NOKIA
6310i

User Guide

NOKIA

9:30 am

NOKIA
6310i

Menu   Names

Digital

NOKIA

Nokia 6310i phone at a glance

Infrared lens

Power key

Earpiece

NOKIA

Volume key

9:30 am

NOKIA
6310i

Menu   Names

Display screen

Selection key

Selection key

Scroll key

Scroll key

Talk key

End key

1 ⌒   2 abc   3 def
4 ghi   5 jkl   6 mno
7 pqrs   8 tuv   9 wxyz

Number keys

Star key

* +   0 ⌴   # ⇧

Pound key

Digital

Microphone
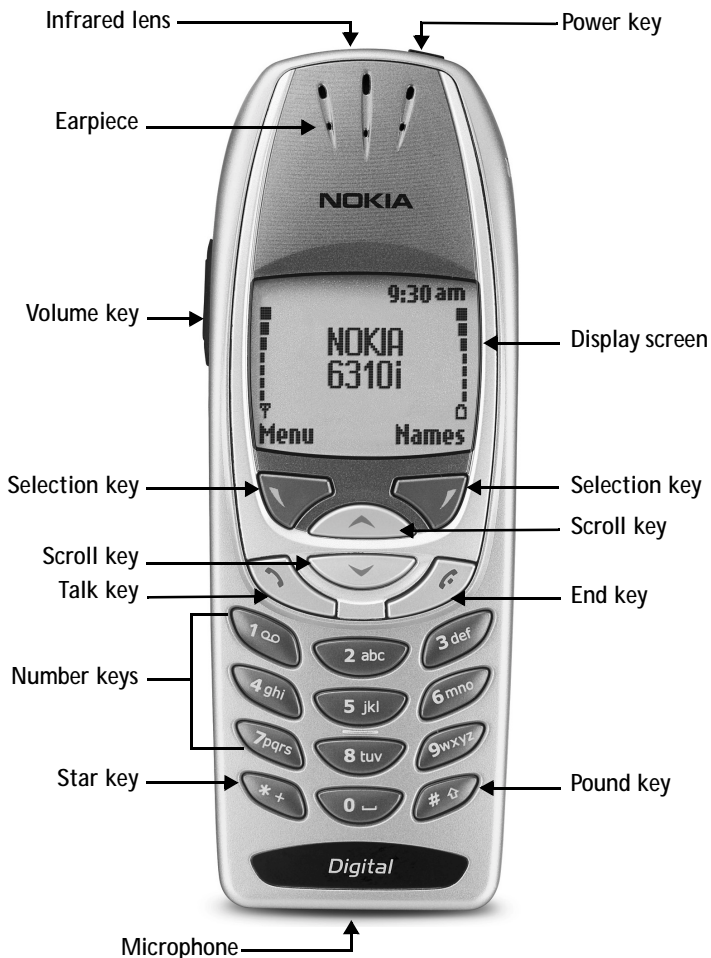
Quick guide to functions

Make a call	Enter a phone number, press ✆
Answer a call	Press ✆ or Answer
Answer a call with call waiting	Press ✆
End a call	Press ✆
Silence a call	Press Silence
Decline a call	Press ✆ or press Decline after pressing Silence
Redial	Press ✆ twice
Adjust call volume	Press up or down on the side volume key
Use the in-call menu	Press Options while in a call
Use 1-touch dialing	Press and hold keys 1 through 9. You must first assign a number in the phonebook to one of these numbers.
Save a name and number	Enter a number, press Options and select Save, then enter a name and press OK
Recall a name/number	Press Names, select Find
Recall a name/number during a call	Press Options, scroll New call, press Select, press Find, enter first letter of the name
Check voice mail	Press and hold 1 OR call your voice mailbox number (contact service provider for complete details)
Send a text message	Press Menu 01-1. Write the message. Press Options, scroll to Send, press Select, enter the recipient's number, press OK
Read new message	Press Show, then press Select
Reply to a message	Press Options, select Reply, select As message, choose a reply option, write the reply, press Options, select Send, then press OK
Send an electronic business card)	Recall a name from the phone book, press Details, press Options, select Send bus. card, select Infrared, Text msg. or Bluetooth, enter the recipient's number, press OK.

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

LEGAL INFORMATION

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US Patent No 5818437 and other pending patents.

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

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FCC/INDUSTRY CANADA NOTICE

Your phone may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC or Industry Canada can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, contact your local service facility. This device complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.

NOTES

Contents

Safety first

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

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

ROAD SAFETY COMES FIRST
Don't use a hand-held phone while driving.

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

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

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

SWITCH OFF WHEN REFUELING
Don't use the phone at a refueling point. Don't use near fuel or chemicals.

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

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

OBSERVE INFRARED PRECAUTIONS

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

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 wireless 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 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 📞. To end a call, press 📵. To answer a call, press 📞.

EMERGENCY CALLS

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

Welcome to Nokia

Congratulations on your purchase of the Nokia 6310i mobile phone!

Your phone can be connected to a compatible PC, laptop, or other device using a Bluetooth connection, a data cable, or built-in infrared (IR) port. For more information, please refer to the PC Connectivity Guide, which can be downloaded from the Internet at: **www.nokia.ca**.

• GET THE MOST OUT OF THIS GUIDE

Follow graphic clues

Icons appear throughout this guide to alert you of important information or to provide useful tips.

Tip: Indicates a shortcut or alternate method of doing something.

Note: Explains a feature or points out an important concept.

Important: Indicates critical information on using a feature.

Caution: Warns you when you may lose information.

Warning: Helps to avoid injury, phone, or property damage.

User Guide Chapters Follow Menu Structure

Chapters 1-13 of this User Guide follow the menu structure of your phone. The numbered tabs along the right outside edge of the page tell you the chapter (and menu number) you are reading about.

Look for updates

From time to time, this guide is updated to reflect changes or corrections. The latest version may be available at Nokia's Internet site at **www.nokia.ca**.

• NETWORK SERVICES AND YOUR WIRELESS PROVIDER

Note: A number of features included in this guide are called Network Services. These are special services that you arrange through your wireless service provider. Before you can take advantage of any of these Network Services, you must subscribe to them through your service provider and obtain instructions for their use from your service provider. In many cases, the provider will furnish descriptions of their services and specific instructions for using features such as:

- Voice mail
- Call waiting, call forwarding, and caller ID
- Email, text and picture messaging
- News and information services
- Other select services, including Internet, GPRS, Java, Wallet, etc.

Note: Some networks may not support all language-dependent characters and/or services. Before you sign up, make sure a wireless provider supports the features that you need.

Note: Wherever possible, network dependent features are identified within the description of the feature.

• LEARN ABOUT ACCESSIBILITY SOLUTIONS

Nokia is committed to making mobile phones easy to use for all individuals, including those with disabilities. For more information, visit the Nokia World Wide Web site:

www.nokiaaccessibility.com

Alternate format user guides

This user guide may be available in alternate formats, including: Braille, Large print, Audiocassette, E-text (electronic documents on a 3.5-inch disk, in Microsoft Word or WordPerfect format).

To request any format, call Nokia Customer Care at (888) 226-6542.

LPS-1 Mobile Inductive Loopset

The LPS-1 Mobile Loopset gives people with T-coil equipped hearing aids the ability to make and receive calls without noise interference.

The loopset gives hearing-impaired users clear access to digital telephony for the first time.

The loopset is easy to use. You wear the loopset around your neck, connect it to your phone, and speak directly toward the microphone.
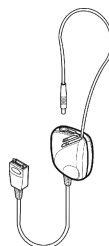
> **Note:** The loopset can be purchased separately as an accessory. For detailed instructions, refer to the booklet that comes with the LPS-1.

For more information on this and other Nokia accessories, see "Accessories" on page 115.

Accessible features

The 6310i phone has many accessible features, including:

- A nib below the $\boxed{5_{jkl}}$ key for quick reference to the keypad.

- Tactile feedback when you press a key.

- Ability to send and receive short text messages.

- Convenience of one-touch dialing.

- Ability to define ring tones for different caller groups.

- Voice dialing and voice commands for handsfree operation.

- Ability to compose own ring tones with PC Suite Software.

• BEFORE YOU CONTACT NOKIA

If you need help, Nokia Customer Service is available for assistance. However, we recommend that you write down the following information and have it available if you call. Phone specific information can be found on your phone's label, which is on the back of the phone, beneath the battery.
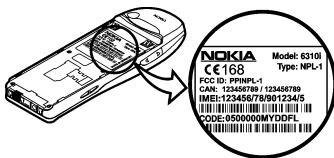
- The International Mobile Equipment Identifier (IMEI)
- You may also be asked to provide your postal code

Have your phone or accessory handy

Please have your phone or accessory with you when you contact any of the numbers below.

Customer Interaction Center
Nokia Products Ltd. 601 Westney Rd. South Ajax, Ontario L1S 4N7
Tel: 1-905-427-1373 1-888-22-NOKIA (1-888-226-6542)
Fax: 1-905-427-1070

• ABOUT THE ANTENNA

Tip: 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 optimizes the antenna
performance and the talk time of your phone.

Caution: Watch for possible overheating. It is normal for your
phone to become somewhat hot during use. If the phone becomes
too hot, it automatically drops the call and returns to the **Start**
screen. You will not be able to make or receive calls until the phone
cools down.

Review the basics

• A LOOK AROUND YOUR NOKIA PHONE

LEFT SIDE

Internal antenna

Volume keys

TOP

Infrared port

Power Key

Home

Menu

Names

BOTTOM

Headset/Data cable Connector

Charger Jack
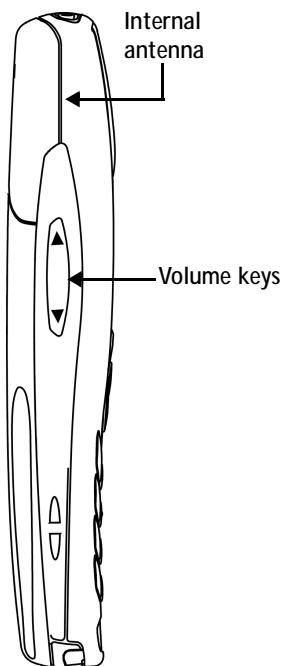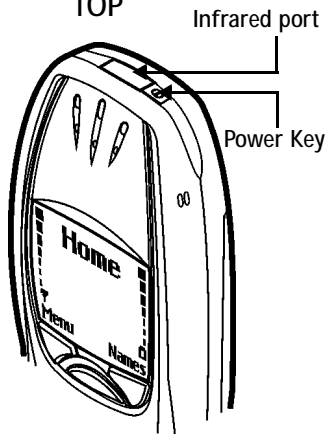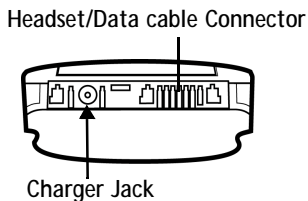
• INSTALL THE SIM CARD AND BATTERY

⚠ **Caution:** Keep all miniature SIM cards out of the reach of small children.

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

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

• With the back of the phone facing you, press the release button (1). Slide the battery off the phone (2).
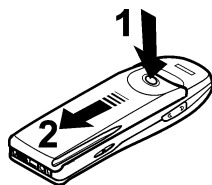
• Ensure that the SIM card holder is pushed to the right (3).
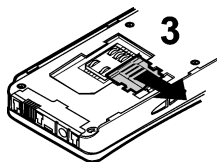
• Insert the SIM card into the phone (4). Make sure that the SIM card is inserted properly and that the golden contact area on the card is facing downwards.
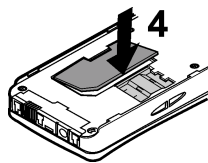
• Slide the card holder over the SIM card to lock the card in its place (5).

[9]
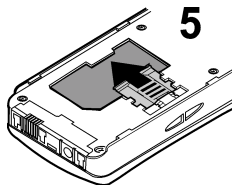
- Place the battery on the back of the
  phone (6) and slide it up the body of
  the phone until it locks into place (7).
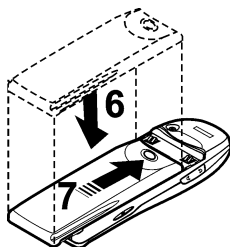
• CHARGE THE BATTERY

1 With your phone on or off, connect
   the plug from the charger to the
   bottom of the phone.
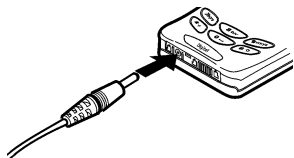
2 Plug the charger into a standard AC outlet.

- After a few seconds, the battery indicator in the display
  starts to scroll from bottom to top.

- When the battery is charged, the bar on screen stops
  scrolling and **Battery full** appears (if the phone is on).
  To obtain 100% battery capacity, charge the battery
  for another two hours.

> **Note:** Be sure to unplug the phone and charger once charging
> is complete.

Important Battery Notes
Use the following guidelines to obtain the best performance from
your battery:

- With your phone turned off, **charge your new battery for four
  hours before its first use**. Use the battery until it is fully discharged.
  Repeat this procedure twice for a total of three charging cycles.

- Battery operation time may be less than the estimated times during the first charges. This condition is normal.

- When the battery is fully discharged, the scrolling bars may not appear immediately.

- After the first charge, you can make and receive calls during the charging cycle, but the calls interrupt the charge. When the phone call ends, the charge will resume.

- The bars on the screen stop scrolling and remain constant when the phone is charged. If you leave the phone connected to the charger, the battery receives an additional charge.

> **Note:** The battery will accept a "trickle charge" for an additional two hours. See "Batteries" on page 115. for more information.

- Charging time depends on the charger and battery. For example, charging time for the BPS-2 battery using the ACP-12U charger is about 2 hours.

> **Important:** Recharge your battery only with a charger approved by Nokia. **This phone is not compatible with the Nokia battery charger ACP-9U.**

• TURN ON THE PHONE

- Press and hold the power key on top of the phone for two seconds.

> ⚠ **Warning:** Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.
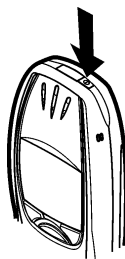
• THE START SCREEN

The Start screen is the "home base" for your phone, and indicates that the phone is in idle mode.
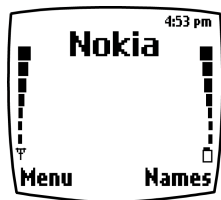
What is on the Start screen	
HOME	Your wireless provider's name may appear here.
(signal bars icon)	Signal strength. A higher bar indicates a stronger signal.
(battery bars icon)	Battery charge level. A higher bar indicates more power in the battery.
Menu	Press the left selection key ($\searrow$) under **Menu** to enter the menu list.
Names	Press the right selection key ($\searrow$) under **Names** to enter the Phone book.
(scroll keys icon)	Press one of the scroll keys at the **Start** screen to display the entries in your Phone book, if you have any.
Press (key icon)	To return to the **Start** screen from any activity.

Icons as indicators

Icon	Indicates...	Icon	Indicates...
☎	You are in an active call	🔇	The Silent profile has been selected
✱	Text or number entry mode	⚷	Keyguard is active
ᴑᴑ	You have voice messages	✉	You have a message
☎	When this icon is blinking, you have a call waiting	ABC	Uppercase text entry mode
abc	Lowercase text entry mode	123	Number entry mode
Abc	Sentence case text entry mode	🔔	An alarm is set
▱	A general note is in your Calendar	🎁	A birthday note is in your Calendar
☎	You have a note in your calendar to call someone	▱	You have a meeting scheduled in your Calendar
⟝▦	Predictive text is on	▮•••	Infrared on

• DYNAMIC MEMORY USE

Some features in your Nokia 6310i phone, including **Calendar Notes**, **To-Do list**, **WAP**, **Java Applications** and **Wallet notes**, use a common pool of memory (storage capacity) called dynamic memory. When any of these features are used, there is less available memory for other features which are also dependent on dynamic memory. This is especially true with heavy use.

For example, entering 250 calendar notes, saving multiple WAP bookmarks and entering several items in your To-do list may consume most of the available dynamic memory. Consequently, if you attempt to download a Java midlet into your phone, a message saying **Memory Full** may appear. To proceed, you would need to delete some of the items/information occupying the available dynamic memory.

• USE THE SELECTION AND SCROLL KEYS

The left and right selection keys ($\bigtriangledown$ $\bigtriangledown$) are positioned beneath each corner of the display, respectively. Centered beneath both selection keys are the two scroll keys $\frown$ $\smile$.

Use the scroll keys for choosing items in a list, paging through menus, and so on. Use the selection keys (often referred to as "soft keys") to open a highlighted feature or option, to exit or "back out" of a menu, open the Phone book, and more. A selection key's function is always determined by the text appearing above it in the display.

For example, press the left selection key ($\bigtriangledown$) when **Menu** appears above it to show the **Messages** menu. Then, scroll through the rest of the main menus using the scroll keys ($\frown$ $\smile$).

Left selection key

Right selection key

Scroll down key   Scroll up key
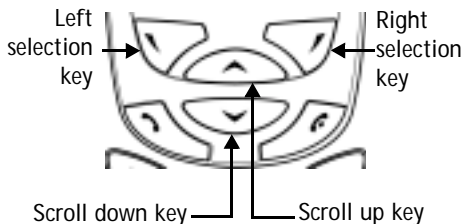
Press the right selection key ( ) when **Names** appears above it to enter the Phone book.

