive a business card, press **Show**. Then press **Options**, select *Save* or *Discard*, and press **Select**.

Note: Business cards are always stored in the phone's memory.

Storing multiple numbers and text items per name

You can use your phone as a contact manager, since the phone's internal phone book allows you to store multiple phone numbers as well as text, such as an E-mail address, a street address or a note under a name. You can store up to 2 text items per name.





The first number stored under a name is automatically set as the default number. When you select a name from the phone book, e.g. to make a call or to send a message, the default number is used unless you select another number. You can store up to 5 numbers per name.


For each number or text item you can select a number type. If you do not select any number type,  will be used as the number type. The default number is indicated by the box around the number type icon, e.g. .

Adding a new number or text item to a name:

Multiple numbers can be stored only in the phone's memory.

Note: Before storing names and numbers, change the memory in use from *SIM card* to *Phone*. For instructions, see 'Selecting the phone book' on page 39.

1. Enter the names list, for example, by pressing  or .
2. Scroll with  or  to the name to which you want to add a new number or text item and press **Details**.
3. Press **Options** and scroll to *Add number* or to *Add text* and press **Select**.
4. Scroll to one of the number or text types and press **Select**.

 *General* (default type when no other type is selected)

 *Mobile*

 *Home*

 *Office*

 *Fax*

Text types:

 *E-mail*



 *Postal add.*

 *Note*

You can later change the number or text type by using the *Change type* option in the option list.



5. Enter the number or enter the text and press **OK** to save it.
6. Press **Options** (and then repeat steps 3 - 4) if you wish to continue adding numbers or text items to the name. Press **Back**, and then **Exit** to exit the phone book and to return to the standby mode.

To change the default number:

1. Once in the names list, scroll to the desired name and press **Details**.
2. Scroll with  or  to the number you want to set as the default number, press **Options**.
3. Scroll to *Set as default* and press **Select**.




Setting the type of view for stored names and numbers

You can set your phone to show the stored names and numbers in two different ways.

1. Press **Names**, scroll with  or  to *Options* and press **Select**.
2. Scroll to *Type of view* and press **Select**.
3. Scroll to *Name list* (shows three names at a time) or *Name & number* (one name and phone number at a time) and press **OK**.





Service numbers

By using this function you can easily dial any of the service numbers your service provider may have stored in your SIM card. This function is not displayed if there are no service numbers stored in your SIM card.

1. In the standby mode, press **Names**.
2. Scroll with  or  to *Service Nos.* and press **Select**.
3. Scroll to the desired service number, press  to call the number.

Memory status

You can check what percentage of the phone's internal memory is in use or how many names and numbers are stored on the SIM card's memory and how much memory is still free.

1. When in the standby mode, press **Names**.
2. Scroll with  or  to *Options* and press **Select**.
3. Scroll to *Memory status* and press **Select**. The status of the SIM card is displayed.
4. Press  or  to see the status of the phone's internal memory.

■ Voice dialling

The voice dialling feature allows you to make phone calls by saying a voice tag that has been added to a desired phone number. Any spoken word(s) such as a person's first name, surname and type of number (e.g. mobile) can be a voice tag.

Before using voice dialling:

- Voice tags can be stored only in the phone's memory. Save or copy the phone numbers, to which you want to add a voice tag, in your phone's memory.
- 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.
- Voice tags are not language dependent. They are dependent on the speaker's voice.
- Voice tags are sensitive to the background noise; record voice tags in a quiet environment.
- Very short names are not accepted; use long names and avoid similar names for different numbers.









Note: The phone must be in a service area with adequate cellular signal strength. Also, 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 phone number

Voice tags can only be added to the phone numbers stored in the phone's memory.

First, change the memory in use from *SIM card* to *Phone*, see 'Selecting the phone book' on page 39 for instructions. Then, save a name and number in the phone's memory.

1. Press  or  to access the list of names.
2. Scroll with  or  to the name you want to add a voice tag to and press **Details**.
3. Scroll with  or  to select the number to which you want to add a voice tag.
4. Press **Options** and scroll with  or  to *Add voice tag* and press **Select**.
5. Press **Start** when the text *Press Start, then speak after tone* is displayed: The phone sounds a notification tone and *Please speak now* is displayed.
6. Hold the phone near to your ear and say clearly the word(s) you want to record as a voice tag after you hear the starting tone.
7. After recording the phone plays the recorded tag and *Playing voice tag* is displayed. If you do not want to save the recording, press **Stop**.
8. When the voice tag has been successfully saved, *Voice tag saved* is displayed and you can hear a beep.

The voice tag is now stored in the phone's memory and the symbol  appears above the phone number with the voice tag.

Note: Only eight phone numbers can have a voice tag. When the memory is full, delete some of the voice tags.



Making a call by using a voice tag

1. In the standby mode, press and hold **Names** to start the voice dialling: A short tone is played and *Please speak now* is displayed.
2. Hold the phone in the normal position near to your ear and say the voice tag clearly.
3. The phone plays the name and then automatically dials the number of the recognised voice tag after 1.5 seconds.
 - If the text *No voice tags saved* is displayed after you press and hold **Names**, make sure that the phone's memory is in use.

Making a call when using the HDC-9P headset

1. Press and hold the key on your headset: a short tone is played.
2. Say the voice tag clearly.
3. The phone plays the recognised tag and then automatically dials the number of the recognised voice tag after 1.5 seconds.

Replaying, erasing or changing a voice tag

1. In the standby mode, press **Names** to access the phone book.
2. Scroll to *Voice tags* and press **Select**. Use scroll keys  or  to find the name with the voice tag you wish to replay, change or erase.

To replay a voice tag: At the desired name, press **Options**, scroll to *Playback* and press **Select**. Hold the phone close to your ear to hear the voice tag.

To erase a voice tag: At the desired name, press **Options**, scroll to *Erase* and press **Select**. Press **OK** when *Erase voice tag?* is displayed.

To change a voice tag:

- At the desired name, press **Options**, scroll to *Change* and press **Select**: *Press start then speak after tone* is displayed.
- Press **Start**: The phone sounds a notification tone and *Please speak now* is displayed.
- Say the new voice tag clearly. The phone replays the new voice tag and confirms that the new voice tag has been stored.







5. Using the Menu

The phone offers a range of functions that allow you to tailor the phone to your needs. These functions are arranged in menus and submenus.

Most of the menu functions are provided with a brief help text. To view the help text, scroll to the desired menu function and wait for 15 seconds. To exit the help text, press **Back**.

The menus and submenus can be accessed by scrolling or by using the shortcuts.

■ Accessing a menu function by scrolling

1. To access the menu facility, press **Menu**. Press  or  to reach the desired main menu, e.g. *Settings*. Press **Select** to enter the menu.
2. If the menu contains any submenus, find the one you want by scrolling with  or . Press **Select** to enter the submenu (for example *Keylock settings*).
3. If the menu you have selected contains submenus, repeat step 2. Press **Select** to enter the next submenu (for example *Automatic keylock*).
4. Press  or  to find the setting of your choice and confirm the chosen setting.



Tip: You can return to the previous menu level by pressing **Back** or exit the menu without changing any settings by pressing and holding **Back**.

You can always exit the menu without changing the menu settings by pressing .

■ Accessing a menu function by using its shortcut number

The menu items (menus, submenus and setting options) are numbered and can be accessed quickly by using their shortcut number. For menu shortcuts, see the list of menu functions.

1. Press **Menu**.
2. Key in quickly, within two seconds, the index number of the menu function you want to access. For example, to set the Automatic keypad locking on: Press **Menu**, **094**, **3 def** and **001**.
 - **Menu** for entering the menu
 - **094** for *Settings*
 - **3 def** for *Keylock settings*
 - **001** for *Automatic keylock*.

■ List of menu functions

1. Messages

1. Write message
2. Inbox
3. Outbox
4. Archive
5. Templates
6. My folders
7. Erase all
8. Message settings



2. Call register

1. Missed calls
2. Received calls
3. Dialed numbers
4. Erase recent call lists
5. Call duration
 1. Last call duration
 2. All calls' duration
 3. Received calls' duration
 4. Dialed calls' duration
 5. Clear timers
6. Call costs
 1. Last call units
 2. All calls' units



3. Profiles

1. General
 1. Activate
 1. Continuous
 2. Timed
 2. Personalise
 1. Incoming call alert
 2. Ringing tone
 3. Ringing volume
 4. Vibrating alert
 5. Message alert tone
 6. Keypad tones
 7. Warning tones
 8. Alert for
2. Silent
 1. Activate
 1. Continuous
 2. Timed
 2. Personalise (same submenus as in General)
 3. Rename
3. Meeting (same submenus as in Silent)
4. Outdoor (same submenus as in Silent)



- 5. Pager
(same submenus as in Silent)
- 6. Handsfree¹ (same submenus as in General plus Automatic Answer and Lights)
- 7. Headset² (same submenus as in General plus Automatic Answer.)
- 4. Settings



- 1. Call settings
 - 1. Automatic volume control
 - 2. Anykey answer
 - 3. Automatic redial
 - 4. Speed dialling
 - 5. Call waiting service
- 6. Line for outgoing calls³
- 7. Summary after call
- 8. Fax or data call
- 9. Own number sending
- 2. Phone settings
 - 1. Language
 - 2. Cell info display
 - 3. Welcome note
 - 4. Network selection

- 5. Display contrast
- 6. Confirm SIM service actions
- 3. Keylock settings
 - 1. Automatic keylock
 - 2. Keylock code
 - 3. Change keylock
- 4. Communication settings
 - 1. Info service
 - 2. Listen to voice messages
 - 3. Voice mailbox number
 - 4. Service command editor
- 5. Security settings
 - 1. PIN code request
 - 2. Call barring service
 - 3. Fixed dialling
 - 4. Closed user group
 - 5. Security level
 - 6. Change of access codes
 - 1. Change security code
 - 2. Change PIN code
 - 3. Change PIN2 code
 - 4. Change barring password
- 6. Restore factory settings

-
- 1. Profile is shown only if the phone is or has been used with the CARK111 car kit. Activation of the profile is automatic.
 - 2. Profile is shown only if the phone is or has been used with the HDC-9P headset. Activation of the profile is automatic.
 - 3. If your SIM card does not support Line for outgoing calls function, the numbering of Summary after call, Fax and data call and Own number sending changes.

