

# NOKIA 8265



## User Guide

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**NOKIA**  
CONNECTING PEOPLE

# Nokia 8265

## User Guide

### Phone Notes

	Notes	Where to get information
My number		Wireless service provider
Voice mail number		
Wireless service provider's customer care		
Model number	Nokia 8265	Type label. Located under the battery inside the phone's back cover.
Phone type	NPW-3	
ESN (Electronic serial number)		

The wireless phone described in this guide is approved for use in TDMA and AMPS networks.

## **LEGAL INFORMATION**

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The information contained in this user guide was written for Nokia 8265 phone. Nokia operates a policy of continuous development. Nokia reserves the right to make changes and improvements to any of the products described in this document without prior notice.

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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.

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# 1 Safety first

Read these simple guidelines before you use your phone. Failure to comply with these guidelines may be dangerous or illegal. For more detailed safety information, see "Important safety information" on page 104.

Following are important safety precautions for phone use.



## Switch off phone where prohibited

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



## Road safety comes first

Do not use a handheld phone while driving.



## Be aware of interference

All wireless phones may get interference that could affect performance.



## Switch off in hospitals

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



## Switch off in aircraft

Wireless devices can cause interference in aircraft.



## Switch off when refueling

Do not use your wireless phone at a refueling point. Do not use it near fuel or chemicals.





## Switch off near blasting

Do not use your wireless phone where blasting is in progress. Observe restrictions and follow any regulations or rules.





## Keep out of water

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



## Make emergency calls

Make sure your wireless phone is switched on and in service. Press  at any time to clear the screen. Enter the emergency number. Press . Give your location. Do not end the call until told to do so.



## Use your phone sensibly

Use your wireless phone only in the normal position (next to the ear). Do not touch the antenna unnecessarily.



## Use only qualified service personnel

Only qualified personnel may install or repair phone equipment.






## Use approved accessories and batteries

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



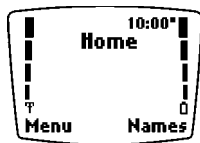
## Make phone calls

Make sure your wireless phone is switched on and in service. Enter the phone number, including the area code, and press . To end a call, press . To answer a call, press .

## 2 Welcome

2

Congratulations on your purchase of a Nokia 8265 mobile phone, a new tool for the mobile information society.






### • GET THE MOST OUT OF THIS GUIDE

The tips that follow can help you get peak performance from this guide as you learn to use your phone.

#### Understand the terms

This guide provides instructions for certain actions.

- **Press** means to briefly press and release a key. For example, *press*  means press the zero key for 1 second and release.
- **Press and hold** means to press and hold a key for 1 to 3 seconds (depending on the feature being used), then release the key.
- **Press Menu** means to press the selection key,  located below the word **Menu** on the phone's screen.
- **Highlighted** means that an option on the screen is enclosed in a black box. When an option is highlighted, it can be activated by pressing .



#### Follow graphic clues

This guide uses the following icons to alert you to important information.



**Tip:** Provides information about a quick way or an alternate method for performing an action.



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



**Important:** Alerts you to information critical to using a feature correctly.



**Caution:** Warns you when you may lose information.



**Warning:** Helps you avoid personal injury, damage to the phone, or property damage.

## Look for updates

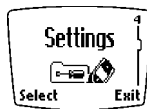
From time to time, Nokia may update this user guide to reflect changes or corrections. The latest version may be available at the Nokia site on the internet at [www.nokia.com](http://www.nokia.com).

An interactive user guide that provides step-by-step instructions for any of your phone features is available at [www.nokiahowto.com](http://www.nokiahowto.com).

## • UNDERSTAND WIRELESS NETWORK SERVICES

A wireless network service provides the connections which activate special features on your mobile phone such as:

- Voice mail and voice privacy
- Call waiting, call forwarding and caller ID
- Text messages
- Ability to send your own number



## Sign up with a service provider

Before you can use any network services, you must sign up with a wireless service provider. Your service provider will supply descriptions of special features and instructions for using their services.



**Note:** Before you sign up with a provider, make sure they offer the services and features you want. For example, some networks may not support all language-dependent characters.

## • FIND INFORMATION ABOUT YOUR PHONE

2

When you call Nokia Customer Service or your service provider, you will need to provide specific information about your phone. This information is recorded on the phone's *type label*. The type label is located under the battery inside the phone's back cover. It contains the model and serial numbers as well as other important information about your phone. *Please do not remove or deface the label.*

### Contact Nokia

If you have a question and have already checked the Troubleshooting section (see page 125), we recommend that you have the following information available before contacting the Nokia Customer Service department or the service provider:

- Your phone's model number: 8265
- ESN (Electronic serial number – located on the label under the battery)
- Your billing address ZIP code
- The phone or accessory in question

Nokia Customer Care Center, USA	Customer Interaction Centre, Canada
Nokia Mobile Phones 7725 Woodland Center Blvd. Suite #150 Tampa, Florida 33614  Tel: 1-888-NOKIA-2U (1-888-665-4228) Fax: 1-813-249-9619	Nokia Products Ltd. 601 Westney Road South Ajax, Ontario L1S 4N7  Tel: 1-888-22-NOKIA (1-888-226-6542) Fax: 1-905-427-1070

## Contact your service provider


You may want to save your service provider's customer support telephone number into your phone. This will let you easily contact your provider if you have questions or issues with your phone service.

## • LEARN ABOUT ACCESSIBILITY SOLUTIONS

Nokia is committed to making mobile phones easy to use for all individuals, including those with disabilities. Nokia maintains an internet site that is dedicated to accessibility solutions. For more information about phone features, accessories and other Nokia products designed with your needs in mind, visit the web site at [www.nokiaaccessibility.com](http://www.nokiaaccessibility.com).

### Accessibility features

The Nokia 8265 has many accessible features, including:

- Nibs on the  key for quick reference to the keypad
- Tactile feedback when you press a key
- Ability to send and receive short text and e-mail messages
- Convenience of 1-touch dialing
- Vibrating alert for incoming calls and messages
- Customizable ring tones and display graphics for caller groups

### LPS-3 Mobile Loopset

The LPS-3 Loopset is a Nokia accessory designed to make the 8200 series phone more accessible to hearing-aid users. The loopset gives hearing-impaired users clear access to digital telephony for the first time. It allows people with T-coil equipped hearing aids to make and receive calls without noise interference.



Note: The Loopset is sold as an accessory to the phone.

## HOW THE LOOPSET WORKS

The LPS-3 Loopset uses inductive technology to transmit sound to a hearing aid equipped with a T-coil. The sound from the phone is amplified more efficiently and background noise is eliminated.

The loopset is easy to use. You wear the loopset around your neck, connect it to your phone, and speak directly toward the microphone. For detailed instructions on using the loopset, refer to the booklet that comes with the LPS-3.



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### Alternate user guide formats:

To request a user guide in one of the following alternate formats, call Nokia Customer Care:

- Braille
- Large print
- Audiocassette
- E-text (3.5-inch disk in Microsoft Word or WordPerfect)

Nokia Customer Care Center, USA	TTY/TDD Users Only
Tel: 1-888-NOKIA-2U (1-888-665-4228) Fax: 1-813-249-9619	Tel: 1-800-24-NOKIA (1-888-246-6542)

### Register Your Phone

Make sure to register your phone at [www.warranty.nokiausa.com](http://www.warranty.nokiausa.com) or 1-888-NOKIA-2U (1-888-665-4228). This allows us to serve your needs better if you should need to call the center or have your phone repaired.

### E-Newsletters

When you register your phone, you can sign up for Nokia's e-newsletter *Nokia Connections*. You will receive tips and tricks on using your phone, accessory information and special offers.

## 3 Phone setup

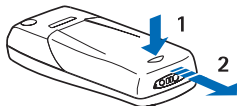
3

### • INSTALL THE BATTERY

Before you can use your phone, you must install and charge the battery.

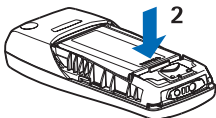
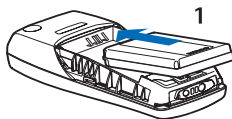
#### Remove the back cover

- 1 Press the tab at the bottom of the phone's back cover.
- 2 Slide the cover down and lift it off.



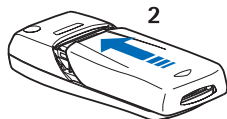
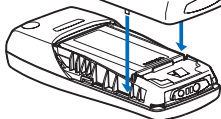
#### Insert the battery

- 1 Place the top of the battery on the phone with the gold contacts toward the top of the phone.
- 2 Press down on the bottom of the battery until it is securely in place.



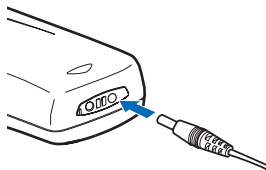
#### Replace the back cover

- 1 Place the back cover on top of the battery.
- 2 Slide the cover up until it clicks into place.



## • CHARGE THE BATTERY

Charge the new battery for three hours before using the phone. Use the phone until the battery is fully discharged. You should do this for a total of three charging cycles.



- 1 With your phone turned off, connect the lead from the charger to the bottom of the phone.
- 2 Connect the charger to an AC wall outlet.

If the phone is turned on, the messages, **Charger connected** and **Charging** appear. The battery power indicator bar starts to scroll up and down (see “Indicators” on page 16). If the battery is completely discharged, it will take a few minutes before the charging indicator appears on the screen.

- 3 The battery is charged when the battery indicator bar stops scrolling. Disconnect the charger from the AC outlet and the phone.



**Note:** If your service provider has activated your service, you can use the phone while the battery is charging; however, if the phone becomes too warm while you're making a call, it automatically drops the current call and returns to the Start screen. You will not be able to make or receive calls until the phone cools.

### When the charger is not in use

When the charger is not in use, disconnect it from the power source.

Do not leave the battery connected to the charger for longer than a week. Overcharging the battery could shorten its lifespan. If a fully charged battery is not used, it will discharge itself over time.



# 4 Phone basics

This section gives a brief introduction to the phone and shows quick steps for making, answering, and managing your calls. The rest of this guide provides complete details on phone use.

4

## • YOUR NOKIA 8265 PHONE



## • ABOUT THE ANTENNA

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 call optimizes the antenna performance and the talk time of your phone.



### Check signal strength


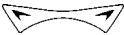






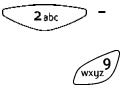
Your wireless phone operates on radio signals. The quality of calls on your phone depends on the strength of the radio signal coverage in your area. This radio signal coverage is maintained by a wireless network.






When you are at the phone's Start screen or on a call, the strength of the radio signal is indicated by the signal indicator on the left side of your phone's screen. This indicator moves up as the strength of the signal increases and down as it decreases.

Increasing your phone's signal reception may be relatively easy. Try moving your phone slightly or move toward a window if you're calling from inside a building.

## • LEARN THE KEYS


4

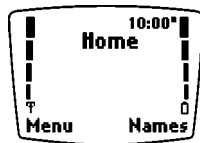
Key	What it does
	<p><b>Power:</b> Press and hold this key to switch the phone on or off. Also, briefly press this key to display a list of profiles. For more information, see “Profiles” on page 53.</p>
	<p><b>Selection:</b> Your phone has one selection key with a right and a left arrow. Press left or right to choose the option shown by the word above the key. This guide refers to these arrows as if they were two separate keys: (  and  ).</p>
	<p><b>Talk:</b> Press this key to make a call to the name or number shown on the screen or to answer a call. When this key is pressed, the first of ten names or numbers you’ve most recently dialed appears. Scroll through the list. Press this key again to call a name or number shown on the list.</p>
	<p><b>End:</b> Press this key to end a call or silence the ring from an incoming call. Also, press this key to return to the Start screen from any location.</p>
	<p><b>0 Key:</b> Press this key to enter the number 0 when entering numbers or to insert a blank space when entering text.</p>
	<p><b>1 Key:</b> Use this key to enter the number 1. You also can press and hold this key to call your voice mailbox.</p>
	<p><b>Numbers and Letters:</b> Use keys 0 through 9 to enter numbers. Use keys 2 through 9 to enter letters.</p> <p>You also can program keys 2 through 8 to be 1-touch dial numbers.</p>

Key	What it does
	<p>When entering text:</p> <p>Press and hold this key to enter special characters such as punctuation marks.</p> <p>While using predictive text input, you can press this key to scroll through matching words if the underlined word is not the word you want to enter. For more information, see "Text message input" on page 77.</p>
	<p>When entering text:</p> <p>Press this key repeatedly to change from standard text input, uppercase (capital letters) to lowercase (small letters) to predictive text input, uppercase and lowercase.</p> <p>Press and hold this key to change to the number input mode.</p>
	<p><b>Scroll keys:</b> Press this key to scroll up or down through a list of options or your phone directory.</p> <p>Your phone has a single scroll key with an up and a down arrow. This guide refers to those arrows as if they were two separate keys:  and .</p>

## Start screen

When you turn on your phone, a Nokia welcome and the Start screen appears. The Start screen is the "home base" for your phone.

Press  to return to the Start screen from any other screen.




## • NAVIGATION KEYS




4

### Selection keys

The selection key allows you to select various phone options.

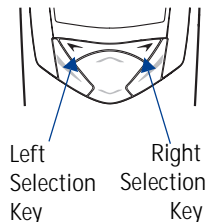
At the bottom of the Start screen, two options appear: **Menu** and **Names**. The selection key  is located just below these options.

The left portion of the selection key is located under **Menu**. The right portion of the selection key is located under **Names**.

 **Note:** While your phone has a single selection key, for simplicity, this guide refers to them as if they were two separate keys:  and .

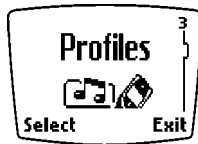
When you press the left selection key at the Start screen, the word **Messages** appears. The text above the left selection key changes to **Select** and the text above the right selection key changes to **Exit**.

When you press the right selection key at the Start screen, options for the **Names** feature appear. The text above the left selection key changes to **Select** and the text above the right selection key changes to **Exit**.



### Scroll bar

When you press **Menu**, a vertical scroll bar appears on the right side of the screen. This scroll bar has a tab which moves up or down to indicate your location in the menu.



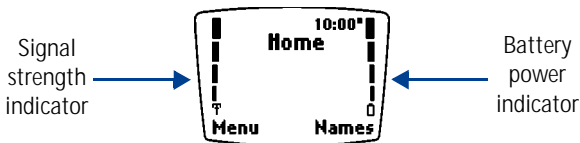
## • INDICATORS AND ICONS

You have two types of identifiers on your phone: icons and indicators.

**Indicators** show the status of something. The phone uses three types of indicators: signal strength, battery power and handset volume.

**Icons** are graphical representations of a specific item or situation. For example, an icon appears when you have a voice message in your mailbox.
















## Indicators



- 1 **Signal strength** – shows the signal strength of the wireless network at your current location. The higher the bar, the stronger the signal.
- 2 **Battery power** – shows the battery charge level. The higher the bar, the more power in the battery.
- 3 **Handset volume** – shows the earpiece volume level during a call. This indicator appears only when you press the volume key.












## Icons

Screen Icon	What it means
	Active call in progress.
	Silent has been selected as the current profile.
	The phone's keypad is locked to prevent any accidental key presses.
	One (or more) new voice messages waiting.
	One or more new text messages waiting. (If blinking, the text message memory is full.)

Screen Icon	What it means
	Digital service is available.
	Standard text input mode for entering alpha characters. Press  to switch between uppercase and lowercase input.
	Predictive text mode for quickly entering text messages. Press  to switch between uppercase and lowercase input. For more information, see "Predictive text input" on page 78.
	123 mode. This icon appears when you press and hold  while entering text. You can now enter only numbers (not alpha characters). Press and hold  again to return to text entry mode.
	Special character mode. This appears when you press  while storing names. Once the characters appear, you can select a special character by selecting <b>Insert</b> .
	Alarm clock is set.
	Activity reminder. (Calendar display only.)
	Birthday reminder. (Calendar display only.)
	Call reminder. (Calendar display only.)
	Meeting reminder. (Calendar display only.)