> **Tip:** Press either scroll key ( ) from the **Start** screen to view any entries you may have in your Phone book.

• ADJUST CALL VOLUME

With the phone facing you, the volume key is on the left side of the phone.

Volume key

- Press the top portion of the key to increase the earpiece volume.

- Press the bottom portion of the key to decrease the earpiece volume.

  A bar chart appears in the display, indicating the volume level. There is no need to confirm any changes.
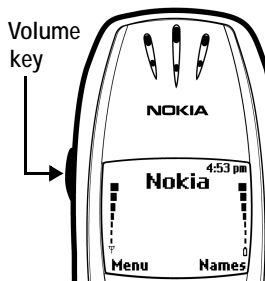
• NAVIGATE YOUR PHONE'S MENUS

You can navigate the menus and submenus in your phone using the *scroll method* or by using *shortcuts*. The chapters in this user guide parallel the menu structure of your phone. For example, chapter 4 corresponds to menu item 4, which is **Settings**.

Scroll through menus

At the **Start** screen, press **Menu**, then page through the main menus using the scroll keys ( ).

THE MENU NUMBER AND SCROLL BAR

As you scroll through the menus, the menu number is indicated in the upper right corner of the display. A scroll
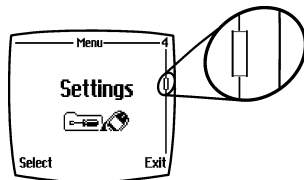
bar also appears on the right side of the display. The scroll bar will move up or down as you move through the menus.

1   Once the desired menu appears in the display, press **Select** to open the menu.

2   Once inside a menu, use the scroll keys ( ) to highlight an item in a list or to page through submenus. Press to open a highlighted item. Press to exit or return to the previous menu.

• HELP TEXTS

Activate the Help Text feature to display brief descriptions of most features.

Activate/deactivate help texts

1   At the Start screen, press **Menu 4-4-6** (**Settings - Phone settings - Help text activation**).

2   After a brief pause, **On** and **Off** appear.

Use the scroll keys to highlight **On** or **Off** and press **Select**. A confirmation message appears.

Use a shortcut

You can also go to almost any feature or option directly from the **Start** screen using "shortcuts".

•   Press **Menu**, and within 3 seconds, enter the first number of the menu function that you would like to access. Keep going until you have entered all of the numbers.

    For example: To turn on the **Alarm clock**, press **Menu 4-1-1** (**Menu** - **Settings - Alarm clock - On**).

    Note: A complete list of shortcuts is in the next section. Be aware that some menus or features may be unavailable due to your network or lack of your subscription to the feature(s) in question. In such cases, the phone will display an error message.

• MENU SHORTCUTS

Use the keypad to enter information

• ENTER CHARACTERS AND NUMBERS

When you enter text, whether to write a message or enter names and numbers, you have a choice of using either **Abc** or **123** mode. The **Abc** or **123** icon in the upper left corner of your phone's display indicates the current display.

Predictive text icon   Abc mode
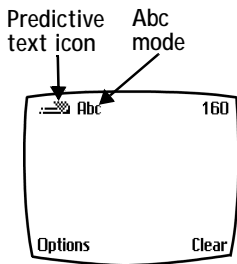
Note: Default case in **Abc** mode is sentence case, which means the first letter of each sentence is capitalized. **ABC** indicates all caps.

- Press a key once to insert the first letter on that key, twice for the second letter, and so on

- Press ⓪ to enter a space between words

- Press ① to enter a period (.)

- Press ✱ to display special characters. More about this on the following pages

- Press **Clear** to backspace and erase a character

- Press and hold **Clear** to backspace continuously (and erase)
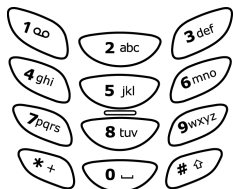
Switch between ABC and 123 modes

- Press and hold ＃ until the icon in the upper left corner of the display switches from **Abc** to **123** (or from **123** to **Abc**).

Switch between uppercase and lowercase

- Press $\overline{\left(\#^{\circledcirc} \right)}$ to alternate between uppercase and lowercase characters while in **Abc** mode.

• PREDICTIVE TEXT

Writing messages with predictive text is much easier than the **Abc** method. Predictive text uses a formula and a built-in dictionary to guess the letter of each word. It is very accurate and requires only one press of a key for each letter.

> **Note:** Predictive text input may not be available for all languages.

Use predictive text input

With predictive text input, you need only press each numbered key *once* for each letter.

For example, to write "**Nokia"**, with the English dictionary selected, press each of the following keys only once: $\overline{\left(6^{mno} \right)}$ for **N**, $\overline{\left(6^{mno} \right)}$ for **o**, $\overline{\left(5^{jkl} \right)}$ for **k**, $\overline{\left(4^{ghi} \right)}$ for **i** and $\overline{\left(2^{abc} \right)}$ for **a**.:

⚙ abc	⚙ abc	⚙ abc	⚙ abc	⚙ abc
O,	**On,**	**Onl,**	**Onli,**	**Nokia,**
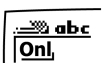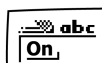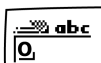
The display above shows the letters for each key pressed.

> **Tip:** Because the "guessed" word changes as you enter letters, try not to look at the screen until you have finished entering the word.

- If a displayed word is correct, press $\overline{\left(0 \right)}$ to enter a space and begin writing the next word

- If a displayed word is not correct, press $\overline{\left(*_{+} \right)}$ to see other matches

- If **?** appears after a word, press **Spell** to add it to your dictionary

- Press $\overline{\left(1^{\circ \circ} \right)}$ to insert a period into your message.

Add new words to the dictionary

If you encounter a word that predictive text does not recognize, a question mark (**?**) follows the word and **Spell** appears in the lower left of the display. The word is added to the dictionary as well as the message you are writing.

NOTES ABOUT ADDING WORDS

- New words that you accept—even accidentally—by pressing **Select**, $\boxed{0 \_}$, or deleting the space between two words (thus forming a compound word) are saved to the dictionary

- Depending on the language and the length of the words, you may be able to add hundreds of words to the dictionary

- When the dictionary is full, the most recently added word replaces the first (or oldest) word added.

Activate or deactivate predictive text

While writing a message, press and hold **Options** until **T9 prediction on** or **T9 prediction off** appears in the display.

Change the language for predictive text

1   While writing a message, press **Options** and scroll to **Predictive text**.
- Press **Select**, scroll to the desired language and press **Select** again.

WRITING COMPOUND WORDS

To write a compound word quickly (for example, **bluetooth**):

1   Write the first part of the word (**blue**).

2   Press $\bigtriangledown$ (do not enter a space). The underline disappears from the first part.

3   Write the second part of the word (**tooth**).

• ENTER SPECIAL CHARACTERS

1 While in Abc mode, press and hold ✱× to display a list of symbols and special characters.

2 Use the scroll keys (⌃ ⌄) or the 2, 4, 6 and 8 keys to highlight a symbol or character.

- Press 2 abc and 8 tuv to move the cursor up and down

- Press 4 ghi and 6 mno to move the cursor left and right

- Press **Insert** to enter a highlighted symbol or character into your message. Press **Back** to exit without inserting a symbol or special character.
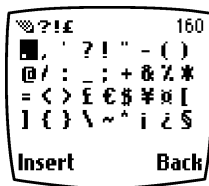
Tip: To access the list of Special characters while in Predictive text mode, press **Options** and scroll to **Insert symbol**.

Phone book

Use your Phone book for all your contact
information. Names, phone numbers, web
addresses, postal addresses, and e-mail
addresses can be stored in your Phone
book. It holds up to 300 names, and you
can associate up to 5 numbers and 4 text
entries with each name.

```
┌─── Phone book ─── 1
│ Find             □
│ Add entry
│ Edit name
│
│ Select       Exit
```
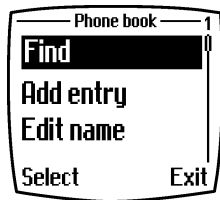
• OPEN THE PHONE BOOK

Press **Names** at the **Start** screen. Use the scroll keys (⌃ ⌄) to
browse through the following functions.

• PHONE BOOK OPTIONS

1   At the **Start** screen, press **Names**. The following options appear in the
    display.

2   Use the scroll keys (⌃ ⌄) to highlight an option. Press
    Select ▽ to activate an option or to enter its submenu.

Phone book options	
Find	Search for a name in your Phone book
Add entry	Add a new name to your Phone book
Edit name	Edit an existing name in your Phone book
Erase	Erase names and numbers
Copy	Copy Phone book entries to the SIM card or from the SIM card to your Phone book

Add number	Add another phone number to an existing name entry (e.g. home, work, fax)
Settings	Change the Phone book view, check memory status, and select which memory you want to use
1-touch dialing	Show a list of 1-touch dialing numbers if any
Voice tags	Show a list of voice dialing numbers if any
Service nos.	List the fax, data, and voice numbers saved to your SIM card by your wireless provider
Own Numbers	Shows your phone number or numbers if your SIM card supports multiple phone lines
Caller groups	Setup a caller group. You can define ringing tones and graphics for up to five groups in your Phone book. See "Caller groups" on page 28

Tip: You can view Phone book entries (if you have any) by pressing either scroll key (⌄⌃) from the **Start screen**.

Add a name and number to the Phone book

1   At the Start screen press **Names**, scroll to **Add entry**, and press **Select**.

2   Enter the name of the entry using the keypad and press **OK**.

3   You will be prompted to add the phone number. Enter the number and press **OK**.

Add an address or note to an entry

1   Locate the entry in your Phone book (𝒸 ⌄) and press **Details**.

2   Press **Options**, scroll to **Add detail**, and press **Select**.

3   Scroll to **E-mail**, **Web address**, **Street addr.**, or **Note** and press **Select**.

4   Enter text and press **OK** when finished.

Note: SIM card phone book memory does not support text entry. You must enable the Phone book memory in order to store e-mail, web addresses, etc.

Save a number quickly

1 At the **Start** screen, enter a number to save.

2 Press and hold **Options**. A message appears on the screen confirming your number has been saved. The number will appear after alphabetical entries in your phone book. You can go back later and add a name to the number.

Tip: For international numbers, add a + sign (instead of 011) in front of the number for easier dialing.

Save a name and phone number quickly

1 At the **Start** screen, enter the number to save.

2 Press **Options**.

The options in the table below (along with options for the currency converter) appear in the display (**Save** is highlighted). Use the scroll keys ($\bigwedge$ $\bigvee$) and selection keys ($\bigvee$ $\bigvee$) to highlight and select an option, or to exit the display.

Name and number saving options	
Save	Save the number
Add to name	Add the number to a name in your Phone book
Send message	Send a text or picture message
Call	Call the number

3 Press **Select**.

4 Enter a name for the number and press **OK**.

Edit names in your Phone book

1 At the **Start** screen, press **Names**.

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

3 Scroll to the name you wish to edit and press **Edit**.

4 Edit the name and number using the keypad.

   • Press **Clear** to backspace and delete text.

   • Press and hold **Clear** to backspace continuously (and delete).

5 After you have finished, press **OK** to accept your changes.

Erase names and numbers in your Phone book

ERASE A SINGLE ENTRY

1 At the Start screen, press **Names**.

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

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

4 Scroll to the entry you wish to erase and press **Erase**.

5 Press **OK** to confirm (and erase) or **Back** to exit.

ERASE ALL NAMES AND NUMBERS

1 At the **Start** screen, press **Names**.

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

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

4 Scroll to **Phone** or **SIM card** and press **Select**.

5 Press **OK** to confirm or **Back** to exit.

   If you pressed **OK**, you are asked to enter the security code (the default security code is **12345**)

6 Enter the security code and press **OK** to erase or **Back** to exit.

   Important: If you enter the wrong security code 5 times in a row, the phone is blocked and will not accept another code for 5 minutes.

Assign a primary number

For names in your Phone book with multiple numbers, specify the number you dial most often (for that name) as the *primary number*. The primary number is the number your phone calls when you select a name for dialing.

1   At the **Start** screen, press or to display a list of your Phone book entries.

2   Scroll to any name containing more than one phone number and press **Details**.

3   Scroll until the number which you want to assign as primary appears in the display and press **Options**.

4   Scroll to **As primary no.** and press **Select**. The primary number is set.

Display Phone book entries quickly

To display any entries in your Phone book quickly, just press one of the scroll keys ( ) from the Start screen.

 Tip: Any entries which display the SIM card icon in the upper right corner of the display indicate that entry is saved to the SIM card.
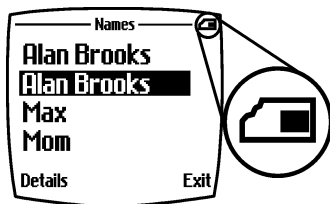
Search the Phone book quickly

1   At the **Start** screen, press one of the scroll keys ( ) to display your Phone book entries.

2   Press a key which contains the first letter of the entry you are searching (example; press twice to begin searching for the name "Evelyn").

Any entries that begin with "E" appear in the display, as well as a search box with the magnifying glass icon ().

3   Continue entering letters to locate the entry, or move through and highlight other entries using the scroll keys.

4   Once you have highlighted the desired entry, press **Details**, and then **Options** to add a voice tag, edit the number, add info., send a business card, and more.

• CUSTOMIZE YOUR PHONE BOOK

Change your Phone book view

You can view the contents of your Phone book one of two ways:

Phone book views	
Name list	Show four entries at a time
Name + number	Show one name and one phone number at a time

SELECT YOUR VIEW:

1   At the **Start** screen, press **Names**.

2   Scroll to **Settings** and press **Select**.

3   Scroll until **Phone book view** appears in the display. Press **Select**.

4   Scroll to **Name list** or **Name and no.** and press **Select**.

• CALLER GROUPS

Caller groups enables you to identify callers by the ringing tone or graphic that you have assigned to their group. A group can be as small as one person or as large as your entire Phone book. You can define the ringing tone and graphic for up to five pre-defined groups in your Phone book.

Set up a caller group

1   At the **Start** screen, press **Names**.

2   Scroll up to **Caller groups** and press **Select**. The following Caller groups are available.

  • Business
  • Family
  • Friends
  • VIP
  • Other

3   Use the scroll keys (⌃ ⌄) to highlight a **Caller group**. Press **Select** to enter that group's option list, where you can rename the group and change other properties. The following options are available for each group.

Caller group options	
Rename group	Rename the group to your preference
Group ringing tone	Set the ringing tone for the group
Group logo	Turn the group graphic on or off. You can also view the graphic or send it to a compatible phone via SMS
Group members	Add members or remove members from the caller group

• YOUR PHONE'S MEMORY

Your phone provides you with three options for the use of its memory; **Phone**, **SIM**, and **Phone and SIM** combined. Only names and numbers saved to the memory you select will appear in the display as you scroll through the phone book.

Which memory is best for you?

To determine which memory is best for you, refer to the following table:

Feature	Phone	SIM	Phone **&** SIM
Name capacity	Up to 300 names	Up to 250 names (varies with SIM card)	Up to 300 names
Number capacity	Up to 5 per name	One per name	Up to 5 per name
Can use Voice dialing?	Yes	Yes	Yes
Can transfer contacts to another phone?	Yes *(using PC Suite, infrared, Bluetooth or text msg)*	Yes	Yes
Can store email, street address and notes	Yes	No	Yes

• SELECT A MEMORY

1 At the **Start** screen, press **Names**.

2 Scroll to **Settings** and press **Select**.

3 Scroll until **Memory in use** appears in the display and press **Select**. The following options are available:

Phone and SIM	Numbers are saved to Phone memory
Phone	Numbers are saved to Phone memory only
SIM card	Numbers are saved to the SIM card only

4 Scroll to your choice and press **Select**. Your selection is confirmed.

Tip: If you want to save multiple numbers to a name, choose **Phone** or **Phone and SIM**.

• COPY MEMORY

You can copy entries from your phone memory to the SIM or vice versa.

1 At the **Start** screen, press **Names**.

2 Scroll to **Copy** and press **Select**.

3 Scroll to **From phone to SIM card** or **From SIM card to phone**.

4 Press **Select**. The following options appear in the display:

Copy memory options	
One by one	Copy selected entries one by one
All	Copy all selected entries
Primary nos.	Copy only primary numbers. Only one primary number exists for each name. **This option is available only when copying entries from Phone to SIM card.**

5 Scroll to your choice and press **Select**.

6 Scroll to the entry you would like to copy and press **Copy**.

7 Scroll to **Keep original** or **Move original** and press **OK**. Your entry is copied and a confirmation note appears in the display.

> **Note:** Use **Keep original** if you are unsure. It leaves the original memory entry and simply copies it to the new location. **Move original** deletes the original entry and moves it to the new location, similar to a cut and paste function found on your PC.

• VIEW SERVICE NUMBERS

Your wireless provider may have saved your phone, data, and fax numbers to your SIM card. To view these numbers:

1 At the **Start** screen, press **Names**.

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

A list of numbers, if any are available, appear in the display.

