# Hello

Refreshing looks, cool style and trendy design – that is what the new Nokia 3610 is all about! Its bold design expressed in pure light materials as well as an interplay of the latest colours lets you refresh yourself in style.

What's more, you can make it truly yours with its personalisation possibilities. Pick from a vast choice of downloadable screen savers, ringing tones, SMS alerts and exciting game levels. Download them through WAP[1], experiment, play, choose and do it all over again until you are completely satisfied!

Got something to tell your friends? Hook up with five friends all at the same time with the new 5-way conference call[1] feature – now, that's a whole lot of fun staying in touch!

Messaging also takes a creative twist. You can try on new styles, tweak or customise the way you like them. Create your own graphics with Picture Editor and let the artist in you take over.

You may call the Nokia 3610 truly refreshing. At Nokia, we just call it *human* Technology™.

[1] WAP, conference call facilities and other mobile services are network operator and content service provider dependent. Please check with your local network provider.

# Welcome to
### your **Nokia** phone

**Power key**

- Switches the phone on or off.
- When pressed briefly during a call or when the display is clear: Enters the list of Profiles.

**Call key**

- Dials a phone number and answers a call.
- With display clear: Shows the most recently dialled number.

**Number keys**

- Enter numbers and characters.
- calls your voice mailbox when pressed and held.
- Press and hold as a short cut key for accessing mobile services.

**Selection keys**

- Each of these keys performs the function indicated by the text above it.

**Scroll keys**

- Scrolls through names, phone numbers, menus or setting options.
- When pressed during a call – adjusts the earpiece volume.

**End key**

- Ends or rejects a call. Also exits from any function.

- Used for various purposes in different functions

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# Your Nokia
## menu map

Let us help you learn about your new Nokia phone. The menu map you see on the next two pages will take you through the main menu functions in the order that they appear on your phone.

We've included visuals of the 11 menu functions and they are numbered 1 – 11 so you can see the sequence at a glance. And right next to each menu function we've listed the special features in your Nokia phone, also in order of appearance so they'll be easy to find.

# List of menu functions

**1. Messages**
  1. Write
    messages
  2. Inbox
  3. Outbox
  4. Chat
  5. Picture messages
  6. Templates
  7. Smileys
  8. Erase messages
    1. All read
    2. Inbox
    3. Outbox
  9. Message settings
    1. Set [1]
      1. Message centre number
      2. Messages sent as
      3. Message validity
      4. Rename this set
    2. Common [2]
      1. Delivery reports
      2. Reply via same centre
      3. Character support
  10. Info service
  11. Voice mailbox number [3]
  12. Service command editor

**2. Call register**
  1. Missed calls
  2. Received calls
  3. Dialled numbers
  4. Erase recent call lists
  5. Show call duration

    1. Last call duration
    2. All calls' duration
    3. Received calls' duration
    4. Dialled calls' duration
    5. Clear timers
  6. Show call costs
    1. Last call cost
    2. All calls' cost
    3. Clear counters
  7. Call cost settings
    1. Call cost limit
    2. Show costs in
  8. Prepaid credit

**3. Profiles**
  1. General
  2. Silent
  3. Discreet
  4. Loud
  5. My style
  6. (empty)

**4. Settings**
  1. Screen saver
  2. Tones
    1. Ringing tone
    2. Ringing volume
    3. Incoming call alert
    4. Composer
    5. Message alert tone
    6. Keypad tones
    7. Warning tones
    8. Vibrating alert
    10. Rhythmic backlight alert

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1. The amount and names of sets may vary. Each set appears in its own submenu.
2. The shortcut number depends on the amount of sets available.
3. May not be shown if the voice mailbox number has been saved on the SIM card by your network operator or service provider.

**English**

3. Call settings
   1. Call divert [1]
   2. Automatic redial
   3. Speed dialling
   4. Call waiting options
   5. Own number sending
   6. Phone line in use
   7. Automatic answer [2]

4. Phone settings
   1. Language
   2. Cell info display
   3. Welcome note
   4. Network selection
   5. Lights[3]
   6. Confirm SIM service actions

5. Keylock settings

6. Security settings
   1. PIN code request
   2. Call barring service
   3. Fixed dialling
   4. Closed user group
   5. Security level
   6. Change access codes

7. Restore factory settings

**5.  Picture editor**

**6.  Games**

1. Select game
   1. Snake II
   2. Space impact
   3. Dance 2 Music
   4. Bumper
   5. Link5
   6. Magic Draw

2. Game services

3. Settings
   1. Sounds
   2. Lights
   3. Shakes
   4. Club Nokia ID

**7.  Calculator**

**8.  Reminders**

1. Add new

2. View all

3. Erase

**9.  Clock**

1. Alarm clock

2. Clock settings

3. Date setting

4. Chinese lunar calendar[4]

5. Stopwatch

6. Countdown timer

7. Auto update of date and time

**10. Services**

**11. SIM services [5]**

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1. The divert options not supported by your network operator may not be shown.
2. Shown only if the phone is connected to the Plug and Play Handsfree (PPH-1) or the headset (HDC-5).
3. Shown only if the phone is connected to Plug and Play Handsfree (PPH-1).
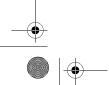4. View only when the phone's Language is set to simplified or traditional Chinese.
5. The availability, name and contents depend on the SIM card used.

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We, NOKIA CORPORATION declare under our sole responsibility that the product
NAM-1 is in conformity with the provisions of the following Council Directive:
1999/5/EC.

A copy of the Declaration of Conformity can be found from
http://www.nokia.com/phones/declaration_of_conformity/.

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The availability of particular accessories may vary by region. Please check with the
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Issue 1

# Contents

# FOR YOUR SAFETY

**English**

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

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

**ROAD SAFETY COMES FIRST**
Do not use a hand-held phone while driving.

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

**SWITCH OFF IN HOSPITALS**
Follow any regulations or rules. Switch the phone off near medical equipment.

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

**SWITCH OFF WHEN REFUELLING**
Do not use the phone at a refuelling point. Do not use near fuel or chemicals.

**SWITCH OFF NEAR BLASTING**
Do not use the phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

**USE SENSIBLY**
Use only in the normal position. Do not touch the antenna unnecessarily.

**QUALIFIED SERVICE**
Only qualified personnel may install or repair phone equipment.

**ACCESSORIES AND BATTERIES**
Use only approved accessories and batteries. Do not connect incompatible products.

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

**BACKUP COPIES**
Remember to make backup copies of all important data.

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

**CALLING**
Ensure the phone is switched on and in service. Enter the phone number, including the area code, then press ![key]. To end a call, press ![key]. To answer a call, press ![key].

**EMERGENCY CALLS**
Ensure the phone is switched on and in service. Press ![key] 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 ![key]. Give your location. Do not end the call until told to do so.
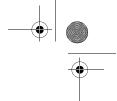
# Network Services

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

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

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

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

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from ACP-7, ACP-8 and LCH-9.
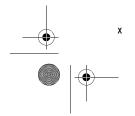
**Warning:** Use only batteries, charger and accessories approved by the phone manufacturer for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

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

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

# General information

## ■ Stickers in the sales package

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

Attach the Ⓐ sticker to Your details page of this owner's guide.

## ■ Access codes

- **Security code:** This code, supplied with the phone, protects your phone against unauthorised use. The preset code is 12345.

  Refer to *Security level* in the *Security settings* menu on page 27 to see how it works.

- **PIN code:** This code, supplied with the SIM card, can protect the card against unauthorised use.

  Set on the *PIN code request* in the *Security settings* menu (see page 26), then the code is requested each time the phone is switched on.

  If you enter the PIN code incorrectly three times in succession, the SIM card is blocked. You need to enter the PUK code to unblock the SIM card and set a new PIN code.

- **PIN2 code:** This code is supplied with some SIM cards and is required to access certain services, such as charging unit counters.

  If you enter the PIN2 code incorrectly three times in succession, *PIN2 code blocked* shows on the display, and you will be asked for the PUK2 code.

  Change the security code, PIN code and PIN2 code in *Change access codes* in the *Security settings* menu (see page 27). Keep the new codes secret and in a safe place separate from your phone.

- **PUK and PUK2 code:** These codes may be supplied with the SIM card. If this is not the case, contact your local service provider.

  If you enter PUK code incorrectly ten times in succession, the SIM card may no longer be used.

  If you enter PUK2 code incorrectly ten times in succession, the PIN2 code is discarded and you will not be able to use the services that require the PIN2 code.

# ■ Typographics used in this guide
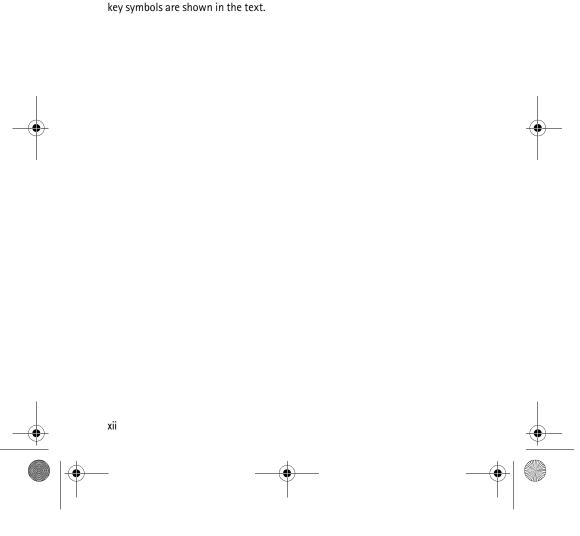
The display texts which appear on the phone display are indicated in blue colour in this guide, for example *calling*.

The display texts related to the soft keys ⬩ and ⬩ are indicated in bold, for example **Menu** and **Names**. Only the soft key texts without the key symbols are shown in the text.
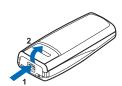
# 1. Getting started

## ■ Inserting a SIM card

- Keep all miniature SIM cards out of small children's reach.