## 5 Making and answering calls

5

How Do You	Action
Make a call	Enter the phone number and press  . Raise the phone and hold the earpiece over your ear and the microphone near your mouth.
End a call	Press  to end the call or cancel the call attempt.
Answer a call	<p>If the keypad is unlocked: When your phone rings, press any key to answer or press .</p> <p>If the keypad is locked: Until you unlock the keypad, you can only answer the call by pressing .</p> <p> <b>Tip:</b> Press  or  to mute the ringing of an incoming call.</p>
Redial last dialed number	<p>Press  two times.</p> <p>If the number is not there, press  to return to the Start screen.</p>
Redial any one of the last 10 dialed numbers	<ol style="list-style-type: none"><li>1 Press  to display the first number.</li><li>2 Scroll to the number you want to redial.</li><li>3 Press  again to dial the number.</li></ol>

### Adjust the earpiece volume

You can adjust the earpiece volume during a call, or at any time, by pressing the volume key located on the upper left side of the phone.

- Press the top portion of the key to increase the volume.
- Press the bottom portion of the key to decrease the volume.



## Use caller ID

When *Caller ID* is active, your phone shows the caller's phone number during an incoming call.



**Note:** Caller ID is a network dependent feature. Contact your service provider for more information on this feature.

The wireless network lets you know if it doesn't recognize the calling number. The wireless network will also let you know if the calling party has blocked the Caller ID feature.

If you have stored the name and number of the calling party in your phone book and that number is supported by the wireless network, the caller's name might also appear.

## Keep calls private

The voice privacy feature encrypts the voice channel so that people cannot eavesdrop on your phone conversations.



**Note:** Voice privacy is a network dependent feature. Contact your service provider for more information on this feature.

### TURN ON VOICE PRIVACY:

- 1 Press **Menu 4-6-1** (**Menu > Settings > Network services > Voice privacy**).
- 2 Scroll to **On** and press **OK**.

During a call, voice privacy becomes active and notifies you with a beep. The message **Voice privacy active** also appears on the screen.

### TURN OFF VOICE PRIVACY:

- 1 Press **Menu 4-6-1** (**Menu > Settings > Network services > Voice privacy**).
- 2 Scroll to **Off** and press **OK**.



**Note:** If you turn this feature on and voice privacy becomes inactive for any reason, your phone beeps and displays the message **Voice privacy not active**.

# 6 Phone menus





## • NAVIGATE MENUS

Your phone has 8 main *menus*. Each main menu contains various submenus that allow you to customize various features of your phone and phone book. You can get to these menus and submenus by *scrolling* or by using *shortcuts*.



**Note:** Most of the submenu items in your phone contain brief help texts. To view them, scroll to the item and wait approximately 10 seconds.


### Scroll through menus

- 1 From the **Start** screen, press **Menu**, then scroll through the menus and submenus using  or .
- 2 Press  to select the desired option and submenus.
- 3 Press  to return to the **Start** screen from any location.

### Use a shortcut

Many of the various menu and submenu options are numbered so that you can press a combination of keys to access that choice. After you select **Menu**, the numbers you press will appear in the top right corner of the screen and show your location in the menu.

For example, to quickly get to the screen to customize a ringing option, you can press **Menu** and then the number keys 3-1-2-1.

When the ringing options appear, scroll to highlight your selection and press .




**Note:** Don't pause too long between numbers. The phone remembers the last key pressed for only about 2 seconds.


## EXIT MENU LEVELS

To return to a previous menu level, press **Back** as many times as necessary.

OR

Press  or **Exit** to return to the Start screen.



**Caution:** If you press  to return to the Start screen, some menu setting changes may not be saved.

# 6

## • SHORTCUT MENUS

Your phone's menu may differ slightly from the following list, depending on the network services you have subscribed to and any accessories in use. If you have any questions, call your service provider.

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### 1 MESSAGES

---

Text messages . . . . .	1-1
Write message . . . . .	1-1-1
Write e-mail . . . . .	1-1-2
Inbox . . . . .	1-1-3
Outbox . . . . .	1-1-4
Saved . . . . .	1-1-5
Erase all . . . . .	1-1-6
Picture messages . . . . .	1-2
Voice messages . . . . .	1-3
Listen to voice messages . . . . .	1-3-1
Voice mailbox number . . . . .	1-3-2
Welcome note . . . . .	1-4

---

### 2 CALL LOG

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Missed calls . . . . .	2-1
------------------------	-----

Received calls . . . . .	2-2
Dialed calls . . . . .	2-3
Clear call lists . . . . .	2-4
All . . . . .	2-4-1
Missed . . . . .	2-4-2
Dialed . . . . .	2-4-3
Received . . . . .	2-4-4
Call timers . . . . .	2-5
Last call . . . . .	2-5-1
Dialed calls . . . . .	2-5-2
All calls . . . . .	2-5-3
Life timer . . . . .	2-5-4
Clear timers . . . . .	2-5-5

---

### 3 PROFILES

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Normal . . . . .	3-1
Select . . . . .	3-1-1
Customize . . . . .	3-1-2
Silent . . . . .	3-2
Select . . . . .	3-2-1

Customize . . . . .	3-2-2
Rename . . . . .	3-2-3
<b>Meeting . . . . .</b>	<b>3-3</b>
Select . . . . .	3-3-1
Customize . . . . .	3-3-2
Rename . . . . .	3-3-3
<b>Outdoor . . . . .</b>	<b>3-4</b>
Select . . . . .	3-4-1
Customize . . . . .	3-4-2
Rename . . . . .	3-4-3
<b>Pager . . . . .</b>	<b>3-5</b>
Select . . . . .	3-5-1
Customize . . . . .	3-5-2
Rename . . . . .	3-5-3

---

## 4 SETTINGS



<b>Alarm clock . . . . .</b>	<b>4-1</b>
Set alarm time . . . . .	4-1-1
<b>Time settings . . . . .</b>	<b>4-2</b>
Clock . . . . .	4-2-1
Auto update of date and time . . . . .	4-2-2
<b>Call settings . . . . .</b>	<b>4-3</b>
Automatic redial . . . . .	4-3-1
Calling card . . . . .	4-3-2
<b>Phone settings . . . . .</b>	<b>4-4</b>
Touch tones . . . . .	4-4-1
Restore factory settings . . . . .	4-4-2
Language . . . . .	4-4-3

<b>Security settings . . . . .</b>	<b>4-5</b>
Restrict calls . . . . .	4-5-1
Access codes . . . . .	4-5-2
<b>Network services . . . . .</b>	<b>4-6</b>
Voice privacy . . . . .	4-6-1

---

## 5 SYSTEM



Automatic . . . . .	5-1
Manual . . . . .	5-2
New search . . . . .	5-3

6

---

## 6 GAMES



<b>Snake II . . . . .</b>	<b>6-1</b>
New game . . . . .	6-1-1
<b>Space impact . . . . .</b>	<b>6-2</b>
New game . . . . .	6-2-1
<b>Pairs II . . . . .</b>	<b>6-3</b>
Time trial . . . . .	6-3-1
<b>Settings . . . . .</b>	<b>6-4</b>
Sounds . . . . .	6-4-1
Lights . . . . .	6-4-2
Shakes . . . . .	6-4-3

---

## 7 CALCULATOR




---

## 8 CALENDAR



# 7 Entering letters and numbers

There are two ways to enter letters and numbers into your phone:

- *Standard text input* for making entries in the phone book, entering calendar notes, and renaming caller groups.
- *Predictive text input* for writing text messages, picture messages, and e-mails. For more detail, see “Predictive text input” on page 78.

## • STANDARD TEXT INPUT


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### ABC mode



When you add new names to the phone book, your phone automatically switches to the ABC mode and displays the  icon.




- 1 Find the key that has the letter you want to enter.
- 2 Press it as many times as needed for the letter to appear on the screen. For example, to enter the name *Nokia*:

Press   N

Press  (to change to lower case input)



Press    o

Press   k

Press    i



Press  a

### ENTER SPACES AND PUNCTUATION

- To enter a space, press  once.
- To enter punctuation, press  repeatedly until the character you want appears.

Depending on the selected display language, the following characters may be available:

Key	Characters
1	. , ' ? ! @ - 1
2	A B C 2
3	D E F 3
4	G H I 4
5	J K L 5
6	M N O 6
7	P Q R S 7

Key	Characters
8	T U V 8
9	W X Y Z 9
0	Enters an empty space or 0.
*	Special characters and punctuation
#	Changes letter case; long press toggles between text input mode and number input mode
	Moves cursor to the left of character.
	Moves cursor to the right of character.





**Note:** Some networks may not support all language-dependent characters.


## ERASE MISTAKES

If you make a mistake, press **Clear** as needed to erase one or more characters. Press and hold **Clear** to erase the entire field of characters.


## CHANGE FROM CAPITAL (UPPERCASE) LETTERS

To switch between capital (uppercase) and lowercase letters, press .

The  **ABC** icon in the upper left corner of the screen switches to  **abc**, indicating that you can now enter lowercase letters.


To switch back to capital letters again, press .

## USE PUNCTUATION AND SPECIAL CHARACTERS






In the ABC mode, you can enter special characters by pressing and holding . The following characters are available:

. , @ ? ! : ; -  
+ # \* ( ) \ ' "  
\_ & \$ % / < > =

7

Use the scroll key to highlight the character you want to use and press **Insert**. If you are on the first character and want to access a special character that appears toward the end of the list, press  to jump to the end of the list.




**Tip:** You can use the number keys, , ,  and  to maneuver through the special character list. Press  to select the character you want to use.


## 123 mode

To enter numbers:



- 1 While in ABC mode, press and hold the corresponding number key until the number appears.

OR

Press and hold  to switch to the 123 mode.

Your phone confirms this mode by displaying the  icon in the upper left corner of the screen. Press the appropriate number keys to enter a number or string of numbers.


If you make a mistake, press **Clear** to erase that character.


- 2 To return to the  mode, press and hold  again for two seconds.

## Create Special Number Strings in 123 Mode

Your phone allows you to create special sets of numbers known as *strings* which will dial a series of digits after a “wait” or a “pause.” For example, you can program your phone to send your account number while you are banking by phone.

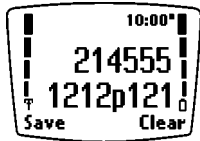



**Note:** You must be in the  **123** mode to enter these characters.

Enter the numbers as usual. When you want to insert the special characters, press  repeatedly to switch among **p**, **w**, **\*** characters.

7

- p** Creates a *pause* when a number is dialed. The numbers you enter after this special character are automatically sent as touch tones after a 2.5-second pause.



- w** Creates a *wait* when a number is dialed. This means that your phone waits for you to press  before it sends the number as touch tones.

- \*** Sends command strings to the network. Contact your service provider for details.



# 8 Phone book

## • ABOUT THE PHONE BOOK

The *phone book* can store up to 250 names, associated phone numbers and e-mail addresses. Stored names can be up to 22 characters, numbers can be up to 28 characters and e-mail addresses can each be up to 50 characters.

### PHONE BOOK ENTRIES MUST BE UNIQUE

You cannot store identical names in your phone.

For example: You can only have one entry with the name *John Jones*. You can however have a *John Jones Work* and *John Jones Home*.

If you enter a name that's already in your phone book, the message **Replace?** appears, followed by the currently stored name.

Press **Back** to end this sequence without replacing the name.

## • USE PHONE BOOK MENUS

At the Start screen, press **Names** to access the following menu choices:

Menu Choice	What it does
Search	Allows you to search for a specific name.
Add new	Allows you to add new names and numbers to your phone book.
Options	Allows you to choose the way your phone book displays names/numbers; also allows you to check the remaining spaces in the phone's memory.
1-touch dialing	Allows you to assign seven 1-touch dial locations.

Menu Choice	What it does
Caller groups	Allows you to rename or change the ringing tone for a caller group, as well as turn the group graphic on or off.
Erase all	Allows you to erase all names and numbers in the phone book. To erase only one name and number at a time, while viewing a name in the phone book press <b>Details</b> or <b>Options</b> , then scroll to <b>Erase</b> and press <b>Select</b> .



**Note:** There are no shortcuts for accessing the menus and submenus under **Names**.

## Viewing your phone book

You can view your phone book in three different ways:

- 1 *Name list.* Shows all the names that are stored in your phone book. Three names appear on the screen at a time.
- 2 *Name + number.* Shows individual names and numbers. Only one name appears on the screen at a time, with its corresponding phone number. **Name + number** is the default setting.
- 3 *Name only.* Displays individual names only, but in larger type. Press **Details** to view the corresponding phone number.

In all views, you can use the scroll keys to move up and down through the list of names.

### TO SELECT A SCROLLING VIEW

- 1 Press **Names**.
- 2 Scroll to **Options** and press **Select**.
- 3 At **Scrolling view**, press **Select**.
- 4 Scroll to the view you want and press **OK**.


## • ADD NAMES AND NUMBERS

- 1 Press **Names** and scroll to **Add new**. Press **Select**.
- 2 Using the keypad, enter the name and press **OK**.
- 3 Enter the phone number and press **OK**.

You also can also enter numbers into your phone book by using a shortcut.  
At the Start screen:

- 1 Enter a phone number and press **Save**.
- 2 Enter a name at **Name** (optional).
- 3 Press **OK**.



**Note:** The text automatically starts with uppercase/capital letters. To toggle between uppercase and lowercase letters, press .

## • CHANGE A STORED TELEPHONE NUMBER

You can change a number without changing its associated name.

- 1 Press **Names**. **Search** appears highlighted.
- 2 Press **Select**.
- 3 Enter the first few letters of the first name of the person for whom you are searching and press **OK**.



**Tip:** If you chose **Name only** or **Name list** as your scrolling view, continue to step 5. If you chose **Name + number** as your scrolling view, go to step 6.

- 4 Press **Details** to view the number.
- 5 Press **Options**.  
**Edit** appears highlighted.
- 6 Press **Select**.  
Edit the name if needed.

- 7 Press **OK**. The associated number appears.
- 8 Edit the number if needed and press **OK** to save the new number.



**Tip:** Use the scroll key to move within the digits in the number or the letters in the name. Press **Clear** to erase one character at a time or press and hold **Clear** to erase all the characters on the screen.

## • ERASE STORED NAMES AND NUMBERS



**Caution:** You cannot undo Erase functions.

- 1 Recall the stored name and its associated number.  
If you chose **Name only** as your scrolling view, go to step 2.  
If you chose **Name+number** as your scrolling view, go to step 3.
- 2 Press **Details**.
- 3 Press **Options** and scroll to **Erase**.
- 4 Press **Select**. The **Erase?** confirmation message appears.
- 5 Press **OK** to erase the name and associated number.

## • ERASE THE ENTIRE PHONE BOOK

You can erase all of the stored information in your phone book. This action cannot be reversed.



**Caution:** You cannot undo Erase functions.

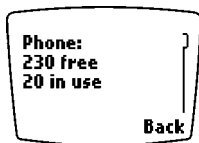
- 1 Press **Names**.
- 2 Scroll to **Erase all** and press **Select**.
- 3 The confirmation **Are you sure?** appears.
- 4 To erase the entire contents of your phone book, press **OK**.
- 5 At the **Security code** prompt, enter your five-digit security code and press **OK**.

## • CHECK MEMORY STATUS

You can check to see the status of the available memory locations in your directory.

- 1 Press **Names** and scroll to **Options**.
- 2 Press **Select**.
- 3 Scroll to **Memory status**. Press **Select**.

A message appears, **Phone: xx free, xx in use** indicating the number of memory locations (phone entries) available and in use.



## 9 Voice mail

*Voice mail* is a network service that allows callers to record a message to your phone's voice mailbox if you are not available. You can call your voice mailbox and retrieve your messages at a later time.

### • SET UP YOUR VOICE MAILBOX

As part of your network's voice mail feature, your service provider gives you a voice mailbox phone number. Your voice mailbox number can be up to 28 characters long. You can save this number in your phone to make getting your voice messages quick and convenient.