3   To view details of a number, scroll to the number and press **Details**.

> **Note:** This feature may not be supported by your SIM card.
> Contact your wireless provider if you receive an error and would
> like this feature enabled.

• VOICE DIALING

You can make a phone call by saying a voice tag that has been added to
a phone number. You can add up to ten voice tags. Any spoken word(s),
such as a person's name(s), can be a voice tag.

Before using voice dialing, 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
> dialing in all circumstances.

Adding a voice tag

Save or copy in the phone's memory the names and phone numbers to
which you want to add a voice tag.

You can also add voice tags to the names in the SIM card, but if you
replace your SIM card, delete the old voice tags before adding new ones.

1   In standby mode, press ⌄ or ⌃.

2   Scroll to the name to which you want to add a voice tag and press
    Details. Scroll to the phone number you want and press **Options**.

3   Select **Add voice tag.**

4 Press **Start**, and clearly say the word(s) you want to record as a voice tag. After recording, the phone plays the recorded tag.

When the voice tag has been saved, **Voice tag saved** is displayed, a beep sounds and a 🔊 appears after the phone number with the voice tag.

Making a call by using a voice tag

In standby mode, press and hold the volume down key, or press and hold **Names**. A short tone is heard and **Speak now** is displayed.

Say the voice tag clearly. The phone plays the recognized voice tag and dials the phone number of the voice tag after 1.5 seconds.

> **Note:** When making a data call, you cannot simultaneously make a voice call. Before placing a call using a voice tag, you must first end any data calls.

> **Tip:** If you are using a Nokia headset with a connect/disconnect button, press and hold the button to start voice dialing.

Replaying, changing or erasing a voice tag

Press **Names** and select **Voice tags**. Scroll to the name with the voice tag you want, and press **Options**.

• To replay the voice tag, select **Playback**.

• To erase the voice tag, select **Erase** and press **OK**.

To change the voice tag, select **Change**. Press **Start** to add the new voice tag.

1) Messages

• ABOUT TEXT MESSAGES

You can use your phone to send and receive text and/or email messages, if your service provider offers the features. However, before getting started, there are a few things to remember about text and email messaging.

Whether you choose to send messages as text messages or email, the process is essentially the same. The main difference is in how you address the message prior to sending.

Here are a few more things to know before you begin sending messages:

- **Both phones must support messaging:** The phone to which you send a text message must also support and subscribe to text messaging.

- **Message length:** The maximum length of a normal text message is 160 characters. Your phone also supports long text messaging of up to 459 characters. If sending as email message, the email address and subject line are included in the 160 characters.

- **Network variations:** The maximum length of a text message may also depend on the capabilities of the network from which the message originated. Also, text message format may occasionally be different, as messages can originate in networks other than your own.

    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 center. 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.
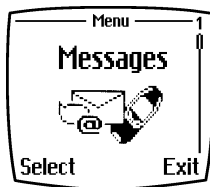
Message icons

Icons that precede the title of a message indicate the following:

✉	The message has not been read
▦	The message has been read
i	The message is a delivery report

Before you can send and receive messages

You will need the following to send and receive messages of any type:

• A messaging service through your wireless provider

• A message center number, which must be saved to your phone (if your wireless provider has not done so already)

Message center number

Messages sent by your phone are routed through your wireless provider's message center. Normally, this number is saved to your phone by your wireless provider. To save the number manually, do the following:

1 At the **Start screen**, press **Menu 01 -12 -1** (**Messages - Message Settings - Sending profile**).

2 Press **Select**.

3 Scroll to **Message center number** and press **Select**.

   a) **If the box which appears in the display is empty,** enter the number supplied by your wireless provider (up to 21 digits) and press **OK**.

4 **If the box is full**, leave the number as is and press **OK**.

• WRITE AND SEND A MESSAGE

For more information on entering text into your phone using the keypad, see "Enter characters and numbers" on page 19.

Remaining characters available in message

1 At the **Start screen**, press **Menu 01-1** (**Messages - Write message**).

2 After a brief pause, the message entry screen appears in the display.

3 Compose a message using the keypad, then press **Options**.

```
.=≫ Abc              (102)
Chelseay: Meet
your mom outside
after school today.
– Dad
Options          Clear
```

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

5 Enter the recipient's phone number, including the area code, and press **OK**. Your message is sent.

☀ **Tip:** To find the number quickly, press **Find** to retrieve a number from your Phone book.

• READ MESSAGES

When you receive a message, your phone beeps and **Message received** appears in the display as well as the unopened letter icon (✉).

1 Press **Show** to read the message, or press **Exit** to move the message to your inbox.

2 If you have more than one message, scroll to the message of your choice and press **Select** to view the message.

➡ **Note:** When you have unopened messages in your inbox, ✉ is shown in the upper left corner of the **Start screen** as a reminder.

3 Use the scroll keys to view the whole message if necessary.

☀ **Tip:** Keep scrolling to view other information, such as the sender number and time the message was sent.

4 Once you are finished, press **Back** to move the message to the Inbox, or press **Options** for other choices, such as **Reply** or **Forward**.

Read linked messages

Your phone can receive one long message (up to 459 characters) in sequences. You can start reading the first part before the phone has received the entire message.

While viewing the message, you may see ***some text missing*** on the display. This is normal, and the message content will be updated as soon as the missing sequence arrives.

If the memory is full, you may have to delete a message from your inbox or outbox before your phone can update the missing text.

Reply to a message

1 While viewing a message, press **Options**, scroll to **Reply**, and press **Select**.

2 Scroll to a pre-composed reply, or choose an **Empty screen**, and press **Select**.

3 When you are satisfied with your reply, press **Options**, scroll to **Send**, and press **Select**.

   The number of the original sender appears in the display.

4 Press **OK** and your reply is sent.

Forward a message

1 While viewing a message, press **Options**.

2 Scroll to **Forward** and press **Select**.

3 Choose **As Text Msg.** (go to step 4) or **As e-mail** (skip to step 5).

4 If you choose **As Text Msg.:**

   a) You are returned to the message editor, where you can edit the message as desired.

   b) To send the message, press **Options** and scroll to **Send**.

   c) Enter the recipient's phone number, or press **Find** to retrieve a number from your Phone book.

5   If you choose **As e-mail**:

   a)   You are prompted to enter the recipient's email address.

   b)   Enter the address with the keypad or press **Find** to scroll through email addresses in your phone book.

   c)   Then enter a subject line for the email and press **OK**.

   d)   You are returned to the message editor, where you can edit the message as desired.

6   When finished, press **OK**. The message is forwarded.

• E-MAIL MESSAGES

Your phone can send e-mail up to 160 characters in length to anyone with an e-mail address. For more information on entering text into your phone using the keypad, see "Enter characters and numbers" on page 19.

Compose and send e-mail Messages

1   At the **Start screen**, press **Menu 01-2** (**Messages - Write E-mail**).

2   Enter the email address or press **Find** to select an address stored in the phone book and press **OK**.

> Note: An email address must contain the "@" character to be valid.

3   Enter a subject line and press **OK**.

4   Compose your message using the keypad and press **Options**.

5   Press **Send e-mail**.

> Note: If you have not sent an e-mail from your phone previously, you may be prompted to enter an e-mail server (gateway) number. This number is provided by your service provider. You will only need to enter this number once.

• PICTURE MESSAGES 1

Your Nokia phone comes with 10 pre-loaded pictures and five empty storage slots (15 total). You can, however, over-write any of the 10 pictures that came with your phone. Pictures can be attached to a message and sent via SMS (text messaging) to compatible phones. Picture messages behave the same as text messages, but pictures take up more space than text.

> **Note:** You cannot send a picture message via e-mail. 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.

Download pictures

You can download pictures, or receive them from compatible phones via SMS to use in messages and caller groups. You can also create pictures and send them to your phone or other compatible phones using Nokia PC Suite.

> **Note:** Methods for downloading pictures vary with wireless providers. Some providers allow you to send pictures to your phone from a web page. Contact your wireless provider for details.

When you receive a picture message

When you receive a picture message, **Picture Message received** appears in the display.

VIEW THE PICTURE

• Press **Options**, scroll to **Show**, and press **OK**

DISCARD THE PICTURE

• Press **Options**, scroll to **Discard**, and press **OK**

SAVE THE PICTURE

1 Press **Options**, scroll to **Save**, and press **OK**.

2 Scroll to the picture you would like to replace and press **Select**.

Compose and send a picture message

Like text messages, picture messages can be up to 160 characters in length. Picture sizes vary, but a small picture which fills your display generally takes up about 50 characters (leaving 100 characters or so for text). If you try to attach a picture to a message which is almost full of text, a beep sounds and you are prompted to erase some text before proceeding.

1 At the **Start screen**, press **Menu 01-1** (**Messages - Write message**).

2 After a brief pause, the message edit screen appears in the display.

3 Write a message using the keypad (or, enter nothing if you choose), and press **Options**.

☼ **Tip:** Attach pictures before adding text. You can then check remaining space for text in the upper right corner of the display.

4 Scroll to **Attach picture** and press **Select**.

   A list appears in the display (**Picture 1**, **Picture 2**, and so on).

5 Scroll to a picture and press **View**.

6 Press **Attach** to insert the picture into your message, otherwise:

   a) Press **Back**, scroll to another picture, and press **View** again.

   b) Press **Attach** to insert the picture into your message.

7 To send the picture message, press **Options**, scroll to **Send**, and press **Select**.

8 Enter the phone number for your recipient (or press **Find** to retrieve a number from your Phone book) and press **OK**. The message is sent.

PREVIEW, CHANGE, OR ERASE A PICTURE MESSAGE

1 After a picture has been attached to your message, press **Options** at the message edit screen.

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

   a) **Preview** - Previews the attached message before sending.

       Press **Back** to exit.

1

b) **Change picture** - Takes you back to the picture list.

Scroll to highlight a new picture,. Press **View** and then press **Attach** to link the new picture to your message.

c) **Erase picture** - Press **OK** to erase the picture from your message, or press **Back** to return to the list of options.

• TEMPLATES

Templates are short, pre-written messages which can be recalled and sent as original messages, or used as a quick reply when you are short on time. You can also customize and save an existing template or create a new one of your own. Templates are stored in the **Templates** folder.

Send a template message

1   At the **Start screen**, press **Menu 01-6** (**Messages - Templates**).

After a brief pause, the templates folder opens to display a list of templates.

2   Scroll to the template of your choice and press **Select**. Available templates are as follows:

Message Templates	
"Please call"	"I am late. I will be there at"
"I'm at home. Please call"	"See you in"
"I'm at work. Please call"	"See you at"
"I'm in a meeting. Call me later at"	"Sorry, I can't help you with this."
"Meeting is canceled"	"I will be arriving at"

Note: Pictures are also stored in the Templates folder.

EDIT THE TEMPLATE BEFORE SENDING

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

2 Choose **As text msg.** or **As e-mail**.

   • If sending **As text. msg.** you are returned to the text editor.

   • If sending **As e-mail**, enter the email address and subject line. You are then returned to the text editor.

3 Edit the template as you choose.

4 To save the template before sending:

   • Press **Options**.

   • Scroll to **Save message**, and press **Select**.

   • **Replace original?** appears. Press **OK** to save or **No** to exit.

   • If you still want to save the new template, scroll to the **Templates** folder and press **Select**.

5 Once you are finished editing, press **Options**, scroll to **Send** (**Send e-mail**).

   If sending **As Text msg.**:

   • Enter the phone number or press **Find** to scroll through the phonebook.

   • Press **OK**.

SEND THE TEMPLATE WITHOUT EDITING

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

2 Choose **Send as text** or **Send as e-mail**.

   a) If sending **As text. msg.** you are returned to the text editor.

   • Press **Options** again then press **Send**.

   • Enter the phone number or press **Find** to scroll through the phonebook.

   • Press **OK** and the message is sent.

b) If sending **As e-mail**:

• Enter the email address or press **Find** to scroll through the phonebook.

• Press **OK**.

• Enter a subject line and press **OK**. You are then returned to the text editor.

• Press **Options** again scroll to **Send e-mail** and press **Select**.

Create a custom template

1 Press **Menu 01-1** (**Messages - Write message**).

After a brief pause, the message entry screen appears in the display.

2 Compose your custom template and press **Options**.

3 Scroll to **Save message**, and press **Select**.

4 Scroll to the **Templates** folder and press **OK**. Your message is saved as a template.

• ORGANIZE YOUR MESSAGES WITH FOLDERS

Save messages to folders

You can save messages to an existing folder or to a folder you have created.

1 Press Menu **01-1** (**Messages - Write message**).

After a brief pause, the message entry screen appears in the display.

2 Write your message and press **Options**.

3 Scroll to **Save message** and press **Select**.

4 Scroll to the folder where you would like to save the message and press **OK**. The message is saved.

View saved messages

1   At the **Start screen**, press **Menu 01-1** (**Messages**).

2   Scroll until the folder (Inbox, Outbox, Archive, Templates, My folders) containing the message you wish to view appears and press **Open**.

3   Scroll to the message you wish to view and press **Select**.

Inbox folder

Messages are automatically stored in the inbox after they have been read or if you press ✏ when **Message received** appears on the **Start** screen.

Outbox folder

Sent messages are automatically saved in the **Outbox**.

Archive folder

To make sure that certain messages will not be overwritten when memory becomes full, move some of your messages to the **Archive** folder.

Templates folder

Pictures and pre-written templates are stored in the **Templates** folder.

My folders

Keep messages organized by creating custom folders for saving messages.

ADD A FOLDER OF YOUR OWN

1   At the Start screen, press **Menu 01-7** (**Messages - My folders**).

2   Press **Options**. **Add folder** is highlighted. Press **OK**.

3   Enter a name for the new folder and press **OK**. The folder is added.

REMOVE A FOLDER

Only folders created in **My folders** can be deleted. The **Inbox**, **Outbox**, **Archive**, and **Template** folders are protected. When you delete a folder, all messages in the folder are deleted as well.

1

1   At the **Start screen**, press **Menu 01-7** (**Messages - My Folders**).

2   Any folders that you have created appear in the display. Scroll to the folder you wish to remove and press **Options**.

3   Scroll to **Delete folder** and press **OK**.

4   You are asked to confirm the deletion. Press **OK** if you wish to delete and **Back** if you wish to exit.

• ERASE MESSAGES

If your message memory becomes full, ✉ blinks in the display. You can do the following to create more space:

•   Read some of the unread messages and then erase them

•   Erase some of these messages from your folders

Erase a single message

To erase a single message, you need to open it first.

1   Press **Menu 01** (**Messages**).

2   Scroll to the folder containing the message you wish to erase and press **Select**. A list of messages appears in the display.

3   Scroll to the message you wish to erase and press **Select**. The message opens.

4   Press **Options**, scroll to **Erase**, and press **Select**.

5   Press **OK** to erase or press **Back** to return to the previous menu.

Erase all messages in a folder

1   At the **Start screen**, press **Menu 01 - 8** (**Messages - Erase messages**).

2   Scroll to the desired folder or message type that you wish to erase and press **OK**. You are asked to confirm your erasure.

3   Press **OK** to empty the folder.

• USE VOICE MAIL

If you subscribe to voice mail, your wireless provider will furnish you with a voice mailbox number. If your service provider does not do it for you, you will need to save that number to your phone.

When you receive a voice message, your phone lets you know by beeping, displaying a message, or both.

If you receive more than one message, your phone shows the number of messages received.

• SAVE YOUR VOICE MAILBOX NUMBER

1   At the **Start screen**, press **Menu 01-9-2** (**Messages - Voice messages - Voice mailbox number**).

2   Enter the voice mailbox area code and phone number.

3   Press **OK**. Your phone confirms the number has been saved.

> ☀ **Tip:** Save yourself the trouble of entering the voice mailbox PIN code each time you dial your voice mailbox by using dialing codes. See "Automate your voice mailbox with codes" later in this section for more information.

Listen to your voice messages

Once you have set up your voice mailbox, you can dial it one of three ways.

- Dial the voice mailbox number using the keypad.
- Press and hold ⟨1∞⟩.
- Press **Listen** if a voice mail notification message is on the screen.

For more information on the use of voice mail, contact your service provider.

• AUTOMATE YOUR VOICE MAILBOX WITH CODES

You can insert special codes into entries in your Phone book to automate tasks such as checking your voice mail. To do this, you will need to save your voice mailbox number, PIN code, and the necessary pause and wait codes to a 1-touch dialing location (often assigned to the ⟨1∞⟩). The special dialing codes, which are accessed using the ⟨#✩⟩ are as follows:

Special Dialing Codes	
*	Asterisk. Use this character to bypass a set of instructions
+	Plus symbol. Precedes an international telephone number
p	Pause. The phone pauses for 2.5 seconds, then automatically sends the tones (numbers) that follow it in the dialing string
w	Wait. The phone waits for you to press the Talk key before it sends the tones (numbers) that follow

2) Call log

The phone logs the phone numbers of missed, received and dialed calls, and the approximate length of your calls.

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

Menu — 2

Call log

Select   Exit
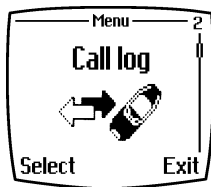
When you press **Options** in the **Missed calls**, **Received calls** and **Dialed numbers** menus, you can view the date and the time of the call, edit or erase the phone number from the list, save the number in the phone book, or send a message to the number.