5. Call divert

1. Divert all voice calls
2. Divert if busy
3. Divert if not answered
4. Divert if out of reach
5. Divert if not available
6. Divert all fax calls
7. Divert all data calls
8. Cancel all divers



6. Games

1. Snake II
2. Opposite
3. Pairs II
4. Settings



7. Calculator



8. Calendar



9. Task journal

1. Restart
2. Add new¹



3. Find
4. Edit
5. Erase
6. History

10. Clock

1. Stopwatch
2. Alarm clock
3. Time settings



11. Sound meter



12. Infrared



13. Services

1. Home
2. Bookmarks
3. Settings
4. Go to address
5. Clear the cache

14. SIM services²

1. This is the only menu item shown if there are no previous tasks in the Task list.

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

6. Menu functions

■ Messages (Menu 1)



Within the *Messages* menu you can read, write and send text messages of up to 160 characters or save your own messages in the folders for later use.



Note: The message centre number is often stored to your SIM card, but if it's not, you need to store it in the *Message centre number* option under *Message settings* before you are able to send or receive any messages. Contact your service provider for the message centre number.

Writing and sending text messages

Within the *Write message* menu you can write and edit text messages of up to 160 characters. You can use:

- traditional text input, indicated by  To insert a character, you need to press the key labelled with the required letter as many times as is necessary. For more information, see 'Storing names and numbers' on page 41.
 - predictive text input, indicated by  When writing complete words, for inserting a character you need to press the key with the corresponding letter only once.
1. In the standby mode, press **Menu**, press **Select** when *Messages* is displayed.
 2. Press **Select** when *Write message* is displayed.
 3. Key in a message.




Tip: When writing a text message, the phone uses the text case, which automatically writes the first character of a sentence in upper case.

You can also insert templates (see 'Standard answers and templates' on page 63) and pictures (see 'Inserting pictures' on page 63) into your messages.

4. To send the message, press **Options**.
5. Press **Select** when *Send* is highlighted.

The option list includes options for sending, saving and erasing the message you are writing.



Tip: You can also send the message by pressing  after you have written it.

6. Enter the recipient's phone number, or recall the phone number from phone book by pressing **Search**. Find the desired number and press **OK**.
7. Press **OK** to send the message.

Predictive text input

Predictive text input allows you to key in any characters by single keypresses when writing complete words. This text input is based on a built-in dictionary to which you can add new words.

Selecting the language for predictive text input


1. Press **Menu**, press **Select** when *Messages* is displayed.
2. Press **Select** when *Write message* is displayed.
3. Press **Options** and scroll to *Dictionary* and press **Select**.

Note: Predictive text input is only available for the languages listed in the dictionary option list.

4. Scroll to the desired language and press **Select**. *T9 dictionary activated* is displayed and the predictive text input is now on, indicated by .

You can change from the predictive text input to the traditional text input by pressing **Options** and scrolling to *Dictionary*. Select *Dictionary off* and press **Select**. *T9 dictionary deactivated* is displayed.



Tip: Press and hold **Options** to quickly activate or de-activate the predictive text input. Alternatively, press  twice.



Writing words with predictive text input





1. Start writing a word by using the keys  to . Press each key only once for one letter when writing complete words.

For example, to write **hello** with the English dictionary selected:



The word changes after each keystroke – ignore how the word appears on the display before you have keyed in all its characters.

- To delete a character, press **Clear**.
- To change the character case, press .
- To change between letter and number mode, press and hold .
- To insert a word, press **Options**. Scroll to *Insert word* and press **Select**. Write the word and press **Save**.


- To insert a single number in character mode, press and hold the respective number key.
 - To insert several numbers, press **Options**. Scroll to *Insert number* and press **Select**. Key in the desired numbers and press **OK**.
 - To insert a symbol, press and hold . Select the desired symbol and press **Use**.
Alternatively, press **Options**, scroll to *Insert symbol*, and press **Select**. Scroll to the desired symbol and press **Use**.
2. When you have finished writing the word and it is correct, confirm it by pressing  or adding a space with .
 3. If the word is correct, start writing the next word.
If the word is not correct, you have the following options:
 - Press  repeatedly until the desired word appears and confirm it.
 - Press **Options**, scroll to *Next match* and press **Select**. Next match is shown in the editor.If the ? character is displayed after the word, the word you intended to write is not in the dictionary. To add the word to the dictionary, press **Spell**.



Adding the desired word to the match list

1. If no matches are found in the predictive text input mode, you can insert a new word into the dictionary. Press **Spell** and key in the desired word using traditional text input.
2. Press **Save**.

Note: When the dictionary is full, the new word replaces the least used word in it.

Writing compound words

1. Key in the first part of the word and accept it by pressing .

2. Write the last part of the compound word and accept the word by pressing  or .



Standard answers and templates

Your phone offers you a list of standard answers and templates that you can use in replying to messages. You can also use templates when writing messages.

You can find the list of default templates in the *Templates* folder of the *Messages* menu. You can edit the text message templates to your liking, but the original templates will be restored when the Menu 4-6 is selected (*Restore factory settings*).

To insert a template:

1. When in *Write message* menu, press **Options**.
2. Scroll to *Insert template* and press **Select**.
3. Scroll to the desired template and press **Select**.

The  icon is displayed in front of text message templates. The  icon is displayed in front of picture message templates.




Inserting pictures

Your phone offers you 10 picture message templates. You can also save new picture templates into the *Templates* folder. More templates can be found on the Nokia website (<http://www.club.nokia.com>).


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

To insert a picture in a text message:

1. When in the message editor, press **Options**.
2. Scroll to *Attach picture* and press **Select**. The list of picture message templates is displayed.


3. Scroll with  or  to the desired picture message template and press **Select** to view it.
Note: Picture templates have default titles but you can change them by selecting the option *Rename* and keying in the new title.
4. To insert the picture into your message, press **Use**. When the picture has been attached to your message, the text *Picture attached* is displayed and the phone returns to the message editor. The  indicator means that the picture has been attached. The number of characters that you can enter in a picture message depends on the size of the picture.
5. If you want to see the text and the picture together before sending the message, press **Options**, scroll to *Preview* and press **Select**.
If you want to change the attached picture, select the option *Replace picture*. If you want to remove the attached picture, select the option *Remove picture*.
6. To send the message, press **Options** and select the option *Send*.
 - Note that each picture message is made up of several text messages. Therefore, sending one picture message may cost more than sending one text message.
 - Since picture messages are saved in the phone's memory, you cannot view them if you use the SIM card with another phone.

Reading and viewing text and picture messages


When you have received a text or picture message, the  indicator and the number of new messages followed by *Message(s) received* will appear on the display.

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

To read the text message later:

Once in the *Messages* menu, scroll to *Inbox* and press **Open**. Scroll to the desired message and press **Select** to read it. An unread text message is indicated by the  icon in front of it. The message is stored in the *Inbox* folder after you have read it.


To view the picture message later:

Once in the *Messages* menu, scroll to *Inbox* and press **Open**. Scroll to the desired message and press **Select** to view it. An unviewed picture message is indicated by the  icon in front of it.

2. While reading and viewing the message, press **Options** to scroll through the list of options and press **Select** at the highlighted option to select it.

The option list includes options for erasing, replying, forwarding, moving, editing, and renaming the message you are reading. You can also change the font size of the message you are reading.

- Note that when you are replying to a picture message, only the text is copied to your reply message. When you are editing a picture message, only the text can be edited, not the picture.
- If you want to save the picture for later use select the option *Save picture*: the picture is saved in the *Templates* folder.

You can also copy the message to your phone's calendar as a reminder note (*Copy to cal.*). The *Details* option shows you, e.g., the sender's name and phone number, message centre used for sending, reception date and time. If you want to extract numbers from the current message, use the option *Use number*, or press .

Replying to a message

1. Once in a message you want to reply to, press **Options**, scroll to *Reply* or *Reply (text)* if you are replying to a picture message, and press **Select**.

2. Scroll to one of the following reply types and press **Select**.
 - *Empty screen*. Original message is not included in the reply message.
 - *Orig. message*. Original message is included in the reply message.
 - Standard answers, e.g. *Yes*, *Thank you* or *Congratulations*. Only the selected standard answer is included in the reply message. The standard answer can also be modified and additional text can be added.
 - *Template*. The selected template is included in the beginning of the reply message. The template text can be modified and additional text can be added.
3. If you selected *Template*, the list of templates, including e.g. *Please call* or *See you in*, is displayed. Scroll to the desired template and press **Select**.
4. Write your reply message and press **Options**, scroll to *Send* and press **Select**. Press **OK** to send the message to the displayed number.

Special sending options

Sending a text message to multiple recipients

You can send a message to multiple recipients. When sending a reply message, use the *Multiple copies* option under *Forw. options*, and when writing and sending a message, use *Multiple copies* under *Send options*.

1. After you have written the message, press **Options**, scroll to *Send options* and press **Select**.
2. Scroll to *Multiple copies* and press **Select**: the list of names is displayed.
3. Scroll to the desired name and press **OK** to send the message.
4. Then select the next recipient and press **OK**.

5. When you do not want to send the message to any more recipients, press **Done**.

Sending a text message by message profile

You can send or forward a text message, for example to a fax number, by using the *Message profile* option under *Send options* or under *Forw. options* if this profile is supported by your network.