- 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, make sure that the phone is switched off and that the battery is removed.

1. Press the back cover release button (1), open the back cover from the top (2) and remove it.



2. Remove the battery by lifting it from the finger grip (3).
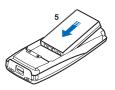
3. Slide the SIM card carefully into the SIM card slot (4).

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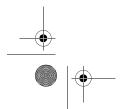


4. Align the golden connectors on the battery with the corresponding connectors on the phone, and push the opposite end of the battery until it snaps into place (5).
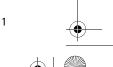


5. Align the bottom of the back cover to the bottom of the phone, press the top of the back cover to lock it into place (6).
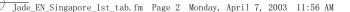
## ■ Charging the battery

Do not charge the battery when either of the phone covers is removed.

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

2. Connect the charger to an AC wall outlet. The battery indicator bar starts scrolling.

   • Charging BLB-2 battery with the ACP-7 charger takes up to 3 hours 30 minutes.

   • If *Not charging* is displayed, wait for a while, disconnect the charger, plug it in again, and retry. If charging still fails, contact your dealer.

3. When the battery is fully charged, the bar stops scrolling. Disconnect the charger from the AC outlet and the phone.

## ■ Switching on or off

Press and hold the ⓪ key for a second.

> **Warning!** Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.
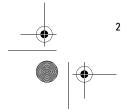
TIPS ON EFFICIENT OPERATION:

Your phone has a built-in antenna. As with any other radio transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed. Not touching the antenna area during a phone call optimises the antenna performance and the talktime of your phone.

English

## ■ Display and standby mode
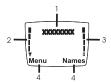
The indicators described below are shown when the phone is ready for use, with no characters keyed in by the user. This screen is called 'standby mode'.
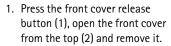
1. Indicates which cellular network the phone is using.

2. Shows the signal intensity of the cellular network at your current location.

3. Shows the battery charge level.

4. Shows the current function of the soft keys.

## ■ Changing the covers

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

1. Press the front cover release button (1), open the front cover from the top (2) and remove it.
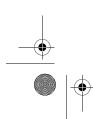
2. Insert the keypad mat in the front cover (3).
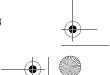
3. Align the bottom of the front cover to the bottom of the phone, press the front cover to lock it into place (4).

4.  Press the back cover release button (5), open the back cover from the top (6) and remove it.

5.  Align the bottom of the back cover to the bottom of the phone, press the top of the back cover to lock it into place (7).

# 2. Call functions

**English**
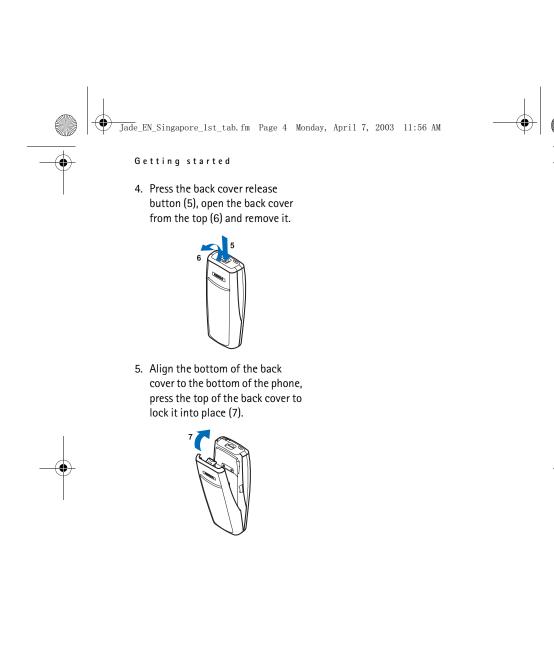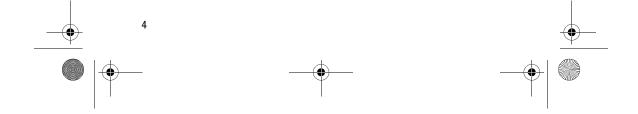
## ■ Making and answering calls

### Making calls

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

   To make international phone calls: Add a "+" by pressing ⧄⁎₊ twice, and the country (or region) code in front of the area code (delete the leading 0 if necessary).

   Press **Clear** to delete the digit to the left of the cursor; move the cursor to the desired position by pressing ⎡▲⎤ or ⎡▼⎤ if necessary.

2. Press ⧄ and wait for the answer.

   Press ⎡▲⎤ to increase or ⎡▼⎤ to decrease the volume of the earpiece or headset.

3. Press ⧄ to end the call (or to cancel the call attempt).

### Answering calls

1. In standby mode, press ⧄. Press ⧄ to end the call.

2. To reject the call without answering, press ⧄.

### Making calls using the phone book

1. In standby mode, press ⎡▼⎤ or ⎡▲⎤;

2. Use ⎡▼⎤ and ⎡▲⎤ to reach the desired name;

3. Press ⧄ to call the number.

To see more about using the phone book, please refer to "Phone book (Names)" on page 11.
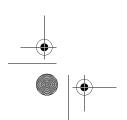
### Redialling
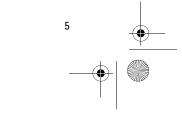
To redial one of the last 20 phone numbers you have called or attempted to call: Press ⧄ in standby mode, scroll with ⎡▲⎤ or ⎡▼⎤ to the desired phone number or name, and press ⧄.

See also "Automatic redial" on page 25.

### Speed dialling

Speed dialling is an easy way to call a phone number that has been assigned to a number key. Refer to "Speed dialling" on page 14.

### Listening to voice messages

Contact your service provider to learn more about this network service.

To divert calls to your voice mailbox, refer to "Call divert" on page 24. You can obtain the number from your service provider.

1. In standby mode, press and hold ⌨ to call your voice mailbox.

2. If the phone asks for the voice mailbox number, key it in and press **OK**. You can obtain the voice mailbox number from your service provider.

3. To change the voice mailbox number, see"Voice mailbox number (Menu 01-11)" on page 20.

## ■ In-call operations

A set of operations can be performed during a call by pressing **Options**. Many of these operations are network services.

Please note that the menus are dynamic and not all options are available at the same time.

- *Mute* or *Unmute*: To disable or enable the phone's microphone.
- *Hold* or *Unhold*: Place an active call on hold or make a held call active.
- *Send DTMF*: To send touch tones (DTMF tones).

- *New call*: To make a new call when you have a call in progress.
- *Answer*: To answer a waiting call while you have an active call or held call. Refer to *Call waiting options* (Menu 4-3-4) on page 25.
- *Reject*: To refuse to answer a waiting call.
- *Swap*: To switch between the active call and the held call.
- *End active call*: To terminate an active call. If the active call is a conference call, all parties are terminated at once. If there is no active call, the held call will be terminated.
- *End all calls*: To terminate all current calls.
- *Names*: To access the phone book.
- *Menu*: To access menu functions.

## ■ Making a conference call

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

1. While in a call, press **Options**, scroll to *New call* and press **Select**.

2. Key in the phone number or recall it from the phone book and press **Call**.

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3. When the new call is answered, add it to the conference call by pressing **Options** and selecting *Conference*.

4. To add a new participant to the call, repeat steps 1 to 3.

   - To have a private conversation with a single participant, press **Options** and choose *Private*.

   - Select the participant and press **OK**.

   - Press *Swap* or 🔽 to switch between the conference call and the private call.

   - To return to the conference call, select *Conference* again. See step 3.

5. To end the conference call, press 🔽 .

# ■ Locking the keypad

The keypad lock prevents keys from being pressed accidentally.

**To lock the keypad:** In standby mode, press **Menu** and then ⁎₊ quickly.

**To unlock the keypad:** In standby mode, press **Unlock** and then ⁎₊ quickly.

You can also set the phone to turn on the keylock automatically after a certain period of time. Refer to "Keylock settings (Menu 4-5)" on page 26.

**When the keypad is locked:**

- The indicator ▬O is shown on the top of the display.

- You can answer, end or reject a call in the normal way. During a call, you can operate the phone as usual.

- The HDC-5 headset can be used as usual.

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

# 3. Input methods

You can key in English in two different ways, using the traditional method, or another method called predictive English input.

## ■ Setting predictive English input on or off

- **To activate predictive English input:**
    1. Press **Options**, as when writing messages (see page 16), and select *Dictionary*;
    2. Choose *English*.
- **To deactivate predictive English input:**
    1. Press **Options**, as when writing messages (see page 16), and select *Dictionary*;
    2. Choose *Dictionary off*.

## ■ Predictive English input

Predictive English input is an easy way to input, for example, text messages (see page 16) and reminder notes (see page 31).

This input method uses a dictionary built into the phone. To use this input method, check that .⚏ is shown at the top of the display.

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

   For example, to input 'Nokia', press /mno⁶/ /mno⁶/ ⌐5 jkl⌐ \⁴ghi\ ⌐2 abc⌐.

   Since the word changes after each key press, do not pay much attention to what happens on the display before you have keyed in the whole word.

- To delete the character to the left of the cursor, press **Clear**. To clear the screen, press and hold this key.

- To switch between letter cases, or between traditional and predictive English input, press /．#/ repeatedly and check the indicator at the top of the display. Press and hold /．#/ to change between letter cases and number.

- You can get some punctuation marks by pressing \¹∞\, then pressing \*₊\ repeatedly until the desired punctuation mark is shown.

- You can get a list of special characters by pressing and holding ⟨*₊⟩, scroll to the desired character, and press **Use**.

- To insert a number, press and hold the desired number key. To insert several numbers, press and hold ⟨₀#⟩ and key in the numbers.