• MISSED CALLS

To view the list of the last ten phone numbers from which somebody has tried to call you, press **Menu 2-1** (**Call log - Missed calls**).

🔅 **Tip:** When a note about missed calls is being displayed, press **List** to access the list of phone numbers. Scroll to the number you would like to call back and press 📞.

• RECEIVED CALLS

To view the list of the last ten phone numbers from which you have most recently accepted calls (network service), press **Menu 2-2** (**Call log - Received calls**).

• DIALED NUMBERS

To view the list of the 20 phone numbers that you have most recently called or attempted to call, press **Menu 2-3** (**Call log - Dialed numbers**).

• CLEAR CALL LISTS

To clear the call lists, press **Menu 2-4** (**Call log - Clear call lists**). Select whether you want to delete all the phone numbers in the recent call lists, or only the numbers in the missed calls, received calls or dialed numbers lists. You cannot undo the operation.

• CALL TIMERS

Press **Menu 2-5** (**Call log - Call timers**) and scroll to view the approximate duration of your incoming and outgoing calls in hours, minutes and seconds. To clear the timers, the security code is needed. Each phone line (if supported by your SIM card) has its own call timers and only the timers for the selected line are displayed.

• GPRS DATA COUNTER

Press **Menu 2-7** (**Call log - GPRS data counter**) and scroll to check the amounts of data that were last sent and last received, data sent and received in total, and to clear the counters. The counter unit is a byte, indicated by a (**B**).

• GPRS CONNECTION TIMER

Press **Menu 2-8** (**Call log - GPRS connection timer**) and scroll to check the duration of the last GPRS connection or the total GPRS connection. You can also clear the timers.

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

3) Profiles

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

Your phone has various profiles which allow you to customize your phone's ringing and alert tones for different events and environments. You can personalize the profiles, then activate a specific profile in the appropriate setting. For example, activate the **Silent** profile while at the movies or activate the **Outdoor** profile while working in the yard.

```
┌─────────────────────┐
│      Menu ─────── 3  │
│     Profiles         │
│       ♫ ✎            │
│ Select        Exit   │
└─────────────────────┘
```
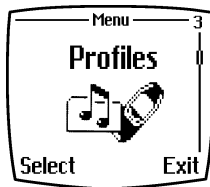
You can modify the following characteristics for each profile:

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

- **Ringing tone** allows you to change the ringing tone

- **Ringing volume** allows you to adjust the ringing volume

- **Vibrating alert** activates or deactivates the vibrating alert for incoming calls or messages. The vibrating alert does not work when the phone is connected to a charger, desktop stand, or handsfree kit.

> **Tip:** If you receive a ringing tone via IR or as a text message, you can save ten ringing tones at a time in the ringing tone list.

- **Message alert tone** allows you to set the alert tone for incoming messages

- **Keypad tones** allows you to increase the volume of keypad tones

- **Warning tones** allows you to set the phone to sound tones, for example, when the battery is running out of power.

- **Alert for** allows you to set the phone to ring only when receiving calls from phone numbers that belong to a selected caller group (see "Caller groups" on page 28). Scroll to the caller group you want or **All calls** and press **Mark**. To deselect a group press **Unmark**.

• ACTIVATE A PROFILE

1 Press **Menu 3** (**Profiles**).

2 Scroll to one of the profiles (**Normal**, **Silent**, **Meeting**, **Outdoor**, **Pager**) and press **Select**.

3 Press **Select** again to activate the desired profile.

> ☼ **Tip:** To change the profile quickly in standby mode, press the power key ⓞ, scroll to the profile you want to activate and press **Select**. You can also use the shortcut method. For example: pressing **Menu 3-2-1** will activate your **Silent** profile. You can also use **Voice Commands** to activate profiles (see "Voice commands" on page 79).

• TIMED PROFILES

To activate a profile for a specific amount of time (up to 24 hours), you can utilize the **Timed** setting.

1 Press **Menu 3** (**Profiles**) and scroll to the desired profile.

2 Scroll down to **Timed** and press **Select**.

3 Set the expiration time (e.g. 1:30 pm). When the timed profile expires, the previously selected profile is reactivated.

• CUSTOMIZE PROFILES

1 Press **Menu 3 (Profiles)**.

2 Scroll to the desired profile and press **Select**.

3 **Scroll to Customize** and adjust the setting(s) you wish to change. In addition, you can rename all profiles except for **Normal**.

> ➡ **Note:** Ringtone settings can also be changed in the **Tone settings** menu. See "Tone settings" on page 58. Whatever changes you make to your Ringtone settings via the **Tone settings** menu will override your currently selected Profile.

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4) Settings

> **Note:** Your phone must be switched on to use this function. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger. Some of the features listed in this chapter are available only if supported by your service provider. For more information, contact your service provider.
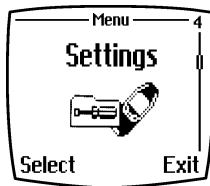
• ALARM CLOCK

The alarm clock uses the time format set for the clock. The alarm clock works even when the phone is switched off.

To set the alarm clock:

1 Press **Menu 4-1** (**Settings - Alarm clock**).

2 Key in the alarm time and press **OK**. To change the time when the alarm time is set, select **On**.

When the alarm time expires

The phone will sound an alert tone, and flash **Alarm!** and the alarm time on the display. You can turn off the alarm two different ways:

• Press **Stop** to stop the alarm. The alarm is reset and on the next day will sound again at the set time.

• Press **Snooze**, or any key, and the alarm stops for a 10 minutes and then resumes. To shut off the alarm, press **Stop**.

If the alarm time is reached while the phone is switched off, the phone switches itself on and starts sounding the alarm tone.

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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 turn on the phone.

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

• TIME AND DATE SETTINGS

Clock

To access the Clock, press **Menu 4-2-1** (**Settings - Time settings - Clock**).

1 Select **Show clock** and the time is shown on the top right of the display when the phone is in standby mode.

2 Select **Set the time**, key in the correct time and press **OK**.

3 Select **Time format** and choose **am/pm** or **24-hour** time format.

> **Important:** The clock also serves the functions **Messages**, **Call log**, **Alarm clock**, **Timed Profiles** and **Calendar**. If the clock is not set correctly, it will affect these functions (e.g. time stamp on messages, call log, etc.)

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

Date

1 Press **Menu 4-2-2** (**Settings - Time settings - Date**).

2 Select **Set the date**.

3 Enter the date, press **OK**.

Auto update of date and time

1 Press **Menu 4-2-3** (**Settings - Time - Auto update of date & time**).

2 To set the phone to automatically update the time and date according to the current time zone (if supported by your service provider), select **On**.

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3   To set the phone to ask for a confirmation before the update, select
    Confirm first.

Updating the date and time affects the alarm clock, calendar and recorder,
and any alarm notes entered are now set to the local time. Updating may
cause some calendar notes to expire.

• CALL SETTINGS

Call forwarding
With call forwarding you can direct your incoming calls to another number
or to your voice mailbox number.

1   Press **Menu 4-3-1** (**Settings - Call settings - Call forwarding**).
    Forwarding options not supported by your SIM card or your network
    operator may not be shown. For details, contact your service provider.

2   Select the forwarding option you want, for example, **Forward all
    voice calls** to forward the voice calls when you cannot answer your
    phone or when you reject an incoming call.

3   Select **Activate**, **Cancel**, or **Check status** to check whether Call
    Forwarding is activated or not.

4   To delay the forwarding of calls, first select **Set delay** (if available for
    the forwarding option), then select **Activate**.

5   To cancel all active call forwarding at once, select **Cancel all call
    forwarding**.

Anykey answer
This feature allows you to answer an incoming call by pressing any key
except ⓪ and ✆.

To activate:

1   Press **Menu 4-3-2** (**Settings - Call settings - Anykey answer**).

2   Select **On** and you press any key to answer an incoming call.

Automatic redial

This feature redials a number up to 10 times after an unsuccessful call attempt. To activate:

1 Press **Menu 4-3-3** (**Settings - Call settings - Automatic redial**).

2 Scroll to **On** and press **Select**.

1-touch dialing

This feature allows you to dial calls simply by pressing and holding a number on your phone's keypad. To activate:

1 Press **Menu 4-3-4** (**Settings - Call settings - 1-touch dialing**).

2 Select **On** and the names and phone numbers assigned to the speed dialing keys, from ⟨2 abc⟩ to ⟨9wxyz⟩, can be dialed by pressing and holding the corresponding number key.

To assign a phone number to a 1-touch slot:

1 Press and hold the desired key (from 2 to 9). If no number has been assigned, a message will appear prompting you to assign a number.

2 Enter a phone number and name when prompted or press **Find** to use a number stored in your phone book.

3 The number is now assigned to the 1-touch slot.

Call waiting

This feature alerts you to an incoming call while you have a call in progress. To activate:

1 Press **Menu 4-3-5** (**Settings - Call settings - Call waiting**).

2 Select **Activate**.

To see if the feature is available or active, select **Check Status**.

Summary after call

This feature briefly displays the duration of the last call.

1 Press **Menu 4-3-6** (**Settings - Call settings - Summary after call**).

2 Select **On** and the phone will briefly display the duration of the last call.

Send own caller ID when calling

Use this feature to display your phone number to the party you are calling.

1   Press **Menu 4-3-7** (**Settings - Call settings - Send own caller ID when calling**).

2   Select **On** and your phone number will be displayed to the person you are calling.

3   Select **Default** to reset the phone to the setting, **On** or **Off**, that you have agreed upon with your service provider.

Line for outgoing calls

This option allows you to select the phone line (that is, phone number) 1 or 2 for making calls. This feature works only if your SIM card supports two phone numbers.

1   Press **Menu 4-3-8** (**Settings - Call settings - Line for outgoing calls**).

2   Select **Line 1** or **Line 2**. If you select **Line 2** and have not subscribed to this network service (or if your network does not support the service) you will not be able to make calls. However, incoming calls on both lines can be answered regardless of the selected line.

If supported by your SIM card, you can prevent the line selection by selecting the option **Lock**.

> **Tip:** In standby mode, you can switch between lines by pressing and holding (#).

• PHONE SETTINGS

Language

1   Press **Menu 4-4-1** (**Settings - Phone settings - Language**).

2   Select the language for the phone's display texts. If **Automatic** is selected, the phone selects the language according to the information on the SIM card.

Cell info display

1   Press **Menu 4-4-2** (**Settings - Phone settings - Cell info display**).

2   Select **On** to set the phone to indicate when it is used in a cellular network based on Micro Cellular Network (MCN) technology.

If the GPRS connection is set **Always online**, the info messages may not be received. In that case, set the GPRS connection to **When needed** (see "GPRS modem settings" on page 59.)

Welcome note

1   Press **Menu 4-4-3** (**Settings - Phone settings - Welcome note**).

2   Key in a note that will be shown briefly when the phone is switched on. To save the note, press **Options**, and select **Save**.

System selection

The cellular network to which your phone is connected can be selected either manually or automatically.

1   Press **Menu 4-4-4** (**Settings - Phone settings - System selection**).

2   Select **Automatic** or **Manual**.

If you select **Automatic**, the phone automatically selects one of the cellular networks available in your area. If you select **Manual**, the phone shows a list of the available networks and you can select a network that has a roaming agreement with your home network operator.

Otherwise, **No system access** will be displayed and you must select another network. The phone stays in **Manual** mode until the **Automatic** mode is selected or another SIM card is inserted in the phone.

Confirm SIM service actions

This option allows you to request notification when your service provider makes changes to SIM-related services (e.g. activating GPRS service).

Press **Menu 4-4-5** (**Settings - Phone settings - Confirm SIM svc actions**).

Help text activation

This option enables the on-screen help texts for various menu items.

1   Press **Menu 4-4-6** (**Settings - Phone settings - Help text activation**).

2   Select **On** or **Off**.

> Note: Help texts do not appear for approximately 10 seconds after the last key press. If you want to learn more about a particular menu item, scroll to the menu, then wait for the help texts to appear. Not all menu items will have help texts.

Start-up tone

This option allows the phone to play a start-up tone when first turned on.

1   Press **Menu 4-4-7** (**Settings - Phone settings - Start-up tone**).

2   Select **On** or **Off**.

> Note: If you have set a Welcome note, the start-up tone will not be played.

• TONE SETTINGS

This option allows you to modify the various alert and ringing tones your phone plays. You can modify the same settings under the **Profiles** menu (see "Customize profiles" on page 51).

To access, press **Menu 4-5** (**Settings - Tone settings**).

> Note: Any changes you make in the **Tone settings** menu will override the current profile's tone settings. For example, if you have selected the Nokia tune as your ringing tone in the **Normal** profile, then change the ringing tone via the **Tone settings** menu, the change is reflected for the **Normal** profile.

• ACCESSORY SETTINGS

> **Note:** The accessory settings menu is shown only if the phone has been connected to a Headset, Handsfree car kit or Loopset.

This option allows you to adjust settings used in conjunction with various accessories, including a Headset, Handsfree car kit, or Loopset.

1 Press **Menu 4-6** (**Settings - Accessory settings**).

2 Select **Headset**, **Handsfree** or **Loopset**.

After selecting the desired accessory, you will have the following options:

• **Default profile** which allows you to select a profile (from Normal, Silent, etc.) to be automatically activated when you connect the selected accessory. You can also select **Current profile** as the default while the accessory is connected.

• **Automatic answer** sets the phone to automatically answer an incoming call after five seconds. If the **Incoming call alert** is set to **Beep once** or **Off**, automatic answer is not available.

• In the **Handsfree** menu, select **Lights** to turn the phone lights **On** (permanently) or on **Automatic** to turn the lights on for 15 seconds after a key press. This option is available only when **Handsfree** is selected.

• Under **Loopset**, select **Use loopset** to set the loopset in use instead of the headset. **Use loopset** is visible only after loopset is selected.

• GPRS MODEM SETTINGS

You can connect the phone via IR, Bluetooth or cable connection to a compatible PC and use the phone as a modem to enable GPRS connectivity from the PC.

To activate or edit GPRS modem settings:

1 Press **Menu 4-7** (**Settings - GPRS modem settings**).

2 Select **Active access point** and activate the access point you want to use.

3 Select **Edit active access point** to edit the following options:

- **Alias for access point**. To change the name:

a) Press **Rename**

b) Key in the name you would like for the activated access point

c) Press **OK**.

- **GPRS access point** allows you to change the server address.

a) Key in the **Access Point Name** (APN)

b) Press **OK**.

> Note: An Access Point Name is needed to establish a connection to the GPRS network. Obtain the Access Point Name from your service provider.

You can also set the GPRS modem service settings (Access Point Name) on your PC by using the Nokia Modem Options software, see "Modem Setup" on page 99. If you have set the settings on your PC and your phone, note that the settings made on the PC will be used.

• SECURITY SETTINGS

> Note: When security features, which restrict calls, are in use (closed user group and fixed dialing), calls may be possible to certain emergency numbers in some networks (e.g. 911 or other official emergency number).

Press Menu **4-8** (**Settings - Security settings**). The following options will appear:

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

Call restrictions

This option allows you to restrict international calls and outgoing calls from your phone. A password is required.

Closed user group

Closed user group is a network service that specifies the group of people whom you can call and who can call you. For more information contact your network operator or service provider.

Security level

1 To set – press **Select** (default is 12345).

2 Enter Security Code. Press **OK**.

3 Select **Memory** and the phone will ask for the security code whenever you want to select the phone's internal memory or to copy from one memory to another. For more information, see "Your phone's memory" on page 29.

4 Select **Phone** and the phone will ask for the security code whenever a new SIM card is inserted into the phone.

Change of access codes

This option allows you to change security code, PIN code, PIN2 code or call restrictions password. Codes can only include numbers from 0 to 9.

Note: You should avoid using access codes similar to the emergency numbers, such as 911, to prevent accidental dialing of the emergency number.

• RESTORE FACTORY SETTINGS

1 Press **Menu 4-9** (**Settings - Restore factory settings**) to reset some of the menu settings to their original values.

2 Key in the security code (default code is 12345) and press **OK**.

5) Games

5

• STARTING A GAME

1 Press **Menu 5-1** (**Games - Select game**).

2 Select the game you would like to play, **Snake II**, **Space Impact** or **Bumper**.

3 If available for the game, select the game type, **1 player** or **2 players** and then **New game**.

```
┌─────── Menu ──────5─┐
│                     │
│       Games         │
│                     │
│      ▢──◆           │
│                     │
│ Select         Exit │
└─────────────────────┘
```

You can get instructions about how to use the keys and how the game works by selecting **Instructions** from the submenu.

Note: Your phone may have additional games loaded. If this is the case, these titles will appear in addition to those listed above.

Starting a two-player game

You may also play Snake II as a two-player game via the IR port of your phone with a person who has the same game on a compatible phone. Before starting a two-player game, ensure that the IR ports of the two phones are pointing at each other. For more details, see "Infrared" on page 71.

To start the game, both players should select the option **2 players**. Choose either **Host game** to start a new 2-player game or **Join game** to join a game after the other player has chosen the **Host game** option.