For example, in order to send a text message to a fax, you first need to define one message profile under the message settings for fax transmissions. See 'Message settings' on page 69.

1. After you have written the message, select *Message profile*.
2. Scroll to the message profile you have defined for fax transmissions and press **Select**.
3. Enter the fax number or recall it from the phone book and press **OK**.



Tip: If you have stored the fax number under the *Default recipient number* setting of the selected message profile, the phone automatically suggest that number. Press **OK** to accept the number.


Organising your messages

All the messages stored in your phone's message memory are organised in folders.

Inbox and Outbox folders

After you have read an incoming text or picture message, the phone stores the message in the *Inbox* folder of the *Messages* menu.

When you save a message you have written and/or sent, the phone stores the message in the *Outbox* folder.

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

Archive folder and user-specified folders

If you want to make sure that certain messages will not be overwritten when the message memory becomes full, or if you want to further organise your messages, you can move some of your messages to the *Archive* folder or you can add new folders under the *Messages* menu and store some of your messages there.

Adding a folder:

1. Once in the *Messages* menu, scroll to *My folders* and press **Open**.
2. Press **Options** and scroll to *Add folder* and press **Select**. Enter the name of the new folder and press **OK**.

Deleting the contents of a single folder or of all the folders:

1. Once in the *Messages* menu, scroll to *Erase all* and press **Select**.
2. Do either of the following:
 - Scroll to the folder whose contents you want to delete and press **OK**. Then press **OK** at the prompt *Erase all read messages from folder?*
 - Or
 - Scroll to *All read* and press **OK** to erase all read messages from all the folders. Then press **OK** at the prompt *Erase all read messages from folder?*

Deleting a folder:

1. Once in the *Messages* menu, scroll to *My folders* and press **Open**.
2. Scroll to the folder you want to delete and press **Options**.
3. Scroll to *Remove folder* and press **Select**.

Note: When you delete a folder, all the messages contained in that folder are also deleted.

Moving or erasing a text or picture message:

1. Once in the desired message, press **Options**.
2. Scroll to *Move* or to *Erase* and press **Select**.
3. If you want to move a message, scroll to the selected folder name and press **OK**.

Message settings

To access the message settings list:

1. Once in the *Messages* menu, scroll to *Message settings* and press **Select**.
2. Scroll to the setting you want to set and press **Select**.

There are two kinds of message settings in your phone: message profile specific settings and settings common to all text messages.


A message profile is a group of settings needed for sending text messages. The phone uses the settings *Message centre number*, *Messages sent as* and *Message validity* under the *Message settings* menu as a default message profile if you do not select another set when sending a message.

When, for example, you reply to a text message and select *Send* or when you write a text message and select *Send*, the phone automatically uses the default message profile.

You can also send a text message to a fax or to an e-mail address (if supported by your service provider) if you have defined a message profile with proper settings for fax or e-mail transmissions. See also 'Special sending options' on page 66.

Settings common to all text messages

The following message settings under the *Message settings* menu are common to all outgoing text messages, irrespective of the selected set.

- *Delivery reports*
You can request the network to send delivery reports on your text messages (network service). A delivery report is indicated by  in front of the message header.
- *Reply to you via same centre*
This network service allows the recipient of your text message to send you a reply message via your text message centre.

Setting for Message profiles¹

Within the *Message profiles* submenu of the *Message settings* you can change the settings of a particular message profile². Each of the message profiles has its own submenu with the following functions:

- *Message centre number*
With this submenu you can store the phone number of the message centre needed for sending text messages.
- *Messages sent as*
For normal text messages, select the option *Text*, for fax transmission, select the option *Fax*, etc. Note that you can only use the options *Fax*, *E-mail* and *Paging*, if your messaging service offers the facility to convert the text messages into these alternative formats. Contact your service provider for availability of this function.

1. The message profiles menu is only displayed if your SIM card supports more than one set. Each set appears in its own submenu and may have any name.
2. The number of sets depends on how many sets your SIM card offers.

- *Message validity*

This network service allows you to set the length of time that your text messages are stored at the message centre while attempts are made to deliver them.

- *Default recipient number*

The phone will suggest the number stored under this option as a default number for text message sending when this message profile is selected.

- *Message profile name*

Allows you to rename each message profile.

■ Call register (Menu 2)

Within this menu you can view and delete phone numbers registered by the phone, and view the approximate length and cost of your calls (network service).



In the options of the missed calls, received calls or dialled numbers you can:


- call the number
- save the number in the phone book
- view the date and time of the call
- view, edit or erase the number from the list

Note: The phone registers missed and received calls only if the network supports Calling Line Identification (CLI), and the phone is switched on and within the network's service area.

Missed calls (Menu 2-1)

This function allows you to view a list of the last ten phone numbers from which somebody has tried to call you with no success (network service).



Tip: When a note about missed calls is being displayed, press **List** to see the phone number. To call back immediately, press .


Received calls (Menu 2-2)

This function allows you to view a list of the ten phone numbers from which you have most recently accepted calls (network service).

Dialled numbers (Menu 2-3)

This function allows you to view a list of the ten phone numbers that you have most recently dialled, i.e. called or tried to call.



Tip: To quickly access the list of last dialled numbers, press  once when the phone is in the standby mode.

Erase recent call lists (Menu 2-4)

This function allows you to delete all the phone numbers which appear in Menus 2-1 '*Missed calls*', 2-2 '*Received calls*' and 2-3 '*Dialled numbers*'.

These phone numbers are also erased when you:

- switch on the phone with a SIM card inserted that is not one of the five SIM cards used most recently with the phone.

- change the 'Security level' setting (Menu 4-5-5).

Call duration (Menu 2-5)

This function allows you to view the duration of your incoming and outgoing calls in hours, minutes and seconds. You can also (by first entering the security code) clear the call timers. See 'Access codes' on page 122.



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

Call costs (Menu 2-6)

This network service allows you to check the cost of your last call or all calls. The call costs are shown separately for each SIM card. You can limit the costs of your calls to a certain amount of charging units or units of currency by using the option *Call cost limit*. 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 the standby mode. You may need the PIN2 code to set the cost limit. You can set the phone to show the remaining talk-time (cost limit) in terms of charging units or units of currency by using the option *Show cost*. You may need the PIN2 code to select the currency or unit. Contact your service provider for charging unit prices. The option *Clear counters* allows you to reset the call cost counters. To clear the counters you need the PIN2 code. See 'Access codes' on page 122.



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

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

■ Profiles (Menu 3)




Within the *Profiles* menu, you can adjust and customise the phone tones for different events, environments and caller groups. Most profiles can also be set on for a certain period of time.






Note: You can also change the profile by pressing the power key and selecting the required profile with the scroll keys. It is not possible to select Timed profiles via pressing the power key.

Activating a user profile

If you want to change the currently selected profile (*General* as default):

1. Press  quickly in standby mode.
2. Scroll with  or  to the profile you want to activate and press **OK**.

OR

1. Press **Menu**, scroll to *Profiles* and press **Select**. Scroll with  and  to the profile you want to activate and press **Options**. Confirm the activation of the profile with **OK**.
2. Select *Continuous* if you want to activate the selected profile for an indefinite time. The chosen profile remains active until you activate another profile.
3. Or select *Timed* if you want to set an expiry time for the profile (within the next 24 hours). In standby mode a timed profile is displayed with a clock indicator .

Note: You must set the phone's clock before you can time a profile. See 'Set the time (Menu 10-3-2)' on page 107.

4. Enter the value in hours and minutes after *Expiry time*.
5. Confirm the given time value with **OK**.

Note: If you switch the phone off or connect it to the car kit or to the headset the timed profile is terminated.

Customising Profiles

1. Press **Menu**, scroll to *Profiles* and press **Select**. The following list of options appears: *General, Silent, Meeting, Outdoor, Pager, Handsfree, Headset*.

Note: *Handsfree* and *Headset* will not appear in the *Profiles* list unless the CARK111 car kit or the HDC-9P headset are connected to your phone. However, the settings for the *Handsfree* and *Headset* will remain in the menu once connected.

2. Scroll to the desired profile and press **Options**.
3. Select *Personalise* and press **OK**.

Note: When the phone is connected to the car kit CARK111 or to the headset HDC-9P, the *Activate* function will not be available.

4. Scroll to the setting you want to customise and press **Select**.
5. Scroll to the desired option and press **OK**.

Settings you can personalise

Once you have selected the option *Personalise*, you can customise the following settings of the selected profile:

- *Incoming call alert* to define how the phone notifies you of an incoming voice call. The options are: *Ringing, Ascending, Ring once, Beep once* and *Off*.

When *Incoming call alert* is set to *Off*, no ringing tone or other alert tones will be heard. This silent mode is indicated by 📵, however, in Silent and Meeting profiles only.



- *Ringing tone* to set the ringing tone type for voice calls.



Tip: You can also receive ringing tones via OTA. You can store five ringing tones at a time in the ringing tone list.

- *Ringing volume* to set the volume level for the ringing and message alert tones.
- *Vibrating alert* to set the phone to vibrate at an incoming voice call and at incoming text message. The vibrating alert does not work when the phone is connected to a charger or desktop stand.
- *Message alert tone* to set the ringing tone type for text messages.
- *Keypad tones* to set the volume level for keypad tones or to set the keypad tones off.
- *Warning tones* to set the warning tones on or off. For example, when set to on, the phone sounds a warning tone when the battery is running out of power.
- *Automatic answer* (in *Handsfree* and *Headset* profiles only) to set the phone to answer an incoming voice call after a few seconds.



Note: This function can only be used when your phone is connected to a headset or to a car kit equipped with the ignition sense option, with the ignition switched on.

- *Alert for* to set the phone to ring only upon calls from phone numbers which belong to a selected caller group. Use the scroll keys  or  to reach the desired group and press **Mark**.

