

Nokia 8265 User Guide

Phone Notes

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



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

Legal information

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



The information contained in this user guide was written for Nokia phone 8265. The right to make changes and improvements to any of the products described in this guide without prior notice is reserved.

Export Controls

This product contains commodities, technology or software exported from the United States in accordance with the Export Administration regulations. Diversion contrary to U.S. law is prohibited.

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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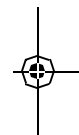
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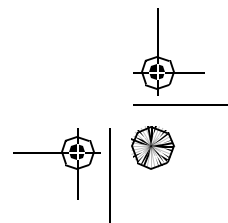
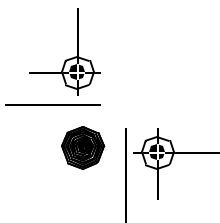
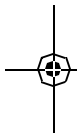
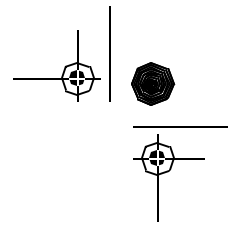
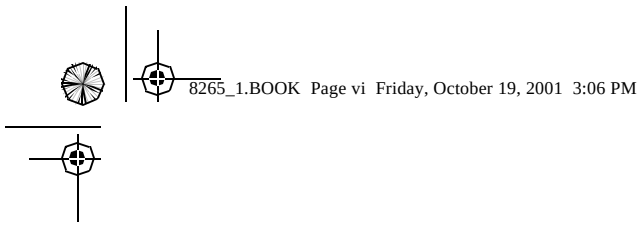


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*Safety first***1**

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 120.

Following are important safety precautions for phone use.



Switch off phone when use 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 wireless 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.

1



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, then press . Give your location. Do not end the call until told to do so.

Note: If the emergency key 9 feature is activated, you can press and hold the 9 key to make an emergency call.



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

Equipment must be installed or repaired only by qualified service personnel.



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, then press . To end a call, press . To answer a call, press .

Welcome

2

2 Welcome

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

Nokia recommends that you read this chapter before you use your new phone. You will find useful information about:

- How to use this guide
- Cellular network services
- How to contact Nokia



• 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 Menu** means to press the key located below the word Menu on the phone's screen (.
- **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.
- **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 the left selection key (.



2

Notice text conventions

This user guide provides text clues to help make instructions clear and easy to follow. These clues are called conventions.

Convention	What it means
bold	The word or phrase appears on the phone's screen.
bold and blue	The word is an address on the World Wide Web.
bold, blue, and italic	A definition for the word or phrase appears in the glossary. Refer to "Glossary" on page 137.
<i>italic</i>	Italics indicate emphasis. Pay close attention to any information in italics.



Follow graphic clues

This guide uses icons (small pictures) to alert you to important information.



Tip: Provides information about a shortcut or an alternate method for performing an action.



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



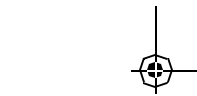
Important: Alerts you to information critical to using a feature correctly.



Caution: Warns you when you may lose information.



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



*Welcome***2**

Look for updates

From time to time, Nokia updates this user guide to reflect changes or corrections. The latest version may be available at the Nokia site on the World Wide Web (www):

<http://www.nokia.com>

- 1 On the home page, click Nokia Phones, scroll to the section about your phone, and click Phone details.
- 2 Click an item to download the user guide, quick guide, or interactive guide (if available).

An interactive user guide that provides step-by-step instructions for any of your phone features is available at:

<http://www.nokiahowto.com>

• UNDERSTAND WIRELESS NETWORK SERVICES

A wireless network service provides the connections you need to use your mobile phone. The network also can give you access to special wireless services, including:



- Voice mail and voice privacy
- Call waiting, call forwarding, and caller ID
- Text messages
- Ability to send your own number
- News and information services
- Selected Internet access services

Sign up with a service provider

Before you can take advantage of any of the network services, you must sign up with a wireless service provider. Your service provider will make available descriptions of its services and instructions for using them.

Make sure your provider offers the services you need.



2

Before you sign up, make sure that your provider offers the services you want because wireless network providers do not offer the same type of services. For example, some networks may not support all language-dependent characters.

• FIND INFORMATION ABOUT YOUR PHONE

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

Nokia recommends that you record this information in the Phone notes table on the first page of this guide.



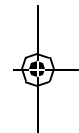
• CONTACT NOKIA

When you need help, the Nokia Customer Service department can provide information about Nokia products.

Have the right information available

We recommend that you have the following information available before contacting the Nokia Customer Service department:

- Your model number: 8265
- ESN (Electronic serial number). Refer to the type label located under the battery inside the phone's back cover.
- Your ZIP code



*Welcome***2**

Have the phone or accessory available

Whether calling about your phone or an accessory, have the equipment with you when you call. If a Nokia representative asks a specific question about the product, it will be available for quick reference.

Nokia Customer Care Center, USA	Customer Service, Canada
Nokia Mobile Phones, Inc. 7725 Woodland Center Boulevard, Suite #150 Tampa, Florida 33614 Tel: 1-888-NOKIA-2U (1-888-665-4228) Fax: 1-813-249-9619	Nokia Products Ltd. 575 Westney Rd. South Ajax, Ontario L1S 4N7 Tel: 1-888-22-NOKIA (1-888-226-6542) Fax: 1-905-427-1070

• CONTACT YOUR SERVICE PROVIDER

Some service providers program a one-key customer support number into the phone. This number can be useful if you're having trouble dialing a number, especially when you're traveling outside your home area.

This one-key feature might not be available on your system. Contact your service provider for availability.

When you need to get in touch with your wireless service provider:

- Press and hold the  key (or the key that your service provider instructed you to use) for 2 seconds.
- Your phone will automatically dial the provider's customer support number if your provider offers this feature.

If your service provider determines that the problem is Nokia-related, the provider's representative will direct you to the Nokia Customer Care Center (USA), or Nokia Customer Service (Canada).



2

• LEARN ABOUT ACCESSIBILITY SOLUTIONS

Nokia is committed to making mobile phones easy to use for all individuals, including those with disabilities. Nokia maintains a site on the World Wide Web 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 Nokia web site at:

<http://www.nokiaaccessibility.com>

Accessible features

The 8265 has many accessible features, including:

- Nibs are on the  key for quick reference to the keypad
- Tactile feedback when a you press a key
- Adjustable display contrast
- Ability to send and receive short text messages
- Convenience of one-touch dialing
- Vibrating alert for incoming calls and messages

LPS-3 Mobile Inductive Loopset

The LPS-3 Loopset is a Nokia accessory designed to make the 8200 series phone more accessible to hearing-aid users. The LPS-3 Loopset is also compatible with the Nokia 3300 and 8800 series digital phones.

The Nokia Loopset gives hearing-impaired wireless customers clear access to digital telephony for the first time. With the loopset, people who use a T-coil equipped hearing aid can make and receive calls without noise interference.

*Welcome***2**

HOW THE LOOPSET WORKS

The LPS-3 Loopset uses inductive technology to transmit sound to a hearing aid equipped with a T-coil. With inductive technology, 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.



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

Alternate format user guides

This user guide is available in alternate formats:

- Braille
- Large print
- Audiocassette
- E-text (electronic documents on a 3.5-inch disk, in Microsoft Word or WordPerfect format).

To request any format, call Nokia Customer Care:

Customer Care Center	Hearing-impaired, TTY
Tel: 1-888-NOKIA-2U (1-888-665-4228) Fax: 1-813-249-9619	Tel: 1-800-24-NOKIA (1-888-246-6542)



3

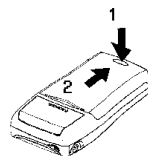
3 Phone setup

• INSTALL THE BATTERY

First step, remove the back cover

To insert or remove the battery, remove the phone's back cover.

- 1 Press down on the tab on the bottom of the cover.
- 2 Slide the cover down and lift it off.



Next step, insert the battery

Before you can use your phone, you must 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 secure in place.



Last step, replace the back cover

- 1 Place the cover on top of the battery so that none of the battery is showing.
- 2 Slide the cover up until it clicks into place.

• CHARGE THE BATTERY

Before you use your phone, you need to charge it.

- 1 Connect the lead from the charger to the bottom of the phone.
- 2 Connect the charger to an AC wall outlet.



*Phone setup***3**

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 diagram on page 17).

- You can use the phone while the battery is charging.



Important: If the phone becomes hot while you're making a call, disconnect your phone from the charger.

- If the battery is discharged, it will take a few minutes before the charging indicator appears on the screen. The time it takes to charge the battery depends on the charger you use.
- The battery is fully charged when the battery indicator bar stops scrolling and the battery full message appears (if the phone is on).

3 Disconnect the charger from the AC outlet and the phone.

When the charger is not in use

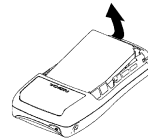
When the charger is not in use, disconnect it from the power source.

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.

• REMOVE THE BATTERY

To remove the battery:

- 1 Make sure the phone is off.
- 2 Remove the phone's back cover.
- 3 Grasp the ridge at the base of the battery and lift it out.