• SETTINGS

Use this option to set sounds, lights and Shakes (vibrate), for the game.

1 Press **Menu 5-2** (**Games - Settings**).

2 Scroll through and adjust the settings as desired.

6) Applications

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

This menu allows the management of Java™ applications installed on your phone. Your phone software includes three Java™ applications designed for your Nokia phone. Some service providers offer other applications via mobile Internet services.
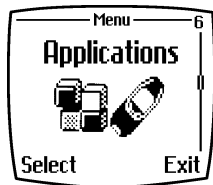
• LAUNCHING AN APPLICATION

1   Press **Menu 6-1** (**Applications - Select App.**)

2   Scroll to an application (name depends on the application) and press **Options**.

3   Scroll to **Open** and press **Select**. If the selection is a single application it will launch. Otherwise, a list of applications is displayed corresponding to the selected application set. Scroll to the desired application and press **Select**. The application launches.

Tip: If an application uses the whole display area, no soft key names are displayed. Press one of the selection keys ▽ or ▽ to show the options list. Then select one of the options or press **Back** to continue with the application.

• OTHER OPTIONS AVAILABLE FOR APPLICATIONS

• **Erase** - to erase the application or application set from the phone.

• **Web access** - to restrict the application for accessing the network. The allowed settings are **Ask first** (asks first for net access) and **Not allowed** (net access not allowed).

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- **Check version** - to check if a new version of the application is available for download from the mobile Internet services.

- **Details** - to give additional information about the application.

    Note: Check version and Internet link may not be available for all applications.

• DOWNLOAD A NEW APPLICATION

Note: The ability to download applications is dependent on your service provider. To learn more about this function, contact your service provider.

You can download new Java applications in different ways:

1 Use the WAP browser to find a Java application from a mobile internet site, OR

2 Use the Internet to download Java applications to your PC, then use the Java installer from PC Suite to download the applications in your phone.

Note: Nokia does not warrant for non-Nokia applications. If you choose to download and install an application, you should take the same precautions, for security or content, as you would with any site.

• CHECK MEMORY STATUS

Allows you to view memory available for Applications

1 Press **Menu 6-3** (**Applications - Memory**).

2 You will see the amount of **Free memory** and the **Total memory**. This will vary according to the number of applications you have installed.

Note: This feature utilizes dynamic memory. For a detailed explanation on dynamic memory, see "Dynamic memory use" on page 14.

7) Calculator

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.

The calculator in your phone adds, subtracts, multiplies, divides, calculates the square and the square root and converts currency values.

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

```
┌──── Menu ────7
│    Calculator
│      ▨✎
│ Select      Exit
```
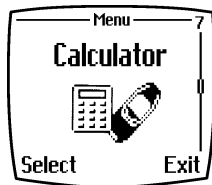
7

• PERFORMING A CALCULATION

1. Press **Menu 7** (**Calculator**).

2. When '**0**' is displayed on the screen, key in the first number in the calculation, press 🔘 for a decimal point.

3. Press **Options** and select from **Add**, **Subtract**, **Multiply**, **Divide**, **Square**, **Square root** or **Change sign**.

   Tip: Alternatively, press ⧉ once to add, twice to subtract, three times to multiply or four times to divide.

4. Key in the second number.

5. For a total, press **Options** and select **Equals**. Repeat steps 3 through 5 as many times as necessary.

6. To start a new calculation, first press and hold **Clear**.

   Tip: Pressing ⌃ ⌄ will change the number between positive and negative.

• MAKING A CURRENCY CONVERSION

1 Press **Menu 7** (**Calculator**).

2 Press **Options** and select **Exchange rate**.

   Scroll to and select either of the displayed options.

3 Key in the exchange rate, press $\overbrace{\ast^{\diamond}}$ for a decimal point, and press **OK**.

   The exchange rate remains in the memory until you replace it with another one.

To make the currency conversion, key in the amount to be converted, press **Options** and select **To home** or **To foreign**.

You can also make the currency conversion in standby mode. Key in the amount to be converted, press **Options** and select **To home** or **To foreign**.

8) To-do list

Your phone's To-do list allows you to save notes
for upcoming tasks or events. Notes can be
saved in priority order. You can save up to 30
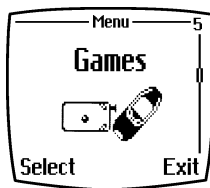notes, depending on the length of each note.

> **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 create a new note:

1 Press **Menu 8** (**To-do list**).
2 Then select **Options** and then select **Add**.
3 Enter a **Subject** for your note.
4 Press **Options**, scroll to **Save a**nd press **Select**.
5 Select the priority for the note, **High (1)**, **Medium (2)**, or **Low (3)**.
  Saved notes are listed first in priority order then alphabetically.

> **Note:** This feature utilizes dynamic memory. For a detailed explana-
> tion on dynamic memory, see "Dynamic memory use" on page 14.

To view an existing note:

1 Press **Menu 8 (To-do list)**.
2 Scroll to the note you want and select one of the following **Options**:
   • **View** the selected note.
   • **Add** a new note.
   • **Erase** the selected note.
   • **Edit** the contents of the note.
   • **Edit priority** to change the priority level for the note.
   • **Go to priority** selects the priority level of notes you want to view.
   • **Save to calend.** to save the note as a calendar note.
   • **Send as text** to send the note as a text message.

9) Calendar

Your phone's calendar helps you to keep track of reminders, calls that you need to make, meetings, and birthdays. The phone sounds an alarm tone when the set date for an event 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.
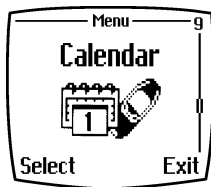
To view the phone's calendar:

1 Press **Menu 9** (**Calendar**) and scroll to the day you want. If there are any notes set for the day, the corresponding note type indicator is shown.

2 If you want to see the day's notes, press **Options** and select **View day**. The note indicator is shown on the first line. You can view a single note by scrolling to it in day view, then pressing **Options** and **View**. The month view shows four weeks at a time.

Tip: To quickly view a date not in the current month, press **Options**, scroll to **Go to date** and enter the date.

Other options for the calendar views may include:

• Options for making a note, for sending a note via IR or Bluetooth directly to another phone's calendar or as a text message.

• Options for erasing, editing, moving and repeating a note and for copying a note to another day.

• Settings to set, for example, the date, time, date format or time format. In the **Auto erase** option, you can set the phone to delete old notes automatically after a specified time. However, the repeat notes, for example, birthday notes, will not be deleted.

Tip: To quickly scroll through the current month, use the ⟨2 abc⟩ ⟨4 ghi⟩ ⟨6 mno⟩ and ⟨8 tuv⟩ keys.

• MAKING A CALENDAR NOTE

1 Press **Menu 9** (**Calendar**).

2 Scroll to the date you want, press **Options** and select **Make a note**.

3 Select from **Meeting**, **Call**, **Birthday** or **Memo**.

> Note: This feature utilizes dynamic memory. For a detailed explanation on dynamic memory, see "Dynamic memory use" on page 14.

Create a Meeting note

1 Key in the subject of the note, or press **Options** and scroll to **Find** to look up a name in the phone book, and press **OK**.

2 Press **Options** and **Save**.

3 Key in the time for the meeting and press **OK**.

4 Select either **No alarm, Silent** or **With tone** and then the alarm time for the note.

Create a Call note

1 Key in the phone number you want and press **Options**. To use a name in the phonebook, press **Options** and scroll to **Find**.

2 Key in the time for the call and press **OK**.

3 Select either **No alarm, Silent** or **With tone** and the alarm time.

Create a Birthday note

1 Key in the person's name and press **OK**. To use a name in the phonebook, press **Options** and scroll to **Find**.

2 Key in the date of birth, and press **OK**. Key in the year of birth (optional), and press **OK**. If you key in the year, the note shows the person's age after the name.

3 Select either **No alarm**, **Silent** or **With tone** and then the alarm time for the note.

Create a Memo

1   Key in the subject.

2   Press **Options**, scroll to and select **Save.**

3   Key in the end date.

4   Select either **No alarm**, **Silent** or **With tone** and then the alarm time
    for the note.

When a tone alert is set, the indicator 🎷 is displayed when you view
the notes.

When the phone alarms for a note, the phone beeps, and displays the
note. With a call note ☎ on the display, you can call the number by
pressing ✎.

To stop the alarm and view the note, press **View**. To stop the alarm
without viewing the note, press **Exit**.

10) Infrared

⚠ **Caution:** Do not point the infrared (IR) beam at anyone's eye or allow it to interfere with other IR devices. This device is a Class 1 Laser product.

📭 **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.

You can set up the phone to receive data through its IR port. To use an IR connection, the device with which you want to establish a connection must be IrDA compliant. You can send or receive data such as business cards and calendar notes to or from a compatible phone or data device (for example, a computer) via the IR port of your phone.
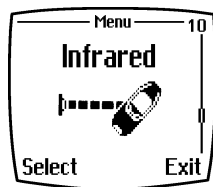
• SENDING AND RECEIVING DATA VIA INFRARED

Ensure that the IR ports of the sending and receiving devices are pointing at each other and that there are no obstructions between the devices. The preferable maximum distance between the two devices in an infrared connection is approximately three feet.

To activate the IR port of your phone to receive data via IR:

1   Press **Menu 10** (**Infrared**).

2   The user of the sending phone selects the desired IR function to start data transfer.

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

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• INFRARED CONNECTION INDICATOR

When ▸--- is shown continuously, the IR connection is activated and your phone is ready to send or receive data via its IR port.

When ▸--- blinks, your phone is trying to connect to the other device or a connection has been lost.

When ▸--- is not displayed, no IR connection exists.

• SEND AND RECEIVE INFORMATION

You can transmit information in your phone by IR using the industry-standard v.card format. You can send business cards (v.card) and calendar notes (v.cal) to another phone, to a PC running the appropriate software, or to other IR-equipped hand-held devices.

Send a business card to another device

First, make sure that the other phone or device is set to receive data via its IR port. Refer to the user guide for the receiving device for more information on setting up IR communications.

1 Recall the name from your phone book.

2 Press Details, if shown, or skip to Step 3.

3 Press Options.

4 Scroll to Send bus. card and press Select.

5 Scroll to Via infrared and press OK.

> **Note:** If you have more than one number or text information to send, choose Primary no. or All details, then press Select.

The phone sends the business card through its IR port.

Receive a business card from another device

You can receive business cards from another compatible phone. The user of the other phone or device sends you a card as described in the previous section.

1 Point the IR ports at each other.

2 Press Menu **10** (Infrared).

3 When you see the message Business card received, press Show.

4 Press Options, scroll to Save or Discard, then press OK.

   • If you press Save, you see the confirmation message Business card saved.

   • If you press Discard, you see the question Discard business card? Press OK to delete the card.

⚠ **Caution:** If you press 🖉 at any time before saving the business card, the business card will be deleted!

Send calendar notes to another device

First, make sure that the other phone or device is set to receive data via its IR port. Refer to the user guide for the receiving device for more information on setting up IR communications.

1 Select the calendar note you want to send, then press Options.

2 Scroll to Send note, then press Select.

3 Scroll to Send via IR, then press Select.

The phone sends the note to the other device.

Receive calendar notes from another device

You can receive calendar from another compatible phone. The user of the other phone or device sends you a card as described in the previous section.

1 Point the IR ports at each other.

2 Press Menu 10 (Infrared).

3 When you see the message Calendar note received, press Show.

4 Press Options, scroll to Save or Discard, then press OK.

   • If you press Save, you see the confirmation message Calendar note saved.

   • If you press Discard, you see the question Discard calendar note? Press OK to delete the note.

⚠ **Caution:** If you press 🖉 at any time before saving the calendar note, the calendar note will be deleted!

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11) Bluetooth

> **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.

You can set up the phone to send and receive data through Bluetooth. In the Bluetooth menu, you can manage connections and define settings.

Since Bluetooth devices communicate using radio waves, your phone and the other Bluetooth device do not need to be in line of sight. The two devices only need to be within a maximum of 30 feet of each other, although the connection may be subject to interference from obstructions (e.g. walls or other electronic devices).
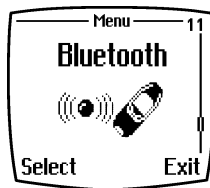
> **Important:** In some countries, there may be restrictions on using Bluetooth devices. Check with your local authorities before attempting to make a Bluetooth connection with another device.

• ACTIVATE AND DEACTIVATE BLUETOOTH

1 Press **Menu 11** (**Bluetooth**) and select **On** or **Off**.

The phone displays a notification that Bluetooth is activated or deactivated. When Bluetooth is on, the indicator ( ) is displayed.

Like any other function of your phone, using Bluetooth consumes battery power and the phone's operating time will be reduced as a result. Be careful not to let it run excessively in the background when performing other operations with your phone.

Unlike the IR function, Bluetooth will not automatically turn off after extended idle time. You must deactivate it manually.

Bluetooth device name

Bluetooth device names help you to distinguish one Bluetooth device or accessory from another. When the user activates the Bluetooth module for the first time, the phone asks for the Bluetooth device name of your phone by showing **Enter name:** You can accept the default name or change it. The name can be up to 15 characters. After you have created a name, **Name saved** is shown.

> Note: **Enter name** does not appear after you have already changed the name of the device in **Bluetooth settings** before the first activation of Bluetooth. To change the name after the first activation, see "My phone's name" on page 77.

Pairing with Bluetooth passcode

To create a secure connection, you may need to exchange Bluetooth passcodes with the device you are connecting to for the first time. This operation is called pairing. The Bluetooth passcode is a 1 to 16 character-long numeric code. Accessories, as well as data and fax connections to a compatible computer, require a pairing. Nokia accessories have fixed passcodes that are supplied with the accessory.

> Note: When forming a Bluetooth connection to a non-Nokia device, the other device may not require a passcode before you can pair with it. However, your Nokia phone requires a password on all pairings. In instances such as these, create a simple passcode (e.g. 123). This passcode is used only once and you do not have to memorize it. If you need to create the pairing between the two Bluetooth devices again, you can make up a new code.

• BLUETOOTH CONNECTION

1 Press **Menu 11-2** (**Bluetooth - Search for audio accessories**).

Once selected, the phone searches for devices and accessories. Devices responding to the inquiry appear on a list of Bluetooth accessories, one by one, starting from the device found first. The phone shows the device found last on the bottom of the list. To end the inquiry, press **Cancel**.

2 Scroll to the device you want and press **Select**.

When the connection has been established, the device shows **Connected to** followed by the device's name, and the indicator.

If devices have not been paired, the user is asked to enter the passcode of the desired device. See "Pairing with Bluetooth passcode" above.

> **Note:** If the device in the list moves out of range and you try to connect to it, an error note is shown. You can have only one active connection at a time.

To view the currently active device:

1 Press **Menu 11-3** (**Bluetooth - View active device**). From here, you can also disconnect from the device.

To view the list of paired devices:

1 Press **Menu 11-4** (**Bluetooth - View paired devices**).

The oldest pairing is on the top of the list. When you press **Options** under **View paired devices**, some of the following options may be available, depending on the status of the device or connection:

- **Establish Bluetooth connection**
- **Assign short name**, to give a name (visible to you only) to the paired device
- **Delete pairing** to remove the selected device from the list
- **Request conn. authorization** to define whether the connection from the paired device is established automatically (**No**) or if the phone asks permission before connecting (**Yes**).

• BLUETOOTH SETTINGS

These settings are for changing the phone's own Bluetooth related settings.

1 Press **Menu 11-5** (**Bluetooth - Bluetooth settings**).

You have the following options:

My phone's visibility

To change the way the phone is visible to other Bluetooth devices. The options are as follows:

- **Shown to all**, which is the default mode, or
- **Hidden** to make the device non-discoverable, responding only to devices that it has been paired with.

My phone's name

This option allows you to change your phone's Bluetooth device name, which is shown to other Bluetooth devices. Enter the name just as if you were entering text in any other menu, using a combination of alpha and numeric characters if you wish. There is a limit of 15 characters.

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12) Extras

> **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.

• VOICE RECORDER

You can record speech, sounds or an active call for up to two minutes. For example, this is useful when recording a name and phone number for writing them down later.

> **Note:** Obey all local laws governing the recording of phone calls. Do not use this feature illegally.
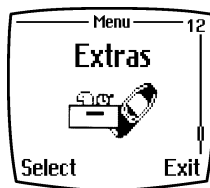
Recording

1 Press **Menu 12-1** (**Extras - Voice recorder**).

2 To start the recording, select **Record**. To start recording during a call, press **Options**, and select **Record**.

When recording, hold the phone in the normal position, near to your ear.

To end the recording:

1 Press **Stop**.

2 Enter a new **Title** for the recording and press **OK** to save it.

If you do not want to save the recording:

1 Press and hold **Clear** to erase the preset title.

2 Then press **Back** and **OK** to confirm that you do not wish to save the recording.

If you record an active call, the phone automatically saves the recording by the name **Recording**.

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Recordings list

To view a list of saved recordings:

1 Press **Menu 12-1-2** (**Extras - Voice recorder - Recordings list**)

2 Scroll to the recording you want and press **Options**.

The following options will appear:

- Select **Playback** to listen to the selected recording.