To set a ringing tone and a group graphic for a caller group, see page 45.

Renaming profiles

You can rename the profiles to your personal liking except for the *General*, *Handsfree* and *Headset* profiles.

1. Press **Menu**, scroll with  or  to *Profiles* and press **Select**.
2. Scroll to the profile you want to rename and press **Options**, then scroll to *Rename* and press **OK**.
3. Enter the new name and press **OK**. To enter letters, see 'Storing names and numbers' on page 41.

■ Settings (Menu 4)



Call settings (Menu 4-1)

Automatic volume control (Menu 4-1-1)

Automatic volume control (AVC) controls the earpiece's volume level according to the environment noise level. If the environmental noise and/or level of received speech increases or decreases, AVC changes also the earpiece's volume level accordingly and keeps the volume at a right level respectively.

Automatic volume control can be activated by using menus or you can select it during an active call.

Note: AVC on/ AVC off setting during an active call affects only the current call.


Note: The usage of Automatic volume control is possible only in handportable mode. If you are using the phone in any other modes (for example in Headset mode or in Handsfree mode) the options AVC on/ AVC off cannot be selected during a call under **Options** or through the menu.

Activating Automatic volume control via a menu

1. Press **Menu**, first select *Settings*, then *Call settings*.
2. Select *Automatic volume control*.
3. Choose either *Off* or *On*. The default is *Off*.

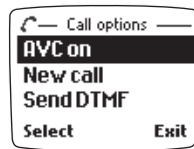
Activating Automatic volume control during a call

1. Press **Options** during an active call.
2. Select **AVC on** if you want to activate the AVC or select **AVC off** if you want to turn the automatic volume control off.



If you increase the volume level during an active call by pressing , the phone's volume level increases regardless of AVC being on or off.

When you end the call, the volume level returns to the level previous to AVC adjustment.

Note: If AVC has changed the volume level and you deactivate the AVC during a call, the volume level stays at the level the AVC has adjusted it to.






Anykey answer (Menu 4-1-2)

When this function is set on, you can answer an incoming call by pressing any key briefly, except  and . The facility to answer a call by pressing **Reject** is not available when this function is on.

Automatic redial (Menu 4-1-3)

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

Speed dialling (Menu 4-1-4)

When this function is set to on, the names and phone numbers assigned to the speed dial keys  to  can be dialled by pressing and holding the corresponding number key. Note that pressing and holding the  key dials your voice mailbox number.

Call waiting service (Menu 4-1-5)

When this network service is activated, the network will notify you of a new incoming call while you have a call in progress. See 'Call waiting' on page 37.

Line for outgoing calls (Menu 4-1-6)

The SIM card may be used with two subscriber numbers i.e. with two phone lines. Within the menu 4-3-5, you can select the desired line for making calls. You can also prevent the line selection. For more information on availability, contact your network operator or service provider.

If you select line 2 and have not subscribed to this network service, you will not be able to make calls. However, calls on both lines can be answered regardless of the selected line.

You can prevent this menu function from being used by selecting the option **Lock** from the option list.



Tip: You can switch from one line to the other by pressing and holding **#** in the standby mode.

Summary after call (Menu 4-1-7)

When you set this function to on, the phone will briefly display the approximate duration and cost (network service) of the last call.

Fax or data call (Menu 4-1-8)

Within this menu, you can make a fax or data call. Before using this function you need to activate the IR port of your phone within the Menu 9 or to connect your phone to a compatible device (for example, a fax machine).

Own number sending (Menu 4-1-9)

This network service allows you to set your phone number either to be displayed or hidden from the person you are calling. **Set by network** resets the phone to the default setting, **On** or **Off**, that you have agreed upon with your service provider.

Note: The numbering of the *Summary after call*, *Fax or data call* and *Own number sending* menus may vary depending on whether your SIM card supports the *Line for outgoing calls* function or not.

Phone settings (Menu 4-2)

Language (Menu 4-2-1)

Within this menu you can select the language in which the display texts will be shown. If the setting *Automatic* is selected, the language used is chosen based on the current SIM card.

Language setting also affects the time and date formats of the following functions: *Alarm clock* (Menu 10-2), *Time settings* (Menu 10-3), *Calendar* (Menu 8), *Task journal* (Menu 9).

Cell info display (Menu 4-2-2)

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 (network service).

Welcome note (Menu 4-2-3)

This menu allows you to set the message that is shown briefly when the phone is switched on.

Network selection (Menu 4-2-4)

The network to which you are connected can be selected either automatically or manually.



In *Automatic* mode the phone automatically selects one of the cellular networks available in your area; the selected network can be GSM900 or GSM1800.

In *Manual* mode the phone will show a list of the available networks and you can select the network you wish to use if this network has a roaming agreement with your home network operator. If no such agreement is in force, the text *No access* will be displayed and you must select another network. The

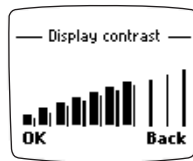
phone will stay in manual mode until the automatic mode is selected or another SIM card is inserted into the phone.

Display contrast (Menu 4-2-5)

You can adjust the display contrast with this menu. There are ten (10) possible contrast levels.

1. Select *Display contrast* under *Phone settings*.
2. Adjust the display contrast by scrolling with  or .

The contrast bar on the phone's display indicates the actual display contrast.



Confirm SIM service actions (Menu 4-2-6)

Within this menu you can set the phone to show you the confirmation messages sent between your phone and the network when you are using the SIM services by selecting the option *Asked*. See 'SIM services (Menu 14)' on page 119.

Keylock settings (Menu 4-3)

When the keypad is locked,  appears at the top of the display.

Note: When the Keypad lock is on, calls may be possible to the emergency number programmed into your phone, (e.g. 112 or other official number).

Automatic keylock (Menu 4-3-1)

The automatic keypad lock is a user selectable feature. It functions in principle like a screen saver on your PC. You can set time delay and when that time is up the keypad is locked automatically preventing accidental keypresses.

1. Select **On** if you want to select the automatic keypad lock.
2. Give the time entry in minutes and seconds after **Delay time** appears on the display. The default is 01:00. The maximum time entry for the delay is 60 minutes and the minimum entry 10 seconds.

The automatic keyguard activates if:

- phone is in standby mode and a user selectable time delay expires.

Keylock code (Menu 4-3-2)

You can use keylock code to prevent the unauthorised use of your phone. The default code is 0000.

Note: Before activating the keylock code make sure that the PIN code request is also set on.

If you set the keylock code by pressing **On** this is confirmed with the note **Keylock code activated**. You need to enter the required code in the standby mode to unlock the keypad.

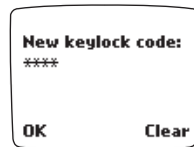
Note: To unlock your keypad, press in standby mode **Unlock** and then key in the four-digit keylock code. If you enter an incorrect keylock code five times in succession, the phone prompts you to enter the PIN code instead. After entering the PIN code, you can change your keylock code (Menu 4-3-3).

Change keylock code (Menu 4-3-3)

If you want to change the old or default code to a new one, use this submenu.

1. Enter the new four-digit keylock code and press **OK**.
2. Verify the given code.

Note: Despite the keylock code you can answer a call and use other keys as usual during the call. The keypad lock is reactivated once the call is finished.



If you want to take the default code into use again, you must select *Restore factory settings* (Menu 4-6).

Communication settings (Menu 4-4)

Info service (Menu 4-4-1)

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 relevant topic numbers, contact your service provider.

By setting this menu to *On*, you will receive messages on the active topics. You can edit the list of topics, and mark a topic active or inactive.

Topic index retrieves a list of available topics from the network. By selecting *Topics*, you can add a topic into the topics list. Key in the topic number and name. You can also edit or erase the topic list.

Select *Language* to set the language for the messages. Only messages in the selected language are shown.




Tip: You can save info service messages in the *Archive* folder or in one of the user-specified folders.

Listen to voice messages (Menu 4-4-2)

When you enter this submenu, the phone automatically calls your voice mailbox at the phone number stored in Menu 4-4-3. Note that the voice mailbox is a network service and you may need to subscribe to it first.

When the display text above the left selection key is **OK**, press the key to call your voice mailbox number.



Tip: To quickly call your voice mailbox, press and hold  when in the standby mode or in menus.

Voice mailbox number (Menu 4-4-3)

Within this submenu, you can store and edit your voice mailbox number. Voice mailbox is a network service. For more information and for the voice mailbox number, contact your service provider.

Service command editor (Menu 4-4-4)

From this submenu you can send service requests (also known as USSD commands), for example activation of network services commands, to your service provider. For more information, contact your service provider.

Security settings (Menu 4-5)

Your phone is equipped with a versatile security system to prevent unauthorised use of the phone or the SIM card. See also 'Access codes' on page 122.

PIN code request (Menu 4-5-1)

You can protect your SIM card by setting the phone to ask for your PIN code every time the phone is switched on. To do this, you need to set the menu *PIN code request* to *On*. You will need the PIN code to turn this request function on. The PIN code is usually supplied with the SIM card. If not, contact your service provider. You can change your PIN code in the Change of access codes menu (4-5-6).

Note: If you enter an incorrect PIN code three times in succession, the SIM card is blocked and you need to enter the PUK code to unblock the SIM card. See 'Access codes' on page 122.

Note: Some SIM cards do not allow the PIN code request to be turned off.

Call barring service (Menu 4-5-2)

This network service allows you to restrict incoming calls to and outgoing calls from your phone. A barring password is required for using this function.

You can select one of the following call restrictions:

- *Outgoing calls* to bar all outgoing calls.
- *International calls* to bar all calls to abroad when in the home country.
- *International calls except to home country* to bar all international calls except to calls to the home country when abroad.
- *Incoming calls* to bar all incoming calls.
- *Incoming calls when abroad* to bar all incoming calls when abroad.