- 1 Press **Menu 1-3-2** (**Menu > Messages > Voice messages > Voice mailbox number**).
- 2 At the prompt, enter your voice mailbox phone number and press **OK**.
- 3 You will then be asked if you want to save your hidden voice mailbox password.
  - Press **Yes** to save a hidden voice mailbox password in your phone.
  - Press **No** if you do not want to save the password in your phone.
- 4 If **Yes**, you will be prompted to enter your five-digit security code (for more details, see "Security Code" on page 68). After you enter the code, press **OK**.
- 5 At the prompt, enter your voice mailbox password and press **OK**.

If your phone number changes, you may need to change your voice mailbox number along with it.




**Note:** For more detail on using voice mail, contact your service provider to learn the voice mail system's various greetings, passwords and prompts.

## • SET GREETINGS AND PASSWORDS


These may vary in different wireless systems. If you need information about how to record your greeting or how to store your password, contact your service provider. If you store your voice mailbox password in your phone, the phone immediately sends the password after you dial your voice mailbox number.

## • LISTEN TO YOUR VOICE MESSAGES

When you receive a new voice message, your phone beeps and **New voice message** and  appear on your screen.

- Press **Listen** and follow the instructions given on the phone.

OR


- To listen to your messages at a later time, press **Exit**. The  icon remains in the display as a reminder.

Depending on your wireless network provider, your phone may also display the number of messages that you have received.



**Note:** Voice messaging is a network dependent feature. Call your service provider if you have any questions.

### Dial your voice mail at a later time:

- Press and hold .

OR

- Press **Menu 1-3-1** (**Menu > Messages > Voice messages > Listen to voice messages**).

The message **Calling voice mailbox** appears on the screen. Follow the prompts to access your messages.

# 10 Call log

The *call log* keeps track of:

- Missed calls
- Received calls
- Dialed calls
- Call timers



## • CALL LOG OPTIONS

1 Press **Menu 2 (Menu > Call Log)** for the following submenus:

- Missed calls
- Received calls
- Dialed calls
- Clear call lists
- Call timers



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

When you view the **Missed**, **Received** and **Dialed** calls menus, a list of options appears:

Option	What it does
Call time	Shows the date and time when the call was connected—if the clock has been set. This feature is dependent upon your service provider.
Edit number	Allows you to edit/save the number shown on the screen.
Save	Allows you to save the displayed number directly into your phone book.



Option	What it does
Erase	Allows you to erase the displayed number from the call log.
View Number	Allows you to view the caller's number.

 **Tip:** You can save numbers from the missed, dialed or received call logs by pressing **Options** > **Save**. You also can dial any numbers that appear on the phone screen by pressing .

## Check missed calls




If you do not answer a call, the message **Missed calls** appears on your phone's screen, along with the number of calls missed. Your phone stores the last 10 numbers associated with calls you have missed.

To check missed calls:

- 1 Press **Menu 2-1 (Menu > Call log > Missed calls)**.

OR

Press **List**. The phone displays a list of the numbers of the calls you missed.

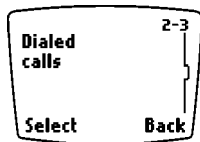
- 2 Press  or  to scroll through the list.
- 3 Press  if you want to dial the number.

## Check dialed calls




Your phone automatically stores the last 10 numbers that you have dialed. To check this list of numbers:

- 1 Press **Menu 2-3 (Menu > Call log > Dialed calls)**.

OR




From the Start screen, press  for a list of the last ten numbers dialed from the phone.

- 2 Press  or  to scroll through the list.
- 3 Press  if you want to dial the number.

## Check received calls

Your phone stores the last 10 numbers associated with calls that you have answered. To check this list of numbers:

- 1 Press **Menu 2-2 (Menu > Call log > Received calls)**.
- 2 Scroll through the list of received numbers and highlight your selection.
- 3 Press  if you want to dial the number.

## Clear call lists

You can erase some or all of the numbers that appear in your phone's call log.



**Caution:** You cannot undo this operation.

- 1 Press **Menu 2-4 (Menu > Call log > Clear call lists)**.
- 2 Scroll through the list of options, which includes: **All**, **Missed**, **Dialed**, and **Received**.
- 3 Highlight your selection and press **OK**.

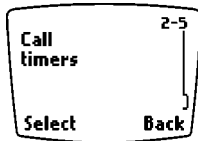


**Caution:** The **All** option clears *every* number in *every* list, whereas the other options clear *only* the numbers associated with that option.

## • CHECK CALL TIMERS

Your phone tracks the amount of time you spend on each call. To obtain information about time spent on phone calls:

- 1 Press **Menu 2-5** (**Menu > Call log > Call timers**).
- 2 Scroll through the options described below:



Option	What it does
Last call	Shows the call duration of the last call made.
Dialed calls	Shows the duration of all outgoing calls since you reset the timers.
All calls	Shows the call duration of all calls that have been made and received since you reset the timers.
Life timer	Shows the duration of all calls for the life of your phone. This option cannot be reset.
Clear timers	Clears all call timers for the currently selected phone number. Your phone includes separate timers for each number used, with the exception of the Life timer.

### Turn on a current call timer

You can set your phone to display the running elapsed time while a call is active.

- 1 Press **Menu 2-5-1** (**Menu > Call log > Call timers > Last Call**) and press **Details**.
- 2 **Current call timer** appears. Press **Select**.
- 3 Scroll to **On** and press **OK**.

## Clear call timers

- 1 Press **Menu 2-5-5** (**Menu > Call log > Call timers > Clear timers**).
- 2 At the **Security code** prompt, enter your five-digit security code and press **OK**.

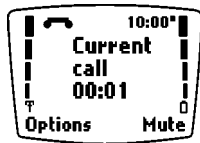


**Caution:** The **Clear timers** option cannot be undone. If you use the call timers to log or track the amount of time you are using your phone, you may want to write down this information before you erase it.

# 11 Advanced calling features

## • USE IN-CALL OPTIONS

Your phone allows you to use a number of features during a call; however, you may not be able to use all options at all times. This section explains the options and when they can be used.



**Note:** Many in-call options are network dependent features. To use these options, you must contact your service provider.

During a call, press **Options** to see the in-call menu choices:

Menu Options	What it does
Lock keys	Locks your phone's keypad.  (This option appears first only if your phone is connected to a headset. If your phone is not connected to a headset, the Touch tones option appears first. )
Touch tones	Sends touch tones.
New call	Allows you to make a call while you have a call in progress. For additional information, see "Make a conference call" on page 44.
Menu	Accesses the Menus.
Names	Accesses the phone book.
Mute	Mutes the phone's microphone. This option can affect the microphones of any accessories connected to the phone.

## • USE CALL WAITING

During a call, *call waiting* beeps to let you know that someone else is calling you. Depending on your caller ID setup, the phone might also display the number of the incoming call.

You must store the call waiting feature code before activating call waiting. Once the code has been stored, **Call waiting** appears as a menu option.



**Note:** Call waiting is a provider dependent feature. Contact your service provider for availability.

### Store the call waiting feature code

- 1 Press **Menu** > **Settings** > **Network services** > **Network feature setting**. The **Feature code** prompt appears.
- 2 Enter the feature code issued by your service provider and press **OK**.
- 3 Scroll to **Call waiting** and press **Select**.
- 4 Scroll to **Activate** and press **OK**.

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### Activate call waiting

- 1 Press **Menu** > **Settings** > **Network services** > **Call waiting**.
- 2 Scroll to **Activate** and press **OK**.

Your phone calls the network to confirm the feature code you entered. After the network confirms the feature code, call waiting is activated.

### Manage calls

Call waiting works with both local and long distance calls.


- To answer an incoming call, press .
- To switch from one call to another, press .
- To end both calls, press .

## Make a conference call

While in a call, you can call another number to add a third party to the call.







**Note:** Conference calling is a provider dependent feature. Contact your service provider for availability and details.

- 1 While in a call, you can either dial the number you want to add and press .

OR


Press **Options**, scroll to **New call**, press **OK**, enter the phone number, and press **OK** again.

If you don't remember the number of the party you want to include in the conference and the number is in your phone book, you can recall the number and press  to dial it.

- 2 When the third party answers, press  to connect all three parties. To place one of the parties on hold, press  again. If you press  a third time, the party you placed on hold rejoins the call, and the second party is placed on hold.



**Note:** Once you place one of the parties on hold, you will not be able to rejoin all three parties during the call.

- 3 To end both calls, press .

## Recall a number from the phone book during a call

You can recall a number from the phone book without ending your current call.

- 1 During the call, press **Options**. Scroll to **Names** and press **OK**.
- 2 **Search** appears highlighted. Press **Select**.
- 3 Enter name and press **OK** or scroll through the phone book.
- 4 When the name you want to call appears, press **OK**.

## • CALL FORWARDING

With *call forwarding*, you can forward incoming calls to another phone number. Before you can use call forwarding, you must first store its feature code. Once the code has been stored, **Call forwarding** appears as a menu option.



**Note:** Call forwarding is a network dependent feature. Some networks require that the call forwarding code be activated manually rather than using the method outlined below. Contact your service provider for availability and full details.

### Store the call forwarding feature code

Before you can activate call forwarding, you must contact your service provider to obtain the feature code.

- 1 Press **Menu** > **Settings** > **Network services**. Scroll to **Network feature setting** and press **Select**.
- 2 When the **feature code** prompt appears, enter the feature code your service provider has given you. Press **OK**.
- 3 Scroll to **Call forwarding** and press **Select**.

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### Activate call forwarding

- 1 Press **Menu** > **Settings** > **Network services**.
- 2 Scroll to **Call Forwarding** and press **Select**.
- 3 Scroll to the desired option, as described in the following table, and press **Select**.

Option	What it does
Forward all calls	Forwards all incoming calls.



Option	What it does
Forward if busy	Forwards incoming calls only when you're on the phone and do not have voice mail.
Forward if not answered	<p>Forwards incoming calls if you don't answer them. This option is useful if you want to give your phone to someone for a short period of time but don't want them to answer the phone.</p> <p>For example, you could use this option if you give your child the phone to use in case of emergency, but you still want to receive any incoming call made to this phone.</p>
Forward if out of reach	Forwards calls if you are out of the serving wireless network or if your phone is turned off.
Cancel all Call Forwarding	Cancels all forwarding options that are currently active.

- 4 Select **Activate**.
- 5 At the **Number** prompt, either enter the number to receive forwarded calls or press **Search** to find a number that has been saved in your phone book. Press **OK**.


Your phone calls the network to confirm the feature code that you entered. After the network confirms the feature code, call forwarding is activated.

## Cancel Call Forwarding

- 1 Press **Menu** > **Settings** > **Network services** > **Call Forwarding**. Press **Select**.
- 2 Scroll to **Cancel all Call Forwarding** and press **OK**.

## • AUTOMATIC REDIAL

*Automatic redial* enables your phone to continue trying to call a number that is busy due to wireless network problems.

When you call a number and get a busy signal because of network problems, your phone redials this number up to three times. If you want to stop the automatic redialing process before the last attempt, press . Before you can use the Automatic Redial feature, you must activate it.

- 1 Press **Menu 4-3-1** (Menu > Settings > Call settings > Automatic redial).
- 2 Scroll to **On** and press **OK**.

## • USE A CALLING CARD

Calling cards can be used for charging long distance calls to personal or business accounts. You must first store your calling card information in the phone. Your phone can store information for four calling cards.

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### Save calling card information

- 1 Press **Menu 4-3-2** (Menu > Settings > Call settings > Calling card).
- 2 Scroll to **Card A, B, C or D**.
- 3 Press **Options**. Scroll to **Edit** and press **OK**.
- 4 At the **Security code** prompt, enter your five-digit security code and press **OK**.
- 5 Scroll to the appropriate dialing sequence (see following table) and press **Select**.

Card Requires	Dialing Sequence
Access number + phone no. + card no.	1. 1-800 access number 2. Phone number 3. Card number (+ PIN if required)
Access number + card no. + phone no.	1. 1-800 access number 2. Card number (+ PIN if required) 3. Phone number
Prefix + phone no. + card no.	1. Prefix (any numbers that must precede the phone number) 2. Phone number 3. Card number (+ PIN, if required)


- 6 Input the necessary card information such as access number, card number and PIN number.
- 7 Once you finish entering the information, press **OK** at the **Save changes?** message.
- 8 Scroll up or down to **Card Name** and press **Select**.
- 9 Enter the card name and press **OK**.

## Choose a calling card to use

If you have several calling cards, you must choose one before making a call.

- 1 Press **Menu 4-3-2 (Menu > Settings > Call settings > Calling card)**. Scroll to the desired card and press **Options**.
- 2 **Select** appears highlighted. Press **OK**.
- 3 At the **Security code** prompt, enter your five-digit security code and press **OK**. **Card ready for use** appears as a confirmation message.

## Make a call using a calling card

- 1 Following the instructions on your calling card, enter the phone number as well as any required prefix such as 1 or 0.
- 2 Press and hold  until your phone displays the message **Card call** and shows **Wait for tone**. Press **OK**.
- 3 After the second tone, press **OK**. Your phone displays **Card call**.



**Note:** This procedure may not apply to all the calling card options saved into your phone. For more information, check the back of your calling card or contact your long distance provider.

## Delete a calling card

- 1 Press **Menu 4-3-2** (Menu > Settings > Call settings > Calling card).
- 2 Scroll to the calling card you want and press **Options**.
- 3 Scroll to **Erase** and press **OK**.
- 4 At the **Security code** prompt, enter your five-digit security code and press **OK**.
- 5 The message **Erase card information?** asks you to confirm your choice. Press **OK**.

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## • SEND YOUR OWN NUMBER IN CALLER ID

In most service areas, when you call others, your name is presented to their caller ID. With the *Send Own Number* feature, you can prevent your number from appearing on their caller ID.



**Note:** The Send Own Number feature may not be available in all wireless systems. Contact your service provider for details and availability.

## Store the Send Own Number feature code

- 1 Press **Menu** > **Settings** > **Network services** > **Network feature setting**.
- 2 At the **Feature code** prompt, enter the feature code your service provider gives you and press **OK**.
- 3 Scroll to **Send own number** and press **Select**.

Your phone calls the network to confirm the feature code that you entered. After the network confirms the code, the Send Own Number feature is activated.

## Set the Send Own Number feature

- 1 Press **Menu** > **Settings** > **Network services** and scroll to **Send own number**. Press **Select**.
- 2 Scroll to **Yes** or **No**. Press **OK**.
- 3 Enter the number you wish to call (or press **Search** to retrieve the number from the phone book). Press **OK**.

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## • SELECT A PHONE NUMBER

Your service provider programs your phone number and system information into your phone's memory when your phone is first activated. Your phone can hold up to three numbers. This means that your phone can be activated in three different service areas. For example, your phone could be activated in Dallas, Chicago, and New York. Each service area would assign a different phone number or account to your phone.

You must select a phone number for your home system. Only one phone number can be active at a time. If you travel outside your home system, you can choose another number.



**Note:** One phone number is usually enough if your service provider has service or roaming agreements for each area in which you wish to use your phone. Contact your service provider for details.

## Select the phone number

- 1 Press **Menu > Settings > Network services** and press **Select**.
- 2 Scroll to **Own number selection** and press **Select**.
- 3 Scroll to the phone number you want to use and press **OK**.



**Note:** The first phone number on this list is selected. You need at least one active number to make calls. You cannot change from one phone number to another during a call.

## • SET TOUCH TONES

*Touch tones* are the sounds produced when you press the keys on your phone's keypad. You can use touch tones for many automated, over-the-phone services such as checking bank balances and airline schedules and using your voice mailbox. Touch tones can be sent only when a call is active.

### Set manual touch tones

- 1 Press **Menu 4-4-1-1 (Menu > Settings > Phone settings > Touch tones > Manual touch tones)**.

- 2 Select one of the following options and press **OK**.

*Continuous* – the tone sounds for as long as you press and hold a key.

*Fixed* – sets the tone length to 0.1 second, regardless of how long you press a key.

*Off* – turns off the tones. No tones are sent when you press a key.

### Set touch tone length


You can also set the length of each touch tone:


- 1 Press **Menu 4-4-1-2 (Menu > Settings > Phone settings > Touch tones > Touch tone length)**.
- 2 Scroll to **Short** or **Long**. **Short** sets the tone length to .1 second. **Long** sets the tone length to .5 second. Press **OK**.