2. If the displayed word is the one you want, press ⟨0⟩ and start writing the next word.

   - If you want to change the word, press ⟨*₊⟩ repeatedly until the desired word appears.

   - If a "?" is shown after the word, it means that the word is not in the dictionary. To add the word into the dictionary: Press **Spell**, key in the word using traditional English input (see page 9), and press **OK**.

   - If you want to change the previous word, move the cursor to the end of the word to make it underlined, and edit it.

3. If **Options** is shown, you can access the following options by pressing this key:

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

   *Insert word*: You can add a word to the dictionary manually. Key in the word using traditional English input and press **OK**.

   *Insert number*: You can key in numbers by pressing each number key once.

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

## Writing compound words
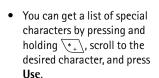
Key in the first half of the word, press ⟨1⟩, and then key in the second half.

## ■ Traditional English input

To use this input method, check that 🅰 is shown at the top of the display.

1. When writing text, press the key marked with the desired letter one or more times until the letter appears.

Input methods

2. Use the following functions to
   edit the text:

   - To add a space, press ⌹.

   - To add a punctuation mark or
     special character, press ⌹
     repeatedly; or press ⌹,
     scroll to the desired character,
     and press **Use**.

   - To move the cursor left or
     right, press ⌹ or ⌹,
     respectively.

   - To delete the character to the
     left of the cursor, press **Clear**.
     To clear the screen, press and
     hold this key.

   - To switch between upper and
     lower case, press ⌹ .

   - To add a number, press and
     hold the desired key. To switch
     between letters and numbers,
     press and hold ⌹ .

   - To key in a letter which is
     under the same key as the
     previous one, press ⌹ or
     ⌹ (or wait until the cursor
     appears), and key in the new
     letter.

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# 4. Phone book (Names)

You can store phone numbers and their associated names in the memory of the phone (internal phone book) and the SIM card (SIM phone book). The internal phone book can store up to 150 names.

**Entering the phone book**

1. In standby mode, press **Names**.

2. During a call, press **Options** and select *Names*.

## ■ Searching for a name and phone number

1. In the standby mode, press **Names**.

2. Select *Search*.

3. Key in the first character(s) of the name you are looking for.

4. Press **OK**.

5. Press ⬆ or ⬇ to find the desired name.

   If the name or phone number is stored in the SIM card memory, ▢ is shown at the upper right corner of the display; if it is stored in the phone's internal memory, ▦ is shown at the upper right corner of the display.

**QUICK SEARCH:** Press ⬆ or ⬇ in the standby mode, key in the first character of the name. Scroll with ⬆ or ⬇ to find the desired name.

## ■ Service numbers (Service Nos.)

This function is displayed only if your service provider has included service numbers in your SIM card.

This function makes it easy to call the service numbers of your service provider.
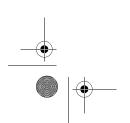
1. In the standby mode, press **Names**.

2. Scroll to *Service Nos.* and press **Select**.

3. Scroll to the desired service number and press 📞 to call the number.

## ■ Adding a phone number with a name
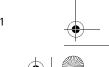
You can store names and phone numbers in the internal or the SIM phone book.

1. In the standby mode, press **Names**.

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2. Scroll to *Add name* and press **Select**.

3. Key in the name and press **OK**. Refer to page 8 for inputting methods.

4. Key in an area code and phone number, and press **OK**.

If you add the international prefix "+" (press ⚹ twice) in front of the country (or region) code, you will be able to use the same phone number when you are travelling abroad.

**Quick save:** In standby mode, key in the area code and phone number, and press **Save**. Key in the name for the number, and press **OK**; press **OK** directly to save the number without a name.

## ■ Erasing a name and phone number

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

- In the standby mode, press **Names**.

- Scroll to *Erase* and press **Select**.

## One by one

1. Scroll to *One by one* and press **Select**.

2. Scroll to the name and phone number you want to erase. Press **Erase** and then confirm with **OK**.

## Erase all

1. Scroll to *Erase all* and press **Select**.

2. At the prompt *Are you sure?*, press **OK**.

3. Key in the security code and press **OK**.

   For more information about the security code, see "Security code" on page xi and "Security level" on page 27.

   Note: This option erases all the names in the selected memory. To select the memory in use, please refer to "Phone book settings" on page 13.

## ■ Copying a name and phone number

You can copy names and phone numbers all at once or one by one from the phone to the SIM card, or vice versa.

1. In the standby mode, press **Names**.
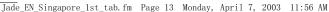
2. Scroll to *Copy* and press **Select**.

3. Select the copying direction, *From phone to SIM card* or vice versa, and press **Select**.

4. Scroll to *One by one*, or *Copy all*, and press **Select**.

5. If you select *One by one*

   • Select whether to keep or erase the original name and phone number and press **Select**.

   • Scroll to the name and/or phone number to be copied. Press **Copy** to start copying or **Back** to cancel the operation.

   If you select *Copy all*

   • Select whether to keep or erase the original names and phone numbers and press **Select**.

   • Press **OK** to start copying or **Back** to cancel the operation.

If the name already is in the target phone book with a different phone number, an ordinal number is added to the end of the name.

■ **Assign tone**

You can set the phone to play the desired ringing tone when you receive a call from a particular phone number.

1. In the standby mode, press **Names**;

2. Scroll to *Assign tone* and press **Select**;

3. Scroll to the desired phone number or name, press **Assign**;

4. Select the desired ringing tone and press **OK**.

■ **Phone book settings**

1. In standby mode, press **Names**.

2. Scroll with ⬆ or ⬇ to *Settings* and press **Select**.

Then you can select the phone book (*Memory in use*), set the type of view for stored names and phone numbers, and check phone book status using the following options:

• *Memory in use*: Select whether the names and phone numbers are saved in *Phone* or *SIM card*. Note that when you change the SIM card, the *SIM card* memory is automatically selected.

• *Type of view*: Select how the names and phone numbers are shown, either *Name list*, or *Name, number*, or *Large font*.

• *Memory status*: Scroll to *SIM card:* or *Phone:*, you can see how many names (or phone numbers) are already saved and how many can still be saved in the SIM card or phone.

Phone book (Names)

## ■ Speed dialling

### Assigning a phone number to a key for speed dialling

1. Press **Names** in standby mode, scroll to *Speed dials* and press **Select**.
2. Scroll to the desired key ( ⎡2 abc⎤ to ⎡wxyz9⎤ ) and press **Assign**.
3. Scroll to the desired name and press **Select**.

### Speed dialling the phone number

After the phone number has been assigned to a number key, you can speed dial the number in the following ways:

- Press the corresponding number key and then press ⎝╲⎞, or
- Pressing and holding the corresponding number key. Before using this method, set *Speed dialling* (Menu 4-3-3) to "on" (see page 25).

## ■ Voice dialling

You can make phone calls by saying a voice tag that has been added to a desired name and phone number.

Before using voice dialling, note that:

- Voice tags are not language dependent. They are dependent on the speaker's voice.

- Voice tags are sensitive to background noise. Record them and make calls in a quiet environment.

- When recording a voice tag or making a call by saying a voice tag, hold the phone in the normal position near to your ear.

- Very short names are not accepted. Use long names and avoid similar names for different numbers.

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

### Adding a voice tag to a phone book entry

1. Find the name from the phone book to which you want to add a voice tag, and press **Details**.
2. Press **Options** and select *Add voice tag*.
3. Press **Start**. The phone sounds a notification tone. Say clearly the word(s) you want to record as a voice tag.
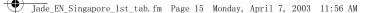
4. The phone plays the recorded tag. If you do not want to save the tag, press **Quit**.

5. When the voice tag has been successfully saved, *Voice tag saved* is displayed.

   The voice tag is saved in the phone book's *Voice tags* list.

## Handling voice tags

1. In the standby mode, press **Names**.

2. Select *Voice tags*.

3. Scroll to a name (or phone number), and press **Select**.

4. Choose *Playback* to hear the voice tag again;

   Choose *Change* to change the voice tag;

   Choose *Erase* to delete the voice tag.

## Making a call by using a voice tag

1. In the standby mode, press and hold **Names** to activate the voice dialling. The phone sounds a notification tone.

2. Say the voice tag clearly.

If you are using the HDC-5 headset:

1. Press the control button of the 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.

**English**

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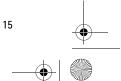
# 5. Menu functions

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

You can use the menu in the following ways:

**By scrolling**

1. Press **Menu** in standby mode.

2. Press ⌄ or ⌃ to scroll to the desired main menu, and press **Select** to enter it. Press **Exit** to exit a main menu.

3. If the menu contains submenus, scroll to the desired one and press **Select** to enter it. Press **Back** to exit a submenu.

   If you do not want to save the changes you made to menu settings, press ☎ or press and hold **Back**.

**By shortcut**

The menus, submenus and setting options are numbered. These numbers are called shortcut numbers.

In standby mode, press **Menu**, within three seconds, key in the shortcut number of the menu you want to access. Repeat this for submenus.

For example, if you want to activate *Call waiting options*, press **Menu**, 4ghi (for *Settings*), def3 (for *Call settings*), 4ghi for *Call waiting options*), 1₀₀ (for *Activate*).

Note that the shortcut number for *Messages* is 01.

## ■ Messages (Menu 01)

## Writing and sending text messages (Write messages: Menu 01-1)

You can write and send multi-part text messages of up to almost three ordinary text messages in length (network service). Invoicing is based upon how many ordinary messages are needed for any multi-part message.

To send a message, the phone number of your message centre has to be saved in the phone. See "Message settings (Menu 01-9)" on page 20.

1. Key in the message. The number of available characters and the current part number are shown on the top right of the display.

**English**

2. When the message is complete, press **Options**, select *Send*, key in the recipient's phone number, and press **OK**.