For each of the above settings you can select *Activate*, *Cancel* or *Check status* (to show barred call types).

Within the submenu *Cancel all barrings* you can cancel all call restrictions.



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 (Menu 4-5-3)

This service restricts your outgoing calls to selected phone numbers, if this function is supported by your SIM card. To save and edit the numbers on the list, you will need to have the PIN2 code.



Note: When Fixed Dial Option 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 (Menu 4-5-4)

This network service specifies the group of people whom you can call and who can call you. *Preset* resets the phone to use a user group the SIM card owner has agreed upon with the service provider. A closed user group is indicated by the icon . For further information contact your network operator or service provider.



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).

Security level (Menu 4-5-5)

You can protect your phone against unauthorised use with the security code (security code). To do this, you need to set the menu function *Security level* to *Phone* or *Memory*. When set to *Phone*, the phone will ask for the security code when the SIM card inserted is not one of the five SIM cards used most recently with the phone. When set to *Memory*, the security code is required to enter the phone's internal phone book. The security code is also required for using some functions, for example, to clear a phone book or to restore the factory settings. The security code is usually supplied with the phone (on an identification sticker). If not, contact your local dealer. The factory setting for the security code is 12345. Change the code within the menu 4-5-6 *Change of access codes*. Keep the new code secret and in a safe place which is separate from the phone.

Note: If you enter an incorrect security code five times in succession, the phone is blocked and will not accept the correct security code for the next five minutes.



Tip: You can also restrict calls made from or to your phone if supported by your network. See also *Call barring service* (4-5-2), *Fixed dialling* (4-5-3) and *Closed user group* (4-5-4) in the Settings section



Note: When you change the security level, all the recent calls lists are cleared.

Change of access codes (Menu 4–5–6)

With this menu you can change the access codes: security code, PIN code, PIN2 code and barring password. These codes can only include the characters 0 to 9. The phone prompts you to enter the current code and the new code. It also prompts you to verify the new code by entering it again.



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

Restore factory settings (Menu 4–6)

You can reset some of the menu settings to their original values. The security code is needed for this function.

■ Call divert (Menu 5)

This network service allows you to direct your incoming calls to another number (for example, to your voice mailbox number). For details, contact your service provider.



Within the Menu 5 you can select one of the following diverts:

- *Divert all voice calls*. All voice calls are diverted and no ringing tone is played at an incoming call.
- *Divert if busy*. Voice calls are diverted when your number is busy.






Tip: If *Divert if busy* is activated, rejecting an incoming call will also divert the call.

- *Divert if not answered.* Voice calls are diverted when you don't answer a call within the pre-set timeout.
- *Divert if out of reach.* Voice calls are diverted when your phone is switched off or outside of the network service area.
- *Divert if not available.* Voice calls are diverted when your number is busy, when you don't answer a call, and when your phone is switched off or outside of the network service area.
- *Divert all fax calls.* All fax calls are diverted.
- *Divert all data calls.* All data calls are diverted.

Select the option *Activate* to set the divert setting on if allowed by the network, *Cancel* to set the divert setting off or *Check status* to check whether the divert is activated or not.

To cancel all divers, select the submenu *Cancel all divers*.



Tip: The icon  is shown in the standby mode when you have activated the *Divert all voice calls*. If you have two phone lines, the divert icon for your first line is  and for the second line is .

■ Games (Menu 6)

Your phone offers you three games to play: *Snake II*, *Opposite* and *Pairs II*.



Settings allow you to set the lights and sounds on or off for a game.



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

To start a new game





1. Press **Menu**, scroll to *Games* and press **Select**.
2. In *Pairs II*, select first either *Time trial* or *Puzzle* and then the option *New game*.
In *Opposite*, select the option *New game* and in *Snake II* select the *1 player* option.

To start a 2-player game

You can also play *Snake II* as a 2-player game via the IR port of your phone with a person who has the same game on a compatible phone. Before starting the 2-player game, ensure that the IR ports of the two phones are pointing at each other. See 'Infrared (Menu 12)' on page 109.

To start the game both players should select the option *2 players*.

Game options

- *New game* starts a new game session.
- *Level* allows you to set the level of difficulty for the selected game. Select the desired level with  or  and press **OK**.
- *Instructions* shows a help text on how to play the game. Scroll through the text with  or .
- *Top score* shows the highest score (in *Snake II* and *Pairs II* only).
- *Continue* allows you to resume a paused game.
- *Last view* shows the final view of the game immediately after the game has ended.

■ Calculator (Menu 7)








The calculator in your phone adds, subtracts, multiplies, divides, and converts currency values. This calculator has a limited accuracy and rounding errors may occur, especially in long divisions.



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


Using the calculator

1. Press **Menu**, scroll to *Calculator*, and press **Select**.
2. When '0' is displayed on the screen, enter the first number in the calculation. To change the sign, press **Options**, scroll to *Change sign* and press **Select**.
To add a decimal, press .
3. To add, press  once (+ will appear).
To subtract, press  twice (- will appear).
To multiply, press  three times (* will appear).
To divide, press  four times (/ will appear).
Alternatively, press **Options**, scroll to the desired options, and press **Select**.
4. Enter the second number. Repeat these steps as many times as necessary. Press **Clear** to erase any mistakes.
5. For a total, press **Options**. Scroll to *Equals* and press **Select**.
6. To start a new calculation, first press and hold **Clear**.

Currency conversion

After setting the exchange rate in the Calculator you can convert currencies with your phone either in *Calculator* or in standby mode.

In standby mode, enter digits and select **Options** and then either *In domestic* or *In foreign* depending on which value you require.

Note: In standby mode you find the decimal point under , if needed. You can also use the asterisk (*) which functions like a decimal point.

When you key in a number in the standby mode you can create a call with the number or by pressing **Options** you get the following selection list:

Save

*Add to name*¹

Send message

Call

In domestic

In foreign

Setting the exchange rate in Calculator

1. Select *Calculator*.
2. Press **Options** and choose *Exchange rate*.
3. Select either *Foreign unit expressed in domestic units* or *Domestic units expressed in foreign units*.

1. This item shows only if the phone's internal memory is being used.

4. Set the required exchange rate.

The currency exchange rate is stored permanently in phone's memory.

■ Calendar (Menu 8)



The calendar helps you to keep track of reminders, calls that you need to make, meetings, and birthdays. The phone sounds an alarm tone when the set date for a meeting, birthday or a call is reached.



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

Calendar views

Day view

The day view shows the date and the icon(s) for each note type you have set for the day. See 'Adding a calendar note' on page 93.

To access the day view, press **Menu**, scroll to *Calendar* and press **Select**.

Note view

The note view allows you to view the details of the selected note.

To access the note view:

When in the day view, press **Options**, scroll to *View day notes* and press **Select**.

Week list

The week list allows you to scroll the calendar week by weeks.

To access the week list:

1. When in a day view, press **Options**.
2. Scroll to *View by weeks* and press **Select**.



Options list of calendar views

The option list of calendar views includes options for making a note and for sending a note via the text message service or via IR.

The option list for day view and note view also includes options for erasing, editing, repeating and moving a note. For notes of type *Meeting*, *Call* and *Memo*, there is also an option for copying the note to another day and for repeating the note (every day, every week, biweekly or every year).

The *Settings* option allows you to set the date, time, date format, time format and week format for the calendar. The option *Auto erase* allows you to set the phone to delete old notes automatically after a specified time. However, the repeat notes (for example, birthday notes) will not be deleted.

Adding a calendar note

1. Once in the *Calendar* menu, scroll with  or  to the desired date.
2. Press **Options**, scroll to *Make a note* and press **Select**.
3. Scroll to one of the following note types and press **Select**. For entering letters and numbers, see 'Storing names and numbers' on page 41.

- *Meeting* ()

Enter the note and press **OK**. Then enter the time and press **OK**.

- *Call* ()



Enter the desired phone number (or search for it from the phone book) and press **OK**. Then enter the desired name (or search for it from the phone book) and press **OK**. Repeat this with the time.


- *Birthday* (🎂)

Enter the person's name and press **OK**, then repeat the same with the date of birth and year of birth (optional). If you enter the year of birth, the note shows the person's age after the name.


- *Memo* (📝)

Enter the note and press **OK**.


4. Scroll with  or  to the desired alarm option (except for the *Memo*) and press **Select**.

The presence of a tone alert is indicated by  when you view the notes.



Tip: When you are in the day view or week list, you can quickly go to today's view by pressing .

When the phone alarms for a note

The phone flashes its lights, beeps, and displays the note. With a *Call* note on the display, you can call the displayed number by pressing . To stop the alarm and view the note, press **View**, to stop the alarm without viewing the note, press **Exit**.

■ Task journal (Menu 9)

The Task journal is like a timecard used for keeping track of working times and costs, and also for storing various comments. The Task journal uses time and date formats of Calendar (see page 92) and Real-time clock (see page 103).



Note: You can send Task journal data to another phone as a text message or transfer data to a compatible PC via a cable or using infrared function.



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

After selecting Task journal (Menu 9) you have the following options:

- *Restart*, *Add new*, *Find*, *Edit*, *Erase* and *History*

If the Task list is empty, the only option to view and to select is *Add new*.

Note: If the phone is switched off during an active task, the task is not stopped; task journal timer continues to run in the background. Also, if the phone is powered off due to a low battery, the task journal timer continues to run as long as there is enough power to keep the phone's main clock running.

Restart (Menu 9-1)

With this submenu you can restart the existing task. If the Task list is empty this option is not available.

- Select *Restart*, scroll to the desired task and press **Start**.

The task is started and a new entry is created.

The Active work view is displayed.

Add new (Menu 9-2)

This submenu allows you to add a task to the Task journal.