## Store touch tone sequences (strings)

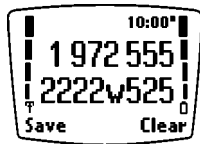
You store touch tone strings the same way that you store names and numbers in your phone book. You can store an entire digit sequence and send it as touch tones for frequently used strings of numbers. For more detail on creating these strings, see “Create Special Number Strings in 123 Mode” on page 29.

### STORE TOUCH TONE STRINGS WITH PHONE NUMBERS

- 1 Enter the phone number that you want associated with a touch tone.
- 2 Press  until **w** or **p** appears.

**w (wait):** If you include the *w* character, the phone *waits* until you press  again before it sends the touch tones.

**p (pause):** If you include a *p* character your phone *pauses* for 2.5 seconds, then automatically sends the touch tones.



- 3 Enter the rest of the touch tone string.
- 4 Store the number as you normally would.

### SEND A TOUCH TONE STRING

- 1 Press Menu 4-4-1-1 (Menu > Settings > Phone settings > Touch tones > Manual touch tones).

If the setting is set to **Off**, scroll to **Fixed** or **Continuous** and press **OK**.

- 2 During your call, press **Options**, scroll to **Touch tones** and press **OK**.
- 3 Enter the touch tone string or recall the string from the phone book and press **OK**.

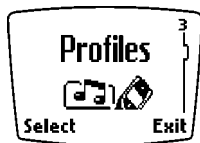


**Caution:** If you send touch tones while in the analog mode, be careful not to send confidential information.

# 12 Personalization

## • PROFILES

*Profiles* let you set your phone's sound settings to match your environment, whether it's a meeting or a soccer game. Just pick the profile that suits your current environment: **Normal**, **Silent**, **Outdoor**, **Meeting** or **Pager**.



You can customize any of the profiles and set your own preferences for the following settings:

- Ringing options
- Ringing volume
- Ringing tone
- Vibrating alert
- Keypad tones
- Warning game tones
- Message alert tone



**Important:** The optional **Car** and **Headset** profiles mentioned later in this chapter (a) do not appear until you have attached these accessories at least once and (b) can only be accessed by pressing **Menu** > **3** and scrolling.

## • SELECT A DIFFERENT PROFILE

To select a different profile (assuming that a headset or car kit is not attached):

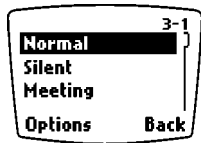
- 1 Briefly press the **Power** key.
- 2 Scroll to the profile you want to use and press **OK**. (**Car** and **Headset** will not appear as options.)



You can return to the original settings at any time by selecting the **Normal** profile.

## • CUSTOMIZE A PROFILE

- 1 Press **Menu 3 (Menu > Profiles)**.
- 2 Scroll to the desired profile in the list.
- 3 Press **Options** to view the options for the selected profile.
- 4 Scroll to one of the following options and press **OK**.



Option	What it does
Select	Activates the currently highlighted profile.
Customize	Allows you to customize a profile by changing the current settings.
Rename	Allows you to rename the <b>Silent, Outdoor, Meeting or Pager</b> profiles to better suit your personal taste.  You cannot rename the <b>Normal, Headset, Loopset, or Car kit</b> profiles.



**Note:** When you change a setting in the particular profile, it affects only that profile.

## Set ringing options

You can choose the tone that your phone uses to notify you of an incoming call. This setting does not affect any incoming text message alert tones.

- 1 Press **Menu 3 (Menu > Profiles)**. Your phone lists each profile.
- 2 Scroll to the desired profile and press **Options**.

- 3 Scroll to **Customize** and press **OK**.
- 4 Scroll to **Ringing options** and press **Select**.
- 5 Scroll to one of the ringing options listed below and press **OK**.

Option	What it does
Ring	The phone rings normally.
Ascending	Ringing volume increases (gets louder) if the phone is not answered.
Ring once	The phone rings once to indicate an incoming call.
Beep once	The phone beeps once to indicate an incoming call.
Caller groups	The phone will only ring when a call comes from a number within a chosen caller group. Scroll to the desired caller group(s) and press <b>Mark</b> to select or <b>Unmark</b> to deselect the group. For more detail, see “Caller groups” on page 63.
Silent	The phone makes no sound.

## Set the ringing volume

You can set the ringing volume for incoming voice calls and message alert tones.

- 1 Press **Menu 3 (Menu > Profiles)**.
- 2 Scroll to the profile for which you want to set the ringing volume and press **Options**.
- 3 Scroll to **Customize** and press **OK**.
- 4 Scroll to **Ringing volume** and press **Select**.
- 5 Scroll through the options. When you hear the volume level you wish

to use, press **OK**.



**Note:** Although the sample ringing tone for level 4 and level 5 is the same, level 5 produces *very loud* ringing.

## Set the ringing tone

You can set your phone's ringing tone to a specific sound—or tune—for incoming voice calls.



**Note:** If you have already selected **Silent** or **Beep once** (see “Set ringing options” on page 54), the ringing tones are already turned off.

- 1 Press **Menu 3 (Menu > Profiles)**. Your phone lists each profile.
- 2 Scroll to the profile for which you want to set the ringing tones and press **Options**.
- 3 Scroll to **Customize** and press **OK**.
- 4 Scroll to **Ringing tone** and press **Select**.
- 5 Scroll through the options. When you hear the tone you want to use, press **OK**.

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## Set a vibrating alert

You can set your phone to vibrate to indicate an incoming call.

- 1 Press **Menu 3 (Menu > Profiles)**.
- 2 Scroll to the profile for which you want to set the vibrating alert and press **Options**.
- 3 Scroll to **Customize** and press **OK**.
- 4 Scroll to **Vibrating alert** and press **Select**.
- 5 Scroll to **On** and press **OK**.

The phone does not vibrate when it is connected to or placed in any charging device.

## Set keypad tones

Keypad tones are the sounds you hear when you press your phone's keys. You can set the volume for those tones.

- 1 Press **Menu 3 (Menu > Profiles)**.
- 2 Scroll to the profile for which you want to set the keypad tones, and press **Options**.
- 3 Scroll to **Customize** and press **OK**.
- 4 Scroll to **Keypad tones** and press **Select**.
- 5 Scroll to one of the levels and press **OK**. (If you choose **Off**, no keypad tones are heard.)

If you chose the **Silent** profile in step 2, the keypad tones are turned off.

## Set warning tones

You can set warning tones in your phone on or off.

*Warning tones* include the sounds your phone makes during error conditions, during confirmations, when a battery is low and when you need to recharge the battery.

- 1 Press **Menu 3 (Menu > Profiles)**.
- 2 Scroll to the profile for which you want to set the warning tones and press **Options**.
- 3 Scroll to **Customize** and press **OK**.
- 4 Scroll to **Warning tones** and press **Select**.
- 5 Scroll to **On** and press **OK**.

To turn warning tones off, scroll to **Off** and press **OK**.

## Set message alert tone

You can set your phone to use a certain tone to indicate an incoming text message.

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

- 2 Scroll to the profile for which you want to set the message alert tone, and press **Options**.
- 3 Scroll to **Customize** and press **OK**.
- 4 Scroll to **Message alert tone** and press **Select**.
- 5 Scroll through the choices. The phone plays a sample of each choice as you scroll to it.
- 6 When you find the tone you want to use, press **OK**.

## Set your phone to answer automatically

You can set your phone to answer incoming voice calls after one ring. This feature can be used only when your phone is connected to a headset or to an approved handsfree car kit that is equipped with the ignition sense option, with the car's ignition on.

- 1 Press **Menu 3 (Menu > Profiles)**. Scroll to either the **Car** or **Headset** profile and press **Options**.



**Important:** **Car** and **Headset** do not appear as options until your phone has been connected to a car kit or headset at least one time.

- 2 Scroll to **Customize** and press **OK**.
- 3 Scroll to **Automatic answer** and press **Select**.
- 4 Scroll to **On** and press **OK**.

## Set the lights (car kit only)

When your phone is connected to a car kit, you have a choice of having the phone lights on (a) continuously or (b) only when you use it.

- 1 Press **Menu 3 (Menu > Profiles)**.
- 2 Scroll to **Car** and press **Options**.



**Caution:** **Car** and **Headset** do not appear as options until your phone has been connected to a car kit or headset at least one time.

- 3 Scroll to **Customize** and press **OK**.
- 4 Scroll to **Lights** and press **Select**.
- 5 Scroll through your choices, listed and described below, and press **OK**.

Option	What it does
Automatic	Turns off the lights within 15 seconds if no keys are pressed.
On	Lights remain on the entire time your phone is connected to the car kit.

## Rename profiles

- 1 Press **Menu 3 (Menu > Profiles)**. Scroll to profile you want to rename and press **Options**.
- 2 Scroll to **Rename** and press **OK**.
- 3 Enter the new name and press **OK**.



**Note:** You cannot rename the **Normal**, **Headset**, **Loopset** and **Car kit** profiles.

## • SET THE CLOCK

If you (a) change the battery in your phone or (b) allow the battery in your phone to completely discharge, you will have to reset the clock.

- 1 Press **Menu 4-2-1-2 (Menu > Settings > Time settings > Clock > Adjust time)**.
- 2 Enter the time using an hh:mm format and press **OK**.

For example, to set your clock to 9:30, enter **09:30**. Scroll to **am** or **pm** and press **OK**.

If you use the 24-hour time format, enter: **09:30** (for am) or **23:12** (for pm).

3 The time is set when you press **OK**.

## Select the time format

You can choose whether your clock shows time in an am/pm format or a 24-hour format.

- 1 Press **Menu 4-2-1-3** (**Menu > Settings > Time settings > Clock > Time format**).
- 2 Scroll to **24-hour** or **am/pm** and press **OK**.

## Automatic time update

You can set your phone to update the date and time from the network when you turn the phone on. If the clock in your phone is 2 minutes or more off the network time, the phone will automatically update to reflect the network time.



**Note:** Auto update of date and time is a provider dependent feature. Contact your service provider for details and availability.

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## Turn on automatic update of date and time

You need to display the clock on the phone's screen before you turn on the automatic date and time update.

Press **Menu 4-2-2-1** (**Menu > Settings > Time settings > Auto update of date and time > On**).

## Confirm automatic update of date and time

You can set your phone to ask you for a confirmation before it automatically updates the date and time. You can accept or decline the update.

Press **Menu 4-2-2-2** (**Menu > Settings > Time settings > Auto update of date and time > Confirm first**).

## Turn off automatic update of date and time

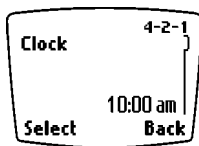
When you turn off the date and time update, the phone uses the date and time that you have manually entered instead of getting the information from the network.

Press **Menu 4-2-2-3** (Menu > Settings > Phone settings > Auto update of date and time > Off).

To set the time manually, refer to “Set the display language” on page 61.

## Display or hide the clock

Your phone has an *internal clock* that you can set to display on the Start screen. For added convenience, the clock also is connected to an alarm clock (see “Alarm clock” on page 97 for additional information). To hide or display the clock from the Start screen:



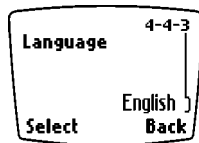
**Hide** – To hide the clock after it has been set, press **Menu 4-2-1-1** (Menu > Settings > Time settings > Clock). Scroll to Hide Clock and press **Select**.

**Display** – To display the clock *after* it has been hidden, press **Menu 4-2-1** (Menu > Settings > Time settings > Clock). Scroll to Display Clock and press **Select**.

## • SET THE DISPLAY LANGUAGE

You can set your phone to display a certain language.

- 1 Press **Menu 4-4-3** (Menu > Settings > Phone Settings > Language).
- 2 Scroll to the language you want to use and press **OK**.

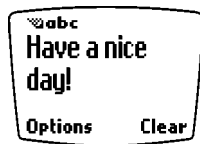




You can choose from English, French, Spanish, Portuguese, Russian, Hebrew, and Chinese.



## • ADD A WELCOME NOTE

You can set your phone to display a welcome note each time you switch on your phone. This note could say, for example: *Have a nice day!* It could include your name, a reminder or more. The maximum length of this note is 36 characters.



- 1 Press **Menu 1-4** (**Menu** > **Messages** > **Welcome note**).
- 2 Enter the text of the welcome note. As you enter characters, they appear to the left of the cursor. Press **Clear** to delete characters to the left of the cursor. Press  to move cursor to the left; press  to move it to the right.
- 3 Press **Options**.
- 4 Scroll to **Save** and press **OK**.

To erase the welcome note, press **Menu 1-4** (**Menu** > **Options** > **Erase** > **OK**).

## 12 • USE 1-TOUCH DIALING

You can assign a name from your phone book to a 1-touch dial location, using your phone's keys 2 through 8. (The "1" key is used exclusively to dial your voice mailbox.) Once assigned, the phone number you associate with that key is dialed automatically when you press and hold the number key.



**Note:** You must store names and numbers in your phone book before you can use 1-touch dialing.

### Assign a name or number to 1-touch dial key

- 1 Press **Names**, scroll to **1-touch dialing** and press **Select**.
- 2 Scroll to the first number that includes the message (**empty**) and press **Assign**.

- 3 Scroll to the name and number to which you want to assign this key and press **Select**. Repeat these steps as many times as necessary.
- 4 To call a number using 1-touch dialing, press and hold the appropriate key for a few seconds.

## Change 1-touch dialing numbers

You can change the 1-touch dialing key assignments at any time.

- 1 Press **Names**, scroll to **1-touch dialing** and press **Select**.
- 2 Scroll to the key you want to change and press **Options**.
- 3 Scroll to **Change** and press **Select**.
- 4 Scroll through the phone book until you reach the new number you want to select and press **Select**.

## Erase 1-touch dialing numbers

You can erase 1-touch dialing key assignments at any time.

- 1 Press **Names**, scroll to **1-touch dialing** and press **Select**.
- 2 Scroll to the key you want to erase and press **Options**.
- 3 Scroll to **Erase** and press **Select**.
- 4 Press **OK** to confirm.


## • CALLER GROUPS

You can create groups of names in your phone book and give each group a different identifying ring. This allows you to hear the ring and recognize that a person from a particular group is calling you.

To use the caller group feature, you must also have access to caller ID. Caller ID is a network dependent feature. You can contact your service provider for further details.

## Add names to a caller group

Before you can create a caller group, you must include the names that will make up a caller group in your phone book.

- 1 At the **Start** screen, press  until you see the name or number you want to assign to a caller group. Press **Details**.
- 2 Press **Options** and scroll to **Caller groups** and press **Select**.
- 3 Scroll to the caller group to which you want to add this name and press **Select**.

## Assign a ringing tone to a caller group

After you have created a caller group, you can assign a unique ringing tone to that group. When someone calls you from a particular caller group, you will be able to identify that person's caller group by the ringing tone.

- 1 Press **Names** and scroll to **Caller groups**. Press **Select**.
- 2 Scroll to the group you want and press **Select**.
- 3 Scroll to **Group ringing tone** and press **Select**.
- 4 Scroll to the tone that you want to assign and press **OK**.

## Limit calls to caller group members

You can customize a profile so that *only* calls from people in a particular caller group will ring on your phone — otherwise the phone will remain silent.

- 1 Choose **Menu 3 (Menu > Profiles)**. Scroll to a profile other than **Normal** or **Silent** and press **Options**. Choose **Customize**.
- 2 Choose **Ringing tones** and press **Select**.

- 3 Scroll to **Caller groups** and press **OK**.
- 4 On the next screen, press **Mark** to choose (or **Unmark** to eliminate) the caller group that will be allowed to ring when that particular Profile is chosen.

When you want to use the customized profile, briefly press the **Power** button, scroll to the appropriate profile and press **OK**.

## Rename a caller group

- 1 Press **Names** and scroll to **Caller groups**. Press **Select**.
- 2 Scroll to the group you want and press **Select**.
- 3 Scroll to **Rename group** and press **Select**.
- 4 Enter the new group name and press **OK**.