   If you want to send the message to several people, select *Send to many*, scroll to the first recipient, and press **OK**. Repeat this for each recipient and press **Back** to finish.

   Other options are: *Template*, *Insert smiley*, *Send by set* (refer to "Message settings (Menu 01-9)" on page 20), *Save*, *Erase*, etc.

   ➥ **Note:** When sending messages via the SMS network service, your phone may display the words "*Message sent*". This is an indication that the message has been sent by your phone to the message centre number programmed into your phone. This is not an indication that the message has been received at the intended destination. For more details about SMS services, check with your service provider.
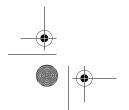
## Reading a text message (Inbox: Menu 01-2)

When you have received text messages in standby mode, the number of new messages as well as a ✉ are shown on the display.

1. Press **Read** to view the messages right away.

   To view the messages later, press **Exit**. Go to the *Inbox* menu (Menu 01-2) when you want to read the messages.

2. Use scroll keys to browse through the message.

3. While reading the message, you can press **Options** for the following: *Erase*, *Reply*, *Chat*, *Edit*, *Use number*, *As reminder*, *Forward*, *Details*.

   • *Chat*: When you select this option, you can have a conversation with another person using a compatible phone through text messages. For more information, see "Chat (Menu 01-4)" below.

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- *As reminder*: When you select this option, the message will be copied to *Reminders* as if you have added a new reminder. The phone goes automatically to the new reminder so that you can further edit it.

  Note that if the length of text message exceeds the maximum length of a reminder, the exceeding part cannot be copied to the reminder.

## Viewing a message you have saved (Outbox: Menu 01-3)

In the *Outbox* menu you can view the messages that you have saved in the *Write messages* menu (Menu 01-1). Press **Options** for the following: *Erase*, *Edit*, *Use number*, *As reminder*, *Forward*.

## Chat (Menu 01-4)

Start a chat either by selecting this menu, or by choosing the *Chat* from the **Options** list when reading a received text message. Follow the instructions below if you start from this menu; skip step 1 if you start in the other way.

1. Key in the other person's phone number or recall it from the phone book, and press **OK**.

If you wish to chat with the person you last chatted with, part of the content of last chat will be shown.

2. Key in your nickname for the chat, and press **OK**.

3. Key in your message, press **Options**, and select *Send*.

4. The reply you receive from the other person is displayed above the message you sent.

   To reply to the message, press **OK** and repeat step 3 above.

   To edit your nickname, press **Options** and select *Chat name*.

   The chat messages you send are indicated by "<" and your nickname; the ones you receive are indicated by ">" and the other person's nickname.

   When writing a message during the current chat, you can view all the messages sent and received by pressing **Options** and selecting *Chat history*. Press **OK** to return to the message you are writing.

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## Picture messages (Menu 01-5)

You can receive and send messages that contain pictures (network service). The picture messages are saved in this folder. Note that:

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

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

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

### When you receive a picture message

To view the message immediately, press **View**. Then you can save the message by pressing **Save**; if you press **Back**, you can choose to discard the picture message.

To view the message later, press **Exit**, and save the message in the folder.

When you save a new picture message, you may need to replace the factory installed picture message in the phone.

### Editing a picture message

1. Scroll to a picture message and press **View**.

2. Press **Options** and select *Edit*.

3. Edit the picture. Refer to "Picture editor (Menu 5)" on page 27.

### Sending a picture message

Within this menu, scroll to a picture message and press **View**. You can send it without editing by pressing **Options** and selecting *Forward*. If you want to add some text before sending the message, press **Options** and select *Edit text*. To view the whole message, press **Options** and select *Preview*.
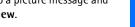
## Templates (Menu 01-6)

You can view, edit, or erase the preset messages ('templates') that can be used for writing a message.

Scroll to the desired template and press **Read**. To edit or erase the template, press **Options** and select the desired function.

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

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

## Smileys (Menu 01-7)

You can edit and store the smileys such as ":-)", and use them in compiling messages.

## Erase messages (Menu 01-8)

You can choose to erase all messages in *All read*, *Inbox*, *Outbox*.

When you choose *All read*, all messages in *Outbox* and the read messages in *Inbox* are deleted.

When you choose *Inbox*, only the read messages in this folder are deleted.

When you choose *Outbox*, all messages in this folder are deleted.

## Message settings (Menu 01-9)

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

### Set 1 (Menu 01-9-1) [1]

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

Each set has the following settings: *Message centre number*, *Messages sent as*, *Message validity*, and *Rename this set*. You need the

message centre number to send text and picture messages. You can obtain this number from your service provider.

### Common (Menu 01-9-2) [2]

The settings in this submenu apply to all text messages that you send, irrespective of the chosen set. The available settings are: *Delivery reports*, *Reply via same centre*, *Character support*.

## Info service (Menu 01-10)

With this network service you can receive messages on various topics (such as traffic conditions) from the network. For details, contact your service provider.

## Voice mailbox number (Menu 01-11)

You can save and change the phone number of your voice mailbox (network service) here.

## Service command editor (Menu 01-12)

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

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1. The total number of sets depends on how many sets your SIM card offers.
2. The shortcut number of this menu depends on the number of sets available. Here it is assumed that only one set is available.

**English**

## ■ Call register (Menu 2)

In this menu you can view the phone numbers registered by the phone and the approximate length and cost of your calls (network services). You may also view and adjust the settings of a prepaid SIM card (network services).

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

When you enter the *Missed calls*, *Received calls* or *Dialled numbers* menu, press ⬇ or ⬆ to scroll. Press ⬋ to call the registered phone number. Press **Options**, you can choose to view the time of the call, edit or view the registered phone number, add it to the phone book, or delete it from the list. You can also send a text message (*Send SMS*).

- *Missed calls*: Shows the last 10 phone numbers from which somebody has tried to call you with no success.

- *Received calls*: Shows the last 10 phone numbers from which you have accepted a call.

- *Dialled numbers*: Shows the last 20 phone numbers you have called or attempted to call.

- *Erase recent call lists*: You can delete all the phone numbers and names from Menus 2-1 to 2-3.

- *Show call duration*: Shows the approximate duration of your outgoing and incoming calls. You can reset these call timers by selecting *Clear timers* (Menu 2-5-5).

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

- *Show call costs*: Shows the approximate cost of your last call or all calls in terms of units specified within the *Show costs in* function (Menu 2-7-2).

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

- *Call cost settings*: With the *Call cost limit* function you can limit the call costs to the desired amount of charging units or units of currency (network service). With the *Show costs in* function you can select the units in which the phone shows the remaining talk-time (contact your service provider for charging unit prices).

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Note that when no more charging or currency units are left, only calls to the emergency number 112 may be possible.

- *Prepaid credit*: When using a prepaid SIM card, you can make calls only when there are enough credit units on the SIM card (network service). Options: *Credit info display* (show or hide remaining units in standby mode), *Credit available* (amount of remaining units), *Last event costs*, *Recharge status*.

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

## ■ Profiles (Menu 3)

You can set all the phone tones to function in the desired manner by selecting the desired setting group ('profile').

**Activating a profile and changing its settings**

1. In the *Profiles* menu, scroll to the desired profile and press **Select**.

Some of the profiles can be replaced with profiles you receive e.g. from your service provider. For availability and compatibility, contact your service provider or other profile provider.

2. To use the selected profile, select *Activate*.

   To change the settings of the selected profile, select *Personalise*.

3. If you selected *Personalise*, scroll to one of the following settings and press **Select**: *Ringing tone*, *Ringing volume*, *Incoming call alert*, *Message alert tone*, *Keypad tones*, *Warning tones*, *Vibrating alert*, *Rhythmic backlight alert*, *Screen saver*, and *Rename* (not available under *General*).

4. Scroll to the desired option and press **OK**.

You can also change the settings of the currently selected profile in *Tones* (Menu 4-2), see page 23.

💡 **To activate a profile quickly in standby mode or during a call:** Press the ⓘ key quickly, scroll to the desired profile, and press **OK**.

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# ■ Settings (Menu 4)

In this menu you can adjust various settings of the phone. You can also reset some menu settings to their default values by choosing *Restore factory settings*.

## Screen saver (Menu 4-1)

**Note:** Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.
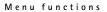
To turn on the screen saver, enter this menu and choose *On*. The screen saver will be displayed when the phone is in the standby mode for a certain period of time ("time-out").
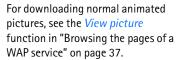
To change the time after which the screen saver will be displayed in the standby mode, choose *Timeout*, then choose the time from the list.

To change the screen saver picture, choose *Screen saver*.

**Date and time screen savers:** You can choose the date and time screen savers in the normal screen savers. Then the time, date and day will be shown on the display and you can view them conveniently.

For downloading normal animated pictures, see the *View picture* function in "Browsing the pages of a WAP service" on page 37.

**3D animated screen savers:** To change the text of the flying text screen saver, press **Options** and choose *Edit*.

## Tones (Menu 4-2)

In this menu you can change the settings of the currently selected profile and create ringing tones of your own.

- *Ringing tone*: You can set the tone that you hear when you receive a call.

- *Ringing volume*: You can set the volume level for the ringing and message alert tones.

- *Incoming call alert*: You can select the way the phone notifies you of incoming voice calls. For example, when *Off* is selected, the phone stays silent when you receive a call.

- *Composer*: You can create your own ringing tones. Select the tone that you want to edit and

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Menu functions
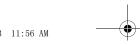
key in the notes. For example, press ⌴ for note **f**.

⌴ shortens (-) and ⌴ lengthens (+) the duration of the note or rest. ⌴ inserts a rest. ⌴ sets the octave. ⌴ makes the note sharp (not available for notes **e** and **b**). ⌴ and ⌴ move the cursor right or left. Press **Clear** to delete a note or rest to the left of the cursor.