1. Key in the name or other identification data after *Title:* and *Customer:*
Maximum length of an entry is 20 characters.
2. Confirm the given entries with **OK**.

The first entry of the new task is started and the phone moves to the active work view.

Note: If there is no free space in the memory, *Memory full. Erase old task?* is displayed.

Find (Menu 9-3)

With this submenu you can search for previous tasks by title, by customer .

If you select *By title*, you need to enter the name or a part of it for the search operation. Or you can press **OK** to get the list of tasks.

The first matching item is highlighted. If there are no matches, the list starts with the closest match.

- If the search is done *By title* the remaining tasks appear in alphabetical order below the first one.
- If the search is done *By customer* only the tasks of a particular name are shown.

Edit (Menu 9-4)

With this submenu you can edit both the title and customer name of a particular task. After you have chosen this submenu the phone displays the Task list, and you can select the item you wish to edit.

Erase (Menu 9-5)

There are two different ways to erase a task:

- *One by one* deletes one item at the time from the Task list.
- *All tasks* deletes all the existing tasks at once.

Both deletions must be verified with **OK**.

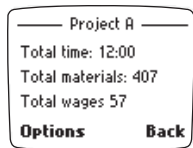
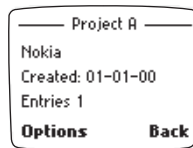
History (Menu 9-6)

Within this function you can view the history of tasks.

1. Select *History* from the Task journal main menu.
2. Select from the Task list the task you wish to examine.

After a particular task is selected, the phone turns to a History view. The History view contains the following data:

- Title of a particular job or task
- Customer name
- *Created*
- *Entries*
- *Total time*
- *Total wages*
- *Total materials*
- *Total costs*
- *Comments*





If you need more detailed information or if you want to send data to another phone, or erase something, press **Options** in this view.

Details

This view shows each entry of a particular item in chronological order. The date of entry, the number of the current entry and the total number of entries are shown at the top of the display. Other information includes:

- *Task time*
- *Wages*
- *Materials*
- *Costs*

You see the next entry for the current item if scrolling with  or . More detailed information on tasks can be found, if you press **Options**.

Timetable

You see the working times in detail by selecting *Timetable*.

Started

Paused

and / or

Started

Stopped

View wages

You see the wages in detail by selecting *View wages*. The phone displays the following information:

Hours

Rate

Total

View materials

You see the costs of used materials in detail by selecting [View materials](#).

The following view with the entered information appears:

Amount

Cost

Total

Each of these views contains information about one entry only.

View comments

You can read any comments written for the current entry. If you select **Options** you can edit given comments, send them to another phone as a text message .

Send as SMS

With this option you can send history data from the Task journal to another phone as a text message. The content of data depends on where in the Task journal the sending option was selected.

Transferring Task journal data to a PC using a cable

If you use a cable for transferring Task journal data:

- Connect the DLR-3P cable to the serial port on the back of a compatible PC.
- Connect the DLR-3P cable to your phone.

Start using the Task journal PC-connectivity program available through the Nokia website (www.nokia.com).



Note: Making or answering phone calls during a PC connection is not recommended as it might disrupt the operation.

Transferring Task journal data to a compatible PC via infrared

You can also transfer Task journal data from your phone to a compatible PC via infrared function with the help of the Task journal PC-connectivity program which is available through the Nokia website (www.nokia.com). However, it is not possible to receive Task journal data through the infrared. See 'Infrared (Menu 12)' on page 109 for more information.

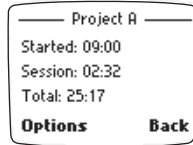
Active work view

Active work view is shown when a task is active in the Task journal. Likewise, the timing starts in this view.

The active work view contains the following information:

- title of your task
- starting time of the current entry
- duration of the current entry
- total work time

If you select **Options** you can pause or stop the task, add cost or comment, find another task or view the history of a task.



Pause task

When the task is stopped by using **Pause** you can resume it later. The text **Paused** blinks on the display and the timer stops, but it is not cleared.

To carry on with the same task, Select **Options** and then **Continue**.

After pausing the task you can also stop the task, add cost information or a comment to it or view its history.

Stop task

1. Press **Stop** if you wish to end the task.
2. Confirm with **OK**.
This stops the timer and ends the current entry. The task is saved.

The summary of this entry is displayed:

- *Duration*
- *Wages*
- *Materials*
- *Comments*

If you select **Options** you can still add cost or a comment, restart the task or send the data to another phone. If any information is added to the entry, the phone returns to the updated summary view afterwards.

Add cost

You can also enter cost information in the active work view.
The maximum entry is 9 digits with two decimals.

1. Select *Wages* and the text *Hourly wage:* appears.
2. Key in the wage.
3. Confirm the value with **OK**.

The entered data can be viewed on the display:

- *Hours* for showing the duration of the current entry up to that specific moment
- *Rate* for showing the hourly wage
- *Total* for showing the current summary of wages

By selecting *Material* you can add material costs to total costs.

1. Enter a name or other identification of the part in question after *Material id:* and press **OK**.
2. Give the amount of used parts.
3. Key in the price of one piece after *Price:* and press **OK**.

The following information is displayed:

- *Amount*
- *Cost*
- *Total* for showing the summary of costs in the current addition

Add comment

You can store comments or make notes by selecting *Add comment*. The length of the comment is limited to 40 characters.

Press **Clear** if you want to delete the written text.

Press **Save** if you want to keep the text.

■ Clock (Menu 10)




Stopwatch (Menu 10-1)



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

You can measure time with your phone using the stopwatch. With the stopwatch it is possible to measure time, take intermediate times or lap times.

If you press  during the stopwatch timing, your phone returns to the standby mode and the timing moves to the background. You can use the phone as usual.

The timing is also moved from the display to the background if there is:

- incoming call
- battery low note
- recharge battery note
- other types of special messages

Note: Using the stopwatch consumes the battery and the phone's operating time will be reduced. Therefore, to maximize the operating time of your phone, it is recommended not to let it run in the background (i.e. when performing other operations with your phone) when you don't need it.

Split timing

You can start measuring time by selecting *Menu-Clock-Stopwatch-Split timing*. The phone displays an initial state, and the initial value is shown in big digital numbers 00:00:00:0.

1. Press **Start** and the clock starts running.
2. Press **Stop** when you want to finish.

When timing is stopped, the result is shown on the display.



Note: If timing exceeds the value of 99:59:59:9, the time on the display changes to 00:00:00:0 and the clock keeps running.

By pressing **Options** you can restart, save, reset and exit the timing function. If you start the timing anew by pressing *Start*, time keeps running cumulatively instead of restarting at zero. If you select *Exit*, the phone returns to the standby mode. If the stopwatch was not reset, there is an active item *Show last* on the selection list.

Intermediate times

1. Press **Start**.
2. Press **Split** when you want to see an intermediate time.

Time keeps running as usual but also the newest intermediate time is displayed under the running time.

Intermediate times are shown in smaller font than the running time. Three intermediate times can be viewed simultaneously with the running time. If there are more of them, you can view them by scrolling with  or . Timing stops when you press **Stop**.





Lap timing

This function is started by selecting *Lap timing* from the Stopwatch main menu.

1. Press **Start** and the clock starts running.
2. Press **Lap** when you want to see the lap time.

By pressing **Lap**, timing stops and then restarts immediately at zero. The newest lap time is displayed under the running time.

Three lap times can be viewed simultaneously with running time on the phone's display. Scroll with  or  to view any further lap times. When you press **Stop** timing stops and the total time is shown as a result.

Note: If you select *Split timing* or *Lap timing* from the **Options** list while there is timing going on in the background, the confirmation note *Discontinue previous?* appears.

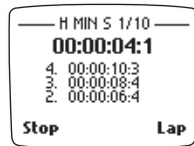
Saving or resetting times



1. Press **Options** and then select *Save* from the list.
2. Key in the name for the time value after *Name:*
The maximum number of characters is 10.
3. Confirm the given name with **OK**.

To reset the times: After selecting *Reset* from the list of options, confirm the resetting with **OK**. The phone returns to the initial state where the initial value 00:00:00:0 is shown.

Viewing times

You can see saved times by selecting *View times*. The named time sets are listed on the display.



If you select a particular time set, you can view its times. Intermediate and lap times are displayed in a smaller font underneath the final time. Scroll with  or  to view any further times.

In this view, you can erase times by selecting **Options** and then *Erase times*.

Deleting times

You can delete times from the stopwatch memory by selecting *Erase times* from the Stopwatch main menu. It is also possible to erase times by selecting this function under **Options**.

You can erase times one by one or all times at once. In either way the phone still prompts you to confirm the deletion with **OK**.


Note: If you try to erase a time when there are no more time sets, the phone displays the note *Stopwatch memory empty*.

Stopwatch memory

The memory reserved for stopwatch times is limited. The maximum number of stopwatch times is 250. The stopwatch memory stores its content also when the phone's power is switched off.

Alarm clock (Menu 10-2)

You can set the phone to alarm at a specified time within the *Alarm clock* menu (Menu 10-2). To access this submenu, press **Menu**, then select first *Clock*, then *Alarm clock* and press **Select**.

The alarm clock uses the time format set for the clock: i.e. 12-hour or 24-hour format. In the standby mode, the  indicator in the header line shows that the alarm is set to *On*. You can switch the phone off and the alarm clock will still work.

When the alarm expires:

The phone will sound an alert tone. When the phone is alerting, *Alarm!* is also shown and the phone's lights flash.

Press **Stop** to stop the alarm. If you let the phone alarm for a minute or press **Snooze**, the alarm stops for a few minutes and then resumes.

Note: If the alarm time expires while the phone is switched off, the phone starts alarming. If you press **Stop**, the phone asks if you want to activate the phone for calls. Press **Yes** to register or **No** to keep the phone switched off.