## Remove names from a caller group

- 1 In the phone book, scroll to select the name you want to remove, and press **Options**.
- 2 Scroll to **Caller groups** and press **Select**.
- 3 Scroll to **No group** and press **Select**. The name is removed from the group.

## Display caller group graphics

When someone calls you from a particular caller group, your phone can display a picture to identify that person's caller group.

- 1 Press **Names**. Scroll to **Caller groups** and press **Select**.
- 2 Scroll to the caller group for which you want to display a graphic and press **Select**.
- 3 Scroll to **Group graphic** and press **Select**.
- 4 Scroll to **On** and press **Select**.

The graphic associated with that caller group is now set to appear.

## Receive a downloaded graphic

If you have this service, your phone may receive additional downloaded caller-group graphics. Contact your service provider to get more information on this service.

## View the new graphic

- 1 When your phone shows **Group graphic received**, press **Options**.
- 2 **Show** is selected. Press **OK**.

The new group of graphics appears.



**Caution:** If you press **Exit** at any time before saving the graphic, the new graphic will be deleted.

## Save a received graphic

- 1 After previewing the group graphic, press **Back**.
- 2 Scroll to **Save** and press **OK**.
- 3 Choose the caller group graphic you want to replace (Family, Friends, VIP, and so on) and press **OK**.

The phone saves the group graphic with the caller group you selected.

## Discard a received graphic

To discard a group graphic, press **Exit** or scroll to **Discard** and press **OK**.

## • RESTORE FACTORY SETTINGS

If you have made changes to your phone's profiles (settings), you can restore them to their original or factory settings. The memory, timers, language selection, security code, and lock codes are not reset. However, any profiles you have modified are reset.

- 1 Press **Menu 4-4-2** (**Menu > Settings > Phone settings > Restore factory settings**).
- 2 At the prompt, enter your five-digit security code and press **OK**.

# 13 Security

## • TYPES OF SECURITY

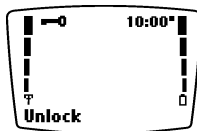
Your phone has four different types of security to protect against accidental or unauthorized use.


Feature	What it does	For More Information
Keypad Lock	Prevents accidental key presses. (This does not prevent unauthorized use.)	page 68
Security Code	Allows you to activate and use certain features such as changing your phone's language display, Lock Code and Restrict Calls options.  <i>The five-digit default code that comes with the phone is 12345.</i>	page 68
Phone Lock Code	Prevents use of the phone until you enter the proper code. (You can still receive calls without entering the code).  <i>The four-digit default access code that comes with the phone is 1234.</i>	page 69
Restrict Calls	Allows you to restrict certain types of incoming or outgoing calls.	page 72

When you get your phone, you should change the access code and security code from their default settings. Write down the new codes and keep them in a safe place away from your phone.




## • KEYPAD LOCK

The keypad lock disables your keypad to prevent accidental key presses (for example, when your phone is in your pocket or purse) but it does not prevent unauthorized use of your phone.



**Important:** When the keypad lock is on, calls may be possible to the emergency number you have programmed into your phone (for example, 911 or any other official emergency number.) You will need to key in the emergency number and press .


### Locking and Unlocking the Keypad

- To lock the keys, press **Menu**, then  or press and hold .
- To unlock the keys, press **Unlock**, then .



**Note:** Connecting your phone to a car kit automatically disables the keypad lock.

### Answering a call while the keypad is locked

During an incoming call, the keypad automatically unlocks to let you answer the call. Press  to answer the call.

After you end the call, the keypad automatically locks again.

## • SECURITY CODE

The Security code prevents unauthorized users from changing certain important feature settings on your phone. When the phone requires this code, it displays a prompt asking you to enter a Security code. The five-digit default Security code that comes with your phone is 12345. Nokia recommends that you change the default code immediately.



**Note:** If you enter an incorrect security code five times in a row, the phone will not accept the correct code for 5 minutes.

## Change your security code

- 1 Press **Menu 4-5-2-4** (Menu > Settings > Security settings > Access codes > Change security code).
- 2 At the **Security code** prompt, enter your five-digit default security code (12345) or your current security code and press **OK**.
- 3 At the **Enter new security code** prompt, enter your new five-digit security code and press **OK**.
- 4 At the **Verify new security code** prompt, enter your new security code again and press **OK**. The confirmation **Security code changed** appears.

Keep your security code secret and stored in a safe place away from your phone. If you have changed your security code and don't remember the new code, contact your service provider.

## • PHONE LOCK

You can prevent unauthorized use of your phone by locking it. When your phone is locked, the menu and phone book cannot be opened. Incoming calls can be received, but outgoing calls can only be made to the unlocked phone number you specify.

The four-digit default lock code is *1234*. Nokia recommends that you change the default code immediately.



**Note:** If you enter an incorrect lock code five times in a row, your phone prompts you for the five-digit security code.


## Turn on the phone lock

- 1 Press **Menu 4-5-2-1** (Menu > Settings > Security settings > Access codes > Phone lock).
- 2 At the prompt, enter your four-digit lock code and press **OK**.
- 3 Scroll to **On** and press **OK** again.
- 4 Complete the phone lock activation by turning your phone off and



back on.

Once you turn the phone back on, **Phone locked** displays on the Start screen, and you are prompted to enter your four-digit lock code when you press **Menu** or **Names**.

With the phone lock activated, it may still be possible to make emergency calls, such as 911 or any other official emergency numbers. This means it may be possible to enter the emergency number and press .

## Temporarily turn off the phone lock

To temporarily disable the activated phone lock:

- 1 Press **Menu**. The **Enter lock code** prompt opens.
- 2 Enter your four-digit lock code and press **OK**. **Phone unlocked** displays briefly before you return to the Start screen.





**Note:** If you turn your phone off and then turn it back on, the phone lock will reactivate automatically.

## Permanently turn off the phone lock:

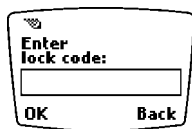
- 1 Press **Menu 4-5-2-1** (**Menu** > **Settings** > **Security settings** > **Access codes** > **Phone lock**).
- 2 At the **Enter lock code** prompt, enter your four-digit lock code and press **OK**.
- 3 Scroll to **Off** and press **OK** again. The confirmation, **Phone lock deactivated**, appears briefly.

## Answer a call with phone lock on

- To answer a call while using the phone lock, press any key except  or .

## Change your phone lock code

- 1 Press **Menu 4-5-2-3** (Menu > Settings > Security settings > Access codes > Change lock code).
- 2 At the **Enter lock code** prompt, enter your four-digit lock code and press **OK**. (Only numeric characters are accepted.)
- 3 Enter your new lock code and press **OK**.
- 4 Enter the new lock code a second time to verify and press **OK**.



When you change your lock code, make sure you store the new code number in a safe place, away from your phone.







**Tip:** To prevent accidental emergency calls, do not use phone lock codes and security codes that are similar to emergency numbers.

## Store an unlocked phone number

- 1 Press **Menu 4-5-2-2** (Menu > Settings > Security settings > Access codes > Unlocked phone number).
- 2 At the prompt, enter your phone lock code and press **OK**.
- 3 A **Number** prompt opens. Enter a phone number or press **Search** and scroll through your phone book until the number you want to store appears.
- 4 Press **OK** or **Options**.
- 5 Scroll to **Save** and press **OK**.

## Call the unlocked phone number

- Press  or  once, then .
- OR
- Manually enter the phone number and press .

## • RESTRICT CALLS

You can create your own list of restrictions to restrict incoming and outgoing calls. To restrict the calls, you apply the appropriate restriction as desired. The maximum number of call restrictions you can define is ten.

Before you define restrictions for outgoing calls, **Add restriction** is the only available option. After you use the **Add restriction** option to add at least one restriction, the following options become available:

- **Select**: Allows you to select call restrictions from the outgoing calls list.
- **Edit**: Allows you to edit an existing outgoing call restriction.
- **Erase**: Erases any existing outgoing call restrictions.



**Note**: Even when calls are restricted, calls to certain emergency numbers may still be possible in some networks (such as 911 or other official emergency number).

### Restrict outgoing calls

- 1 Press **Menu 4-5-1-1** (**Menu > Settings > Security settings > Restrict calls > Restrict outgoing calls**). Press **Select**.
- 2 At the **Security code** prompt, enter your five-digit code and press **OK**.
- 3 Scroll to **Add restriction** and press **OK**.
- 4 At the prompt, enter the number you want to restrict and press **OK**.

**For example**: If you want to restrict all long distance calls that begin with 1, enter 1. If you want to restrict all calls that begin with 972, enter 972.

- 5 After you perform step 5, the **Name** field appears.

To add a name or description to help remember the call restriction rule, enter it using your phone's keypad and press **OK**. If you don't want to add a name or description to the rule, simply press **OK**.

## Restrict incoming calls

- 1 Press **Menu 4-5-1-2** (**Menu > Settings > Security settings > Restrict calls > Restrict incoming calls**).
- 2 At the **Security code** prompt, enter your five-digit code and press **OK**.
- 3 Scroll to **All calls** and press **Mark**.  
(You also can press **Unmark** to remove incoming call restrictions.)
- 4 Press **Back**. The **Save changes?** message appears.
- 5 Press **Yes** to save the changes.  
OR  
Press **No** to discard the changes.

# 14 Network services

Depending on your service provider, the network-provided services shown below may be available. (These services may not be available from all providers or in all areas.)

- Voice privacy
- Call forwarding
- Call waiting
- Send own number

When you subscribe to any of these services, your service provider gives you a **feature code** that must be entered and stored to activate each service. After you store a feature code, the respective service appears as a menu option on your phone's screen. You can use these menus to activate and deactivate the network services.

These features do not appear in your phone's **Network feature setting** until you save the related feature code(s) given to you by your service provider.



**Note:** If your phone has more than one phone number assigned to it, any stored feature codes apply only to your primary phone number.

# 15 Select a system

Your phone is capable of working in residential, private, and public systems (such as your home system). You can choose how your phone selects a network to use.



**Note:** The options described here may not be available for your phone. For more information, contact your service provider.

## Set up the way your phone selects a network

### 1 Press **Menu 5** (**Menu > System**).

Your options are:

- **Automatic** – Your phone automatically searches for available networks and chooses the appropriate one. Every time you turn on your phone, it resets to **Automatic**.
- **Manual** – The phone searches for networks and then displays a listing of all of the possible networks on your phone's screen. Next to each network, one of the following appears: **Available** or **Not available**. If a network is shown as **Not available**, you cannot use it.
- **New search** – Your phone begins a new search for both private and residential systems. When it finds the best system available, your phone displays it on its screen. You can then select this system or start another search by pressing **Next**.



**Note:** If you have two phone numbers, the **Manual** and **New search** features are used only with your primary phone number.

## • ROAMING

The term *roaming* indicates that your phone is not in its home area. Your service provider programs a list of preferred systems into your phone. These are systems with which your service provider has roaming agreements. Your phone looks for these systems when you're roaming.

While roaming in some systems, your phone may not be recognized by the host system (the system in the location where you're travelling). If that happens, you may not be able to place a call.

Contact your service provider for more specific information on coverage limitations and how roaming works.

### ROAMING INDICATORS

When your phone begins roaming, the phone beeps once and may display the word **ROAM** on your phone's screen (depending on how roaming works with your phone).

If your phone is not roaming, it either displays the word **HOME** or the name of your service provider.

# 16 Text message input

The text message network service allows you to write, send, forward and reply to text messages.

Your phone has space to store up to 40 text messages, depending on the length of each message. The maximum length and appearance of a received text message may differ, depending on the capabilities of the network from which it originated.



**Note:** Both you and your intended recipient must subscribe to the text messaging service through your respective service providers to use this service.

## • WRITING MESSAGES

You can write messages using *Standard text input* or *Predictive text input*.


### Standard text input

When you select this mode,  or  appears as visual confirmation.

- 1 Find the key that has the letter you want to enter.
- 2 Press it as many times as needed for the letter to appear on the screen.




For example, to enter the name *Nokia*:

Press   N

Press  (to change to lower case input)

Press    o

Press   k


Press    i

Press  a








## • PREDICTIVE TEXT INPUT

With predictive text input, you only need to press a number key once for each letter. Your phone uses a built-in dictionary to predict or guess what you are writing. You also can add new words to the dictionary.

When the predictive text feature is activated, the icon  **ABC** is visible in the text message window.

### Using Predictive Text

Since the displayed word changes after each key stroke, you will need to disregard the displayed word until you have keyed in all the characters. For example, to enter the name *Nokia* with the English dictionary selected:

- Press  (for N; the screen will display N)
- Press  (for o; the screen will display On)
- Press  (for k; the screen will display Mol)
- Press  (for i; the screen will display Onli)
- Press  (for a; the screen will display Nokia)

### Turn on predictive text input

- 1 Press **Menu 1-1-1** (**Menu** > **Messages** > **Text messages** > **Write message**) and press **Select**.
- 2 Enter a character using the keypad.
- 3 Press **Options**, scroll to **Dictionary** and press **OK**.
- 4 Scroll to the language you want and press **OK**. **T9 dictionary activated** appears as a confirmation.





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


## Turn off predictive text input


To switch off the predictive text input and return to traditional text input, repeat steps 1 through 3 above and select **Dictionary off**.

## Helpful keys for predictive text input

Press  repeatedly to change between uppercase and lowercase predictive text input and uppercase and lowercase standard text input.

Press  to view the next matching word if the underlined word is not the word you intended.

Press  once to accept a word or to add a space.


Press  repeatedly to add a period, dash or ellipsis (three dots). When you enter a period to end a sentence, the phone automatically switches back to uppercase entry mode so that the first letter in the next word will be capitalized.

### INSERT NUMBERS



- 1 To add a number to the message, press and hold  until the  icon appears.

OR

Press **Options** and scroll to **Insert number**.

- 2 After you enter the desired number(s), press and hold  to return to standard or predictive text input.

### INSERT SYMBOLS



- 1 Press and hold  until the special character icon  appears.

OR

Press **Options** and scroll to **Insert symbol**.


- 2 Scroll to the symbol you want and press **Insert**.

## WRITE COMPOUND WORDS

- 1 Write the first part of the word and press  to accept it.
- 2 Write the last part of the compound word and press  to enter the word in your phone's memory.


## ADD A NEW WORD TO THE DICTIONARY

If the ? character appears after the word, the word you intended to write is not in the phone's dictionary. To add a new or unique word to the dictionary:

- 1 Press  repeatedly until **Spell** appears in place of **Options**.
- 2 Press **Spell** and enter the word(s) using standard text input.
- 3 Press **OK** to add the word(s) into your phone's memory.

# 17 Text messages

## • RECEIVE A TEXT MESSAGE

When you receive a *text message*, the phone sounds a message alert tone and the text message icon  appears in addition to one of the following messages:

- **Message received** – an unread message or page. If you have more than one message or page, the appropriate number is listed before this message.

When you receive **Message received** along with **Call**, followed by a name or number, the message is a *page*.

- **New emergency message** – an emergency message or page sent by someone via the service provider. Emergency messages are sent only in situations where life or property are in immediate danger. Emergency messages are listed first and override all other messages.
- **Urgent message** – a high priority message.


### Read a text message

Text messages are shown in the order in which they were received, unless one is an emergency message (which will appear first).

- 1 Press **Menu 1-1-3** (**Menu > Messages > Text Messages > Inbox**).
- 2 Press **Read**. The first new message will be highlighted.
- 3 Press **Read** again to read the message.
- 4 Press **Options** for a list of choices you have while reading the message (see the table following this section).
- 5 Press **OK** when the option you want is highlighted.

## Choose options for a text message

When you press **Options** while reading a message, the following choices are available:

Option	What it does
Read next	Takes you to the next message.
Erase	Erases the current message.
Save	Saves this message to the Saved folder.
Use number	<p>Calls the person who sent you the text message, if their phone number is included in the message. You can also press the start key while the message is displayed to dial the number.</p> <p>If more than one number is on the screen, the numbers appear in a list. Scroll to the phone number you want to call and press .</p>
Forward	Forwards the message to another person. That person must have the appropriate message service.
Reply	Provides a screen where you can write a reply.