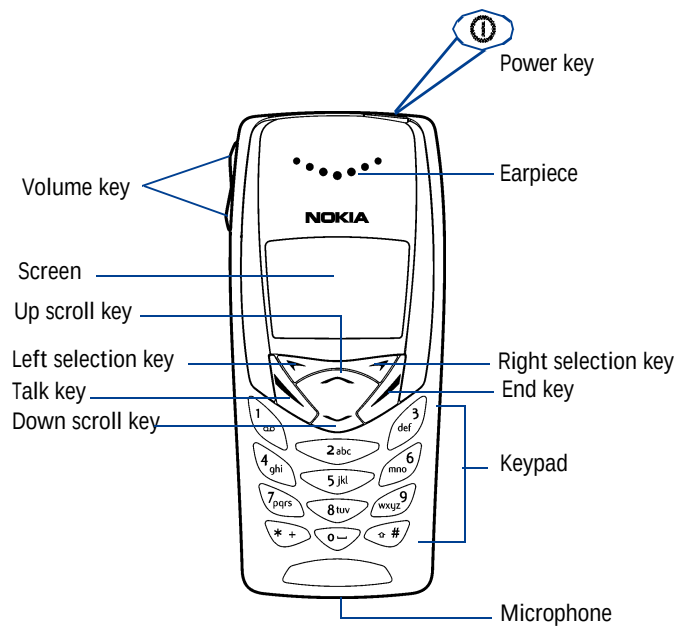


4

4 Phone basics

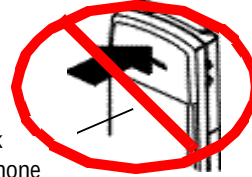
This section gives a brief introduction to the phone and shows quick steps for making, answering, and managing your calls. The rest of this guide provides complete details on phone use.

- 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.



Back
of phone



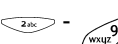
Note: Watch for possible overheating. It is normal for your phone to become hot during use. If the phone becomes too hot, it automatically drops the current call and returns to the Start screen. You will not be able to make or receive calls until the phone cools.

• LEARN THE KEYS

Below is a table of your wireless phone keys and what they do.

Key	What it does
	Power: Press and hold this key to switch the phone on or off. Also, briefly press this key to display a list of profiles.
	Selection: Press left or right to choose the option shown by the word above the key. Your phone has one selection key with a right and a left arrow. This guide refers to these arrows as if they were two separate keys: () and ()
	Talk: 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 seven 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.

4

Key	What it does
	End: 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.
	0 key: Press this key to insert a blank space while entering text.
	1 Key: Press and hold this key to call your voice mailbox.
	Numbers and Letters: Use keys 2 through 9 to enter numbers and letters.
	Symbols: Press this key to enter special characters, such as punctuation marks.
	Symbols: Press this key to enter special characters.
	Scroll keys: Press this key to scroll up or down through a list of options. Your phone has one scroll key with an up and a down arrow. This guide refers to these arrows as if they were two separate keys:  and .

Power Key

To turn the phone on or off, press and hold the Power key. The Power key is on the upper-right, top portion of the phone.

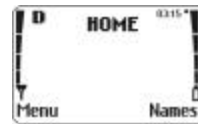


Warning: Do not switch on the phone where wireless phone use is prohibited, or where the use of a phone might cause interference or could be a danger.

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.

To return to home base from any screen, press .



• NAVIGATION KEYS

Selection keys

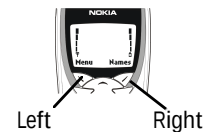
Use the selection keys to navigate through and select phone options.

At the Start screen, two options appear: Menu and Names.

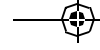
The left and right selection keys  are just below these options.

- The left selection key is located under Menu.
- The right selection key is located under Names.

Note: Your phone has one selection key with a right and a left arrow. This guide refers to these arrows 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.



4

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



Note: This guide refers to the selection keys by the names that appear above them. For example, Press Menu means to press the key located below the word Menu on the phone's screen (↵).

Scroll bar

When you press Menu, a scroll bar appears on the right side of the screen. This scroll bar has a tab which indicates your location in the menu (see diagram below).

As you progress through the menu, the tab moves down to the next position on the scroll bar. If you scroll back through the menu, the tab moves up.



Tab

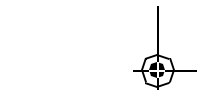
Scroll bar: This view shows the scroll bar down three tab positions from the beginning of the menu list. The number 3 appears above the scroll bar, showing the

• ICONS AND INDICATORS

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

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





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

• REVIEW PHONE SYMBOLS

The table below shows what each icon means.

Key	What it means
	You have an active call.
	The phone is waiting for you to enter a response.
	You have selected Silent as the current profile.
	The keyguard has been activated to prevent any accidental key presses.
	You have one or more voice messages waiting.
	You have one or more unread text messages waiting.

4

Key	What it means
	Digital service is available.
ABC	Any alpha characters you enter will be uppercase (capital letters). Press  to switch between upper and lowercase letters.
abc	Any alpha characters you enter will be lowercase. Press  to switch between upper and lowercase letters.
 abc	You are in predictive text mode. You can enter words by pressing each number key only once for each letter.
123	This appears when you press and hold  while storing names. After switching to this <i>numbers</i> mode, you cannot enter any alpha characters. You can enter only numbers.
?!£	This appears when you press  while storing names. You are in <i>special character</i> mode. You can select a special character by pressing Insert.
	The alarm clock is set.
	You have a reminder in your calendar to do something. (Appears only on Calendar display.)
	You have a birthday reminder in your calendar (Appears only on Calendar display.)
	You have a reminder in your calendar to call someone. (Appears only on Calendar display.)
	You have a reminder in your calendar of a meeting. (Appears only on Calendar display.)

5 Phone calls

Feature	What to do
Turn off Keyguard	Deactivates the keyguard if it is on. Nokia recommends that you use the feature called Keyguard. Keyguard locks your key pad to prevent you from making calls unintentionally. To deactivate or activate Keyguard, press  and  .
Make a call	Hold the phone as you would any other telephone, with the earpiece over your ear and the microphone near your mouth. Enter the phone number—including the area code—and press  .
End a call	Press  to end the call or to cancel the call attempt.
Answer a call	When your phone rings, press any key to answer, or press  .  Tip: You can mute the ringing of an incoming call by pressing  , or press the power key quickly.
Redial last dialed number	Press  two times. If the number is not there, return to the Start screen by pressing  .

Adjust the earpiece volume

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

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



5

Use caller ID

Caller ID is a network service that identifies incoming calls. Contact your service provider to find out how to get this feature.

When Caller ID is active, your phone shows the caller's phone number during an incoming call, as long as this number is a part of your service provider's wireless network.

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.

Get a strong signal

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

Check signal strength

When you are at the 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. The signal indicator move up as the strength of the signal increases and down as it decreases. Increasing your phone's signal may be easy. Try moving your phone slightly, or move toward a window if you're calling from inside a building.

This phone is optimized for digital service in a compact size. Therefore, when your phone is operating in analog mode, the service area in which you can place and receive calls may be limited.

Keep calls private

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



*Phonecalls***5**

Voice privacy is a network service, so you must contact your service provider to obtain access to the feature.

To turn on Voice Privacy:

- 1 Press Menu >Settings > Network services > Voice privacy.
- 2 Scroll to On and press .

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

To turn off Voice Privacy:

- 1 Press Menu >Settings > Network services > Voice privacy.
- 2 Scroll to Off and press .



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**

6 Phone menus

• NAVIGATE MENUS

A *menu* is a list of choices you can make. Your phone has 9 main menus. Each main menu contains numerous submenus that allow you to use the phone book, change the ringing tone, and so on. You can use menus and submenus two ways: by *scrolling* or by using *shortcuts*.

Scroll through menus

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

Use a shortcut

Options are numbered so that you can quickly key press your way to an option. The numbers appear in the top right corner of the screen and show your location in the menu. For example, if you want to customize a ringing option, from the Start screen, press:

For Shortcut: Menu 3-1-2-1

For Scrolling: Menu > Profiles > Customize > Ringing Options

When the ringing options appear, scroll to 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 the previous menu level, press Back or Exit.
- To return to the Start screen, press . If you leave a menu in this manner, no menu setting changes are saved.
- Some menus may not appear. Ask your service provider for details.



Get help

For most of the menu items in your phone, a brief help text is provided. To view the help text of a menu item, scroll to an item and wait 5 seconds.

Your phone menu may differ from the following list, depending on the network services to which you have subscribed and the accessories you are using. If you have any questions, call your service provider.