- Select **Edit title** to change the name of the recording, then enter a new name for the recording and press **OK**.

- Select **Erase** to erase the recording.

- Select **Add alarm**. Key in the date for the alarm and press **OK**. Key in the time for the alarm and am or pm and press **OK**.

Alarm replaces **Add alarm** when the alarm is set. Select **Alarm** and the name of the recording, and the date and the time for the alarm are displayed. To remove the alarm, press **Erase** and then press **OK**.

When the alarm time expires, the phone will sound an alert tone as **Recording!** and the alarm time and name of the recording are displayed. Press **Stop** to stop the alarm, then press **Play** to listen to the recording.

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> **Tip:** The alarm feature is a handy way of setting reminders to perform certain tasks. For example, you can record a reminder to drop your clothing by the dry cleaners or to call a friend. When the alarm sounds, you can listen to a reminder in your own words.

• VOICE COMMANDS

Your phone has a list of phone functions which can be activated by using a voice tag. This feature is similar to using voice tags to dial numbers in your phone book. However, with voice commands, your phone will perform different functions like activating your **Silent** or **Meeting** profiles, the infrared function, etc. Up to five voice commands can be added.

Create and use voice commands

To create a voice command:

1 Press **Menu 12-2** (**Extras - Voice commands**).

2 Select the command folder you want from the following:

- **Profiles**
- **Voice mailbox**
- **Infrared**
- **Recorder**
- **Call log**

3 Once you have selected the desired folder above, scroll to the command (some folders contain only one option) to which you want to add a voice tag.

4 Press **Options** then select **Add command**.

If the command already has a voice tag, the indicator ☼ is shown. If the voice tag memory is full, you will be prompted to erase an existing command before you can record another.

5 Press **Start** and speak the command clearly. The command will play back and ☼ will appear next to the command name.

To activate a voice command:

1 Make sure the phone is in idle mode.

2 Press and hold **Names**.

OR

3 Press and hold the volume down key.

4 Speak the command when prompted.

> **Note:** When an application using the GPRS connection is sending or receiving data, you cannot activate a voice command. To use a voice command, you must first terminate the GPRS connection.

• WALLET

Your phone's Wallet feature allows you to store personal information. like debit and credit card information to an encrypted area of your phone's memory. This information can then be used to make secure online purchases. Wallet purchases can also utilize digital signatures enabled by a security module in the sim card (if present) for signing and verifying transactions. Online purchases and digital signature capabilities are dependent upon your wireless provider.
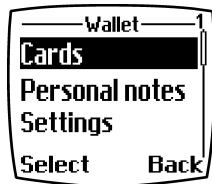
Other Wallet features

You can also store important information in a Wallet personal note. Security features such as a password and data encryption make it ideal for storing personal information such as PIN codes and other sensitive data.

Wallet security

To protect yourself against unauthorized use of the wallet content/ information, you can require a code to be entered each time you use Wallet. See "Activate Code Request" on page 82 for instructions.

Wallet time-out

If Wallet is open for longer than 5 minutes without any user interaction (key presses), a query appears in the display asking if you would like to keep **Wallet open**, or **Exit**. If you do not respond within 5 seconds, the wallet application closes and your phone returns to the **Start screen**.

Create a wallet code

The first time you access Wallet, you will be asked to create a personalized wallet code. The Wallet code can be 4 -10 digits in length.

1. At the **Start screen**, press **Menu 12-3** (**Extras - Wallet**). After a brief pause, you are prompted to enter a Wallet code.

2. Enter the 4 to 10 digit code of your choice and press **OK**. Wallet prompts you to verify the code.

> **Note:** Create a code that is unique, yet easy to remember. This will be your key to using Wallet's features in the future. Also, keep your wallet code in a secret place, separate from your phone.

Change your wallet code

1 At the **Start screen**, press **Menu 12-3** (**Extras - Wallet**). After a brief pause, you are prompted to enter your wallet code.

2 Enter your wallet code and press **OK**.

3 Scroll to **Settings** and press **Select**.

4 Scroll to **Change code** and press **Select**.

5 Enter the original wallet code and press **OK**.

6 Enter the new wallet code and press **OK**.

7 Enter the new wallet code again for verification and press **OK**. A message appears in the display confirming your change.

Activate Code Request

To protect yourself against unauthorized use of the waller content/ information, you can require the wallet code to be entered each time you use **Wallet**.

1 At the **Start screen**, press **Menu 12-3** (**Extras - Wallet**). After a brief pause, you are prompted to enter your wallet code.

2 Enter your wallet code and press **OK**.

3 Scroll to **Settings** and press **Select**.

4 Scroll to **Code request** and press **Select**. You are prompted to enter the wallet code.

5 Enter the wallet code and press **OK**.

6 Scroll to **On** (or **Off** to deactivate) and press **Select**. A message appears in the display confirming you have activated code request.

Reset the wallet code

If you forget the wallet code and wish to erase all the information stored in **Wallet**, follow these steps.

> ⚠ **Caution:** Once you reset the wallet code and clear the contents of Wallet, you cannot restore this information.

1 At the **Start** screen, enter ***#3925538# (*#ewallet#)**. A message appears asking if you want to clear your wallet's content and code.

2 If you want to permanently delete your wallet code and its contents, press **OK**.

3 Enter the security code and press **OK**. Your wallet's code and content are erased.

• CREATE A WALLET CARD

Wallet cards contain data entry fields for shipping, billing, receipt, and card information. Wallet can hold up to 5 credit card sets.

1 At the **Start screen**, press **Menu 12-3** (**Extras - Wallet**). After a brief pause, you are prompted to enter the wallet code.

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2 Enter the wallet code and press **OK**. Scroll to **Cards** and press **Select**.

3 Scroll to a card, press **Select**, then choose from the following options.

Card entry fields	
Card info	Enter the card holder, type, number, verification value, expiration day, expiration month, and expiration year
User info	Enter your user name and password
Shipping info	Enter your first, middle, and last name, company name and street address 1, street address 2, city, state, zip code, and country, phone number, and e-mail address

Billing info	Enter your first, middle, last name, company name and street address 1, street address 2, city, state, zip code, country, phone number, e-mail address
Receipt info	Enter the **receipt to phone number and receipt to e-mail** address
Clear card	Clear the contents of a card
Rename card	Rename the card

Compose a personal note

Wallet can store up to 30 personal notes, such as passcodes or other sensitive data. Your notes are protected by wallet's security feature.

> **Note:** This feature utilizes dynamic memory. For a detailed explanation on dynamic memory, see "Dynamic memory use" on page 14.

1 At the **Start screen**, press **Menu 12-3** (**Extras - Wallet**). After a brief pause, you are prompted to enter your wallet code.
2 Enter your wallet code and press **OK**.
3 Scroll to **Personal notes** and press **Select**.
4 Press **Add new**, compose your note, and press **Options**.
5 Scroll to **Save** and press **Select**.
6 Enter a title for the note and press **Options**.
7 Scroll to **Save** and press **Select**. Your note is saved.

OPTIONS WHILE VIEWING THE NOTES LIST

1 Select **Personal notes** from Wallet's main menu. You are presented with headers of the notes you have composed thus far.
2 Press **Options** with any note header highlighted to display the options in the following table.

3 Use the scroll keys to highlight an option. Use the selection keys to select an option or exit the list.

Options while viewing the notes list	
View	View the contents of the selected note
Add new	Compose and save a new note
Sort	Sort the list of notes by name or date
Erase	Erase the selected note
Erase all	Erase all notes

OPTIONS WHILE VIEWING A NOTE

1 While displaying personal notes from the list view, press **Options**, (**View** is highlighted), and press **Select**.

2 Press **Options** and the following list of options appear in the display.

3 Use the scroll keys to highlight an option. Use the selection keys to select an option or exit.

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Options while viewing a note	
Edit	Edit the note
Send as text	Send the note to a compatible phone via SMS
Copy to calend.	Copy the note to any date on your calendar
Use number	Capture any numbers within the note. The number can then be saved to your Phone book, used to place a call, or you can send a message to the number
Erase	Erase the note

• COUNTDOWN TIMER

Your phone's countdown timer can be used in a variety of ways.

To set the countdown timer:

1 Press **Menu 12-4** (**Extras - Countdown timer**).

2 Key in the alarm time in hours and minutes and press **OK** to start the countdown timer.

3 If you like, write a note to be displayed when the time expires, and press **OK**.

When the timer is running, the indicator ⌂ is shown when your phone is in standby mode.

If the alarm time is reached when the phone is in standby mode, the phone sounds a tone and flashes the note text you have entered or **Countdown time up**. Stop the alarm by pressing **OK**. If no key is pressed, the alarm stops automatically within 30 seconds. Press **OK** to erase the note text.

To stop the countdown timer or to change the countdown time:

1 Press **Menu 12-4** (**Extras - Countdown timer**).

2 Select **Change time** to set the timer again, or **Stop timer** to stop the timer.

To view the remaining time:

1 Press **Menu 12-4** (**Extras - Countdown timer**) to view the remaining time.

2 To exit, press **Back** twice or press ⌸.

• STOPWATCH

You can measure time, take split times or lap times by using the stopwatch. During timing, the other functions of the phone can be used.

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

Time observation and time splitting

1 Press **Menu 12-5-3** (**Extras - Stopwatch - Split timing**). You can select **Continue** if split timing was set previously, but was interrupted (e.g. if you received an incoming call and navigated away from the **Stopwatch** menu).

2 Press **Start** to start the time observation.

3 Press **Split** every time you want to take an intermediate time. The intermediate times are listed below the running time on the display. Scroll to view the times.

4 Press **Stop** to end the timing. Once the timing has been stopped, press **Options** and choose from the following options:

   • Press **Start** to start the time observation again. The new time is added to the previous time.

   • Press **Save** to save the time. Key in a name for the measured time and press **OK**. If no name is keyed in, the total time is used as a title.

   • Press **Reset** to reset the time without saving it.

Lap times

1 Press **Menu 12-5-4** (**Extras - Stopwatch - Lap timing**).

2 Press **Start** to start the time observation and **Lap** to take a lap time.

3 Press **Stop** to stop the lap timing.

   Once the lap timing has been stopped, press **Options** and choose from the following list:

   • **Start** to start another lap timing

   • **Save** to save the time

   • **Reset** to reset the lap times

Viewing and erasing times

1 Press **Menu 12-5** (**Extras - Stopwatch**).

2 If the stopwatch is not reset, you can select **Show last time** to view the latest measured time.

3 If the stopwatch has been reset, select **View times** and a list of timing names or final times is shown. You can then select the time set you want to view.

To delete the saved times:

1 Scroll to **Erase times**.

2 Select **One by one** and scroll to the times you want to delete, press **Erase** and press **OK**. OR

3 Select **All at once** and press **OK**.

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13) Services (Mobile Internet)

> **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.

Your phone has a built-in browser you can use to connect to selected services and merchants on the Internet. You can check news and weather reports, make flight reservations, view financial information, and much more.

```
┌─── Menu ─── 13 ┐
│   Services     │
│     (globe)    │
│                │
│ Select    Exit │
└────────────────┘
```
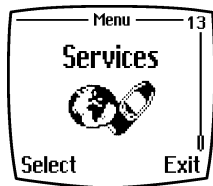
• NOTES ON MOBILE INTERNET ACCESS

This section gives a brief overview of mobile Internet technology.

Technology background

WAP

A technology called Wireless Application Protocol (WAP) is to mobile devices what the World Wide Web (WWW) is to personal computers. The mobile community began developing WAP several years ago to provide access to the Internet for mobile users.

Today, most WAP sites are made up of text and hyperlinks. Some pages even contain low-resolution graphics, or require data input.

Internet content on your personal computer is called a "web page." Internet content on your mobile phone is called a "WAP page."

> **Note:** Web pages using the Hyper Text Mark-Up Language (HTML) **cannot be viewed on your phone**.

GPRS (GENERAL PACKET RADIO SERVICE)

Your Nokia 6310i phone features GPRS, a new technology that allows mobile phones to be used for sending and receiving data over the mobile network. GPRS is a data bearer that enables wireless access to data networks such as the Internet. The applications that use GPRS are WAP, SMS messaging and the GPRS dial-up (for example, Internet and e-mail).

Before you can use GPRS technology:

• You need to subscribe to the GPRS service.

For availability and subscription to the GPRS service, contact your wireless service provider.

• You need to save the GPRS settings for the applications used over GPRS. This information is also available from your service provider.

⟲ **Important:** GPRS may not be available in all wireless networks. The establishment and continuation of a GPRS and Internet connection depends on network availability, service provider support, and signal strength.

The Service provider's role

Because WAP pages are designed to be viewed from your phone, your cellular service provider is also your "mobile Internet service provider."

It is likely that your service provider has created a home page and set up your WAP browser to navigate to this page when you initialize your phone's browser. Once at your service provider's home page, you may find links to other sites.

• SET UP FOR BROWSING

You should not need to do anything to set up your phone for browsing. Your service provider usually installs or modifies the appropriate settings when you subscribe to the feature. Contact your service provider if you have problems using the browser.

• LOG ON TO THE MOBILE INTERNET

1 Press **Menu 13** (**Services**).

2 Scroll to **Home**, then press **Select**.

OR

3 Press and hold $\boxed{0}$.

Your phone connects to the mobile Internet and your home page, which may be predetermined by your service provider.

If you see the message **Check service settings**, the phone may not be set up for browsing. Contact your service provider to make sure that your phone is configured properly.

• BROWSER OPTIONS

There are a number of options which allow you to customize your Browser sessions. Some options can be modified both during WAP sessions and when the Browser is idle.

Some service providers may have customized the options in the **Services** menu. Contact your service provider for more information if any of the options shown below are not available.

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> **Note:** Some WAP features, including Cache, Bookmarks and Security code, utilize dynamic memory. For a detailed explanation on dynamic memory, see "Dynamic memory use" on page 14.

Options while browsing

To access Browser options during a WAP session, press **Options** and select from the following:

HOME

Select this option to navigate back to the homepage currently established in your browser.

BOOKMARKS

The list of bookmarks is displayed. (This option may not appear until you have opened your Home page).

EDIT / OPEN ROW / OPEN LINK / OPEN LIST

Select this option to key in text or select a highlighted item on the WAP page.

ADD BOOKMARK

Select this option to add the current WAP page as a bookmark in your bookmarks list.

GO TO ADDRESS

Select this option to key in the address of the WAP site you want.

SERVICE INBOX

Select this option to view the list of service messages.

APPEARANCE SETTINGS

By adjusting the appearance settings, you control whether text is wrapped and the way images are handled.

- Select **Text wrapping** or **Show images**.
- Select **On** or **Off** for **Text wrapping**.
- **Select Yes** or **No** for **Show images**. When Text wrapping is set to **On**, the text continues on to 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 can speed up the browsing of WAP pages that contain several graphics.

COOKIE SETTINGS

You can set the phone to allow or prevent the receiving of cookies. A cookie is data that a WAP site saves in your phone's browser cache memory. The data can be, for example, your user information or your browsing preferences. Cookies will be saved until you clear the cache memory.

- Select **Cookies** and select **Allow** or **Reject** to allow or prevent the phone to receive cookies.

USE NUMBER

Select this option to copy a number from the current WAP page for saving or calling (which ends the WAP connection). If the WAP page contains several numbers, you may select the desired one.

RELOAD

Select this option to reload and update the current WAP page.

CLEAR THE CACHE

Select this option to erase any confidential information you may have transmitted during a WAP session. For more information, see "Clear the cache memory" on page 96.

• Press **Options** and select **Clear the cache**.

SECURITY INFO

To view security information about the current connection and the server.

QUIT

To quit browsing and end the call.

Options when not browsing

To access Browser options when the Browser is idle, press **Menu 13-4** (**Services - Settings**) and select from the following:

APPEARANCE SETTINGS

See "Appearance settings" on page 92.

COOKIE SETTINGS

See "Cookie settings" on page 92.

CERTIFICATES

See "Certificates" on page 98.

SERVICE INBOX

See "Service inbox" on page 92.

• NAVIGATE THE MOBILE INTERNET

Since your phone's screen is much smaller than a computer screen, Internet content is displayed in a different format than you may be used to. The tips below show you how to use the phone's keys to navigate a WAP site.

- Use the scroll keys to browse the WAP site ($\frown$ $\smile$).
- To select a highlighted item, press $\diagdown$.
- To enter letters and numbers, press the keys $\boxed{0}$ to $\boxed{9^{wxyz}}$.
- To enter special characters, press the $\boxed{*}$ key.

• USE BOOKMARKS

You can save addresses for your favorite sites as bookmarks. A bookmark helps you find a site again without having to enter the address.

Use bookmarks while browsing

You can add up to 25 bookmarks.

1 Press **Menu 13-2** (**Services** - **Bookmarks**), then press **Select**.

2 Scroll to the desired bookmark, then press **Options**.

3 Scroll to **Go to** then press **Select**. You will then be taken to the bookmarked site.

Add a new bookmark

1 Press **Menu 13-2** (**Services** - **Bookmarks**), then press **Select.**

2 Press **Options** and scroll to **New Bookmark**.

3 Enter the address and title of the desired WAP site, then press **OK**.

Receiving a bookmark

When you have received a bookmark as a text message, press **Options** and select **View** to view the bookmark, **Save** to save the bookmark, or **Discard** to discard it.