## Erase a message

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- 1 While reading a message, press **Options**.
- 2 Scroll to **Erase** and press **OK**.
- 3 Your phone asks you to confirm that you want to erase the message. Press **OK**.

## Save messages in the outbox

After you write a text message, it's a good idea to save it in the outbox before you send it. Then, if there is a message delivery problem, you can easily resend the message.

- 1 While writing the message, press **Options**.
- 2 Scroll to **Save** and press **OK**.

## Reply to a message


- 1 While reading a message, press **Options**.
- 2 Scroll to **Reply** and press **OK**.
- 3 Choose **As message** or **As e-mail** and press **OK**.
- 4 Enter your message and press **Options**.
- 5 Scroll to **Send**. Press **OK**. The phone displays the return number.
- 6 Edit the number as necessary or press **Send**.

## Forward a message

- 1 Press **Options**.
- 2 Scroll to **Forward** and press **OK**. The message text appears.
- 3 Edit the message if necessary, then press **Options**.
- 4 Press **Send**.
- 5 The **Number** prompt appears. Enter the recipient's phone number and press **OK**.  
OR  
Press **Search** to recall a stored name and phone number. Press **OK**.
- 6 Press **OK** again to confirm.

## • SEND TEXT MESSAGES

You can specify whether your phone sends messages as text messages or e-mail messages. To send a text message:

- 1 Press **Menu 1-1-1** (**Menu > Messages > Text messages > Write message**).
- 2 Enter your message of up to 160 characters and press **Options**.  
As you enter your message, a count of the remaining number of characters appears in the top right corner of the screen.  
If you need to exit while writing the message, press  anytime. To return, press **Menu 1-1-1** and finish writing the message.
- 3 Scroll to **Send** (or **Save** to save the message first) and press **OK**.
- 4 Enter the phone number of the person you are sending the message to (or recall it from your list of saved phone numbers) and press **OK**. **Sending message** appears.

When the message has been successfully sent, **Message sent** appears.



**Caution:** If you turn off your phone without saving the message, the message will be lost.

## • PICTURE MESSAGES

Your phone offers nine picture messages that you can use to send pictures and text to your friends and family.

Each picture message is made up of several text messages. Therefore, sending one picture message may cost more than sending one text message. Contact your service provider for pricing information.



**Note:** You can send and receive pictures only if you and the person you are sending it to are (a) using the same provider and (b) have the feature activated.

## • SEND PICTURE MESSAGES

- 1 Press **Menu 1-2 (Menu > Messages > Picture Messages)**.
- 2 Scroll to the picture you want to send. Press **Show**.  
The picture appears. To choose a different picture, press **Back**, scroll to another picture and press **Select**.
- 3 Press **Options** and scroll to **Edit Text**. Add a text message to send with the picture.  
After you enter the text, you have the option to (a) further edit the text (b) save the picture and message before sending it or (c) send the picture and message.
- 4 To send the picture and message, enter or recall the phone number and press **Send**.

### Receive picture messages

- 1 When the phone displays **Message received**, press **Show** and the picture/text will appear.  
If the picture has a message with it, you may have to scroll up or down to read the entire message.
- 2 Press **Save picture** to keep the picture message or press **Exit** to delete it.

## • WHEN YOUR PHONE'S MEMORY IS FULL

When your phone's message memory is full, one or more messages of the lowest priority are automatically deleted. These messages are usually deleted from your phone's outbox. An incoming emergency message could force a deletion from your phone's Saved folder.

If the memory is still full after deleting messages, the message **No space: message waiting** appears. Clear the notification by pressing **OK**.



# 18 E-mail messages

In addition to text messages, you can use your phone to send and receive *e-mail messages*. This means you no longer need to be at your computer to send or receive e-mail.



**Note:** E-mail messages may not be available in all wireless systems. Contact your service provider for details and availability.

## • SEND AN E-MAIL MESSAGE

- 1 Press **Menu 1-1-2 (Menu > Messages > Text messages > Write e-mail)**.



**Note:** If you have just turned on your phone, you will get a prompt asking you to enter your *e-mail gateway number*. You must obtain this number from your service provider.


- 2 At the prompt, enter your recipient's e-mail address or press **Search** to look through and select a saved e-mail address from your phone list. Press **OK**.
- 3 At the prompt, enter a subject for your e-mail message. (You are not required to enter a subject.) The subject line can be a maximum of 26 characters long. Press **OK** when you are finished.



**Note:** Predictive text is not available when entering an e-mail address or a subject line for your e-mail.

- 4 A screen will appear allowing you to enter the text of your message. Your total message, including the address and subject line, can be up to 160 characters. There is a running total of remaining characters in the top right corner of the screen.




**Tip:** You can switch between uppercase and lowercase standard text input and uppercase and lowercase predictive text input by repeatedly pressing .

- 5 After you finish entering the text of your e-mail, press **Options** and

scroll to **Send**. Press **OK** to send immediately.

If your message was sent successfully, you will get a confirmation saying **Message Sent**.

## • RECEIVE AN E-MAIL MESSAGE

When you receive an e-mail message, the phone sounds a message alert tone and the text message icon  appears, along with one of the following messages:

- **Message received** – indicates an unread e-mail message, text message or page. If you have more than one new e-mail message, text message or page, the appropriate number is listed before this message.
- **New emergency message** – means that an emergency message or page was sent by someone via the service provider. Emergency messages are sent only in situations where life or property are in immediate danger. Emergency messages are listed first and override all other messages.
- **Urgent** – means the message has a high priority.

### Read an e-mail message

- 1 When you receive an e-mail message, press **Read**.

The **Inbox** appears with the new e-mail message selected.

OR

From the Start screen, press **Menu 1-1-3 (Menu > Messages > Text messages > Inbox)**. Select the e-mail message and press **Read**.

- 2 Press **Read** again to read the e-mail message.

3 You have the following **Options** while reading your e-mail message:

Option	What it does
Read next	Takes you to the next e-mail message.
Erase	Erases the current e-mail message.
Save	Saves this e-mail message to the Saved folder.
Use number	Calls the person who sent you the e-mail message, if their phone number is included in the message. You can also press <b>Start</b> while the message is displayed to dial the number. If more than one number is on the screen, the numbers appear in a list. Scroll to the phone number you want to call and press <b>Start</b> .
Forward	Forwards the e-mail message to another person. That person must have the appropriate message service.
Reply	Provides a screen where you can write a reply.

4 Scroll to the option you want. Press **OK**.

In your inbox, e-mail messages are shown in the order in which they were received unless one is an emergency message. An emergency message overrides any order and appears first.

## • REPLY TO OR FORWARD AN E-MAIL MESSAGE

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**Note:** If you have just turned on your phone, a prompt will appear asking you to enter your **e-mail gateway number**. You must obtain this number from your service provider.

- 1 If the message is not on the screen, press **Menu 1-1-3 (Menu > Message > Text messages > Inbox)**.

- 2 Scroll to the message you received and press **Read**.
- 3 Press **Options**, scroll to **Forward** or **Reply** and press **OK**.
- 4 Scroll to **As e-mail** and press **Select**.  
If forwarding an e-mail message, go on to step 5. If replying to an e-mail message, skip to step 6.
- 5 Enter the recipient's e-mail address or press **Search** to find the name/ e-mail address that you have already saved in your phone book. Scroll to the name/address and press **OK**.
- 6 At the prompt, enter a subject and press **OK**.  
You can leave the subject line blank if you wish.
- 7 When the message box opens, enter your reply or any message you want to add when you forward the mail.
- 8 When you finish your message, press **Options**, scroll to **Send**, and press **OK**.



## • SAVE E-MAIL ADDRESSES

You can add an e-mail address to a name that is already saved in your phone book or you can add a name and e-mail address as a new entry.

- 1 At the Start screen, press **Names**. The **Name** menu will open and **Search** will be highlighted.
- 2 Press **Select** and enter the first two letters of the name you want to find and press **OK**. The choices starting with those letters will appear on the screen.
- 3 Scroll up or down to your choice and press **Details** (if the **Name list** view is selected in your phone book). Choose **Options**, scroll to **e-mail address**, and press **Select**.
- 4 The **e-mail address** prompt opens. Enter the address.  
Press  once to insert a dot. Press  6 times to insert the @ sign.
- 5 After the address is entered, press **OK**.

The message **Saved** appears briefly, confirming your action.

## Add a new e-mail address

- 1 At the **Start** screen, press **Names**, scroll to **Add new** and press **Select**.
- 2 At the **Name** prompt, enter the name and press **OK**.
- 3 At the **Number** prompt, enter the phone number and press **OK**. The message **Saved** appears briefly, confirming your action.
- 4 Press **Details** and then **Options**. Scroll to **e-mail address** and press **Select**.
- 5 At the **e-mail address** prompt, enter the recipient's e-mail address. Press  once to insert a dot. Press  6 times to insert the @ sign. Press **OK** when you are finished. The message **Saved** appears briefly, confirming your action.

## Edit an e-mail address

- 1 Follow steps 1 through 3 in "Save e-mail addresses" on page 89.
- 2 Enter any changes, using the scroll keys to move the insertion point backward and forward in the address. When the address is the way you want it, press **OK**.

The message **Saved** appears briefly, confirming your action.

# 19 Personal digital assistant

Your phone also can be used to wake you up in the morning and remind you of meetings, birthdays, and tasks. You can check the current time, calculate a tip at dinner and convert currencies.

## • CALENDAR

The calendar keeps track of birthdays, meetings, reminders and calls you need to make. It can even sound an alarm when it's time for you to make a call or go to a meeting.



### View the calendar

- 1 Press **Menu 8** (**Menu** > **Calendar** > **Options**).

If the date has not been set, the phone prompts you to do so using a **mm/dd/yyyy** format.

For example: For May 4, 2002, type 05042002 . The numbers you enter will overwrite existing numbers.

- 2 Press **OK**. The current day and date appear.

### Move from day to day

#### OPTION 1

After you set the internal date on the phone, whenever you press Menu 8, your phone displays the current date and day. You can then use the scroll key to move forward or backward through the calendar.

#### OPTION 2

- 1 Press **Menu 8** to get to the current day.
- 2 Press **Options** and scroll down to **Go to date**. Press **Select**.
- 3 Enter the desired date using **mm/dd/yyyy** format and press **OK**.

## Notes

This calendar option allows you to make, view and edit notes for a selected day. You can also set an alarm for any note.

### MAKE NOTE

With this option, you can make notes for Birthdays, Reminders, Calls and Meetings. Your phone will ask you for specific information depending on the option you choose.

- 1 Press **Menu 8** to move to the calendar settings.
- 2 Press **Options** and scroll to **Make note**. Press **Select**.
- 3 Scroll to the desired note type (for example, **Reminder**) and press **OK**.
- 4 Enter a subject for the reminder and press **OK**.
- 5 Enter the date for the reminder in **mmddyyyy** format and press **OK**.
- 6 When **Set an alarm for the note?** appears, choose **Yes** or **No**.

If you choose **Yes**:

- Enter the date for the alarm, then press **OK**.
- Enter the time for the alarm, then press **OK**.
- Choose **am** or **pm**, and press **OK**. **Calendar note saved** appears briefly and the current day's calendar screen reappears.

If you choose **No**, **Calendar note saved** appears briefly and the current day's calendar screen reappears.

When you set calendar notes for the displayed date, the appropriate icon(s) appears in the lower right-hand corner of the screen:



Birthday



Reminder



Call



Meeting

## VIEW ALL NOTES

This option lets you scroll through all stored notes. Birthday notes appear first in chronological order, followed by other notes, also in chronological order.

## ERASE NOTES

- 1 Scroll to **Erase notes** and press **Select**.
- 2 Scroll to **Of chosen day**, **One by one**, or **All at once** then press **OK**.

**Of chosen day** – displays each note for the current day so you can delete the notes individually. Press **Erase** to delete the note or press the scroll keys to view other notes.

**One by one** – displays notes in chronological order, with birthdays first, so you can delete them individually. Use the scroll keys to view the notes and press **Erase** to delete ones you no longer need.

**All at once** – allows you to delete *all* calendar notes at once. The phone asks you to confirm your decision before erasing the notes.

## Calendar alarm

When a calendar alarm goes off, you can:

- Press **OK** to silence the alarm.  
OR
- Press **Postpone** and **Alarm postponed for 10 min.** appears. After 10 minutes, the alarm goes off again and you can either press **Postpone** again or press **OK** to stop the alarm.



**Note:** The alarm can be postponed in increments of 10 minutes for up to 90 minutes.



## Send or receive calendar notes

When someone sends you a calendar note, your phone displays **Calendar note received**. You can save the note in your calendar and work with it in the same way as any other note in your calendar, including setting an alarm.

### SEND A CALENDAR NOTE

You can send a note you have created to another phone user (if the person has a phone that can receive calendar notes).

- 1 Press **Menu 8 (Menu > Calendar)**. Press **Options**.
- 2 Press **View all** and **Select**. Scroll to select the note you want to send.
- 3 Press **Options**, scroll to **Send note** and press **OK**.
- 4 At the **Number** prompt, enter the number to send the note.

If the number is in your phone book, enter the name and press **Search** to find the number and press **OK**.

- 5 Press **Send** to send your message.

### RECEIVE A CALENDAR NOTE



**Caution:** If you press **Exit**, the calendar note will be deleted!

- 1 When your phone shows **Calendar note received**, press **Options**. **Show** is selected.
- 2 Press **OK** and scroll through the note to read it.

### SAVE A RECEIVED CALENDAR NOTE

- 1 After viewing the calendar note, press **Back**.
- 2 Scroll to **Save** and press **OK**.

### DISCARD VIEWED CALENDAR NOTES

After viewing the calendar note:

- 1 Press **Back**. Scroll to **Discard** and press **OK**.

## • SEND AND RECEIVE BUSINESS CARDS

Your phone can send or receive electronic “business cards” consisting of a name and phone number. You can save received business cards in your phone book.

### Send a business card

- 1 Find the name in your phone book.
- 2 Press **Options** and scroll to **Send bus. card**.
- 3 Press **Select**.
- 4 Enter or recall the phone number to which you want to send the business card and press **Send**.

### View a received business card

When you receive a business card, the phone displays **Business card received**.



**Caution:** If you press **Exit** at any time before saving the business card, the business card will be deleted.

- 1 When your phone displays **Business card received**, press **Options**.
- 2 **Show** is selected. Press **OK**.
- 3 Scroll through the available information.

### Save a viewed business card

- 1 After viewing the business card, press **Back**, scroll to **Save** and press **OK**.
- 2 At the **Name:** prompt, edit the name if desired, then press **OK**.
- 3 At the **Number:** prompt, edit the number if desired, then press **OK**.

## Delete a viewed business card

After viewing the business card:

Press **Back** and then press **Exit**.

OR

Press **Discard** and then press **OK**.

## • DOWNLOAD RINGING TONES

You can download up to five ringing tones to replace the personal entries in your list of ringing tones. For details about this service, please contact your wireless service provider.

### Notification of received ringing tones.

If you have this service and your phone receives a downloaded ringing tone, your phone displays **Ring tone received**.

### Listen to received ringing tones

- 1 When your phone shows **Ring tone received**, press **Options**.
- 2 **Playback** is selected. Press **OK**.  
The phone plays the ringing tone.

### Save received ringing tones

- 1 After listening to the ringing tone, press **Back**.
- 2 Scroll to **Save tone**. Press **OK**.
- 3 Choose which ringing tone you want to replace – either an empty Personal placeholder, if any are remaining, or a previously downloaded tone.

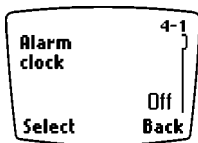


**Caution:** If you press **Exit** at any time before saving the ringing tone, the ringing tone will be deleted.

## • ALARM CLOCK

The alarm clock operates off your phone's internal clock and sounds an alert at a time you specify. It even works if your phone is turned off.

The alarm clock's volume is determined by the current ringing volume and tone settings. If you have selected the **Silent** or **Beep once** ringing tone, then your alarm clock quietly beeps once. Your phone will also vibrate if you've activated this feature in the current profile.



**Warning:** Do not switch on the phone where wireless phone use is prohibited or where it might cause interference or danger.