• SHORTCUTS

1 MESSAGES

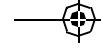


Text messages	1-1
Inbox	1-1-1
Saved	1-1-2
Write message	1-1-3
Outbox	1-1-4
Write e-mail	1-1-5
Erase all	1-1-6
All read	1-1-6-1
All in inbox	1-1-6-2
All saved	1-1-6-3
All in outbox	1-1-6-4
Voice messages	1-2
Listen to voice messages	1-2-1
Voice mailbox number	1-2-2
Welcome Note	1-3

2 CALL LOG

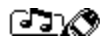


Missed calls	2-1
Dialed calls	2-2
Received calls	2-3
Clear call lists	2-4
Call timers	2-5



6

3 PROFILES

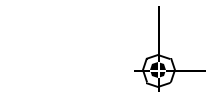


Normal	3-1
Select	3-1-1
Customize	3-1-2
Ringing options	3-1-2-1
Ringing volume	3-1-2-2
Ringing tone	3-1-2-3
Vibrating alert	3-1-2-4
Keypad tones	3-1-2-5
Warning and game tones	3-1-2-6
Message alert tone	3-1-2-7
Lights	3-1-2-8
Automatic answer	3-1-2-9
Rename a profile	3-1-3
Silent	3-2
Meeting	3-3
Outdoor	3-4
Pager	3-5
Car	3-6
Headset	3-7

4 SETTINGS



Call settings	4-1
Emergency key 9	4-1-1
Automatic redial	4-1-2
Calling card	4-1-3
Phone settings	4-2
Clock	4-2-1
Alarm clock	4-2-2
Touch tones	4-2-3
Manual touch tones	4-2-3-1





Touch tone length	4-2-3-2
Restore factory settings	4-2-4
Language	4-2-5
English	4-2-5-1
French	4-2-5-2
Spanish	4-2-5-3
Portuguese	4-2-5-4
Russian	4-2-5-5
Hebrew	4-2-5-6
Traditional Chinese	4-2-5-7
Security settings	4-3
Restrict calls	4-3-1
Restrict outgoing calls	4-3-1-1
Restrict incoming calls	4-3-1-2
Access codes	4-3-2
Phone book	4-3-2-1
Unlocked phone number	4-3-2-2
Change lock code	4-3-2-3
Change security code	4-3-2-4
Hidden voice mailbox password	4-3-2-5





6

Auto update of date and time	4-4
On	4-4-1
Confirm first	4-4-2
Off	4-4-3
Network services	4-5
Voice privacy	4-5-1
Call forwarding	4-5-2
Call waiting	4-5-3
Send own number	4-5-4
Network feature setting	4-5-5
Own number selection	4-5-6
Public system selection	4-5-7
Digital/analog selection	4-5-8

5 SYSTEM



Automatic	5-1
Manual	5-2
New Search	5-3

6 ORGANIZER



7 CALCULATOR



8 GAMES

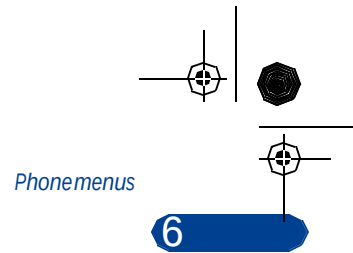
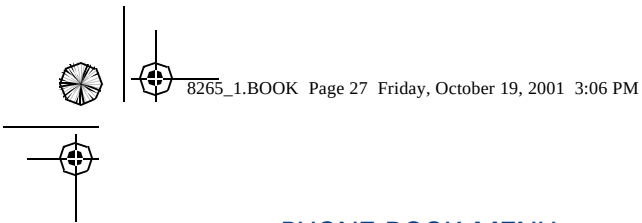


9 SERVICES



10 KEYGUARD





Phonemenus

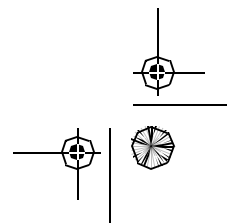
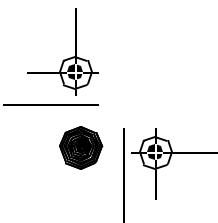
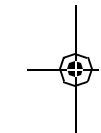
• PHONE BOOK MENU

For access to the phone book and its menus:

- Return to the Start screen.
- Press Names.

These options are available:

Find	1
Add entry	2
Edit Name	3
Add number	4
Erase	5
One by one	5-1
Erase all	5-2
Options	6
Phone book view	6-1
Name list	6-1-1
Name only	6-1-2
Name+number	6-1-3
Memory status	6-2
1-touch dialing	7





7

7 Letters and numbers entry



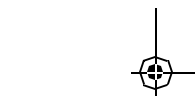
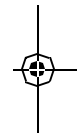
Note: For text messages and calendar notes, you can use predictive text input. This method is covered in "Write with predictive text input" on page 83.

• ENTER LETTERS

When you want to add new names or view names in the phone book, your phone automatically switches to the ABC mode and displays the **ABC** icon.

Press the key containing your letter until it appears on the screen. For example, press  three times to enter the letter C.

Key	Characters	Key	Characters
1	., ' ? ! @ - 1	7	PQRS7
2	ABC2	8	TUV8
3	DEF3	9	WXYZ9
4	GHI4	0	Enters an empty space or 0
5	JKL5	*	Special characters
6	MNO6	#	Changes letter case; long press toggles between ABC/abc and 123 mode



Edit names

To edit a name in the phone book:

- Use the scroll key to move the cursor to the left or right.
- Press Clear to correct any mistakes.

Change from capital (uppercase) letters

To switch between capital letters (uppercase) and lowercase letters:

- Press the  key.
The **ABC** icon switches to **abc**, indicating that you are using lowercase.
- To switch back to uppercase, press the  key again.

Use punctuation and special characters

When in ABC mode, you can enter special characters. To do so, press the  key. The following special characters appear:

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

- Use the scroll key to move to the character and press Insert.
- Press  to move quickly up and down between rows of characters.



Tip: If you want to access a special character that appears toward the end of this list, press  for quicker access.

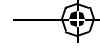
• ENTER NUMBERS

You use the 123 mode to enter numbers only. When you're in 123 mode, the screen shows the **123** icon.



Note: You cannot enter special characters in **123** mode from the special characters list. If you are in **ABC** mode, press and hold the  key for 2 seconds. The **123** icon appears, enabling you to enter numbers.

- To return to **ABC** mode, press and hold the  key again for two



7

seconds.



List of special characters

Your phone provides special characters you can use to insert "wait" times into a number.

- To insert the following characters into a number, press the  key several times.
- Continue entering the rest of the number as usual.

p Use to create 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 Use to create 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.



8 Phone book

• ABOUT THE PHONE BOOK

Your phone includes a phone book that can store up to 250 names and associated phone numbers. Stored numbers can be up to 32 digits long. Stored names can be up to 26 characters long.

MAKE ENTRIES UNIQUE

You cannot store identical names in your phone.

Example: You can't have one entry for *John Jones* with a home number and another entry for *John Jones* with a work number. Store the names as *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

The phone book has several menus from which you can choose. These menus appear when you press Names. Use the scroll keys to move to the menu you want to use.

Menu Name	What it does
Search	Allows you to search for a specific name.
Add new	Allows you to enter new names and numbers.
Options	Allows you to choose your scrolling view and to show the memory status.
1-touch dialing	Allows you to assign up to seven 1-touch dial locations.



Menu Name	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 Details or Options, then scroll to Erase and press Select.

Change views

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. You can view the corresponding phone number by pressing Details and scrolling up or down.

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

Select a scrolling view

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



Phonebook

8

• ADD NAMES AND NUMBERS

- 1 Press Names.
- 2 Scroll to Add new and press Select.
- 3 Using the keypad, enter the name.
- 4 Use the  key to switch between upper and lowercase letters.
- 5 Press OK.
- 6 Enter the phone number and press OK.



SHORTCUT

You can also enter numbers by using a shortcut from the Start screen.

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

• CHANGE A STORED TELEPHONE NUMBER

You can change a number without changing its associated name.

- 1 Press Names.
- 2 At Search, press Select.
- 3 Enter the first few letters of the first name of the person for whom you are searching and press OK.
- 4 If you chose Name only or Name list as your scrolling view, continue to step 4. If you chose Name+number as your scrolling view, go to step 5.
- 5 Press Details to view the number.
- 6 Press Options.
- 7 If Edit is not highlighted, scroll to Edit and press Select.
- 8 Press OK.



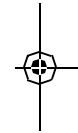
8

- 9 The associated number appears.
- 10 Press Clear to erase one number at a time, or press and hold Clear to erase all the numbers on the screen.
- 11 Use the scroll key to move within the digits in the number.
- 12 Enter the new number.
- 13 Press OK to save the new number.

• RECALL AND REDIAL NUMBERS

You can recall and dial numbers using one of three methods:

- 1 At the Start screen, scroll to display the names and associated numbers that are stored in your phone book.
Scroll to the appropriate name and press  to dial the associated number.
OR
- 2 At the Start screen, press Names.
Begin entering the first few letter of the name you want to call.
When the appropriate name/number appears on the screen, press  to dial this number.
OR
- 3 At the Start screen, press Names.
At Search, press Select.
Enter the name of the person you want to call and press OK.
When the appropriate name/number appears on the screen, press  to dial this number.



• ERASE STORED NAMES AND NUMBERS



Caution: You cannot undo Erase functions.