When the tone is complete, press **Options** and select one of the following: *Play*, *Save* (saves the tone in the ringing tone list), *Tempo*, *Send*, *Clear screen*, *Exit*.

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

• *Message alert tone*: You can set the tone you hear when you receive a text message.

If you choose *Personal*, you can then choose a ringing tone to be the message alert tone.

• *Keypad tones*: You can set the volume for keypad tones.

• *Warning tones*: You can set the phone to sound tones e.g. when the battery is running out of power.

• *Vibrating alert*: You can set the phone to vibrate when you receive a call or a text message.

The vibrating alert does not work when the phone is connected to a charger, desktop stand, or a car kit.

• *Rhythmic backlight alert*: After you set this option on, whenever you receive a message or incoming call, the lights of the phone will flash following the rhythm of the current SMS alert tone, or the current incoming call alert tone.

## Call settings (Menu 4–3)

1. *Call divert*

You can divert your incoming calls to your voice mailbox or some other phone number (network service).

1. Scroll with ⌴ or ⌴ to the desired divert option, and press **Select**. For example, select *Divert when busy* to divert the calls when you are on a call or when you reject a call.

Several divert options may be active at the same time. When *Divert all voice calls without ringing* is activated, ⟍⟋ is shown on the display in standby mode.

2. Set the selected option on (*Activate*) or off (*Cancel*), check whether the option is activated by selecting *Status*, or specify a delay for certain diverts in *Set delay* (not available for all divert options).
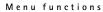
2. *Automatic redial*: You can set your phone to make up to ten attempts to connect the call after an unsuccessful call attempt.

3. *Speed dialling*: When this function is on, you can dial the names and phone numbers assigned to the speed dial keys ⌑2 abc⌑ to ⌑wxyz9⌑ by pressing and holding the corresponding key.

4. *Call waiting options*: When this network service is activated, the network notifies you of a new incoming call while you have a call in progress.

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

6. *Phone line in use*: With this network service you can select the phone line 1 or 2 for making calls, or prevent line selection, if supported by your SIM card.

Incoming calls can be answered no matter which line you select. However, you will not be able to make calls if you select line 2 without subscribing to this network service. When line 2 is selected, **"2"** is shown on the display in the standby mode.

☀ **Shortcut to switch the lines:** In standby mode, press and hold ⌑#⌑.

7. *Automatic answer*: You can set your phone to answer an incoming call after one ring when the phone is connected to the Plug and Play Handsfree (PPH-1) or the headset (HDC-5).

## Phone settings (Menu 4–4)

1. *Language*: You can select the language for the display texts.

2. *Cell info display*: You can set the phone to indicate when it is used in a cellular network based on Micro Cellular Network (MCN) technology (network service). In such a network, local calls may cost less than otherwise.

3. *Welcome note*: You can key in a message which will show briefly on the display when the phone is switched on.

4. *Network selection*: You can set the phone to automatically select a cellular network available in your area, or you may select the desired network manually. The network you select must have a roaming agreement with your home network.

5. *Lights*: You can set the display and keypad lights on or off when the phone is connected to the Plug and Play Handsfree (PPH-1).

6. *Confirm SIM service actions*: You can set the phone to show or hide confirmation messages when you use the SIM card services (see page 41).

## Keylock settings (Menu 4–5)

You can activate automatic keypad lock so that you do not have to do it manually time and time again.

The automatic key guard activates when the phone is in standby mode and the selected time delay expires.

**To activate automatic keylock:**

1. Enter *Keylock settings* by pressing **Select**, and choose *On*.

2. Key in the time in minutes and seconds after *Set delay:* appears on the display.
The default time is one minute (01:00). The maximum value for the delay is 59 minutes 59 seconds and the minimum is 10 seconds.

**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).

## Security settings (Menu 4–6)

**Note:** When security features, which restrict calls, are in use (call barring, closed user group and fixed dialling), calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

- *PIN code request*: You can set your phone to ask for the PIN code of the SIM card when the phone is switched on. Some SIM cards do not allow turning off this function.

- *Call barring service*: With this network service you can restrict the making and receiving of calls with your phone. Select one of the barring options and set the option on (*Activate*) or off (*Cancel*). check whether a service is activated by choosing *Status*.

- *Fixed dialling*: You can restrict your outgoing calls to selected phone numbers, if allowed by your SIM card.

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- *Closed user group*: With this network service you can specify a group of people whom you can call and who can call you.

- *Security level*: When the *Security level* is set to *Phone*, the phone asks for the security code at start-up if the SIM card inserted is not the one it last used. When the *Security level* is set to *Memory*, the security code is required when you select the phone's internal phone book.

  The security code is also required for using some functions, for example, to clear the phone book or to restore the factory settings.

  Note that when you change the security level, all the recent calls lists including missed calls (Menu 2-1), received calls (Menu 2-2) and dialled numbers (Menu 2-3), are cleared.

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

  **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 4-7)

You can reset the menu settings to their original values. This function has no effect, for example, on the names and phone numbers in the phone book.

## ■ Picture editor (Menu 5)

You can use this function to create new pictures or modify existing pictures and save them in the phone.

### Entering the drawing mode

- To create a new picture from scratch, do the following:
  1. In the standby mode, press **Menu**, scroll to *Picture Editor* and press **Select**.
  2. Choose *New*.
  3. Choose the format of the picture: *Picture msg.* or *Clip art*. Different formats are of different sizes.
  4. Draw the picture. See "Drawing the picture" on page 28.

- To modify an existing picture, choose either *Edit existing* from the picture editor's menu, or select a picture from *Picture messages* (Menu 01-5), then choose *Edit* from the options list.

- If your drawing process was interrupted by an incoming call, for example, or by pressing ⌐⍉⌐, you can resume by choosing *Continue* from the picture editor's menu.

## Drawing the picture

A "pen" is used together with the cursor to draw the picture. The pen controls whether you want to draw (*Pen down*, ⬛) or not (*Pen up*, ⬛ ). Move the cursor in the *Pen down* state to draw the picture. Move the cursor in the *Pen up* state to navigate the picture.

Press ⬇ to switch to *Pen down*, and press ⬆ to switch to *Pen up*. You may also press **Options**, and choose *Pen up* or *Pen down* from the list.

The *Colour* controls whether you want the line to be *Black* ( ⬛ ), *White* ( ☐ ), or *Dotted* ( ▦ ).

You can quickly toggle among the colours by pressing ⌐#⌐. You can also press **Options**, select *Colour*, and then make your choice.

The centre of the cursor shows the actual colour of the pixel beneath. Press ⌐5jkl⌐ to toggle the current pixel colour between black and white without changing the pen state.

**Cursor movement:** Cursor movement is achieved by using the number keys.

Respectively, ⌐2abc⌐ and ⌐8tuv⌐ correspond to up and down; ⌐4ghi⌐ and ⌐6mno⌐ correspond to left and right; while ⌐1∞⌐, ⌐3def⌐, ⌐7pqrs⌐ and ⌐9wxyz⌐ correspond to the four diagonal directions.

Press the corresponding number key once and the cursor moves one pixel. To move the cursor continuously, press and hold the corresponding number key.

## Drawing options

Press **Options** during the drawing process, you can get the following options in addition to the pen state and colour choices items mentioned previously:

*Insert*: You can choose to insert a line, a rectangle, a circle, some text and a clip art in your picture.

- *Line*: When you choose this option, the cursor is replaced by an insertion point. One end of the line is fixed, and you define the other end of the line by moving the insertion point using the number keys. Press **Insert** or ⌐5jkl⌐ to insert the line in the desired position.

- *Rectangle*: When you choose this option, the cursor is replaced by an insertion point. The size of the rectangle is adjusted by moving the insertion point using the number keys. Press **Insert** or ⌷5 jkl to insert the rectangle in the desired position.

- *Circle*: When you choose this option, the cursor is replaced by an insertion point. The size of the circle is adjusted by moving the insertion point using the number keys. Press **Insert** or ⌷5 jkl to insert the circle in the desired position.

- *Text*: You can insert a short text into the picture.

  After you have input the text, press **OK**. The text is placed above and to the right of the insertion point (where the cursor normally shows). Change the location of the text by moving the insertion point using the number keys.

  Press **Insert** or ⌷5 jkl to insert the text. The text cannot be edited after it is inserted.

- *Clip art*: You can choose a clip art picture from a list. Scroll the list using ⌷↑ and ⌷↑ and press **Use**. The clip art picture is placed with its top left-hand corner at the cursor's position. Change the location of the clip art picture by moving the cursor using the number keys. Press **Insert** or ⌷5 jkl to insert it.

*Fill*: After you select this from the **Options** list, move the cursor inside an enclosed area and press Fill. The area is then filled with the currently selected color: black, white or dotted.

*Clear all*: The current picture is cleared when you choose this option and press **OK** to confirm*Clear picture?*.

*Invert*: This option converts the black pixels of the picture to white, and white ones to black.

*Resize*: You can make a picture message from clip art, or vice versa.

To resize a picture message into clip art, select which part of the picture you want to use by moving the blinking frame. Use the same keys to move the frame as you use to move the cursor.

When you resize clip art into a picture message, the original clip art is placed in the middle of the new picture.

*Save*: You can save the current picture by choosing this option.

To save a picture message: If there is room for new picture messages, the picture is automatically saved to the empty location. If there is no room for new picture messages, choose a location from the list of existing pictures and then press **Replace**.

To save clip art: Select the location using scroll keys, then press **Replace**.

*Exit*: Exit the picture being edited and save the current state of the picture. You can choose *Continue* to modify this picture the next time you enter the picture editor.

*Undo*: If the previous operation is one in the following list, you can undo it by choosing this option.