### Set the alarm clock

- 1 Press **Menu 4-1-2** (**Settings > Alarm clock > Set alarm time**).
- 2 Enter the desired alarm time in the **hh:mm** format and press **OK**.  
Any existing numbers are replaced with the newly entered numbers.
- 3 Select either **am** or **pm** and press **OK**.

The **Alarm on** message appears on the screen as a reminder.



**Note:** Step 3 appears *only* if you have selected the am/pm format.

The profile which produces the loudest volume from the alarm clock is **Normal** or **Outdoor** (unless you have modified the profiles from their original settings). If you have selected the **Silent** or **Meeting** profile, your alarm beeps only once.

### Turn off the alarm when it rings

When the alarm rings you can:

- Press **Stop** to shut off the alarm.
- Press **Snooze** to set the alarm to go off again in 10 minutes.

If the phone is turned off, it will switch itself on at alarm time and the alarm will sound. If you press **Stop**, the phone displays **Keep the phone on?** Press **Yes** to keep it on or **No** to switch it off.

If you let the alarm ring for 1 minute or more without pressing a key, it stops ringing, waits 10 minutes and rings again. This continues until you press **Stop**.

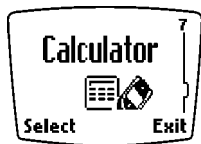
## Turn off the alarm clock function

To turn off the alarm function:


- 1 Press **Menu 4-1 (Menu > Settings > Alarm clock)**.
- 2 Scroll to **Off** and press **OK**.

## • CALCULATOR

Your phone's calculator adds, subtracts, multiplies, divides and converts currencies.



### Use the calculator

- 1 Press **Menu 7 (Menu > Calculator)**.
- 2 Enter the first number in the calculation. To enter a decimal point, press . Press **Clear** to erase any mistakes.
- 3 Press **Options** and scroll to **Add, Subtract, Multiply, Divide**. Press **OK**.



**Tip:** Based upon the type of calculation, you also can use the following shortcut keys:

If you want to...	Press...
add	* (for + symbol)
subtract	** twice (for - symbol)
multiply	*** (for * symbol)


If you want to...	Press...
divide	**** (for / symbol)

- 4 Enter the second number in the calculation.
- 5 Press **Options**. Scroll to **Equals** and press **OK**.
- 6 Repeat steps 2 through 5 as many times as necessary.

## Convert currency

You can use the calculator function to set an exchange rate and then calculate prices based on that exchange rate.

### SET THE EXCHANGE RATE

- 1 Press **Menu 7 (Menu > Calculator)**. Press **Options**.
- 2 Scroll to **Exchange rate** and press **OK**.
- 3 Scroll to:
  - **How many home units to a foreign unit** – allows you to enter the number of domestic units to a foreign unit.
  - **How many foreign units to a home unit** – allows you to enter the number of foreign units to a domestic unit.
- 4 Enter the appropriate exchange rate (press  to enter a decimal point) and press **OK**.  
The initial default of 1 is overwritten by any number you enter.
- 5 The **Rate saved** confirmation appears.

## CONVERT A CURRENCY AMOUNT

- 1 Press **Menu 7 (Menu > Calculator)**.
- 2 Enter the amount which you wish to convert.
- 3 Press **Options** and scroll to **To home** or **To visited**. Press OK.
  - **To home** – converts visited units of currency to *home* units using the exchange rate.
  - **To visited** – converts home units of currency to *visited* units using the exchange rate.

## 20 Fun and games

You can use your phone for communication *and* some serious fun. Your phone offers three games: **Snake II**, **Space impact**, and **Pairs II**.



**Warning:** Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger. Even when you're playing a game, the phone is active.

### • START A NEW GAME

- 1 Press **Menu 6 (Menu > Games)** and press **Select**.
- 2 Scroll to the desired game and press **Select**.
- 3 Select **New game**, and press **Select**.

Additional options under each Game include:





Option	What it does
New Game	Start a new game.
Level (Snake II and Pairs II only)	Choose the game's difficulty level.
Mazes (Snake II only)	Choose among different maze designs.
Top score	Display the top score.
Instructions	Learn how to play the game.

Please visit Nokia games services on the Internet for more hints and tips at [www.nokia.com](http://www.nokia.com).



## • SNAKE II



Feed the snake with as many goodies as possible and watch it grow. Press **Menu 6-1**.

To turn the snake toward the food, press , ,  and .


The longer the snake's tail grows, the higher your score. You can choose to have a clear field, or select from five different mazes. If the snake runs into its own tail or the surrounding wall, the game is over.

## • SPACE IMPACT

Use your weapons to survive alien attacks. When you defeat all the enemies, you progress to the next level. Press **Menu 6-2**.

To move up and down, press  and .





To move to the left and right, press  and .


To fire the main weapons, press  or .

To fire the bonus weapons, press  or .

## • PAIRS II

The object of the game is to uncover the pictures to find pairs in as few tries as possible. Press **Menu 6-3** and choose between **Time Trial** and **Puzzle**.

Move the cursor with keys , , , and .

To reveal the pictures, press .

To advance to the next level, you must match all the pairs before the dynamite fuse runs out.

# 21 Reference information

## • BATTERIES AND CHARGERS

This section provides information about the phone's batteries, accessories, and chargers. Be aware that the information in this section is subject to change as the batteries, chargers, and accessories change.

This phone is intended for use when supplied with power from the **ACP-7U** (standard travel charger), the **ACP-8U** (rapid travel charger) or the **LCH-9** (rapid cigarette lighter charger). Other usage could invalidate any approval given to this apparatus and might be dangerous.



**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.

- The battery charge indicator will show you when the battery is fully charged.
- 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 lifespan.
- If left unused, a fully charged battery will discharge itself over time.

Temperature extremes can affect the ability of your battery to charge. Therefore, allow it to cool down or warm up before trying to charge it.

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 is sounded and the phone switches itself 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 edge of the battery.

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 a guideline 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 or worn out.
- Batteries must be recycled or disposed of properly. Do not dispose of batteries by putting them in the fire!
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

## • IMPORTANT SAFETY INFORMATION

A brief overview of safety can be found in “Safety first” on page 1. This section provides additional safety information.

### Traffic safety

Do not use a handheld phone while driving. Always park the vehicle before using the phone. Always secure the phone into its holder; do not place the phone on the passenger seat or where it can break loose in a collision or during a sudden stop.

**Remember:** Safety on the road always comes first.

## Operating environment

Remember to follow any special regulations that are in force in any area and always switch off your phone wherever it is forbidden to use it. Otherwise, the use of your phone could cause interference or danger.

When connecting the phone or any accessory to another device, read the associated user guide first and obtain detailed safety instructions.



**Warning:** Do not connect incompatible accessories or products.

As with other mobile radio transmitting equipment, you are advised that, for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the phone should only be used in the normal operating position. This position is when the phone is held to your ear with the antenna pointing over your shoulder.

## Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment might not be shielded against the RF signals from your wireless phone. The following four subsections provide more information about this topic.

### PACEMAKERS

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

### PERSONS WITH PACEMAKERS:

- should always keep the phone more than six inches (20 cm) 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



**Warning:** If you have any reason to suspect that interference is taking place, switch off your phone immediately.

## HEARING AIDS

While the Nokia 8265 phone has an optional device available to assist hearing aid users (see “LPS-3 Mobile Loopset” on page 6), some digital wireless phones could interfere with some hearing aids. In the event of such interference, you might want to consult your service provider.

## OTHER MEDICAL DEVICES

Operation of any radio transmitting equipment, including cellular phones, could interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy. Also contact these authorities if you have any questions.

Switch off your phone in health care facilities or where any posted regulations instruct you to do so. Hospitals or health care facilities could be using equipment that is sensitive to external RF energy.

## VEHICLES

RF signals could improperly affect installed or inadequately shielded electronic systems in motor vehicles. These could include 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.

## POSTED FACILITIES

Be certain to switch your phone off in any facility where there are posted warnings against using cell phones.

## Potentially explosive atmospheres

Switch off your phone if you are in any area that has 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.

You are advised to switch off the phone while at a refueling point (service station). You also 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. These areas include the following: below deck on boats; chemical transfer or 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 normally be advised to turn off your vehicle engine.

## Vehicles

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

Regularly check that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts, or accessories.

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

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

Failure to observe these instructions could lead to the suspension or the denial of telephone services to the offender, or it could result in legal action, or both scenarios could apply.

## • EMERGENCY CALLS




**IMPORTANT:** This phone, like any wireless phone, operates using radio signals, wireless and landline networks and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore, you should *never* rely solely on any wireless phone for essential communications (for example, medical emergencies).

Remember, to make or receive any calls, the phone must be switched on and be used in a service area that has adequate radio signal strength. Emergency calls might not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

Always ensure that your phone is properly charged before attempting any emergency calls. If you allow your battery to become empty, you will be unable to receive or make calls, including emergency calls. You must then wait a few minutes after the charging begins to place any emergency calls.

### Make an emergency call

- 1 If the phone is not on, switch it on.
- 2 Enter the emergency number for your present location (for example, **911** or any other official emergency number—emergency numbers vary by location).
- 3 Press .

If certain features are in use (fixed dialing, restrict calls, and so on), you might first need to turn those features off before you can make an emergency call. Consult this guide and your local cellular service provider.

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

## • CERTIFICATION INFORMATION (SAR)

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. 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 organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.\* Tests for SAR are conducted using standard operating positions accepted by the FCC 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 level 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 wireless base station antenna, the lower the power output.



Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone as reported to the FCC when tested for use at the ear is 1.19 W/kg and when worn on the body, as described in this user guide, is 1.29 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements).

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of [www.fcc.gov/oet/fccid](http://www.fcc.gov/oet/fccid) after searching on FCC ID: GMLNPW-3.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the Nokia accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

\*In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of 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](http://www.nokia.com).

## • A MESSAGE FROM THE CTIA

### ***A GUIDE TO SAFE AND RESPONSIBLE WIRELESS PHONE USE***

Tens of millions of people in the U.S. today take advantage of the unique combination of convenience, safety and value delivered by the wireless telephone. Quite simply, the wireless phone gives people the powerful ability to communicate by voice--almost anywhere, anytime--with the boss, with a client, with the kids, with emergency personnel or even with the police. Each year, Americans make billions of calls from their wireless phones, and the numbers are rapidly growing.

But an important responsibility accompanies those benefits, one that every wireless phone user must uphold. When driving a car, driving is your first responsibility. A wireless phone can be an invaluable tool, but good judgment must be exercised at all times while driving a motor vehicle--whether on the phone or not.

The basic lessons are ones we all learned as teenagers. Driving requires alertness, caution and courtesy. It requires a heavy dose of basic common sense -- keep your head up, keep your eyes on the road, check your mirrors frequently and watch out for other drivers. It requires obeying all traffic signs and signals and staying within the speed limit. It means using seatbelts and requiring other passengers to do the same.

But with wireless phone use, driving safely means a little more. This brochure is a call to wireless phone users everywhere to make safety their first priority when behind the wheel of a car. Wireless telecommunications is keeping us in touch, simplifying our lives, protecting us in emergencies and providing opportunities to help others in need.

When it comes to the use of wireless phones, *safety is your most important call.*

### **Wireless Phone "Safety Tips"**

Below are safety tips to follow while driving and using a wireless phone which should be easy to remember.

- 1 Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
- 2 When available, use a hands free device. A number of hands free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.
- 3 Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- 4 Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

- 5 Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to do" list while driving a car, you are not watching where you are going. It's common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.
- 6 Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip--dial only a few numbers, check the road and your mirrors, then continue.
- 7 Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix--they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.
- 8 Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations--with your phone at your side, help is only three numbers away. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!
- 9 Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
- 10 Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you still can use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

Careless, distracted individuals and people driving irresponsibly represent a hazard to everyone on the road. Since 1984, the Cellular Telecommunications Industry Association and the wireless industry have conducted educational outreach to inform wireless phone users of their responsibilities as safe drivers and good citizens. As we approach a new century, more and more of us will take advantage of the benefits of wireless telephones. And, as we take to the roads, we all have a responsibility to drive safely.

*The wireless industry reminds you to use your phone safely when driving.*

For more information, please call 1-888-901-SAFE.

For updates: <http://www.wow-com.com/consumer/issues/driving/articles.cfm?ID=85>

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## • A MESSAGE FROM THE U.S. FOOD AND DRUG ADMINISTRATION

### *CONSUMER UPDATE ON WIRELESS PHONES*

#### 1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

#### 2. What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

### **3. What kinds of phones are the subject of this update?**

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called cell mobile or PCS phones. These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called cordless phones, which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

### **4. What are the results of the research done already?**

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

## 5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

## 6. What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

## 7. How can I find out how much radiofrequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects.

Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (<http://www.fcc.gov/oet/rfsafety>) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

## 8. What has FDA done to measure the radiofrequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques, sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

## 9. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products--and at this point we do not know that there is-- it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

## 10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

## 11. What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a accompanied hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

## 12. Where can I find additional information?

For additional information, please refer to the following resources:

- FDA web page on wireless phones  
<http://www.fda.gov/cdrh/phones/index.html>
- Federal Communications Commission (FCC) RF Safety Program  
<http://www.fcc.gov/oet/rfsafety>
- International Commission on Non-Ionizing Radiation Protection  
<http://www.icnirp.de>
- World Health Organization (WHO) International EMF Project  
<http://www.who.int/emf>
- National Radiological Protection Board (UK)  
<http://www.nrpb.org.uk/>



## 22 Maintenance & accessories

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 allow you to enjoy this product for many years.

When using your wireless phone, battery, charger or any accessory:

- 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 contain minerals that will corrode electronic circuits.
- Do not use or store the phone in dusty, dirty areas as 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 the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the electronic circuit boards.
- Do not attempt to open the phone (other than to change covers). Non-expert handling may cause damage.
- 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.
- Unauthorized antennas, modifications or attachments could damage the phone and may violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it 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, a range of accessories are available for you. You can select any of these items to help accommodate your specific communication needs. For availability of these and other compatible 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 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 could invalidate any approval or warranty applying to the phone and may be dangerous.

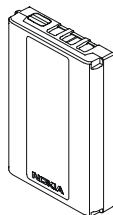
## • BATTERY

This section provides information about the phone's battery. Be aware that the information in this section is subject to change.



**Note:** This phone uses a lithium ion (Li-Ion) battery. Dispose of used batteries in accordance with any local regulations.

The tables shown in the section below provide information about the battery for your phone, charging times with the Rapid Travel Charger (ACP-8U), the Standard Travel Charger (ACP-7U), talk times and standby times. Consult your service provider for more information.



## CHARGING TIMES

Battery Option	ACP-7U Charger	ACP-8U Charger
BLB-3 1000 mAh Li-Ion	3 hrs 40 min	2 hrs 30 min

The times displayed above allow your battery to obtain a full charge. When this happens, the battery scroll bars on the right side of your phone's screen stop scrolling. You can allow another 2 hours for a "trickle" or "maintenance" charge.

## 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 and signal strength (distance between the phone and the base station)
- Network parameters defined by the operator (operation mode - analog or digital)
- Phone use (games, text messaging)
- Charging procedure used

Battery Option	Digital Talk Time	Analog Talk Time	Standby Time
BLB-3 1000 mAh Li-Ion	120 min to 200 min	60 min to 112 min	96 to 200 hrs (dig) 37 to 60 hrs (ana)

## • CHARGERS

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.

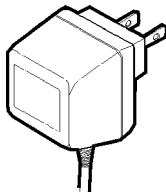


**Warning:** When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

### Standard Travel Charger (ACP-7U)

This is a lightweight (187g) and durable AC charger.

To use the Standard Travel Charger, plug it into a wall outlet and connect the lead from the charger to the base of your phone.

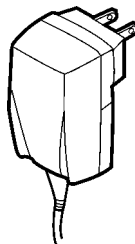


### Rapid Travel Charger (ACP-8U)

This is a lightweight (110g) and durable AC charger. Calls can be made during charging, even with a fully discharged battery.

To use the Rapid Travel Charger (ACP-8U), plug it into a standard 120V or 220V AC wall outlet and connect the lead from the charger to the base of your phone.