- 1 Using one of the methods described in "Recall and redial numbers" on page 34, 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.
- 4 Scroll to Erase, then press Select.
- 5 The Erase? message appears.
- 6 Press OK to erase this name and associated number.

• ERASE THE ENTIRE PHONE BOOK

You can erase the contents of your phone book. This action cannot be reversed. After you have performed this procedure, all the stored information in your phone book is erased.

To erase all the contents of your phone book:

- 1 Press Names.
- 2 Scroll to Erase all and press Select.
- 3 The message Are you sure? appears.
- 4 To erase the entire contents of your phone book, press OK.
- 5 The Security code field appears.
- 6 Enter your security code and press OK.



8

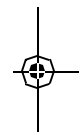
• CHECK MEMORY STATUS

You can check to see how many free and in-use memory locations are in your directory.

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

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

Under
Construction



9 Voice mail

Voice mail is a network services feature. Colleagues who miss you when they call can leave a voice message that you can retrieve later.

• WHEN YOU HAVE A MESSAGE

- Your phone beeps when you receive a voice message. Also, the message New voice message appears on your phone's screen, along with the  icon.
- If you have received more than one voice mail message, depending on your wireless network your phone may display the number of messages that you have received.



Note: To use voice mail, you need to learn the voice mail system's various greetings, passwords, and prompts. Your service provider can provide instructions.

• SET UP YOUR VOICE MAILBOX

As part of your network's voice mail feature, your service provider gives you a voice mailbox phone number. Save this number in your phone to make getting your voice messages quick and convenient.

- 1 Press Menu 1-2-2 (Messages > Voice messages > Voice mailbox number).
- 2 Enter your voice mailbox phone number.
- 3 Press OK.
 - Press Yes to save a hidden voice mailbox password in your phone. Enter your security code.
 - Press No if you don't.
- 4 Press OK.
- 5 Enter your voice mailbox password and press OK.



9

Your voice mailbox number can be up to 32 digits long and is used until it's changed. Therefore, if your phone number changes, you may need to change your voice mailbox number along with it.

• 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.



Note: 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



Note: The way you listen to your voice messages may vary depending upon your service provider. Call your service provider if you have any questions.

1 When your phone alerts you to new voice messages, press Listen and follow the instructions given on the phone.

2 If you prefer to listen to your messages later, press Exit.

3 To listen to your voice messages at a later time:

Press and hold the 1 key.

OR

Press Menu 1-2-1 (Messages < Voice messages < Listen to voice messages).

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

Call log

10

10 Call log

The call log keeps track of:

- Missed calls
- Numbers you've dialed
- Numbers from which you've received calls
- The amount of time you've spent on calls



• CHECK THE CALL LOG

Press Menu 2 to access Call log, then press Select.

The following submenus are available:

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

To select an option, press the Select key while the option is displayed on the screen. Missed calls, Dialed calls, and Received calls menus include the following options (available when you press the Options key):

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

10

Option	What it does
Erase	Allows you to erase the displayed number from the call log.
View number	Allows you to view a number when an associated name appears on the screen. Note: This option works only if you have stored the associated number in the phone book.



Tip: You can dial any numbers that appear on the phone screen by pressing .

Check missed calls

Your phone stores up to the last 10 numbers associated with calls you have missed. When you miss a call(s), the message Missed calls appears on your phone's screen, along with the number of calls missed.

You are notified of missed calls only if your phone was turned on in the original service area of your service provider.

To check missed calls:

- 1 Press List. The phone shows the numbers of the calls you missed.
- 2 Scroll through the list until you reach a number to be dialed.
- 3 Press  to start dialing, or
- 4 Press Back to return to the Start screen.



Tip: Use the shortcut by pressing Menu 2-1 (Call log > Missed calls), then scroll through the list of numbers.



Note: If you selected Forward if not answered option in Call Forwarding, then your phone treats these forwarded calls as missed calls.

Call log

10

Check previously dialed calls

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

- 1 Press Menu 2-2 (Call log > Dialed calls).
- 2 Scroll through the dialed numbers list.
- 3 When you reach the number you want to dial, press .

You can also access previously dialed numbers by pressing  and , or scroll through the list.



Check received calls

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

- 1 Press Menu 2-3 (Call log > Received calls).
- 2 Scroll through the list of received numbers.
- 3 When you reach the number you want to dial, press .

Clear call lists

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

Warning: You cannot undo this operation.

To erase some or all of the numbers listed in your call logs:

- 1 Press Menu 2-4 (Call log > Clear call lists).
- 2 Scroll through the options list, which includes the following options: All, Missed, Dialed, and Received.
- 3 Stop at the appropriate option and press OK.

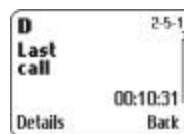


Note: The All option clears *every* number in every list, whereas the other options clear *only* the numbers associated with that option. For example, the Dialed option clears only the numbers associated with calls you previously dialed.

**10****• 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 (Call log > Call timers).
- 2 Scroll through the options described in the following list:



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.



Warning: If you select the Clear timers option, the action cannot be undone. If you use the call timers to log or track the amount of time you are using your phone, you might want to record the information in the call timers before you erase them.

Turn on a current call timer

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





Call log

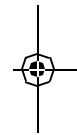
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- 1 Press Menu 2-5 (Call log > Call timers).
- 2 Press Details. Current call timer appears.
- 3 Press Select.
- 4 Scroll to On.
- 5 Press OK.

From this point on, each call you make or receive will be timed. After a call has ended, press any key on your phone to clear the screen.

Clear call timers

- 1 Press Menu 2-5-5 (Call log > Call timers > Clear timers).
The security code field appears.
- 2 Enter your security code
- 3 Press OK.



11

11 Advanced calling features

• SET IN-CALL OPTIONS

Your phone allows you to use a number of features during a call. These features are known as *in-call options*.



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

You cannot use all options at all times. This section tells you when you can use a certain option.

- 1 To access an option during a call, press Options.
- 2 Choose from some or all of the following options:

Option	What it does
Lock keys	Locks your phone's keypad. This option appears first if your phone is connected to a headset. If it is not connected to a headset, the Mute option appears first.
Mute	Mutes the phone's microphone. If the microphone has already been muted, End mute appears instead of Mute. Press OK to choose either of these options. These options can affect the microphones of any accessories connected to the phone.
Touch tones	Allows you to enter a touch tone string manually or search for a string in your phone.
New call	Allows you to make a call while you have a call in progress. Refer to "Make a conference call" on page 46 for additional information.

*Advanced calling features***11**

Option	What it does
Menu	Allows you to access the Menu.
Names	Allows you to access the phone book.

- **USE CALL WAITING**

If you have call waiting, your phone beeps during a call 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.

Before you can use call waiting, you must first store its feature code. Then you must activate the call waiting feature.



Note: Call waiting may not be available in all wireless systems. Contact your service provider for details and availability.

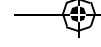
Store the call waiting feature code

- 1 Press Menu 4-5-5 (Settings > Network services > Network feature setting). The Feature code box appears.
- 2 Enter the feature code issued by your service provider and press OK.
- 3 Scroll to Call waiting and press Select.
- 4 Make sure that Activate is highlighted and press OK.

Activate call waiting

- 1 Press Menu 4-5-3 (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.



11

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 and "conference in" (add) a third party to the call.

The conference call feature varies based on wireless systems. Contact your service provider for details.

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

OR

You can 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.

- 2 When the third party answers, press  to connect all three parties.



Note: 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. Once you place one of the parties on hold, you are unable to rejoin all three parties.

- 3 To drop all parties, press .



Recall a number from the phone book during a conference call

If you don't remember a number that you need to dial while on another call and this number is in your phone book, you can recall the number without having to quit your current call.

- 1 During the call, press Options.
- 2 Scroll to Names and press OK.
- 3 Press Select at Search.
- 4 Enter name and press OK, or scroll through the phone book.
- 5 Press OK.

• CALL FORWARDING

With call forwarding, you can forward incoming calls to another number. If you are unavailable to receive calls on your phone, all incoming calls can be forwarded to another phone.

Before you can use call forwarding, you must first store its feature code. Then you must activate the call forwarding feature.



Note: The call forwarding feature may not be available in all wireless systems. Contact your service provider for details and availability.

You can use the call forwarding feature code manually as opposed to storing it. Each time you need to forward phone calls, you must enter the feature code before the phone number (for example, *72 555 1212).

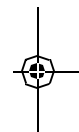
Store the call forwarding feature code

- 1 Press Menu 4-5-5 (Settings > Network services > Network feature setting).
The Feature code field appears.
- 2 Enter the feature code your service provider gave you and press .
- 3 Scroll to Call forwarding and press Select.

**11****Activate call forwarding**

- 1 Press Menu 4-5-2 (Settings > Network services > Call forwarding).
- 2 Scroll to the desired call forwarding option, as described in the following table, and press Select.

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



- 3 Highlight Activate and press OK.
- 4 At the Number field, either enter the number to which you want your calls forwarded or press Search to find this number in the phone book (if the number is indeed in your phone book).
- 5 Press OK.