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

Time settings (Menu 10-3)

The phone is provided with a clock. The current time is shown on the display if you have selected *Show clock* option. The clock will not show if you are in the phone book or in menu functions.



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

Show clock / Hide clock (Menu 10-3-1)

With this menu you can either show or hide the clock.

Set the time (Menu 10-3-2)

1. Once in Menu 10-3-2, press **Select**.
2. Enter the present time and press **OK**.

Time format (Menu 10-3-3)

This submenu allows you to select the 12-hour or 24-hour time format. Scroll to either format and press **OK**.

The clock also serves the following functions: *Messages* (Menu 1), *Call register* (Menu 2), *Alarm clock* (Menu 10-2), *Calendar* (Menu 8) and *Task journal* (Menu 9).

Note: If the battery is removed from the phone for a long time, you may need to set the time again.

■ Sound meter (Menu 11)

The Sound meter is not intended for professional use.

It is rather a fun feature providing you with the means to measure the estimated noise level of your surroundings.



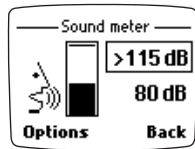
Note: Your phone must be switched on to use this function. Do not switch on the phone when the use of a wireless phone is prohibited or when it may cause interference or danger.

The phone displays a vertical meter bar that shows the noise level graphically. There is also a numerical presentation of the sound level. The peak value is shown in a frame on the top and the current value is presented underneath. The unit of these numerical values is the decibel (dB).

Note: It is not possible to measure the estimated noise level of a call in progress.

Please note that the Sound meter in your phone is NOT a professional precision instrument. It can only display an approximation of the real dB level.

The Sound meter of your phone measures the sound level in frequencies between 300Hz and 3400Hz, meaning approximately the frequencies that are most important for the speech intelligibility and are



conveyed through the GSM system in a normal call. Noise beneath and above those frequencies will not be measured.

When you press **Options** you get a list of three:

- *Reset*
- *Hold*
- *Dynamic*

With *Reset* you can reset the peak value.

With *Hold* both values are shown but the peak value is updated only when the current noise level is greater than the current peak value.

With *Dynamic* both values are shown but the peak value is valid only for 5 seconds.

Note: Using the sound meter consumes the battery and the phone's operating time will be reduced considerably. It is recommended not to use the sound meter when not needed.

■ Infrared (Menu 12)

In this menu you can set up your phone to receive data through its infrared (IR) port. To use an IR connection, the device with which you want to establish a connection must be IrDA compliant. You can send or receive data such as business cards (names and numbers stored in the phone book) and calendar notes to or from a compatible phone or data device (for example, a computer) via the IR port of your phone.



You can send Task journal data via the IR port to a compatible PC with the help of the Task journal PC-connectivity program which is available through the Nokia website (www.nokia.com). It is not possible

to send Task journal data to another phone via infrared, though. You can not receive Task journal data from a PC.



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

To send and receive data via IR

1. Ensure that the IR ports of the sending and receiving devices are pointing at each other and that there are no obstructions between the devices. The preferable distance between the two devices in an infrared connection is one meter at most.
2. When receiving data via IR, activate the IR port of your phone by entering the *Infrared* menu (Menu 12).
3. The user of the sending phone selects the desired IR function to start data transfer.

If data transfer is not started within two minutes of activation of the IR port, the connection is cancelled and has to be started again.

Note: Your phone is a Class 1 Laser Product.

Checking the status of an IR connection

The status of an IR connection is indicated by $\text{P}^{\text{---}}$.

When $\text{P}^{\text{---}}$ is shown continuously, the IR connection is activated and your phone is ready to send and receive data via its IR port.

When $\text{P}^{\text{---}}$ is not shown, no IR connection exists.

When $\text{P}^{\text{---}}$ blinks, your phone is trying to connect to the other device or a connection has been lost.

■ Mobile Internet Services (WAP)



Various WAP (Wireless Application Protocol) service providers on the Internet maintain web pages specifically designed for mobile phones, offering services such as banking, news, weather reports, flight times, etc.

Note: Check the availability of WML- based services, pricing and tariffs with your network operator and/or the WAP service provider. Service providers will also give you instructions on how to use their services.

These web pages use a Mark-Up language called WML (Wireless Mark-Up Language). Web pages using the Mark-Up language HTML (Hyper Text Mark-Up language) cannot be viewed on your phone.



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

You can access WAP services via the [Services](#) menu (Menu 13) after you have stored the settings required to access a service.

Setting up the phone for the WAP services

Before you can access WAP services you need to store the required connection settings of a WAP service, from which you can visit the WAP pages they offer.

You get the connection settings from WAP service providers. They may send you the settings as a text message or you should key in the settings manually.

You can store the connection settings under one of the five sets in your phone. Each connection set contains the required settings for one WAP service and you need to store the settings for each WAP service only once.

Saving the settings received as a text message

When you receive the connection settings as a text message, you will see the message *Service settings received* on your display.

- To store the received settings, press **Options**, and scroll to *Save*.
- If you want to view the settings first, press **Options**, and scroll to *View*. The name and the homepage address of the received setting are displayed. Press **Save** to store the settings or **Back** to return to the option list.

Keying in the settings manually

Note: You get the settings from WAP service providers. They will give you more specific information.

1. Press **Menu**; scroll to *Services* and press **Select**.
2. Scroll to *Settings* and press **Select**.
3. Press **Select** when *Connection settings* is displayed.
4. Scroll to a connection set and press **Options**.
5. Scroll to *Edit* and press **Select**.

The settings are:

- *Homepage* - write the homepage address of the connection set
- *Connection type* - select *Continuous* or *Temporary*
- *Connection security* - select *On* or *Off*.

Note: When the connection security is on, the phone tries to use a secure line when a service is activated. If a secure line is not available, the connection will not be made. If you wish to connect anyway, with a non-secure connection, you must set the connection security to *Off*.

- *Bearer* - select *SMS* or *Data*. The speed and cost differs according to the bearer you select. For pricing and more information, contact the WAP service provider.

Key in the settings listed below as instructed by the service provider.

SMS selected as the bearer

Server number

Service number

Data selected as the bearer

Dial-up number

IP address

Authentication type - select *Secure* or *Normal*

Data call type - select *Analogue* or *ISDN*. You can select a fixed data call type which also effects the data call speed. When *ISDN* is selected, the data call speed includes only the options *9600* and *14400* bps.

Data call speed - Automatic selects the data call speed automatically but this is not possible if *ISDN* has been selected as the data call type. The speed of the data call depends on the service provider.

User name

Password

Editing the settings

There is space for five connection sets in your phone. To add a new set you have to overwrite an existing stored set if the five sets are already being utilized. By selecting the option *Rename*, you can rename the connection set.

You can choose whether images are shown or not and how the text is shown on the display when you are browsing a WAP page. In some cases WML pages may have text wrapping set to off (that is, lines are cut when there is no more space on the line) as a default; select *On* to see the whole text.

1. Press **Menu**, scroll to the *Services* and press **Select**.
2. Scroll to *Settings* and press **Select**.
3. Scroll to *Appearance settings* and press **Select**.
4. Scroll to *Text wrapping* or *Show images* and press **Select**.
5. Select *On* or *Off* for *Text wrapping* and *Yes* or *No* for *Show images*.

Accessing WAP pages

Once you have stored all the required connection settings you can access WAP pages. There are three different ways of accessing WAP pages:

- Opening a homepage (by selecting *Home* in the options of the *Services* menu)
- Selecting a bookmark (by selecting *Bookmarks* in the options of the *Services* menu)
- Entering the address of a WAP page (by selecting *Go to address* in the options of the *Services* menu)

First, you need to activate the connection set of the WAP service you want to use. Only one set can be activated at a time.

Activating a connection set

1. Press **Menu**, scroll to *Services* and press **Select**.
2. Scroll to *Settings* and press **Select**.

3. Press **Select** when *Connection settings* is displayed.
4. Scroll to the desired connection set and press **Options**. Then scroll to *Activate* and press **Select**.

Accessing a WAP page by opening the homepage

1. When you are in the standby mode, press **Menu**, scroll to *Services* and press **Select**.
2. To connect to the homepage of the service, press **Select** when *Home* is highlighted.

Bookmarks

You can save the addresses of up to 15 of your favourite or most frequently used WAP pages in the phone's memory.

Adding bookmarks

1. Press **Menu**, scroll to *Services* and press **Select**.
2. Scroll to *Bookmarks* and press **Select**
3. Press **Options**, then press **Select** when *Add bookmark* is highlighted.
4. Enter the address of the desired service and press **OK**. Then enter a title for the service and press **OK**


Tip: You can also add a bookmark while browsing. First press **Options** and scroll to *Bookmarks* and press **Select**. Then press **Options** and select *Save bookmark* and press **Select**.

Accessing a WAP page by using the bookmarks

1. Press **Menu**, scroll to *Services* and press **Select**.
2. Scroll to *Bookmarks* and press **Select**.
3. Scroll to the desired bookmark and press **Options**. To connect to the service, scroll to *Go to* and press **Select**.

Note: A bookmark may become associated with the connection setting that you used when it was first added. If the bookmark does not work (the text *Check service settings* may be displayed), you may need to activate another connection set.

Accessing a WAP page by entering its address










1. Press **Menu**, scroll to *Services* and press **Select**.
2. Scroll to *Go to address* and press **Select**.
3. Key in the address (use the key  to enter special characters) of the WAP page you want to visit and press **OK**.

Note: It is not necessary to enter the prefix `http://`; it will be added automatically. If you are using a protocol other than `http` (such as `ftp`), you will have to enter the prefix.

Viewing WAP pages

When you are connected to the homepage of a WAP service, follow the text guides on the phone's display.