- *Insert*
- *Fill*
- *Invert*
- *Clear all*

## ■ Games (Menu 6)

The phone offers you the following games to play: *Snake II*, *Space impact*, *Dance 2 Music*, *Bumper*, *Link5*, *Magic Draw*.

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

**Adjusting common game settings**

Scroll to *Settings* and press **Select**. Scroll to the desired setting and press **Select**.

You can set the sounds, lights, and vibrations (*Shakes*). Note that when the *Warning tones* function is off, there may be no sound even if *Sounds* function is on; and when the *Vibrating alert* function is off, the phone does not vibrate even if the *Shakes* function is on.

**Starting a game and adjusting game-specific settings**

Scroll to *Select game* and press **Select**. Scroll to the game you wish to play, and press **Select**.

You can start the game (*New game*), view the highest scores so far (*High scores*), change the game's settings or view a help text about the game (*Instructions*). To resume a game that has been paused, select *Continue*.

## ■ Calculator (Menu 7)

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

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

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

### Making a calculation

- The keys 0 to 9 insert a digit. # inserts a decimal point. Press **Clear** to delete the last digit. To change the sign, press **Options** and select *Change sign*.

- Press * once for "+", twice for "-", three times for "*" and four times for "/".

- To get the result, press **Options** and select *Equals*.

- Press and hold **Clear** to clear the display for a new calculation.

### Making a currency conversion

1. Set the exchange rate: Press **Options**, select *Exchange rate*, choose *Foreign unit expressed in domestic units* or *Domestic unit expressed in foreign units*, key in the value (press # for a decimal point), and press **OK**.

2. To make the conversion: Key in the currency amount to be converted, press **Options**, and select *In domestic* or *In foreign*.

## ■ Reminders (Menu 8)

With this memory aid you can save short text notes with an alarm. The alarm is activated when the set date and time is reached.
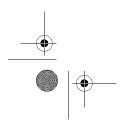
**Note:** Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

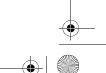Scroll to one of the following functions and press **Select**:

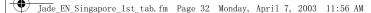- *Add new*: Key in a note and press **OK**. You can add an alarm to the note if you like.

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- *View all*: Shows all the reminders. You can browse through the notes with ⬇ or ⬆. Press **Options** for the following: *Erase*, *Edit*, *Send* (sends the note without alarm as a text message to a compatible phone).
- *Erase*: You can delete the notes one by one or all at once.

When the reminder time is reached, you may stop the alarm by pressing **OK**. If you press **Snooze**, the phone alarms again in about ten minutes.

## ■ Clock (Menu 9)

In this menu you can adjust and use the time-related features of your phone.

## Alarm clock (Menu 9-1)

You can set the alarm to sound at the desired time just once, or repeatedly, for example every working day.

To set the alarm to repeat

1. Go to this menu, key in the time and press **OK**.
2. Choose *Repeat alarm* from the list.
3. Mark the days (Monday to Sunday) when you want the alarm clock to be on by pressing **Mark**. Press **Unmark** to cancel the days you have marked.

4. Save the settings by pressing **Back**, and then **Yes** to confirm.
5. To change the alarm time, select *Adjust* from the alarm clock menu.

When alarm sounds, you can stop the alarm by pressing **Stop**. If you press **Snooze**, the alarm stops and rings again in five minutes. If the alarm sounds for one minute, the alarm will stop and sound again after about five minutes.

If the alarm time is reached while the phone is switched off, the phone switches itself on and starts sounding the alarm tone. If you press **Stop**, the phone asks whether you want to activate the phone for calls. Press **No** to switch off the phone or **Yes** to make and receive calls.

> **Note:** Do not press **Yes** when wireless phone use is prohibited or when it may cause interference or danger.

## Clock settings (Menu 9-2)

You can set the phone to show the current time in standby mode, adjust the time, and select the 12-hour or 24-hour time format.

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

### Date setting (Menu 9-3)

You can set the correct date. If the battery is removed from the phone, you may need to set the date again.

### Chinese lunar calendar (Menu 9-4)

You can only use this function when the phone's Language is set to simplified or traditional Chinese.

When you enter this menu, the solar date, as well as the lunar information, such as lunar year, lunar date and "Jieqi" if available, are presented on the display.

You can browse the lunar calendar using the scroll keys.

To check the lunar information of a certain solar date, press **Search**. Input the new date in the query window and press **OK**. The date you input should be between 2000 and 2090. Press **OK**, and the lunar information for the date will be presented.

### Stopwatch (Menu 9-5)

You can use the Stopwatch function to measure time in various sports. Press **Start** to start timing and press **Stop** to stop it. When the timing is stopped, **Options** allows access to the following: *Start*, *Reset*, *Exit*.

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

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

### Countdown timer (Menu 9-6)

You can set the alarm to sound after a period of lapsed time.

Key in the alarm time and press **Start**. In this menu you can also choose to change the lapsed time and stop the timer.

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

When the alarm time is reached, the phone sounds a tone and flashes the related text. Press any key to stop the alarm.

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

## Auto update of date and time (Menu 9-7)

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

## ■ WAP services (Services – Menu 10)

In this menu you can access various WAP (Wireless Application Protocol) services such as banking, online games, and entertainment. These services are specifically designed for mobile phones and they are maintained by WAP service providers.

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

Note that WAP services use Wireless Mark-up Language (WML) on their WAP pages. Web pages using the Hyper-Text Mark-up Language (HTML) 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.

### Basic steps for accessing and using a WAP service

1. Make the connection settings needed to access the WAP service you wish to use.

   See "Setting up the phone for a WAP service" on page 34.

2. Make a call, i.e. connection, to the WAP service. See "Making a connection to a WAP service" on page 36.

3. Start browsing the pages of the WAP service. See "Browsing the pages of a WAP service" on page 37.

4. When you have finished browsing, end the connection to the WAP service. See "Ending a WAP connection" on page 38.

### Setting up the phone for a WAP service

You may obtain the connection settings as a text message from the network operator or service provider offering the WAP service that you wish to use.
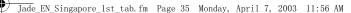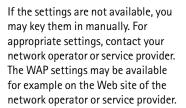
If the settings are not available, you may key them in manually. For appropriate settings, contact your network operator or service provider. The WAP settings may be available for example on the Web site of the network operator or service provider.

## Saving the settings received as a text message

When you receive the connection settings as a text message, *Service settings received* is displayed.

- To save the received settings: Press **Options**, scroll to *Save*, and press **Select**.

- If you want to view the settings before saving them: Press **Options**, scroll to *View*, and press **Select**. Press **Save** to save the settings.

## Keying in the connection settings manually

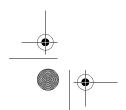For appropriate settings, contact your network operator or service provider.

1. In the *Services* menu, scroll to *Settings* and press **Select**.

2. Press **Select** when *Connection settings* is displayed.

3. Scroll to a set of connection settings and press **Options**.

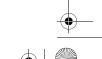   A set is a collection of settings needed for making a connection to a WAP service.

4. Scroll to *Edit* and press **Select**.

5. Scroll to each of the settings below and press **Select**.

   - *Homepage*: Key in the homepage address of the WAP service you want to use (press ⬚ for a dot), and press **OK**.

   - *Connection type*: Scroll to *Continuous* or *Temporary*, and press **Select**.

   - *Connection security*: Scroll to *On* or *Off*, and press **Select**.

     When the connection security is on, the phone tries to use a secure connection with the WAP service. If a secure connection is not available, the connection will not be made. If you wish to connect using a non-secure connection, set the connection security to *Off*.

   - *Bearer*: Press **Select** to choose *Data*. For pricing, connection speed and other information, contact your network operator or service provider.

   - *Dial-up number*: Key in the number and press **OK**.

   - *IP address*: Key in the address (press ⬚ for a dot) and press **OK**.

   - *Authentication type*: Scroll to *Secure* or *Normal*, and press **Select**.

- *Data call type*: Scroll to *Analogue* or *ISDN*, and press **Select**.
- *User name*: Key in the user name (press ⌑ for a dot) and press **OK**.
- *Password*: Key in the password and press **OK**.

6.  To rename the set, choose *Rename* from the **Options** menu.

## Making a connection to a WAP service

**First, activate the settings of the WAP service:**

1.  In the *Services* menu, scroll to *Settings* and press **Select**.

2.  Scroll to *Connection settings* and press **Select**.

3.  Scroll to the appropriate setting set and press **Options**.

4.  Scroll to *Activate* and press **Select**.

If you want to use the same WAP service (the one you accessed using the *Home* option in the *Services* menu) as the last time, you do not need to activate its settings again.

**Next, do one of the following to connect to the WAP service:**

- Open the homepage of the WAP service: In the *Services* menu, scroll to *Home* and press **Select**.

- Select a bookmark of the WAP service: In the *Services* menu, scroll to *Bookmarks* and press **Select**. Scroll to the desired bookmark and press **Options**. Scroll to *Go to* and press **Select**.

  Make sure that the currently active set of connection settings can be used with the WAP page to which the bookmark refers. If the bookmark does not work (in this case *Check service settings* may be displayed), change the set of connection settings and try again.

- Enter the address of the WAP service: In the *Services* menu, scroll to *Go to address* and press **Select**. Key in the address (press ⌑ for special characters) of the WAP service and press **OK**.

  Note that it is not necessary to add the prefix http:// in front of the address since it will be added automatically. If you are using a protocol other than http (such as ftp), add the appropriate prefix.

  **Start the connection in standby mode**: If you have activated the settings of the WAP service, you can connect to the WAP service in the standby mode by pressing and holding ⌑.

**English**

## Browsing the pages of a WAP service

Once you have made a connection to the WAP service, you can start browsing its WAP pages.

The function of the phone keys may vary in different WAP services. Follow the guiding texts on the display. For more information, contact your WAP service provider.