Advanced calling features

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Your phone calls the network to confirm the feature code that you entered in Menu 4-5-5. After the network confirms the feature code, call forwarding is activated.

• REDIAL AUTOMATICALLY

Automatic redial enables your phone to continue trying to call a number that was 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 prior to the last attempt, press .

Before you can use the Automatic Redial feature, you must activate it.

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

• USE A CALLING CARD

You can use a calling card when you dial long distance calls. You must first store your calling card information in the phone. Your phone can store information for a maximum of four calling cards.

Save calling card information (step 1)

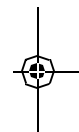
- 1 Press Menu 4-1-3 (Settings > Call settings > Calling card).
- 2 Scroll to the A, B, C, or D calling card and press Options.
- 3 Scroll to Edit and press OK. The Security code field appears.
- 4 Enter your security code and press OK. The Dialing sequence screen appears.
- 5 Press Select.
- 6 Scroll through the list of dialing sequences, as described in the following table.



**11****7 Press Select.**

The calling cards shown in the table below are frequently used with the dialing sequences listed in the first column. However, this information may vary and it is subject to change at the phone companies' discretion..

Dialing sequence	Cards that require you to:	Associated cards
1. Access no. 2. Phone no. 3. Card no.	Dial 1-800 access number, then phone number, then card number (+ PIN if required).	MCI, Sprint Canada, Unitel
1. Access no. 2. Card no. 3. Phone no.	Dial 1-800 access number, then card number (+ PIN if required), then phone number.	networkMCI, WorldPhone MCI, AT&T
1. Prefix 2. Phone no. 3. Card no.	Dial the prefix (any numbers that must precede the phone number) and phone number you want to dial, then card number (+ PIN, if required).	Verizon, PacBell, AT&T, Stentor

**Save calling card information (step 2)**

The order of the following steps may vary, depending on which dialing sequence your card uses.

- 1 Enter the number and, when prompted for the calling card's access number, enter the number and press OK. This number is usually the 1-800 number that is listed on the back of the calling card.

You can also retrieve the access number from your phone book if it is stored. Press Search, then scroll to find the number.
- 2 When prompted to enter a calling card number (usually shown on the front of the calling card) and PIN number, enter the numbers, and press OK.
- 3 Press OK again when the Save changes? message appears.



*Advanced calling features***11**

- 4 Scroll to Card name, press Select, and enter the card name using your phone's keypad.
- 5 Press OK.

Choose a calling card to use

If you have more than one calling card, you'll need to choose one before making a call.

- 1 Press Menu 4-1-3 (Settings > Call settings > Calling card).
- 2 Scroll to the desired card and press Options.
- 3 Scroll to highlight Select and press OK.
- 4 The Security code field appears.
- 5 Enter your security code and press OK.
- 6 The message Card ready for use appears.

Make a calling card call

To make a calling card call:

- 1 Enter the phone number, including any prefix (such as 0 or 1) your calling card might require when you make a calling card call. See your calling card for instructions.
- 2 Press and hold  until your phone displays the message Card call and shows Wait for tone, press OK again.
- 3 After the second tone, press OK again.
- 4 Your phone displays Card call.



Note: This procedure might not apply to all the calling card options that are programmed into your phone. Check the back of your calling card for more information, or contact your long distance company.



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• SEND YOUR OWN NUMBER IN CALLER ID

You can determine, for each call you make, whether your telephone number appears on another phone's caller ID.

In most service areas, when you call others, your name is presented to their caller ID (if they subscribe). With Send Own Number, you can block (or not) the display of your number to others' caller ID when you call them.

Before you can use Send Own Number, you must first store its feature code. Otherwise, this feature might not appear on your phone's menu.



Note: Send Own Number might not be available in all wireless systems. Contact your service provider for details and availability. Also note that this feature is effective only when you call a number that is equipped with caller ID.



Store the Send Own Number feature code

- 1 Press Menu 4-5-5 (Settings > Network services > Network feature setting). The Feature code box opens.
- 2 Enter the feature code your service provider gave 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 in Menu 4-5-5. After the network confirms the feature code, Send Own Number is activated.

Set whether or not your number will appear

- 1 Press Menu 4-5-4 (Settings > Network services > Send own number).
- 2 Scroll to and select Yes (to show your number), or No (not to show it).
- 3 Press OK.
- 4 Enter the number you wish to call (or press Search to retrieve the number from the phone book), and press OK.



*Advanced calling features***11****• 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 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 4-5-6 (Settings > Network services > Own number selection).
- 2 Scroll to the phone number you want to use and press OK.



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

Select digital or analog

Your phone can work in both digital and analog modes. The default mode is digital and analog, which appears on your phone as Digit. & analog when you press Menu 4-5-8 (Settings > Network services > Digital/analog selection).



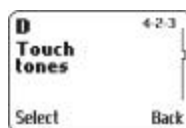
Note: This feature is available only for certain phones. Contact your service provider for more information.

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This means that your phone uses both digital and analog voice channels. The phone always tries to find a digital voice channel first, but if a digital voice channel is not available, the phone looks for an analog voice channel.

- **SET TOUCH TONES**

Touch tones are sounds that are produced when you press the keys on your phone's keypad. Sometimes, touch tones are called *DTMF tones*, but this guide calls them touch tones.



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 4-2-3-1 (Settings > Phone settings > Touch tones > Manual touch tones).
- 2 Select one of the following options:
 - 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.
- 3 Press OK.

Set touch tone length

You can also set the length of each touch tone:

- 1 Press Menu 4-2-3-2 (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.
- 3 Press OK.

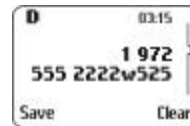
*Advanced calling features***11****Store touch tone sequences (strings)**

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.

STORE TOUCH TONE STRINGS WITH PHONE NUMBERS

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

w (wait): When you dial this phone number, your phone first dials the number, then waits (because of the w character) for you to press Send. The phone sends your touch tone when you press Send.



p (pause): If you include a p character instead of a w, your phone pauses for 2.5 seconds, then automatically sends your touch tone.

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

SEND A TOUCH TONE STRING

- 1 Press Menu 4-2-3-1 (Settings > Phone settings > Touch tones > Manual touch tones).
- 2 Make sure that the setting is not set to Off.
- 3 If the setting is set to Off, scroll to another option and press OK.
- 4 During your call, press Options, scroll to Touch tones and press OK.
- 5 Enter the touch tone string or recall the string from the phone book, and press OK.



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



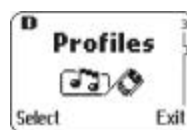
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12 Personalization



• WHAT IS A PROFILE?

A profile is a "set of settings" you can use to customize the way your phone works. Your phone comes with seven profiles:

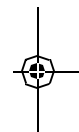


- 1 Normal (default setting)
- 2 Silent
- 3 Meeting
- 4 Outdoor
- 5 Pager
- 6 Car (available only with car kit)
- 7 Headset (available only with headset)

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

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

You can return to the original settings at any time by using the normal profile.



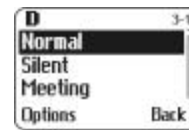
• SELECT A DIFFERENT PROFILE

- 1 Quickly press the Power key.
- 2 Scroll to the profile you want to use. Profile names are highlighted (selected) as you scroll through them.
- 3 Press OK to select a highlighted profile.

 Note: To select a different profile, your phone *cannot* be connected to a car kit or a headset, and your phone *must* be at the Start screen.

• CUSTOMIZE A PROFILE

- 1 Press Menu 3 (Profiles).
- 2 Scroll to the desired profile in the list.



 Note: The Car and Headset profiles do not appear unless your phone has been connected to these accessories. If you connect your phone to a car kit or to a headset, these profiles remain in the menu, unless you choose to restore your phone's factory settings.

- 3 Press Options to view the options for the selected profile.
- 4 Select one of the following options, then press OK.

Select. Activates the currently highlighted profile.

Customize. Enables you to customize a profile by changing the current settings. Press OK to choose from several lists.

Rename. Enables you to rename the profile. This option does not appear in the Normal, Headset, or Car kit profiles.

 Note: When you change a setting in the current profile, it affects only that profile. Your phone's normal settings do not change.



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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 (Profiles). Your phone lists each profile.
- 2 Scroll to the desired profile in the list for which you want to set the ringing options, and press Options.
- 3 Highlight 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.

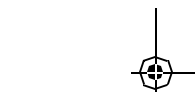
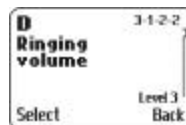
Option	What it does
Ring	The phone rings until it is answered.
Ascending	Ringing volume increases (gets louder) if the phone is not answered.
Ring once	The phone rings once to indicate an incoming call.
Beep once	The phone beeps once to indicate an incoming call.
Caller groups	Sets the ring to a silent ring, unless a call comes from a number within a caller group. Scroll to the desired caller group(s), then press Mark to select or Unmark to deselect them.
Silent	The phone makes no sound.