Keys used in WAP navigation

- Press , e.g. to select a link.
- Use the scroll keys  and  to view a WAP page.
- Press  to disconnect from a WAP page and to quit browsing.
- Press the keys  -  to enter letters and numbers and the key  to enter special characters.
- Press the right selection key  e.g. to go back to the previously accessed WAP page.
- Press the left selection key  e.g. to display the list of options.

While you are browsing a service, pressing **Options** displays the currently available option list. Scroll to the desired option and press **Select**. Here are some of the possible options which may become available while browsing:

Home (to go to the homepage), *Reload* (to reload the page), *Select* (to select a link), *Back* (to go back to the previously accessed WAP page), *Appearance settings* (to set the settings for the text and images), *Bookmarks* (to add a bookmark), *Use number* (to extract numbers from the service you are using or from the page that is displayed), *Go to address* (to enter the address of the WAP page you wish to access), *Clear the cache* (to clear the cache memory of the phone), *Security info* (to see whether the connection is secured or not) and *Exit* (to quit browsing).

Emptying the cache

The information or services you have accessed are stored in the cache memory of the phone. A cache is a buffer memory that is used to store data temporarily.



Note: If you have tried to access or have accessed confidential information requiring passwords (for example, your bank account), empty the cache of your phone prior to each use to secure the confidentiality

1. Press **Menu**, scroll to *Services* and press **Select**.
2. To empty the cache memory of your phone, scroll to *Clear the cache* and press **Select**.

Security certificates

For using some services, you need a security certificate. A security certificate is used to enable secure communications with a WAP gateway or a server. The certificates are used to check signatures of WAP gateway or server certificates and can be downloaded during browsing.

You can only be sure of the correct identity of a WAP gateway or a server when the signature and the period of validity of a WAP gateway or a server certificate have been checked. You will be notified on the phone's display if the identity of the WAP server or gateway cannot be verified, the WAP server or gateway is not authentic or if you do not have the right security certificate in your phone. After you have downloaded the required security certificate from the Internet, you can view the certificate and then save or delete it. If you save it, the certificate is added to the list of security certificates in the [Services](#) menu.

To view the list of security certificates:

1. Press [Menu](#), scroll to the [Services](#) menu and press [Select](#).
2. Scroll to [Settings](#) and press [Select](#).
3. Scroll to [Security certificate](#) and [Select](#).

Note: When the security icon is displayed, the data transmission between the phone and the WAP gateway or a server (identified by the [IP address](#) in the [Connection settings](#)) is encrypted and secure. However, the security icon does not indicate that the data transmission between the gateway and the content server (place where the requested resource is stored) is secure. It is up to the service provider to secure the data transmission between the gateway and the content server.

■ SIM services (Menu 14)

In addition to the functions available in the phone, your SIM card may provide additional services that you can access via the menu 14. Menu 14 is shown only if it is supported by your SIM card. The name and contents of the menu depend entirely on the services available.



For availability, rates and information on using the SIM services, contact your SIM card vendor, e.g. your network operator, service provider or other third-party vendor.

You can set the phone to show you the confirmation messages sent between your phone and the network when you are using the SIM services by selecting the option *Asked* within the menu 4-2-6 (*Confirm SIM service actions*).

Note: Accessing these services may involve sending a text message (SMS) or making a phone call for which you may be charged.

7. Data and fax communications

Your phone allows you to transfer data to other devices when it is connected to a compatible PC via an IR connection or a serial cable.

To send and receive e-mail and faxes, connect to computers and access the Internet, you also need the appropriate data and fax communications software installed on your computer. You can use the Nokia 6250 with a variety of commercially available data and fax communications applications.

For using your phone as a modem, you first need to install it as a modem. The path to the detailed installation instructions and the required system files can be found through the Nokia website (www.nokia.com).

■ Connecting your phone to a computer

Installing communications applications and modem drivers

1. Ensure that a data communication application is correctly installed on your PC. For information on how to install an application, please refer to that application's documentation.
2. Install the necessary drivers on your PC. For instructions, see the Nokia website (www.nokia.com) to find the modem setup application.

For troubleshooting, please refer to the Readme.txt file which can be found on the Nokia website.

Using communications applications

Do either of the following:

If you use IR:

- Activate the IR connection of your phone by selecting Menu 12.
- Make sure that the infrared port of the phone faces the infrared port of the PC.

If you use a cable:

- Connect the DLR-3P cable to the serial port on the back of your PC.
- Connect the DLR-3P cable to your phone.

Note: Both the cable and the connector must be dry.

Start using the data communication application on the PC. For information on how to use the application, please refer to that application's documentation.



Note: Making or answering phone calls during a PC connection is not recommended as it might disrupt the operation.

For better performance during data calls, place the phone on a stationary surface with the keypad facing downward. Do not move the phone by holding it in your hand during a data call.

8. Reference information

■ 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 PUK, PUK2 and keylock codes) can be changed by using Menu 4-5-6. See the following section.

Security code (5 digits)

The security code can be used to avoid unauthorised use of your phone. The factory setting for the security code is 12345. To avoid unauthorised use of your phone, change the code in the [Settings](#) menu, see 'Security level (Menu 4-5-5)' on page 86 and 'Change of access codes (Menu 4-5-6)' on page 87. Keep the new code secret and in a safe place separate from your phone.

PIN code (4 to 8 digits)

The PIN (Personal Identification Number) code protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card. When the PIN code request is enabled (Menu 4-5-1), the code is requested each time the phone is switched on.

PIN2 code (4 to 8 digits)

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.

PUK code (8 digits)

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 (8 digit)

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.

Keylock code (4 digit)

You can use keylock code (Menu 4-3-2) to prevent the unauthorised use of your phone. The default code is 0000.

Note: Before activating the keylock code make sure that the PIN code request is also set on.

Barring password

The barring password is needed when using the 'Call Barring' function. You obtain the password from your service provider.

■ Battery information

Charging and discharging the battery

- Never charge the phone when the bottom connector or phone itself is wet or damp.
- Do not charge the phone in wet and damp conditions.

- 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 stand-by time) is noticeably shorter than normal, it is time to buy a new battery.
- Use only batteries approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer.
- When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for longer than a week, since overcharging may shorten its life. If left unused a fully charged battery will discharge itself over time.
- Temperature extremes will affect the ability of your battery to charge: allow it to cool down or warm up first.
- When the battery is running out of power and only few minutes of talk time remain, a warning tone is heard and *Battery low* is briefly displayed. When no more talk time is left, *Battery empty* is displayed and a warning tone is sounded and the phone switches itself off.

Using the batteries

- The battery must be kept dry.
- Use the battery only for its intended purpose.
- Never use any charger or battery which is damaged or worn out.
- 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

back of 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 (59 F and 77 F). A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-Ion batteries performance is particularly limited in temperatures below - 0°C (32 F).
- Do not dispose of batteries in a fire!



Batteries must be recycled or disposed of properly.

Must not be disposed of in municipal waste!

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 fulfill any warranty obligations and to enjoy this product for many years. When using your phone, battery, charger OR any accessory:

- Keep it and all its parts and accessories out of small children's reach.
- Try to keep it dry. Precipitation, humidity and liquids contain minerals that will eventually corrode the connectors.
- Do not store your phone in dusty, dirty areas as this may cause damage to some parts of the phone.
- Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it in cold areas. When the phone warms up (to its normal temperature), moisture can form inside the phone, which may damage the electronic circuit board.
- Do not open the water resistant backcover if the phone is wet or dirty.
- Do not attempt to open it except as instructed. Non-expert handling of the device may damage it.
- Do not intentionally drop, knock or shake it. Rough handling is never recommended or beneficial for your phone's functionality.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.
- If the phone, battery, charger or any accessory are not working properly, take them to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Important safety information

■ Traffic safety

Do not use a hand-held telephone while driving a vehicle. If using a hand-held phone park the vehicle before conversing. 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.

The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.

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.

When connecting the phone or any accessory to another device, read its user guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (Held to your ear).

Do not point the infrared beam at anyone's eye or allow it to interfere with other infrared devices.

■ 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.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 20 cm (6 inches) be maintained between a hand-held 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 pacemaker:

- 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 minimize 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.

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.

■ 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.

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 which cannot guarantee connection in all conditions. Therefore, you should never rely solely upon any wireless phone for essential communications (e.g. medical emergencies).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate cellular signal strength. 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 cellular service providers.

To make an emergency call:

1. If the phone is not on, switch it on.

Some networks may require that a valid SIM card is properly inserted in the phone.

2. Press  as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display.
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  key.

If certain features are in use (Keypad lock, Fixed Dialling, etc.), you may first need to turn those features off before you can make an emergency call. Consult this document 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.

Technical specifications

Weight:

- 174g

Dimensions (min.- max):

- 142 x 50-58 x 23-27 mm, 159 cc

Talktime:

- 3 h 15 min - 5 h 50 min¹

Standby time:

- 72 h - 336 h¹

Durability:

- The Nokia 6250 can survive a drop up to 3 metres and immersion for up to 1 minute in water up to 0.5 m deep.²

Display:

High resolution, illuminated, full-graphics dynamic display, adjustable contrast, 96 x 60 pixels, 30.6mm x 24.1 mm, 7-bar battery and signal status indicators

Dual band operation:

EGSM 900, GSM 1800 and GSM 900/1800 dual-band networks. Automatic switching between the bands.

1. Variation in operation times will occur depending on SIM card, network settings and usage.

2. Water may not be warmer than 50°C.

LIMITED MANUFACTURER'S WARRANTY

PART OF EUROPE & AFRICA REGION

This limited warranty shall apply in part of Nokia Mobile Phones' Europe & Africa Region unless a local warranty exists. Nokia Mobile Phones Ltd ("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, Switzerland and Turkey.
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 deteriorations 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:

Stamp

 ITEM IMEI	B
-----------------------------------------------------------------------------------------------------	----------