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.

• ONLINE PURCHASES

Important: Online purchases and digital signature capabilities are dependent upon your wireless provider. This feature exists in your phone to support and simplify wireless payments services expected to launch in selected markets in the near future.

Once you have entered all of the necessary credit and debit information into a wallet card, you can use your WAP browser to fetch this information and make fast, secure purchases online. See "Wallet" on page 81 for information on setting up Wallet.

1 At the **Start screen**, press **Menu 13** (**Services**). After a brief pause, a list of options appear in the display.

2 Scroll to **Home** and press **Select**.

Your phone connects to the Internet and is directed to your wireless provider's home page.

Note: You can use Wallet for online purchases when the service supports ECML format.

3 When you are ready to make a purchase, press **Options**, scroll to **Use Wallet info** and press **Select**.

4 You are prompted to enter your wallet code. Enter the code and press **OK**.

5 Scroll to **Cards** and press **Select**.

6 Scroll to the wallet card you wish to use in this purchase (if you have more than one) and press **Select**. You will receive a list of choices to fill in (all details, only shipping details, etc.).

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7   Scroll to your choice and press **Select**. Wallet automatically fills in the
    details as required by the online service.

    Respond to further queries as necessary to complete the transaction.
    Eventually you will receive a digital certificate confirming your purchase.
    You may receive a sign-in document from the wireless service that you
    can sign using signing certificate and your personal signing PIN code.
    The digital signature authenticates your purchase and makes it binding.
    For more information, contact your service provider.

• SECURITY ISSUES

Clear the cache memory
The information or services you access with the WAP browser are temporarily
saved in the cache memory of the phone. If you tried to access or have
accessed confidential information requiring passwords (for example, a
bank account), empty the cache of your phone after each use.

CLEAR THE CACHE
1   Press **Menu 13** (**Services**).

2   Scroll to **Clear cache**, then press **Select**.

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

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 the **Service inbox**.

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

WHEN A WAP CONNECTION IS IN PROGRESS:
1   Press **Options** and select **Service inbox**.

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

3 Select from the following options:

- **Download** to download the indicated content.
- **Details** to display information on the service notification.
- **Erase** to delete the selected service notification.

Set the phone to receive service messages

Press **Menu 13-4-7** (**Services - Settings - Service inbox settings - Service messages**). To set the phone to receive service messages, select **On**. If you select **Off**, the phone will not receive service messages.

• SECURITY INDICATOR

If the security indicator 🔒 is displayed during a WAP connection, the data transmission between the phone and the WAP gateway or WAP server (identified by the IP address in the Edit active service settings) is encrypted.

However, the security indicator does not indicate that the data transmission between the gateway and the content server (the location 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.

Digital signature

With the digital signature functionality you can, for example, digitally sign a bill or a financial contract. The signature can be traced back to you via the private key and the associated certificate that was used to perform the signature, so signing with the digital signature is the same as signing your name to a paper bill, contract or other document.

A digital signature is initiated by a code embedded in a WAP page. Select a link, for example, the title of the book you want to buy and its price. The digital signature procedure starts and shows the text to sign. At this point the header text is **Read** and the digital signature icon 🔏 is shown.

> **Note:** If the digital signature icon does not appear, this means that there is a security breach, and you should not enter any personal data such as your signing PIN.

To sign the displayed text

1   Select **Sign**, after you have read all of the text.

> **Note:** The text may not fit within a single screen. Therefore, make sure to scroll through and read all of the text before signing.

2   Select the user certificate you want to use.

3   Key in the signing PIN and press **OK**.

    Since the PIN code will not be sent outside the phone, it will remain secret.

4   The phone displays **Confirmation code accepted**.

    If you entered a wrong PIN, an error note is displayed, and the phone asks you to key in the PIN code again. After the confirmation has been displayed, the digital signature icon will disappear, and browsing continues. The WAP service may display a confirmation of your purchase.

Certificates

There are two kinds of certificates:

1   **Authority certificates**: Authority certificates are used by some WAP services, such as banking services, for checking signatures or server certificates or other authority certificates.

    You can download the certificate from a WAP page, if the WAP service supports the use of authority 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 certificate list in the phone. Authority certificates may also be available in the security module.

2   **User certificates:** User certificates are issued to users by a Certifying Authority. They associate a user with a specific private key in a security module, and they are stored in the module by the SIM card issuer or the service provider.

• DATA AND FAX COMMUNICATION

You can transfer data to other compatible devices when your Nokia 6310i phone is connected to a compatible PC via an IR connection, cable or Bluetooth.

To send and receive e-mail and faxes, and to connect to computers and access the Internet, you also need the appropriate data and fax communications software installed on your computer. You can use the Nokia 6310i phone with a variety of commercially available data and fax communications applications.

To use your phone as a modem with your PC, you must first install it on your PC as a modem.

Communication applications and modem drivers

On the Nokia website, www.forum.nokia.com, you can find the required system files for data communication and also the instructions for installation. You can also find documents that advise you on how to set up devices and applications for use with the Nokia 6310i phone.

Modem Setup

You can use the Nokia 6310i phone as a wireless modem with your laptop computer or handheld device, giving you access to the Internet (for e-mail and Web browsing) or corporate networks wherever you are.

For more information on modem setup for PCs and handheld devices, please refer to the *Nokia PC Suite 4.8 User Guide and PC/PDA Connectivity Guide for Nokia 6310i.*

Download software

Software and documentation can be downloaded from the Internet at www.nokia.ca. Click on the Download link. From there, you can download software to help integrate the Nokia 6310i phone with your computer or other devices.

Using data communication applications

1 Activate the IR connection (**Menu 10**) or Bluetooth connection (**Menu 11**) of your phone, or connect to the other device using the Nokia DLR-3P serial cable.

If you are using the IR connection, make sure that the infrared port of the phone faces the infrared port of the PC.

2 Start using the data communications application on the PC.

For information on the use of the application, refer to the instructions for the application.

> **Note:** Making or answering phone calls during a PC connection is not recommended as it might disrupt the operation. For better performance during data calls, place the phone on a stationary surface with the keypad facing downward. Do not move the phone by holding it in your hand during a data call.

• NOKIA PC SUITE™

Once your phone is connected to your PC, you can use the various components of Nokia PC Suite to:

- Make a backup copy of the data in your phone (Content Copier)

- Edit phone book names and numbers, profiles, and settings via your PC's keyboard (Phone Editor)

- Create ringing tones and transfer them to your phone (PC Composer)

- Create caller group icons or pictures for use with picture messaging (PC Editor)

- Synchronize the Phone book and reminders with personal information manager (PIM) applications such as Microsoft Outlook, Outlook Express, and Lotus Organizer (PC Sync)

> **Note:** Please refer to the *Nokia PC Suite 4.8 User Guide and PC/PDA Connectivity Guide for Nokia 6310i* for installation and setup instructions.

Manage phone security

Your phone is equipped with different security features that allow you to do the following:

- avoid making accidental calls,
- prevent unauthorized use of your phone, and
- restrict outgoing or incoming calls.

• ABOUT SECURITY CODES

The following table summarizes how different types of security codes are used in your phone.

Code	Purpose
Security code	Required by several phone features. If phone security is on, the phone requests the security code the first time you use it after installing a new SIM card.
PIN code	If SIM card security is on, the phone requests the PIN code every time the phone is turned on.
PIN2 code	Required by several phone features.
Restriction password	Required by the restrict calls feature. See "About your restriction password" on page 105.

• PIN CODES

The PIN (Personal Identity Number) and PIN2 codes are 4- to 8-digit numbers that usually come from your service provider along with the SIM card. Use the PIN code to protect your phone and SIM card against unauthorized use. The PIN2 code activates some of your phone's functions.

When the phone requires the PIN or PIN2 code, it displays **Enter PIN code:** or **Enter PIN2 code:**.

Enter the code then press **OK**.

Set PIN code request

You can activate the PIN code request to prevent unauthorized use of your phone. If you set the PIN code request to **On**, your phone will ask for the code each time you turn the phone on.

1   Press **Menu 4-8-1** (**Settings - Security settings - PIN code request**).

2   Enter the PIN code supplied by your service provider, and press **OK**.

3   Press (up or down) to highlight **On** and press **OK**.

To turn off this feature, repeat steps 1 through 3 above, but highlight **Off** in step 3.

Change your PIN or PIN2 code

You can change your PIN or PIN2 code to any 4- to 8-digit number.

1   Press **Menu 4-8-6** (**Settings - Security settings - Change access codes**), scroll to the PIN code you want to change, then press **Select**.

2   Enter the current PIN code and press **OK**.

3   Enter the new PIN code and press **OK**.

4   Enter the new PIN code again to verify, and press **OK**.

> **Note:** If you make a mistake while entering the code, Code Error appears. Start again at step 2 and be careful to enter the correct code. If you enter the wrong code three times in a row, the PIN code is blocked. To unblock the PIN code, you need a Personal Unblocking Key (PUK).

• PUK CODES

The PUK (Personal Unblocking Key) and PUK2 codes are 4- to 8-digit codes that also usually come from your service provider along with the SIM card. The PUK code unblocks a blocked PIN code, and the PUK2 code unblocks a blocked PIN2 code.

If you block your phone, you may need to contact your service provider. When you enter the PUK code given by your service provider, the phone will ask you to enter and then confirm a new PIN code.

• SECURITY CODE

> **Note:** The default security code is 12345. You need the security code to access some security features. When the phone requires the security code, it displays **Security code:**

Enter the code then press **OK**.

If you enter an incorrect security code five times in a row, the phone will not accept the correct code for 5 minutes.

Change the security code

1 Press **Menu 4-8-6** (**Settings - Security settings - Change access codes**).

2 Scroll to **Change security code** and press **Select**.

3 Enter the current security code, then press **OK**.

4 Enter the new security code, then press **OK**.

5 Enter the security code again to verify, then press **OK**.

> **Important:** Keep the code secret and in a safe place, separate from the phone.

• USE FIXED DIALING

If supported by your service provider and SIM card, this feature lets you restrict your outgoing calls to phone numbers included in the fixed dialing list or beginning with the same digit(s) as an entry in the list.

> **Note:** When Fixed Dialing is set on, calls may be possible to certain emergency numbers in some networks (for example, 911 or other official emergency number). If you turn fixed dialing on and do not have any numbers in the fixed dialing list, you will not be able to place calls other than to emergency numbers as indicated above.

Turn fixed dialing on or off

1 Press **Menu 4-8-3** (**Settings - Security settings - Fixed dialing**).

2 Scroll to **On** or **Off**, then press **OK**.

3 Enter your PIN2 code, then press **OK**.

Add numbers to the fixed dialing list

1   Press **Menu 4-8-3** (**Settings - Security settings - Fixed dialing**).

2   Scroll to **Number list**, then press **Select**.

3   Scroll to **Add**, then press **Select**.

4   Enter your PIN2 code and press **OK**.

5   Enter a name to go with the restricted phone number, then press **OK**.

6   Enter the phone number you want to restrict, then press **OK**.

Repeat steps 3 through 6 for each number you want to add to the list.

• RESTRICT CALLS

This network service lets you restrict the calls your phone can make and receive. Check with your service provider for details.

> **Note:** When calls are restricted, calls may be possible to certain emergency numbers in some networks (such as 911 or other official emergency number).

Turn on call restrictions

1   Press **Menu 4-8-2** (**Settings - Security settings - Call restrictions**).

2   Scroll through the types of calls you can restrict, and press Select when you see the one you want.

Outgoing calls: Calls cannot be made.

International calls: Calls cannot be made to foreign countries.

International except to home country: When abroad, calls can be made only within the current country and to your home country (that is, the country where your home network operator is located).

Incoming calls: Calls cannot be received.

Incoming calls if roaming: Calls cannot be received outside your home area.

Cancel all call restrictions: Turns off all call restrictions. Calls can be made and received in the usual way.

> **Note:** If you selected **Cancel all call restrictions**, the following steps are not available. Also, you can cancel call restrictions on each option, allowing restrictions on other options to stay in force.

3 Scroll to one of the following options:

   • **Activate**: Enter the restriction password and press **OK**.

   • **Cancel**: Enter the restriction password and press **OK**.

   • **Status**: The phone lists the call types with call restriction active.

4 Press **OK**.

About your restriction password

Contact your service provider for the restriction password. Once you have obtained the password, follow the instructions below to change it.

Change your restriction password

1 Press **Menu 4-8-6-4** (**Settings - Security settings - Change access codes - Change restriction password**).

2 Enter your new password, then press **OK**.

• SET UP A CLOSED USER GROUP

This network service specifies the group of people to whom you can call and who can call you. **Default** resets the phone to use a user group that the SIM card owner has agreed upon with the service provider.

> **Note:** When calls are limited to closed user groups, calls may be possible to certain emergency numbers in some networks (such as 911 or other official emergency number).

Turn on closed user group

1 Press **Menu 4-8-4** (**Settings - Security settings - Closed user group**).

2 Scroll to **On**, enter the group number, then press **OK**.

Turn off closed user group

1   Press **Menu 4-8-4** (**Settings - Security settings - Closed user group**).

2   Scroll to **Off**, then press **OK**.

• KEYPAD LOCK (KEYGUARD)

You can lock the keypad to prevent the keys being accidentally pressed, for example, when your phone is in your pocket or purse.

Locking the keypad

In standby mode, press Menu and then ⌨️
within 1.5 seconds to lock the keypad.

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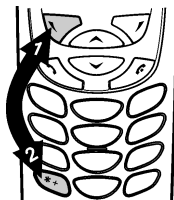
Unlocking the keypad

Press **Unlock** and then ⌨️ within 1.5 seconds to unlock the keypad.

When the keyguard is on

To answer a call, press 📞. During a call, the phone can be operated normally. When you end or reject the call, the keypad will automatically be locked.

> **Note:** When Keyguard is on, calls may be possible to the emergency number programmed into your phone (e.g. 911 or other emergency number). Key in the emergency number and press 📞. The number is displayed only after you have keyed in its last digit.

Reference information

This section provides information about the phone's batteries, accessories, chargers, safety guidelines and technical information. Be aware that the information in this section is subject to change as the batteries, chargers, and accessories change.

• BATTERIES AND CHARGERS

Your phone is powered by a rechargeable battery.

Note that a new battery's full performance may be 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.

This phone is intended for use when supplied with power from the Nokia ACP-7U, ACP-8U or ACP-12U charger.

> ⚠ **Warning:** When you purchase batteries, chargers, and accessories for your phone, use only batteries, chargers, and accessories that have received approval from the phone's manufacturer. The use of any other type of phone-related hardware will invalidate any approval or warranty applying to the phone, and could also be dangerous. For availability of approved batteries, chargers, and accessories, check with your dealer.

- When the battery is charged, the indicator will stop scrolling.

- When you are not using a charger, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging could shorten its life span. If left unused, a fully charged battery will discharge itself over time.

Temperature extremes can affect the ability of your battery to charge; allow it to cool down or warm up first.

When the battery is running out of power and your phone only has a few minutes of talk time remaining, a warning tone sounds and the **Battery low** message appears briefly. When no more talk time is left, a warning tone sounds and the phone switches off.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object, like a coin, a clip, or a pen causes a direct connection of the + and - terminals of the battery, which are metal strips on the end of the battery.

An example of short-circuiting could occur if you carry a spare battery in your pocket or purse, where the battery could come into contact with such objects as a coin. Short-circuiting could damage either the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in either summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15° C and 25° C (59° F and 77° F).

A phone with a hot or cold battery might not work temporarily, even if the battery is fully charged. The performance of Li-Ion batteries is particularly limited in temperatures below 0° C (32° F).

The following list provides guidelines that you can follow:

- When the operating time (talk time and standby time) is noticeably shorter than normal, buy a new battery.

- Use the battery only for its intended purpose.

- Never use any charger or battery that is damaged and/or worn out.

- Batteries must be recycled or disposed of properly. Do not dispose of batteries by putting them in fire!

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

• IMPORTANT SAFETY INFORMATION

Traffic safety

Do not use a hand-held telephone while driving a vehicle. If you are using a hand-held phone, park the vehicle before conversing. Always secure the phone in its holder and do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop.

Operating environment

Remember to follow any special regulations and always switch off your phone wherever forbidden, or when it may cause interference or danger.

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

As with other mobile radio transmitting equipment, users are advised to operate this equipment only in the normal operating position (held to your ear).

Pacemakers

Pacemaker manufacturers recommend a distance of 20 cm (6 inches) be maintained between a hand-held wireless phone and a pacemaker to avoid interference with the pacemaker. These recommendations are consistent with independent research and recommendations of Wireless Technology Research.

PERSONS WITH A PACEMAKER:

- Should always keep the phone more than 20 cm (6 inches) from their pacemaker when the phone is switched on.

- Should not carry the phone in a breast pocket.

- Should use the ear opposite the pacemaker to minimize the potential for interference.

- Should switch off the phone immediately if there is any reason to suspect that interference is taking place.

Hearing aids

Some digital wireless phones may interfere with hearing aids. In the event of such interference, consult your wireless 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 it is adequately shielded from external RF energy, or if you have any questions.