Set the ringing volume

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

- 1 Press Menu 3 (Profiles).
- 2 Scroll to the profile for which you want to set



the ringing volume, and press Options

- 3 Highlight 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: As you scroll through the ringing options, you can listen to a sample of each. Although the ringing sample for level 4 and level 5 are the same, ringing level 5 will produce very loud ringing.

The ringing volume setting is stored individually for the handsfree car kit and the headset.

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 in "Set ringing options" on page 58, the ringing tones are already turned off.

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

Set a vibrating alert

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

- 1 Press Menu 3 (Profiles).
- 2 Scroll to the profile for which you want to set the vibrating alert, and



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press Options.

- 3 Highlight Customize and press OK.
- 4 Scroll to Vibrating alert and press Select again.
- 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 (Profiles).
- 2 Scroll to the profile for which you want to set the keypad tones, and press Options.
- 3 Highlight 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 and game tones

You can set warning tones and the tones used for the games in your phone.

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 (Profiles).
- 2 Scroll to the desired profile to set the warning tones, press Options.
- 3 Highlight Customize and press OK.
- 4 Scroll to Warning and game tones, and press Select.
- 5 Scroll to On and press OK.



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

Set the message alert tone

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

- 1 Press Menu 3 (Profiles).
- 2 Scroll to the profile for which you want to set the message alert tone, and press Options.
- 3 Highlight Customize and press OK.
- 4 Scroll to Message alert tone, then press Select.
- 5 Scroll through your choices.
- 6 The phone plays samples of each choice as you scroll to it.
- 7 When you find the tone you want, press OK.

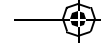
Set your phone to answer automatically

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 ignition on.

- 1 Press Menu 3 (Profiles).
- 2 Scroll to either the Car or Headset profile and press Options.
- 3 Car and Headset do not appear unless your phone has already been connected to a car kit or headset at least one time.
- 4 Highlight Customize and press OK.
- 5 Scroll to Automatic answer and press Select.
- 6 Scroll to On and press OK.

Set the lights (car kit only)

While your phone is connected to a car kit, you can either set its lights to be on only when you use it, or you can have the lights on continuously.



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This feature works *only* when your phone is connected to a car kit.

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



Note: Car does not appear in the list unless the phone is connected to a car kit.

- 3 Highlight Customize and press OK.
- 4 Scroll to Lights and press Select.
- 5 Scroll through your choices, which are listed and described in the table below, and press OK.

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 (Profiles).
- 2 Scroll to the desired profile and press Options.
- 3 Scroll to Rename and press OK.
- 4 Enter the new name and press OK.



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

• RESTORE FACTORY SETTINGS

If you have made changes to your phone's profiles (settings), you can restore them to their original or factory settings. You must enter a security code to reset your phone's factory settings.



Personalization

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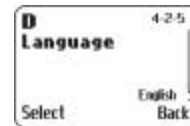
 Note: The memory, timers, language selection, security code, and lock codes are not reset. However, any profiles you have modified are reset.

- 1 Press Menu 4-2-4 (Settings > Phone settings > Restore factory settings).
- 2 Enter your security code and press OK.

• SET THE DISPLAY LANGUAGE

You can set your phone to display a certain language.

- 1 Press Menu 4-2-5 (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, and Hebrew.

• SET AND DISPLAY THE CLOCK

Your phone has an internal clock that you can set to display on the Start screen.

The clock is connected to an alarm clock. Refer to "Alarm clock" on page 106 for additional information.





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Set the clock

To set the clock to the appropriate time:

- 1 Press Menu 4-2-1 (Settings > Phone settings > Clock).
- 2 Scroll to Adjust time and press Select.

The Time field appears.

- 3 Enter the time using an xx:xx format and press OK.

For example, to set your clock to 9:30, enter 09:30. If you set the time format for 24-hour time, enter the number the same way: 09:30 or 23:12.

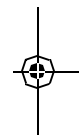
- If you set time format to am/pm, scroll to am or pm and press OK.
- If you set the time format to 24-hour, the time is set when you press OK.



Display or hide the clock

After the clock is set, it appears on the Start screen.

- 1 Press Menu 4-2-1 (Settings > Phone settings > Clock).
- 2 To hide the clock, with Hide clock highlighted, press Select.
Only one of these options appears at a time.
- 3 To display the clock once it has been hidden, press Menu 4-2-1 (Settings > Phone settings > Clock). With Display clock highlighted, press OK.



Select the time format

You can change the way your clock shows the time, whether in am/pm format or using a 24-hour clock.

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



• SET AUTOMATIC DATE AND TIME

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



Note: Auto update of date and time may not be available in all wireless systems. Contact your service provider for details and availability.

You need to display the clock on the phone's screen before you turn on the automatic date and time update. Refer to "Display or hide the clock" on page 64.

Turn on automatic update of date and time

When you activate the automatic date and time update, the phone updates both from the network when you turn the phone on.

Press Menu 4-4-1 (Settings > Phone settings > Auto update of date and time).

Confirm automatic update of date and time

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

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

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 4-4-3 (Settings > Phone settings > Auto update of date and time).

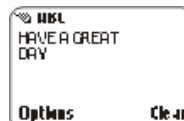
To set the time manually, refer to "Set the clock" on page 64.



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• 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: *Hello*. It could include your name, a reminder, or more. The maximum length of this note is 36 characters.

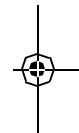


- 1 Press Menu 1-3 (Messages > Welcome note).
- 2 Enter the text of the welcome note.

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 right; press  to move it to the left.

- 3 Press Options.
- 4 Scroll to Save and press OK.

To erase the welcome note, press Menu 1-3 (Options > Erase > OK).



• USE 1-TOUCH DIALING

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

You can assign a name from the phone book to a 1-touch dial location, using your phone's keys 2 through 8. When you press the key, the associated number is automatically dialed.

- Keys 1 and 9: The 1 key is used exclusively to dial your voice mailbox. The 9 key is used exclusively to make calls to the emergency number that is programmed into your phone.
- Key 2: You can use the 2 key to dial a customer care operator. Refer to "Contact your service provider" on page 7. You can overwrite this feature and assign a 1-touch dial location to the 2 key.



Assign a name or number to 1-touch dial key

- 1 Press Names and scroll to 1-touch dialing.
- 2 Press Select.
- 3 Scroll to the first number that includes the message (empty) and press Assign.
- 4 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.
- 5 To call a number using 1-touch dialing, press and hold the appropriate key for a few seconds.
The phone dials the number.

Change 1-touch dialing numbers

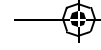
After you have assigned 1-touch dialing numbers to a key, you can change key and number associations at any time.

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

Erase 1-touch dialing numbers

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

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



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5 Press OK.



• USE EMERGENCY KEY 9

When the emergency key feature is turned on, the phone attempts to make an emergency call when you press 9 and OK. The phone dials the emergency number preprogrammed into your phone.



Note: If you have activated the emergency key 9 feature, you can also dial an emergency call by pressing and holding 9 until the phone indicates it is attempting to make an emergency call. This method *does not* work, however, when Keyguard is active.

Activate the emergency key 9

Before you can use the emergency key feature, you must first activate it.

- 1 Press Menu 4-1-1 (Settings > Call settings > Emergency key 9).
- 2 Scroll to On and press OK.
- 3 If you ever want to deactivate this feature, press Menu 4-1-1 and scroll to Off.



Warning: Official emergency numbers vary by location. Only one emergency number is programmed into your phone, and this is the number that is dialed when you press key 9. However, this might not be the proper number in all circumstances.

Make an emergency call

Press 9 and . For more details, refer to "Emergency calls" on page 124.

• USE CALLER GROUPS

You can create groups of names in your phone book and give each group a different ringing tone. This allows you to recognize who is calling you by the way your phone rings.

To use the caller group feature, you must also have access to caller ID. Caller ID is a network services feature (contact your service provider).



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.
- 2 Press Details if shown; if not, press Options.
- 3 Scroll to Caller groups and press Select.
- 4 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 specific ringing tone to this group. When someone from that group calls you, you'll be able to identify a friend, a family member, or other caller from the ringing tone.

- 1 At the Start screen, press Names.
- 2 Scroll to Caller groups and press Select.
- 3 Scroll to the group you want and press Select.
- 4 Scroll to Group ringing tone, and press Select.
- 5 Scroll to the tone that you want to assign and press OK.



Tip: You can set your phone to ring only when people from certain caller groups call you. Otherwise, the phone is silent.

Rename a caller group

- 1 At the Start screen, press Names.
- 2 Scroll to Caller groups and press Select.
- 3 Scroll to the group you want and press Select.
- 4 Scroll to Rename group and press Select.
- 5 Enter the group name and press OK.



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

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 a downloaded caller-group graphic. The screen shows the message Group graphic received.

View the new graphic



Note: If you press Exit at any time before saving the graphic, the new graphic will be deleted!

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

The new group of graphics appears.





Personalization

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Save a received graphic

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

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

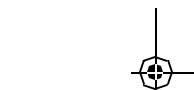
Discard a received graphic

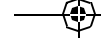
To discard a group graphic:

Press Exit.