## General guidelines for using the keys

- Use ⬇ or ⬆ to browse the WAP page and highlight the desired item. The item can be, for example, underlined text, i.e. a 'link'.

- Press 📞 to activate a highlighted link.

- Press 🔢 to 🔢 to enter letters and numbers and 🔢 to enter special characters.

- When you are browsing, press **Options** for the following options. Scroll to the desired option and press **Select**.

  *Home*: Takes you back to the homepage of the WAP service.

  *Reload*: Refreshes the WAP page.

  *Select*: Selects a link or any other highlighted item on the WAP page.

  *Back*: Takes you back to the WAP page viewed previously.

*Appear. setting*: You can wrap the text lines and hide the images on the WAP page. For details, see "Adjusting the appearance settings of WAP pages" on page 38.

*Bookmarks*: You can manage bookmarks, e.g. save the current WAP page as a bookmark. For details, see "Saving and managing bookmarks" on page 38.

*Service inbox*: You can see a list of pushed messages sent by your service provider. For more information, please refer to "Service inbox" on page 40.

*Use number*: Copies a number from the current WAP page for saving or calling, and ends the call. If the WAP page contains several numbers, you can select the desired one.

*Go to address*: You can make a connection to the desired WAP page. Key in the WAP address (press 🔢 for a dot) and press **OK**.

*Clear cache*: Empties the cache memory of the phone (see "Emptying the cache memory" on page 39).

*Security info*: Shows whether the connection is secure.
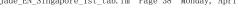
*Exit*: Quits browsing and ends the call.

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*View picture*: You can scroll a picture or animated picture which cannot be entirely shown on the display. [↑] and [↓] (or [8 tuv] and [2 abc] ) scroll the picture up or down. [4 ghi] and [6 mno] scroll the picture left or right. Press **Options** for the following: *Next picture*, *Prev. picture* or *Save picture*. With the *Save picture* option you can save pictures as normal screen savers. If the picture to be saved is too large for a screen saver, move the box shown over the picture to select the area that you want to save and press **Select**.

## Ending a WAP connection

When you are using a WAP service:

- Press **Options**, scroll to *Exit*, and press **Select**. When the text *Quit browsing?* is shown, press **Yes**.

  The phone terminates the connection to the WAP service and ends the call.

- When browsing with Data as bearer, press [📞] once to end the data call. Press [📞] once more and the phone will exit the browser without any confirmation.

## Adjusting the appearance settings of WAP pages

1. **When no WAP connection is in progress:** In the *Services* menu, select *Settings*, then select *Appearance settings*.

   **When a WAP connection is in progress:** Press **Options** and select *Appear. setting*.

2. Select *Text wrapping* or *Show images*,

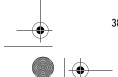3. Select *On* or *Off* for *Text wrapping* and *Yes* or *No* for *Show images*.

   When *Text wrapping* is set to *On*, the text continues on the next line if it cannot be shown on one line.

   When *Show images* is set to *No*, any pictures appearing on the WAP page are not shown. This may speed up the browsing of WAP pages that contain a lot of pictures.

## Saving and managing bookmarks

### When no WAP connection is in progress

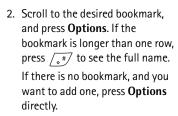1. In the *Services* menu, scroll to *Bookmarks* and press **Select**.

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2. Scroll to the desired bookmark, and press **Options**. If the bookmark is longer than one row, press ⌷ to see the full name.

   If there is no bookmark, and you want to add one, press **Options** directly.

3. Scroll to one of the following options and press **Select**.

   - *Add bookmark*: You can create a new bookmark without connecting to a WAP service. Key in the address of the WAP page and press **OK**. Key in a name for the WAP page and press **OK**.

     If there is no bookmark saved in the phone, this is the only option you can choose.

   - *Go to*: Makes a connection to the WAP page associated with the bookmark.

   - *Edit*: You can modify the selected bookmark.

   - *Erase*: You can delete the selected bookmark.

   - *Send bookmark*: You can send the selected bookmark as a text message to another phone.

Note: Your phone may have some pre-installed bookmarks for sites not affiliated with Nokia. Nokia does not warrant or endorse these sites. If you choose to access them, you should take the same precautions, for

security or content, as you would with any site.

## When a WAP connection is in progress

1. Press **Options**, scroll to *Bookmarks*, and press **Select**.

2. Scroll to the desired bookmark and press **Options**.

3. In addition to the options in the previous section, you can choose *Save bookmark* to save the current WAP page as a bookmark.

## Emptying the cache memory

**Note:** The information or services you have accessed are stored in the cache of your phone. A cache is a buffer memory, which is used to store data temporarily. If you have tried to access or have accessed confidential information requiring passwords (for example, your bank account), empty the cache of your phone after each use.

To empty the cache memory: In the *Services* menu, scroll to *Clear cache* and press **Select**.

## Service inbox

The phone is able to receive service messages (pushed messages) sent by your service provider. Service messages are notifications of, for example, news headlines, and they may contain a text message or address of a WAP service.

1. **To access service inbox when no WAP connection is in progress**

   When you have received a service message, *1 service message received* will be displayed. Press **View** to access *Service inbox*.

   If you press **Exit** the message is moved to *Service inbox*. To access *Service inbox* later, press **Menu**, select *Services*, and *Service inbox*.

2. **When a WAP connection is in progress**

   Press **Options** and select *Service inbox*.

   Scroll to the message you want and press **Options**.

   Select *Download* to activate the WML browser and the downloading of indicated content.

   Select *Details* to display the detailed information on the service notification.

   Select *Erase* to delete the selected service notification.

## To set the phone to receive service messages

Press **Menu**, select *Services*, *Settings*, *Service inbox settings*, and *Service messages*. To set the phone to receive service messages, select *On*. If you select *Off*, the phone will not receive service messages.

## Security certificates

For using some WAP services such as banking services, you need a security certificate. Using the certificate can help you to improve the security of connections between your phone and a WAP gateway or WAP server, if the *Connection security* option is set to *On*.

You can download the certificate from a WAP page if the WAP supports the use of security certificates. After the download, you can view the certificate and then save or delete it. If you save the certificate, it is added to the list of certificates in the phone.

You can only be sure that a WAP gateway or WAP server is the one it claims to be after its identity has been checked against the corresponding certificate in the phone.

You will see a note on the phone display if the identity of the WAP server or WAP gateway cannot be verified, the WAP server or WAP gateway certificate is not authentic or if you do not have the right certificate in your phone.

**To view the list of security certificates:**

1. In the *Services* menu, scroll to *Settings* and press **Select**.

2. Scroll to *Security certificates* and press **Select**.

**Security icon**

If the security icon ( ) is displayed during a WAP connection, the data transmission between the phone and the WAP gateway or WAP server is encrypted and secure. The WAP gateway or WAP server is identified by the *IP address* (if the bearer is Data) setting in the *Connection settings*.

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.
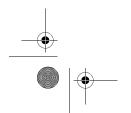
■ **SIM services (Menu 11)**

This menu is shown only if your SIM card provides additional services. The name and contents of this menu depend on the services available.
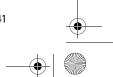
**Note:** For availability, rates and information on using SIM services, contact your SIM card vendor, e.g. network operator, service provider or other vendor.

**English**

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# 6. Battery statements

## ■ Charging and Discharging

Your phone is powered by a rechargeable battery.

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

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

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

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

For good operation times with Ni-Cd/NiMh batteries, discharge the battery from time to time by leaving your phone switched on until it turns itself off (or by using the battery

discharge facility of any approved accessory available for your phone). Do not attempt to discharge the battery by any other means.

Use the battery only for its intended purpose.

Never use any charger or battery which is damaged.

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

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

Do not dispose of batteries in a fire!

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

# 7. Genuine Accessories

A new extensive range of accessories is available for your phone. Select the accessories which accommodate your specific communication needs.

Some of the accessories are described in detail below.

For availability of the accessories, please check with your local dealer. A few practical rules for accessories operation:

- Keep the accessories out of small children's reach.

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

- Check regularly that all mobile phone equipment in a vehicle is mounted and operating properly.

**Use only batteries, chargers and accessories approved by the phone manufacturer. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.**

## ■ Battery

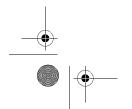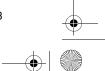| Type | Tech | Capacity | Talktime | Standby |
|------|------|----------|----------|---------|
| BLB-2 | Li-Ion | 830 mAh | 2 hrs 20 mins – 3 hrs 50 mins | 60 hrs – 170 hrs |

## ■ Indoor

### Fast & Light Charger (ACP-8)

Extremely light, the functionally designed multi-voltage Fast and Light Charger, ACP-8, charges your phone battery quickly. Plug the charger into a wall socket and insert the connector to the bottom of your phone.



plug types vary according to different markets

The charging time is approximately 2 hours 10 minutes for BLB-2 battery. Check the charging status on the phone display. You may use your phone while charging. Charger can also be used with the battery charging stand, DDC-1.

### Battery Charging Stand (DDC–1)

The Battery Charging Stand provides you with a compact solution to charge your spare battery. Charging status is indicated by the light. Red light indicates charging; green light indicates charging is completed. If the charging is disabled due to battery temperature, indication is given by rapid red and green flashes. For operation, safety, care and maintenance, see your phone's user guide.



### ■ Indoor and Vehicle

### Personal Headset Kit (HDC–5)

The compact and functional personal Handsfree Kit with Remote Control. By using the remote control option, you can answer and end calls by pressing the button on the microphone part of the Personal Handsfree. A cost-effective, hands-free solution for indoor or outdoor use.



### Boom Headset (HDB–5)

Compact and functional, the Boom Headset provides you with a convenient, portable hansfree facility. For operation, safety, care and maintenance, see yuor phone's user's guide.