Approximate charging times for discharged batteries are shown in "Charging times" on page 120.



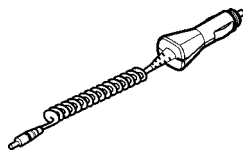
## Rapid Mobile Charger (LCH-9)

You can charge your phone's battery from your vehicle battery by using the Rapid Mobile Charger (LCH-9).

Calls are possible during charging. A green light indicates that the charger is ready for charging.

The battery charging times are approximately the same as those for the Rapid Travel Charger (ACP-8U).

The input voltage range is from 10.8 Vdc to 32 Vdc, negative grounding. Avoid prolonged charging with the Rapid Mobile Charger when the car engine is not running; this could drain your car battery. Note also that in some cars, the cigarette lighter plug is not provided with electricity if the ignition is not switched on.



## • ACCESSORIES FOR YOUR PHONE

The following Nokia accessories are approved for use with your phone:

- Headset (HDE-2 / HDB-5)
- Express Car Kit (CARK-141)
- Mobile Holder (MBD-11)
- Leather carry case (CSL-22 / CSL-23)

## • NOKIA XPRESS-ON™ COLOR COVERS

Your phone's Xpress-on™ cover is available in several fashion colors such as:

- Blue (SKR-196)
- Purple (SKR-197)
- Pink (SKR-198)
- Orange (SKR-199)

Xpress-on™ covers may be purchased from your authorized Nokia dealer.

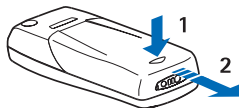


**Warning:** Before changing the cover, always switch off the power and disconnect the phone from the charger or any other device. Always store and use the phone with the covers attached.

### REMOVE THE BACK COVER

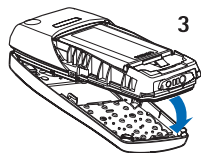
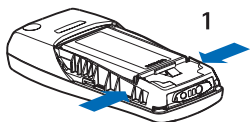
Switch off the power. Disconnect the phone from the charger or any other device.

- 1 Push the release button on the back cover.
- 2 Slide the cover downward and lift off.



### REMOVE THE FRONT COVER

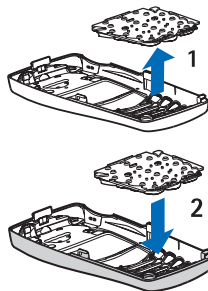
- 1 With the phone face down, hold the finger rests on each side of the phone.
- 2 Place your fingers on the groove between the phone and the cover.
- 3 Gently pry the front cover away from the phone and lift the cover off the phone.



**Warning:** When the front cover is off the phone, be careful not to damage the phone's screen face or the rubber gasket around it.

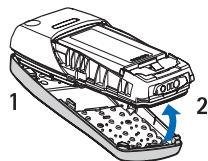
## REMOVE AND REPLACE THE KEYPAD

- 1 Lift the keypad from the inside of the front cover.
- 2 Place the keypad into the new front cover and press into place.



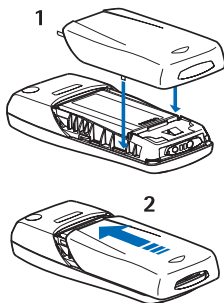
## REPLACE THE FRONT COVER

- 1 Slide the top of the phone into the top of the front cover. Be careful to align the power key and the keypad with their proper openings in the front cover.
- 2 Gently push the bottom of the phone into the bottom of the front cover until it clicks into place.



## REPLACE THE BACK COVER

- 1 Insert the two catches of the back cover in the corresponding slots in the phone.
- 2 Slide the cover towards the bottom of the phone until it locks into place.








## 23 Troubleshooting

This section lists and answers many of the questions phone users most frequently ask.

Problem	Possible cause	Possible solution
My phone isn't charging.	The charger and the phone are not properly connected.	Securely connect the charger to the phone.
	The charger is not properly plugged in.	Ensure that the charger is plugged in correctly.
My phone isn't making or answering calls.	The battery is not charged.	Charge the battery.
	The signal strength is too low.	If you are indoors, move toward a window.
I can't listen to my voice messages.	You don't have voice mail service.	This is a provider dependent feature. Please call your wireless service provider.
	You have not set up your voice mailbox with your service provider.	
	The voice mail number you have saved is incorrect.	
	You have forgotten your password or are entering in incorrectly.	
	Your voice mail number is not saved in the phone.	Refer to "Set up your voice mailbox" on page 35.



- Q. **What if my phone is lost or stolen?**
- A. Contact your service provider immediately.
- Q. **Does the phone have to be turned on in order for me to receive a call?**
- A. Yes; however, even with the phone off, your caller can leave a voice mail (if you have activated that service with your wireless provider).
- Q. **How do I turn off the ringer when I'm in a meeting or don't want to be disturbed?**
- A. Briefly press the power key until the main menu appears and scroll to **Silent**. Press **OK**.
- Q. **How do I keep others from using my phone to make unauthorized calls?**
- Your phone has a four-digit lock code that lets you prevent others from using your phone. *The default lock code is 1234.* Nokia recommends that you change this code immediately. For more detail on this feature, see "Phone lock" on page 69.
- Q. **How do I keep others from changing important settings on my phone?**
- A. Your phone has a five-digit default security code which controls access to certain phone feature settings. *The default security code is 12345.* Nokia recommends that you change this code immediately.
- Q. **How do I keep from accidentally pressing the keys?**
- A. To prevent accidental key presses, press and hold  or press **Menu**  to lock the keypad. Please remember that this does not prevent misuse of the phone.
- To unlock the keypad, press **Unlock** and .
- Q. **If I have locked the keypad or activated the phone lock, how do I quickly answer an incoming call?**

- A. To answer the call, simply press  and answer the call. When you are finished with the call, press .
- Q. How do I make the ringing volume louder?**
- A. Press **Menu 3-1-2-2 (Menu > Profiles > Normal > Customize > Ringing volume)**. Scroll to the desired volume level and press **OK**.
- Q. How do I change the ringing tone?**
- A. Press **Menu 3 (Menu > Profiles)** and scroll through the list of profiles until you find the one for which you want to set the ringing tone. Press **Options**.
- Scroll to **Customize** and press **OK**.
  - Scroll to **Ringing tone**. Press **Select**.
  - Scroll through the options. After you hear the tone you want to use, press **OK**.
- Q. How do I store my voice mailbox number?**
- A. Press **Menu 1-3-2 (Menu > Messages > Voice Messages > Voice mailbox number)**. Enter your voice mailbox phone number and press **OK**. The number is saved. Then the following message appears: **Save hidden voice mailbox password?** Press **Yes** to save this number.
- If your phone number changes, you will have to save a new voice mailbox number.
- Q. How do I call my voice mailbox number (retrieve voice messages)?**
- A. When your phone alerts you to new voice messages, press **Listen** and follow the instructions on the phone. Press **Exit** to listen at a later time.
- To return and listen to your voice messages, perform one of the following actions:
- Press and hold .

OR

- Press **Menu 1-3-1 (Messages > Voice messages > Listen to voice messages)**. The message **Calling voice mailbox** appears on the screen. Follow the prompts to access your messages.

**Q. How do I find my phone's model number and ESN (electronic serial number)?**

- A. The model number and ESN numbers are located on a label under the phone's battery. Turn your phone off, remove the back cover and then remove the battery from the phone.

**Q. How do I redial the last-dialed number.**

- A. Press  twice, quickly.

**Q. How do I assign a key to 1-touch dialing?**

- A. Press **Names** and scroll to **1-touch dialing** and press **Select**.

Scroll to the first key number that includes the message (**empty**) and press **Assign**. Scroll to the name or number to be assigned this key and press **Select**.

Repeat these steps as many times as necessary. You can assign numbers 2 through 8 as 1-touch numbers.

**Q. How do I find out how many memory locations are in the phone?**

- A. Press **Names** and scroll to **Options**. Press **Select**. Scroll to **Memory status** and press **Select** again.

A message appears that says **Phone: xx free, xx in use** where xx indicates the amount of memory locations.

**Q. How can I change the contrast of my phone's display?**

- A. The contrast of your phone's display is fixed and cannot be changed.

**Q. How do I clear my call timers?**

- A. **WARNING:** The clearing of call timers *cannot* be undone. Press **Menu 2-5-5 (Call log > Call timers > Clear timers)**. Press **OK**.

At the **Security code** prompt, enter your five-digit security code and press **OK**.

- Q. How can I download a custom ringing tone?**
- A. This is a provider dependent feature. Please contact your service provider for more information.

## 24 Technical information

24

Feature	Specification
Weight	3.8 oz (BLB-3 1000 mAh Li-Ion)
Size	88 cc
Frequency Range	Lowband 824.04 - 848.97 MHz (TX) 869.04 - 893.97 MHz (RX) Highband 1850.04 - 1909.92 MHz (TX) 1930.08 - 1989.96 MHz (RX)
Transmitter Output Power	Up to 600mW
Battery Voltage	3.6 V nominal
Operating Temperature	-4°F to + 104°F (-20°C to + 40°C)
Number of Channels	832 lowband 1997 highband
Phone numbers	3
Memory Locations	250
Memory Capacity	Alpha: 22 digits per location Numeric: 28 digits per location

# 25 NOKIA One Year Limited Warranty

25

Nokia Inc. (“Nokia”) warrants that this cellular phone (“Product”) is free from defects in material and workmanship that result in Product failure during normal usage, according to the following terms and conditions:

- 1 The limited warranty for the Product extends for ONE (1) year beginning on the date of the purchase of the Product. This one year period is extended by each whole day that the Product is out of your possession for repair under this warranty.
- 2 The limited warranty extends only to the original purchaser (“Consumer”) of the Product and is not assignable or transferable to any subsequent purchaser/end-user.
- 3 The limited warranty extends only to Consumers who purchase the Product in the United States of America.
- 4 During the limited warranty period, Nokia will repair, or replace, at Nokia’s sole option, any defective parts, or any parts that will not properly operate for their intended use with new or refurbished replacement items if such repair or replacement is needed because of product malfunction or failure during normal usage. No charge will be made to the Consumer for any such parts. Nokia will also pay for the labor charges incurred by Nokia in repairing or replacing the defective parts. The limited warranty does not cover defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts. Nokia’s limit of liability under the limited warranty shall be the actual cash value of the Product at the time the Consumer returns the Product for repair, determined by the price paid by the Consumer for the Product less a reasonable amount for usage. Nokia shall not be liable for any other losses or damages. These remedies are the Consumer’s exclusive remedies for breach of warranty.

- 5 Upon request from Nokia, the Consumer must prove the date of the original purchase of the Product by a dated bill of sale or dated itemized receipt.
- 6 The Consumer shall bear the cost of shipping the Product to Nokia in Melbourne, Florida. Nokia shall bear the cost of shipping the Product back to the Consumer after the completion of service under this limited warranty.
- 7 The Consumer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:
  - a) The Product has been subjected to abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of Nokia, including damage caused by shipping.
  - b) The Product has been damaged from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake or damage from exposure to weather conditions, an Act of God, or battery leakage, theft, blown fuse, or improper use of any electrical source, damage caused by computer or internet viruses, bugs, worms, Trojan Horses, cancelbots or damage caused by the connection to other products not recommended for interconnection by Nokia.
  - c) Nokia was not advised in writing by the Consumer of the alleged defect or malfunction of the Product within fourteen (14) days after the expiration of the applicable limited warranty period.
  - d) The Product serial number plate or the accessory data code has been removed, defaced or altered.
  - e) The defect or damage was caused by the defective function of the cellular system or by inadequate signal reception by the external antenna, or viruses or other software problems introduced into the Product.

- 8 Nokia does not warrant uninterrupted or error-free operation of the Product. If a problem develops during the limited warranty period, the Consumer shall take the following step-by-step procedure:
- a) The Consumer shall return the Product to the place of purchase for repair or replacement processing.
  - b) If "a" is not convenient because of distance (more than 50 miles) or for other good cause, the Consumer shall ship the Product prepaid and insured to:  
Nokia Inc., Attn: Repair Department  
795 West Nasa Blvd.  
Melbourne, FL 32901
  - c) The Consumer shall include a return address, daytime phone number and/or fax number, complete description of the problem, proof of purchase and service agreement (if applicable). Expenses related to removing the Product from an installation are not covered under this limited warranty.
  - d) The Consumer will be billed for any parts or labor charges not covered by this limited warranty. The Consumer will be responsible for any expenses related to reinstallation of the Product.
  - e) Nokia will repair the Product under the limited warranty within 30 days after receipt of the Product. If Nokia cannot perform repairs covered under this limited warranty within 30 days, or after a reasonable number of attempts to repair the same defect, Nokia at its option, will provide a replacement Product or refund the purchase price of the Product less a reasonable amount for usage. In some states the Consumer may have the right to a loaner if the repair of the Product takes more than ten (10) days. Please contact the Customer Service Center at Nokia at the telephone number listed at the end of this warranty if you need a loaner and the repair of the Product has taken or is estimated to take more than ten (10) days.



- f) If the Product is returned during the limited warranty period, but the problem with the Product is not covered under the terms and conditions of this limited warranty, the Consumer will be notified and given an estimate of the charges the Consumer must pay to have the Product repaired, with all shipping charges billed to the Consumer. If the estimate is refused, the Product will be returned freight collect. If the Product is returned after the expiration of the limited warranty period, Nokia's normal service policies shall apply and the Consumer will be responsible for all shipping charges.
- 9 You (the Consumer) understand that the product may consist of refurbished equipment that contains used components, some of which have been reprocessed. The used components comply with Product performance and reliability specifications.
- 10 ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR USE, SHALL BE LIMITED TO THE DURATION OF THE FOREGOING LIMITED WRITTEN WARRANTY. OTHERWISE, THE FOREGOING LIMITED WARRANTY IS THE CONSUMER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. NOKIA SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OF SAVINGS OR REVENUE, LOSS OF DATA, PUNITIVE DAMAGES, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT OR FACILITIES, DOWNTIME, THE CLAIMS OF ANY THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY, RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL OR EQUITABLE THEORY, EVEN IF NOKIA KNEW OF THE LIKELIHOOD OF SUCH DAMAGES. NOKIA SHALL NOT BE LIABLE FOR DELAY IN RENDERING SERVICE UNDER THE LIMITED WARRANTY, OR LOSS OF USE DURING THE PERIOD THAT THE PRODUCT IS BEING REPAIRED.

- 11 Some states do not allow limitation of how long an implied warranty lasts, so the one year warranty limitation may not apply to you (the Consumer). Some states do not allow the exclusion or limitation of incidental and consequential damages, so certain of the above limitations or exclusions may not apply to you (the Consumer). This limited warranty gives the Consumer specific legal rights and the Consumer may also have other rights which vary from state to state.
- 12 Nokia neither assumes nor authorizes any authorized service center or any other person or entity to assume for it any other obligation or liability beyond that which is expressly provided for in this limited warranty including the provider or seller of any extended warranty or service agreement.
- 13 This is the entire warranty between the Nokia and the Consumer, and supersedes all prior and contemporaneous agreements or understandings, oral or written, relating to the Product, and no representation, promise or condition not contained herein shall modify these terms.
- 14 This limited warranty allocates the risk of failure of the Product between the Consumer and Nokia. The allocation is recognized by the Consumer and is reflected in the purchase price.
- 15 Any action or lawsuit for breach of warranty must be commenced within eighteen (18) months following purchase of the Product.
- 16 Questions concerning this limited warranty may be directed to:  
Nokia Inc.  
Attn: Customer Service  
7725 Woodland Center Blvd., Ste. 150  
Tampa, FL 33614  
Telephone: 1-888-NOKIA-2U (1-888-665-4228)  
Facsimile: (813) 287-6612  
TTY/TDD Users Only: 1-800-24-NOKIA (1-800-246-6452)
- 17 The limited warranty period for Nokia supplied attachments and accessories is specifically defined within their own warranty cards and packaging.

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Notes:

Para obtener un manual del usuario en español favor de  
llamar o enviar un fax al teléfono 1-888-NOKIA2U,  
fax 813-249-9619.

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