OR

Scroll to Discard and press OK.





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13 Security

Your phone is equipped with a versatile security system that prevents the unauthorized use of the phone.

You must successfully enter your security code to activate and use certain phone features.

- The default security code is 12345.
- Nokia highly recommends that you immediately change this code. Then, write down and store the new code in a safe place, away from your phone.

When entering your security code, a * appears on the screen each time you press a number key. This prevents others from seeing your code.

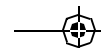
If you incorrectly enter a security code five times in a row, your phone won't accept any entries for the next 5 minutes. However, if you realize that you've entered the code incorrectly before pressing OK, you can use Clear to erase the code, digit by digit, beginning with the last digit.

When this guide describes an action that requires the entry of your security code, each step necessary to this action is provided.

• CHANGE YOUR SECURITY CODE

- 1 Press Menu 4-3-2-4 (Settings > Security settings > Access codes > Change security code).
- 2 The Security code field appears.
- 3 Enter the default security code and press OK.
- 4 At the message Enter new security code, enter your new security code and press OK.
- 5 At the message Verify new security code, enter your new security code again and press OK.

The message Security code changed appears.



*Security***13**

If you have changed your security code and don't remember the new code, contact your service provider. When you change your security code, the default setting is no longer valid.

- **PROTECT YOUR PHONE WITH THE LOCK CODE**

You can prevent unauthorized use of your phone by locking it. When your phone is locked, it is not possible to navigate the menu or the phone book. Calls can be received, but can only be made to the unlocked phone number.

- The default lock code is 1234.
- Nokia recommends that you change this code immediately.

You can save an unlocked phone number and make calls to that number without entering the lock code. For additional information, refer to "Store an unlocked phone number" on page 74.



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

Lock the phone

- 1 Press Menu 4-3-2-1 (Settings > Security settings > Access codes > Phone lock).
- 2 Enter the lock code and press OK.
- 3 Scroll to On and press OK.

Complete the phone lock activation by turning your phone off and back on. Once you turn the phone back on, Phone locked appears on the Start screen, and you are prompted to enter the lock code when you press Menu or Names.

With 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 either enter the emergency number and press OK, or to press and hold 9 if the emergency key 9 has been activated.



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Store an unlocked phone number

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

Call the unlocked phone number

Press  or  once, then .

OR

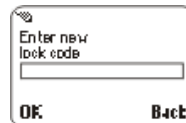
Manually enter the phone number and press .

Answer a call with phone lock on

To answer a call while using a lock code, press any key except  and .

Change your lock code

- 1 Press Menu 4-3-2-3 (Settings > Security settings > Access codes > Change lock code).
The Enter lock code box opens.
- 2 Enter the lock code and press OK.
Only numeric characters are accepted.
- 3 Enter the new lock code and press OK.
- 4 Verify the new lock code, and press OK.



Security

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When you change your lock code, make sure you store it in a safe place, away from your phone. Avoid entering access codes similar to emergency numbers to prevent accidental emergency calls.

Turn off phone lock

- 1 Press Menu.
The Enter lock code box opens.
- 2 Enter the lock code and press OK.
Phone unlocked appears briefly, and you are returned to the Start screen.
- 3 Press Menu 4-3-2-1 (Settings > Security settings > Access codes > Phone lock).
The Enter lock code box opens again.
- 4 Enter the lock code and press OK.
- 5 Scroll to Off and press OK again.
Phone lock deactivated appears briefly.

• LOCK THE KEYPAD

When you lock the keypad, you prevent accidental key presses—for example, when your phone is in a pocket or purse. This feature is called keyguard.

Activate keyguard

There are three different ways to activate the keyguard:

At the Start screen:

- Press and hold .
- Press Menu .
- Press Menu 9 (Keyguard).





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When Keyguard is turned on, you might be able to make calls to the emergency number that is programmed into your phone. For example, dial 911 and press . However, when Keyguard is on, you cannot use the emergency 9 key.



Note: Keyguard is automatically turned off when the phone is connected to a car kit.

Deactivate keyguard

1 Press Unlock.

2 Press .

OR

1 Press and hold until the message Unlock keys? appears.

2 Press OK.

Answer a call while keyguard is active

During an incoming call, the keypad automatically unlocks.

Press to answer the call.

After you end the call, keyguard automatically becomes active again. Press the Power key to quickly switch the lights on for 15 seconds.

• RESTRICT CALLS

You can restrict incoming and outgoing calls. To restrict outgoing calls, you create a list of restrictions and apply the appropriate restriction.

Before you define restrictions for outgoing calls, only one restriction option is available: Add restriction.

Add restriction enables you to create your own list of outgoing call restrictions. The maximum number of call restrictions you can define is ten.



Security

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After you have used the Add restriction option to add at least one restriction, the following options are then 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.

When calls are restricted, you might be able to make calls to the emergency number that is programmed into your phone. For example, you could dial 911 and press . However, emergency key 9 might not work, depending on the type of restriction you choose.

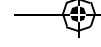
Restrict outgoing calls

- 1 Press Menu 4-3-1 (Settings > Security settings > Restrict calls).
- 2 Press Select.
- 3 Enter your security code and press OK.
- 4 Scroll to Add restriction and press OK.
- 5 Enter the number you want to restrict and press OK.

The Name field appears.

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

- If you want to add a name for the call restriction, enter the name using your phone's keypad and press OK.
- If you don't want to add a name, press OK.



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Restrict incoming calls

To restrict incoming calls:

- 1 Press Menu 4-3-1 (Settings > Security settings > Restrict calls).
- 2 Scroll to Restrict incoming calls and press Select.
- 3 Enter your security code and press OK.
- 4 Scroll to All calls and press Mark.
Press Unmark to remove incoming call restrictions.
- 5 Press Back.
The Save changes? message appears.
- 6 Press Yes.
Press No to exit without saving changes.



*Network services features*

14 Network services features

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The following network services can be obtained from your service provider. These services are not available from all providers or in all areas.

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

When you subscribe to any of these services, your service provider gives you a feature code that activates each service. Deactivation codes are used to deactivate each service.

After you store the appropriate code in your phone, the code is sent to the network to verify that you're using the correct feature code. The voice privacy feature does not require you to store a feature code before using it.

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

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.

• SET UP HOW YOUR PHONE SELECTS 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. Your phone may not show the options described here. For information, contact your service provider.

Set up the way your phone selects a network

Press Menu 5. The following three options appears on the screen:



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- 1 Automatic: Your phone automatically searches for available networks and chooses the appropriate one each time you turn on your phone on.
- 2 Manual: The phone searches for networks and 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 designated as Not available, you cannot use it.
- 3 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.

Scroll through the options and press OK when your option is highlighted.

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

Switch from a private system to a public system

- 1 Press and hold Menu while you are not in a call.
Your phone displays the message Search public systems?
- 2 Press OK and your phone uses the public system for the next (and *only* the next) outgoing call.

After you complete this call, your phone returns to the Automatic system selection.

Select a public system

When you take your phone outside its home system, the phone is said to be "roaming." The phone can search for home-type systems—systems that are the same type as your home system. Or, the phone can search for non-home-type systems.



Note: The options described here may not be available for your phone. Contact your service provider for information.



Network services features

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Your service provider maintains system roaming agreements and programs a list of preferred systems into your phone. Your phone looks for these systems when you're roaming.

- 1 Press Menu 4-5-7 to tell your phone how to choose a public system (network). Your selection remains active until you change it.
 - Any system: When service is not available in your home system, the phone searches for a home-type system. Then it searches for a non-home-type system until your phone finds a usable system.
 - Home-type: When service is not available in your home system, the phone searches for a home-type system first. However, if a non-home-type system is found, then your phone will use this system.
 - Non-home type: The phone searches only for a non-home-type system.
 - Home only: The phone uses only its home system. It will not roam.
- 2 Scroll to the option you want and press OK.

• ROAMING

The term *roaming* indicates that your phone is not in its home area. Calls made or received while you are roaming are usually more expensive.

In some systems, your phone may not be recognized by the host system. You may not be able to place a call.

ROAMING INDICATORS

When your phone begins roaming, the phone beeps once and may display the word ROAM on your phone's screen. If your phone is not roaming, it either displays the word HOME or the name of your service provider.

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





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15 Text messages

With the text message network service, you can send and receive short text messages. You can also send and receive messages that contain a person's name and number called a "business card".

To get your messages, other phones must have text message capability. Or, you can ask the service provider to convert the message to other formats, such as e-mail.

The maximum length of a text message is 160 characters. Your phone has space for up to 80 text messages, depending on the length of each message.



Note: The maximum length of a text message differs, depending on the capabilities of the network from which it originated. Also, text messages may appear different at different times because messages can originate in networks other than your own.

Contact your service provider for more information about the availability of text messages.

• ABOUT WRITING MESSAGES

You can write a message in one of two ways: 1) use standard text input or 2) use predictive text input.

Write with standard text input

Standard text input is the default mode for text entry. When you use standard text input, the **ABC** icon appears in the upper left corner of your phone's screen.