# ■ Vehicle

## Mobile Charger (LCH–9)

The multi-voltage Mobile Charger, LCH-9, ensures your phone is always ready for use whenever you travel. This small charger's functional design fits most car lighters and interiors.

A green light indicates that the Mobile Charger is ready for charging. Check the charging status on the phone display. The input voltage can be 12 or 24 V DC, negative grounding.
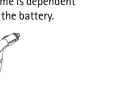
Avoid prolonged charging with the Mobile Charger when the car engine is not running; this may cause the battery of your car to drain. Note also that in some cars the cigarette lighter plug is not provided with electricity if the ignition is switched off. Verify that the green LED light is on.
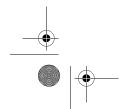
## Plug and Play Handsfree (PPH–1)

To provide you with a convenient and portable handsfree facility while in vehicle, this kit comes with a built-in speaker which allows you to talk and charge your phone at the same time. You should ensure that the kit, which requires an input voltage of 12 volts, can be properly plugged into the cigarette lighter socket and does not hamper the operation of your vehicle. Simply connect the mobile charger to your vehicle's cigarette lighter socket and to your phone. Should be used together with an in-vehicle holder. May be used with or without optional external microphone HFM-8. Charging time is dependent on the condition of the battery.



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## ■ Mobile Inductive Loopset (LPS–3)

The LPS-3 is a convenient, easy-to-use portable accessory for users of hearing aids. It connects directly to the bottom of the phone and enables you to use a hearing aid together with your mobile phone.
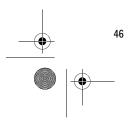
The LPS-3 is worn round the neck and contains a microphone within the device, so you do not need to hold the phone near your ear.

The operation of this device is based on induction technology used in public places: a loop system sends out wireless sounds which are picked up by the telecoil of the hearing aid (switched to T mode).

# 8. Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfil any warranty obligations and to enjoy this product for many years.
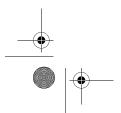
- Keep the phone and all its parts and accessories out of the reach of small children.

- Keep the phone dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits.

- Do not use or store the phone in dusty, dirty areas. Its moving parts can be damaged.

- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

- Do not store the phone in cold areas. When it warms up (to its normal temperature), moisture can form inside, which may damage electronic circuit boards.

- Do not attempt to open the phone. Non-expert handling may damage it.

- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.

- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.

- Do not paint the phone. Paint can clog the moving parts and prevent proper operation.

- Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications or attachments could damage the phone and may violate regulations governing radio devices.
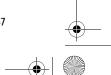
All of the above suggestions apply equally to your phone, battery, charger or any accessory. If any of them is not working properly, take it to your nearest qualified service facility. The personnel there will assist you and, if necessary, arrange for service.
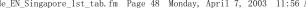
**English**

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# 9. Important Safety Information

## ■ Traffic Safety

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

Remember road safety always comes first!

## ■ Operating environment

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

Use the phone only in its normal operating positions.

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

## ■ Electronic devices

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

### Pacemakers

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

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

### Hearing aids

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

### Other medical devices

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they

are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

### 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.

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

aircraft, disrupt the wireless telephone network and may be illegal.

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 landing networks as well as user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore you should never rely solely upon any wireless phone for essential communications (e.g. medical emergencies).

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

### To make an emergency call:

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

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

2. Press ⌁ as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display and ready the phone for calls.

3. Key in the emergency number for your present location (e.g. 112 or other official emergency number). Emergency numbers vary by location.

4. Press ⌁ key.

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

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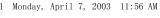
**English**

## ■ Certification information (SAR)

THIS MODEL PHONE MEETS REQUIREMENTS FOR EXPOSURE TO RADIO WAVES

Your mobile phone is a radio transmitter and receiver.  It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg*. Tests for SAR are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

The highest SAR value for this model phone when tested for use at the ear is 0.63 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the relevant international guidelines for RF exposure.

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at www.nokia.com.

# Limited Warranty

Nokia Corporation, represented by its Mobile Phones Division, ("Nokia") warrants that this Nokia product and/or genuine Nokia accessory ("Product") is free from defects in material and workmanship, according to the following terms and conditions:

1.  This limited warranty provided for the Product shall be twelve (12) months from the date of purchase of the Product.
2.  This limited warranty applies only to Products purchased in one of the countries (or areas) listed below. This limited warranty is only valid in Nokia's intended country (or area) of sale of the Product.
3.  During the limited warranty period, Nokia or its authorized service network will repair or replace, at Nokia's option, any defective Product or parts thereof with new or refurbished replacement items, and return the Product to the consumer in working condition. No charge will be made to the consumer for either parts or labor in repairing or replacing the Product. All original parts, boards or equipment which have been replaced shall become property of Nokia.
4.  Any repaired or replaced Product will be warranted for the balance of the original warranty period or for ninety (90) days from the date of repair, whichever is longer.
5.  The consumer must provide purchase receipt or other information to prove the date and place of purchase upon request from Nokia or its authorized service centre.
6.  Transportation, delivery and handling charges incurred in the transport of the Product to and from Nokia or its authorized service center will be borne by the consumer. Any expenses relating to uninstalling or reinstalling the Product are not covered under this limited warranty.
7.  The consumer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:
    a)  The Product has been subject to: abnormal use, abnormal condition, improper storage, exposure to excessive moisture, dampness, temperature or such other environmental conditions; unauthorized modifications, connections, repair including but not limited to use of unauthorized spare parts in repairs; misuse, neglect, abuse, accident, alteration, tampering, improper installation, Acts of God, spill of foods or liquids, or other acts which are beyond the reasonable control of Nokia; and fair wear and tear of the Product.
    b)  The Product was presented for repair after the applicable limited warranty period. In such event, Nokia's normal service policies shall apply and the consumer will be charged accordingly.
    c)  The Product serial number or the accessory date code has been removed, defaced or altered.
    d)  The defect or damage was caused by defective function of the external cellular or wireless network system.
    e)  The Product was used with or connected to any accessory not supplied or authorised by Nokia or any accessory not fit for use with the Product.
    f)  The battery pack was tampered with or used in non-compatible Products.
    g)  The defect or damage was caused by the use of any program, software or game application(s) loaded in or used with the Products which were not installed, approved or endorsed by Nokia.
8.  If a problem develops during the limited warranty period, the consumer shall deliver the Product to any Nokia Care location or Nokia authorised service centre. The consumer may contact the local Nokia office for the location of the nearest authorised service centre. The consumer shall be charged for any parts or labor not covered by this limited warranty.
9.  Nokia reserves the right to refer the consumer to the relevant cellular operator in the event that the Product contains operator specific features before any service will be provided.
10. THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY ARE IN ADDITION TO ANY OTHER RIGHTS AND REMEDIES UNDER ANY APPLICABLE LEGISLATION THAT CANNOT BE EXCLUDED. OTHERWISE, TO THE EXTENT PERMITTED BY LAW, ANY IMPLIED WARRANTY IS EXCLUDED AND THE FOREGOING WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. TO THE EXTENT PERMITTED BY LAW, NOKIA SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OR A LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OR IMPAIRMENT OF PRIVACY OF CONVERSATIONS, WORK STOPPAGE OR LOSS OR IMPAIRMENT OF DATA ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT.
11. Nokia does not authorise any service centre, person or entity to undertake any other obligation or liability on Nokia's behalf beyond that which is expressly provided for in this limited warranty.
12. All warranty information, product features and specifications are subject to change without notice.
13. The countries (or areas) in which this limited warranty is in force, subject to clause 2 above, are Bangladesh, Brunei, Cambodia, Fiji, Guam, India, Indonesia, Laos, Malaysia, Myanmar, Papua New Guinea, Singapore, South Korea, Sri Lanka, Tahiti, Thailand, The Philippines and Vietnam.
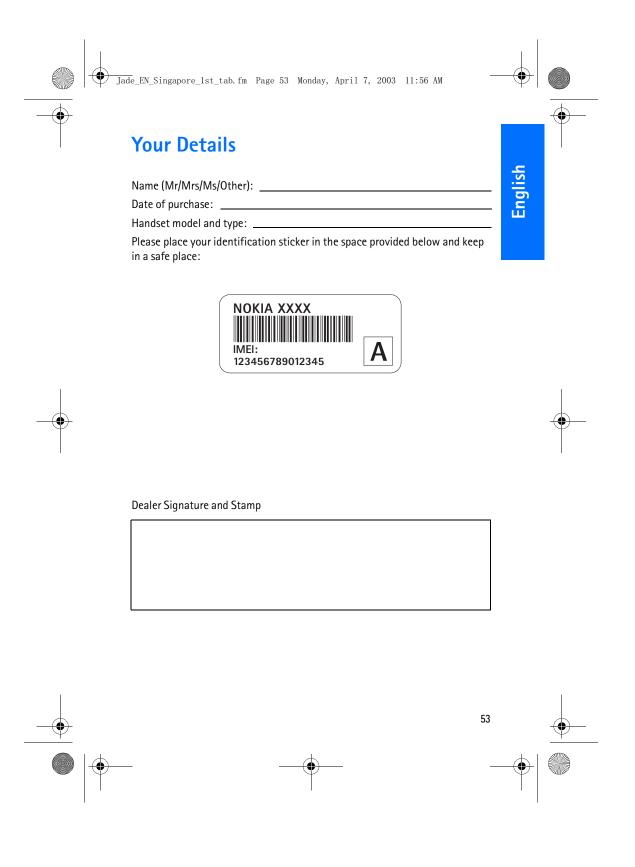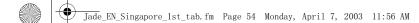
# Your Details

Name (Mr/Mrs/Ms/Other):

Date of purchase:

Handset model and type:

Please place your identification sticker in the space provided below and keep in a safe place:

**NOKIA XXXX**

**IMEI:**
**123456789012345**

**A**

Dealer Signature and Stamp

# Index

**English**