Switch off your phone in health care facilities when regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to RF energy.

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 emanating from your wireless phone.

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 regarding 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/ storage facilities, vehicles using liquefied 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 be advised to turn off your vehicle engine.

Vehicles

Only qualified personnel should install or service the phone in a vehicle. Faulty installation or service may be dangerous and invalidate the warranty.

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (for example, electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems or 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.

Ensure all wireless phone equipment in your vehicle is mounted and operating properly.

Do not carry or store flammable liquids, gases or explosive materials in the same compartment as the phone or its accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place any objects 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.

Aircraft

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

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

Emergency calls

⟳ **Important:** This phone, like any wireless phone, operates using radio signals, wireless, and landline networks as well as user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore you should never rely solely upon any wireless phone for essential communications (for example, medical emergencies).

MAKING AN EMERGENCY CALL

➡ **Note:** Some networks may require that a valid SIM card be properly inserted in the phone. Official emergency numbers vary by location (for example, 911 or other official emergency number).

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

2 Press ⟋𝑐⟍ as many times as needed (for example, to exit a call, to exit a menu, etc.) to clear the display and ready the phone for calls.

3 Enter the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.

4 Press ✎.

If certain features are in use, you may first need to turn those features off before you can make an emergency call. Consult this user guide and your local cellular service provider. When making an emergency call, remember to provide all information as accurately and clearly 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.

• CERTIFICATION INFORMATION (SAR)

THIS MODEL 6310i PHONE MEETS GOVERNMENT 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) energy set by Industry Canada. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that 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 set by the Industry Canada is 1.6 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.

Before a phone model is available for sale to the public, compliance with the Canadian Standard must be shown. The highest SAR value for this model phone when tested for use at the ear is 0.72 W/Kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for RF exposure.

* The SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of body tissue. The standard incorporates 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**.

• CARE AND MAINTENANCE

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

- 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 and 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. Unauthorized 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 are not working properly, take them to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

• ACCESSORIES

If you want to enhance your phone's functionality, an extensive range of accessories is available for you. You can select any of these items to help accommodate your specific communication needs. For availability of these and other accessories, contact your service provider.

A few practical rules for accessory operation:

- Keep all accessories out of reach of small children.

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

- Check regularly that any vehicle-installed accessories are mounted and are operating properly.

- Installation of any complex car accessories must be made by qualified personnel only.

- Use only batteries, chargers, and accessories that have been 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.

Note: For availability of approved accessories, please check with your authorized Nokia dealer.

• BATTERIES

Standby and talk times

The times shown in the following table are estimates only and represent a range for either standby or talk times (not a combination of both). The operation time of the battery depends on conditions such as:

- Transmitting power level

- Signal (distance between the phone and the base station)

- Network parameters defined by the operator

- Phone use (WAP, games, SMS, Bluetooth)
- Charging procedure used

This section provides information about the phone's chargers and accessories. Be aware that the information in this section is subject to change as the chargers and accessories change.

The chargers and accessories that are described in this section are available for your phone. Contact your dealer for details on the entire line of Nokia Original Accessories available for your phone.

Several rechargeable batteries are available for use in your phone. The battery model number is on the battery label, and is visible when the battery is removed from the phone.

Battery Notes

Use the following guidelines to obtain the best performance from your battery:

- With your phone turned off, charge your new battery for three hours before its first use. Use the battery until it is fully discharged. Repeat this procedure twice for a total of three charging cycles.

- Battery operation time may be less than the estimated times during the first charges. This condition is normal.

- When the battery is fully discharged, the scrolling bars may not appear immediately.

- After the first charge, you can make and receive calls during the charging cycle, but the calls interrupt the charge. When the phone call ends, the charge will resume.

- The bars on the screen stop scrolling and remain constant when the phone is charged. If you leave the phone connected to the charger, the battery receives an additional charge.

Note: Dispose of used batteries in accordance with local regulations.

Battery Charging Times

Battery Option	ACP-12U Charger	ACP-8U Charger
BPS-2 Ultra Slim Li-Polymer 1100 mAh	2 hrs	2.5 hrs
BLS-2N Extended Li-Ion 1050 mAh	2.5 hrs	3 hrs
BLS-4 Ultra Extended Li-Ion 1500 mAh	4 hrs	5 hrs

Standby and Talk Times

Battery Option	Talk Time	Standby Time
BPS-2 Ultra Slim Li-Polymer 1100 mAh	Up to 3 to 5 hours	Up to 7 to 14 days
BLS-2N Extended Li-Ion 1050 mAh	Up to 2 to 4.5 hours	Up to 6 to 13 days
BLS-4 Ultra Extended Li-Ion 1500 mAh	Up to 4 to 7 hours	Up to 10 to 17 days

Note: Battery talk and standby times are estimates only and depend on signal strength, network conditions, features used, battery age and condition (including the effect of charging habits), temperatures to which battery is exposed, use in digital mode, and many other factors. Please note that the amount of time a phone is used for calls will affect its standby time. Likewise, the amount of time that the phone is turned on and in standby mode will affect its talk time.

Rapid Travel Charger (ACP-12U)

This lightweight AC charger can be used with all battery options. To use the charger, plug it into a standard 120V AC wall outlet, and connect the lead from the charger to the base of your phone. Calls can be made during charging, even with a fully discharged battery. The charger can also be used together with the optional Compact Desktop Charging Stand (DCH-8).

Rapid Cigarette Lighter Charger (LCH-9)

You can charge your phone's battery from your vehicle battery by using the Rapid Cigarette Lighter Charger (LCH-9).

Calls are possible during charging. A green light indicates the charger is ready for charging (when not charging) or finished charging (if it has been charging).

The input voltage range is from 11 to 32V DC, negative grounding. Avoid prolonged charging with the Rapid Cigarette Lighter Charger (LCH-9) when the car engine is not running; this may cause the battery of your car to drain. In some cars the cigarette lighter plug is not provided with electricity if the ignition is not switched on.

Compact Desktop Charging Stand (DCH-8)

Compact and stylish, this stand provides a convenient spot in which to charge the phone.

Compatible with:
Rapid Travel Charger (ACP-8U)
Rapid Travel Charger (ACP-12U)

Also available:
Connectivity Deskstand (DCH-8D)
Handsfree Desktop Charging Stand (DCH-12K)

Complete Car Kit (CARK-91)

Provides handsfree use and connection to an external antenna.

Mobile Holder (MBC-1)

Holds phone securely in place while driving or during charging. Can be used with Rapid Cigarette Lighter Charger (LCH-9).

Leather Carry Case (CSL-17)

This luxurious leather case protects your phone while it is not in use. The case has a convenient, integrated belt clip that attaches to a belt, purse strap, etc.

Data Cable (DLR-3P)

For e-mail, faxes, Internet and data transmissions. Easy and convenient connection with no modem or PC card needed.

Compatible with:
Connectivity Deskstand (DCH-8D)

Headset Kit (HDC-9P)

The headset provides handsfree operation and has an answer/end button located on the microphone. It connects directly to the phone, requiring no additional adapter.

Bluetooth Car Kit (CARK-112)

The Nokia Wireless Car Kit is a prime choice for handsfree functionality in your car. No phone cradle or holder is necessary - your phone can be kept wherever you normally carry it while in your car. One small button activates voice dialing, answers and ends phone calls, and adjusts volume.

• TROUBLESHOOTING

The following table lists some common problems and their solutions.

Problem	Possible cause	Possible solution
My phone is not charging	The charger and phone are not properly connected	Securely connect the charger to the phone
	The charger is not properly plugged into the wall	Ensure the charger is plugged in correctly
My phone is not making/ receiving calls	The battery is not charged	Charge the battery
	The signal strength is poor	If you are indoors, move toward a window
I cannot listen to my voice messages	You do not have voicemail service	Call your wireless provider
	You have not setup your voicemail service with your wireless provider	Call your wireless provider
	You have not saved your voicemail number to your phone	See "Message center number" on page 35
	You have forgotten your password or are entering it incorrectly	Call your wireless provider
	The voicemail number you have saved to your phone is incorrect	Call your wireless provider
When I insert my SIM card into another phone, it is rejected.	The carrier settings in the phone may not support the SIM you placed in the phone. The phone and SIM may not be compatible with each other.	Contact your service provider to ensure that the phone and SIM you are using are supported
	SIM door cover is not closed.	Close SIM door over SIM card

• FREQUENTLY ASKED QUESTIONS

Q. What if my phone is lost or stolen?

A. Contact your wireless provider immediately.

Q. Does the phone have to be on in order for me to receive a call?

A. Yes.

Q. What is my security code?

A. Your default security code is **12345**. If you have changed your security code and forgotten the new code, contact your wireless provider.

Q. How do I lock the keypad?

A. Press **Menu** and then ✳.

Q. How do I unlock the keypad?

A. Press **Unlock** and then ✳.

Q. How do I keep track of my calls?

A. Use the call log feature (see "Call log" on page 48).

Q. How do I turn off the ringer when I am in a meeting or do not want to be disturbed?

A. Briefly press the power key, scroll to **Silent**, and press **OK**.

Q. How do I make the phone ring louder?

A. See "Profiles" on page 50 for instructions.

Q. How do I change the ringing tone?

A. See "Profiles" on page 50 for instructions.

Q. How do I download a custom ringing tone?

A. You can download tones using SMS. Call your wireless provider for more information.

Q. Where is my phone's model number and serial number?

A. On the information label, which is on back of the phone under the battery. The model number of this phone is 6310i. (See "Before you contact Nokia" on page 6.)

Glossary

Term	Definition
antenna	The portion of your phone designed to transmit and receive the wireless signal.
antenna jack	The connector used to attach an external antenna to your mobile phone (typically used by the Handsfree kit).
battery	The source of power for your phone when its not connected to the charger.
bookmark	An Internet site or address (URL) that is saved to your phone's memory. A bookmark stores the address of your favorite Internet sites and recalls them from memory so you can return to the location quickly and easily.
browser	An application used to access Internet sites or information on a network (such as the World Wide Web).
data call	A call that is placed or received where your phone functions as a data/fax modem, connected to your PC via the DLR-3P data cable Bluetooth or Infrared port.
earpiece	The portion of your phone that contains the audio speaker.
earpiece volume	The audible level of the earpiece in an active call.
ECML	Electronic Commerce Modeling Language. A universal format for online checkout form data fields.
email	Electronic mail. A message sent electronically.

Term	Definition
fax call	A call placed or received where phone functions as a data/fax modem, connected to your PC via the DLR-3P cable or Infrared (IR).
home system	The wireless system on which you are a subscriber.
IMEI	International Mobile Equipment Identifier. Used by wireless providers to identify your phone on the wireless network.
Internet	An electronic communications network that connects computer networks and organizational computer facilities around the world.
IrDA	Infrared Data Association. IrDA is a non-profit trade association with a membership that ensures interoperability between devices of all types.
keypad tones	The sounds you hear when a key on your phone's keypad is pressed.
message alert tone	The sounds you hear upon receipt of a text or system message by your phone.
navigate	To move from one internet site to another, or from one phone menu to another.
number keys	The numbered keys on your phone's keypad.
power key	The button on the top of the phone that allows you to turn the phone on or off. It can also be used to recall and switch between profiles.
predictive text input	A system developed for the rapid entry of text.

Term	Definition
ringing option	The way your phone plays (or does not play) the selected ringing tone when you have an incoming call. For example, ascending, descending.
ringing tone	The tone that your phone plays (or does not play) when you have an incoming call. The Nokia 6310i phone has 35 preloaded ringing tones.
ringing volume	The audible level of your phone's ringing tones.
roaming	The state of your phone when you are no longer in your wireless provider's network, often resulting in additional charges.
screen or display	Your phone's display.
scroll	To move through a list of names, menu items, and so on; by pressing the scroll (up/down) key. Each new selection or option is highlighted as it is selected.
selection keys	The keys under the lower left and right corners of your phone's display. These keys are defined by the text above them, inside the display.
SIM	Subscriber Identity Module.
SMS	Short Message Service. A service whereby short messages (typically around 160 characters) can be sent and received via your phone.
URL	Universal Resource Locator. A specific address or location on the internet such as **www.nokia.ca**

Term	Definition
voice mail	A system maintained by your wireless provider, used to record voice messages, when you are unable to answer a call.
voice mailbox	The repository on your wireless provider's network for all voice mail messages.
voice memo	An audio recorder which can be used to record short voice notes.
warning tones	The collection of tones or melodies that are played when your phone alerts you to a variety of situations.
WAP	Wireless Application Protocol. WAP is a new part of the internet designed specifically for mobile device users.
wireless network	Your wireless provider's operating environment, comprised of various types of hardware, software, and landline connections.
World Wide Web (WWW)	A part of the internet designed to allow easier navigation through the use of graphical user interfaces and hypertext links between different addresses - also called Web.

Technical information

Weight	110 grams (3.9 ounces) with BPS-2 1100 mAh Li-polymer Battery
Wireless networks	GSM 900, 1800 and1900 networks
Size (volume)	5.92 cubic inches (98 cc)
Frequency range (Tx)	GSM 900: 880 - 915 Mhz GSM 1800: 1710 - 1785 Mhz GSM1900: 1850 - 1910 Mhz
Frequency range (Rx)	GSM 900: 925 - 960 Mhz GSM1800: 1805 - 1865 Mhz GSM1900: 1930 - 1990 Mhz
Tx output power	2 W (Max) on 900 Mhz band 1 W (Max) on 1800/1900 Mhz bands
Battery voltage	3.6 v DC
Number of channels	299
Memory locations	Up to 500 in phone memory

Nokia One-Year Limited Warranty

Nokia warrants that the Nokia wireless phone and accessories are free from defects in material and workmanship. The warranty period for the Phone (Radio) units and all accessories (excluding carry cases) is twelve (12) months from the date of purchase OR fourteen (14) months from date of wholesale shipment from Nokia, OR fifteen (15) months from the date of manufacture by Nokia. The warranty period for the Carry cases is three (3) months from the date of purchase or five (5) months from the date of wholesale shipment from Nokia.

During the warranty period, Nokia will, at its option, repair or replace the defective product free of charge. Replacement Product may be either new or remanufactured or refurbished.

However, if Nokia determines that the warranty conditions cannot be applied, the purchaser will be billed for the repair and shipping.

EXCEPTIONS

This warranty is subject to the following exceptions:

1. Mobile or fixed installation, which is not in accordance with the installation instructions, published by Nokia, will void the warranty. Damage caused by a repair or an attempt to repair by other than a service centre authorized by Nokia will void the warranty;

2. This warranty covers normal consumer use and does not cover defects or damage to any product which, in the sole opinion of Nokia, has been subject to: improper storage, exposure to moisture or dampness, exposure to fire, sand, dirt, windstorm, lightning, or earthquake; to theft, battery leakage, unauthorized modification, misuse, neglect, abuse, misapplication, accident, alteration, improper installation, maladjustment of consumer controls, or abnormal operating conditions, or which has been attributable to acts of God;

3. Fuses are not covered by the warranty;

4. This warranty does not cover defects or damages caused by a product which is not approved by Nokia to be connected to its wireless phone;

5. This warranty does not cover defects or damages caused by improper or defective function of the carrier system or by inadequate signal reception by the antenna;

6. Removal and reinstallation costs are not covered by this warranty;

7. This warranty is applicable <u>only</u> to products bought through Nokia Products Ltd. in Ajax, Ontario, Canada, and sold either in Canada or Bermuda.

8. Removal, alteration, or defacing of the Serial Number Plate, or the accessory Date Code Labels will void the warranty.

In no event shall Nokia be liable for incidental, special, or consequential damages, direct or indirect, loss of unanticipated benefits or profits, loss of use of its wireless telephone, resulting from the use of its wireless phone, or its accessories, or arising from any breach of this warranty.

CLAIM PROCEDURE

In order to obtain warranty performance, return the defective unit to the Nokia Service Centre with transportation charges prepaid (Shipping of the repaired unit may be paid by Nokia, in which case Nokia shall have risk of loss or damage during this shipment).

The proof of date of purchase will be required before in-warranty service is rendered.

Maintenance and service may be obtained in any authorized service centre in Canada.

EXTENSION OF WARRANTY PERIOD

When a repair is made, an extra 90-day service warranty is given to the labour and parts of the repair concerned. If replacement of a faulty unit is applied, instead of repairing, this 90-day service warranty is applied to the replaced unit.

Besides this 90-day service warranty, the warranty repairs or replacements do not affect the original warranty conditions, which are determined by the date of purchase.

THE FOREGOING WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE.

Some provinces do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

FOR WARRANTY SERVICE LOCATIONS, CONTACT YOUR SERVICE PROVIDER/ RETAILER/DEALER OR DIRECTLY TO:

NOKIA PRODUCTS LIMITED
601 Westney Road South
Ajax, Ontario L1S 4N7
Tel: 905-427-1373
     1-888-226-6542
Website: www.nokia.ca

For products being returned to Nokia or its authorized service centres, the service provider/retailer/dealer shall prepay shipping charges, taxes, duties, insurance. Nokia shall have no risk for loss or damage during this shipment.

NOTE: As warranty is automatically registered, no further action is required by the consumer.

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