- 1 Find the key that is below the letter you want to enter.
- 2 Press the key until your letter appears on the screen.



Text messages

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For example, to enter the name *John*:

Press 	J
Press   	O
Press  	H
Press  	N

Write with predictive text input

With predictive text input, press each number key only once for each letter.

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

Press 	N
Press 	O
Press 	K
Press 	I
Press 	A

Since the word shown on the screen changes after each key stroke, disregard the word until you have keyed in all the characters.

Turn on predictive text input

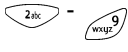
- 1 Press Menu, then Select.
- 2 When Text messages appears, press OK.
- 3 Scroll to Write message and press OK.
- 4 Enter a character using the keypad.
- 5 Press Options, scroll to Dictionary and press OK.
- 6 Scroll to the dictionary you want (for example, English).
- 7 Press OK.

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T9 dictionary activated appears. "T9" is the technical name for predictive text input. This means you can use predictive text input to enter messages.

 The T9 icon is also visible in the text message window when the feature is activated.

Keys and tools for predictive text input

Key	Purpose
	Use for word entry. Press each key only once for each letter.
	Press to view the next matching word if the underlined word is not correct. To change the underlined word, press  repeatedly until the word you want appears. To insert a special character or punctuation, press and hold  .
Spell	If the dictionary doesn't recognize a word, you will see Spell above the left selection key. Press Spell, type the word and press OK.
	Press once to accept a word and add a space.
	Press once quickly to switch the character case. ABC indicates uppercase. abc indicates lowercase.
	Press and hold to enter a number. 123 indicates 123 mode. Press and hold again to write text letters.
Clear	Press once to delete the character to the left of the cursor. Press and hold to delete all text.
	Press once to add a period.
160	Maximum number of characters available. The character counter appears in the top right corner of the display and counts down for each character added.

Turn off predictive text input

- 1 Repeat steps 1 through 7 in "Turn on predictive text input" on page 83.
- 2 Scroll to Dictionary off and press OK.
Or, press  to toggle between predictive and standard text input. Press  until the icon in the upper left corner indicates the desired input type.

Notes about predictive text input

To insert a symbol, press and hold . The symbol screen appears, showing the following characters:

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

- Scroll to the desired symbol and press Insert.
- When the entry is complete, the word inserted will be underlined.

IF THE WORD IS CORRECT

- Press  to confirm the change and enter a space.
- Start writing the next word.

IF THE WORD IS NOT CORRECT

Press  repeatedly until the desired word appears, then press  to confirm it, OR

- Press Options, scroll to Matches, then press OK. Scroll to the correct word and press Use.
- Start writing the next word.

ADD A DESIRED WORD TO THE MATCH LIST

If the ? character appears after a word, the word you intended to write is not in the dictionary. You can add the word to the dictionary.

- 1 Press  until Spell appears in place of Options.
- 2 Press Spell and enter the word(s) using standard text input.
- 3 Press OK to save the word(s).



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INSERT NUMBERS

- 1 To add a number to the message, press and hold  until **123** appears. You can also press Options and scroll to Insert number.
- 2 Enter the desired numbers, then press and hold  to return to ABC mode.

INSERT SYMBOLS

- 1 To put a symbol in the message, press and hold  until the symbol screen appears (or press Options and scroll to Insert symbol).
- 2 Select the desired symbol (use the scroll keys to move the selection) and press Insert.

WRITE COMPOUND WORDS

- 1 Write the first part of the word and press  to accept it.
Then press Clear once to remove the space.
- 2 Write the last part of the compound word and press  to enter the word in memory.

• WRITE AND SEND A TEXT MESSAGE

- 1 Press Menu 1-1-3 (Messages > Text messages > Write message).
The message screen appears.
- 2 Enter a message of up to 160 characters.
To learn how to enter text quickly. Refer to "Write with predictive text input" on page 83.
- 3 When you've finished writing, press Options, scroll to Send, then press OK.
- 4 Enter or recall from your phone book the recipient's 10-digit phone number, then press Send.
Sending message appears.
When the message is successfully sent, Message sent appears.





Text messages

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If you need to exit while writing the message, press  at any time. Later, press Menu 1-1-3 to return and finish writing the message. If you turn off the phone without saving the message, the message will be lost.

Save a message in the saved folder

When writing a text message, it's a good idea to save it in the saved folder. 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, then press OK

Resend a message from the outbox

Messages in the outbox show one of two icons.

The  icon shows that an attempt to send the message to the text message center has been made.

OR

The  icon shows that no attempt has been made to send the message.

- 1 Scroll to the message, then press Read.
- 2 Press Options.
- 3 Scroll to Forward, select As a message, and press OK.
- 4 With Send highlighted, press OK.
- 5 Enter or find the number where you want to send the message, then press Send.

• RECEIVE A TEXT MESSAGE

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

[87]





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

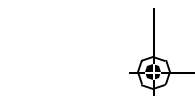
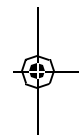
When you receive the above message along with another message Call, followed by a name or number, the message is a page. Only the names of people who are stored in your phone book appear.

- **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 a text message

- 1 Press Read.
This takes you to the Inbox, with the new message selected.
- 2 Press Read again to read the message.
- 3 Press Options for a list of choices you have while reading the message (see the table following this section).
- 4 Press OK when the option you want is highlighted.

In your inbox, text 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.



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.
Call back	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. 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 the start' key.
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.

• 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.



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• ERASE A MESSAGE

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

• REPLY TO A MESSAGE

- 1 While reading a message, press Options.
- 2 Scroll to Reply, then press OK and choose whether your message will be sent as a text message or as e-mail.
- 3 Enter your message, then press Options.
- 4 Scroll to Send, then press OK.
The phone displays the return number.
- 5 Edit the number, or press Send.

• FORWARD A MESSAGE

- 1 While reading a message, press Options.
- 2 Scroll to Forward, then press OK and choose whether your message will be sent as a text message or as e-mail.
- 3 Press Options, or edit the message and press Options.
- 4 Scroll to Send, then press OK.
- 5 Enter or find the recipient's phone number, then press Send.



16 E-mail 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 messages.



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

• SAVE E-MAIL ADDRESSES

You can add an e-mail address to a name you've already saved in the phone book. Or, you can add a name and address as a new entry.

Save an e-mail address for an existing name

- 1 At the Start screen, press Names; at Search, press Select.
The Name box opens.
- 2 Enter the first two letters of the name you want to find and press OK.
- 3 Press Options (or press Details if the Name list view is selected in your phone book), scroll to E-mail address, and press Select.
The E-mail address box opens.
- 4 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.
The Name box opens.
- 2 Enter the name and press OK.
The Number box opens.



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- 3 Enter the phone number and press OK.

The message Saved appears briefly, confirming your action.

Press Details, then Options, scroll to E-mail address, and press Select.

The E-mail address box opens.

- 4 Enter the address.

Press  once to insert a dot (.). Press  6 times to insert the @ sign.

- 5 Press OK.

The message Saved appears briefly, confirming your action.

Edit an e-mail address

- 1 To find the name for the e-mail address you want to edit, follow steps 1 through 3 in "Save an e-mail address for an existing name" on page 91.

- 2 Enter any changes, using the scroll keys to move the insertion point backward and forward in the address.

- 3 When the address is the way you want it, press OK.

The message Saved appears briefly, confirming your action.

• SEND AN E-MAIL MESSAGE

- 1 Press Menu 1-1-5 (Messages > Text messages > Write e-mail). The E-mail address box opens. If your phone asks for an e-mail gateway number, contact your service provider.

- 2 Enter the e-mail address, or press Search.

- e-mail address. Press OK when you've finished.

The Subject box opens.

- Search. The phone lists only those names in your phone book that are saved with corresponding e-mail addresses. Scroll through the names and press OK.



- 3 Enter a subject and press OK.

The subject line can hold a maximum of 26 characters. The subject line is not required.

- 4 When the message screen appears, enter your message.



Note: The maximum number of characters for message length varies; contact your service provider for details.

To turn on predictive text input, refer to "Write with predictive text input" on page 83.

After you complete the message, press Options, select Send, and press OK.

A status message tells you the mail is being sent.

Options for a completed e-mail message

Option	What it does
Send	Sends the message.
Save	Saves the message in the Saved folder.
Clear text	Erases the message.
Exit	Returns to the previous screen.
Dictionary	Activates or deactivates the dictionary (predictive text input).
Spell mode ^d	Adds a new word to the dictionary.
Insert number ^d	Inserts a number in the message.
Insert symbol ^d	Inserts a special character in the message.
Matches ^d	Checks spelling options in the dictionary.

^d Visible only when dictionary activated



16 • 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 that you have 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. For additional information on text messages and pages, refer to "Receive a text message" on page 87.
- **New emergency message:** Means that an emergency message or page was sent by someone by 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 1-1-1(Message > Text messages > Inbox). Select the e-mail message and press Read.

- 2 Press Read again to read the e-mail message.
- 3 Press Options for the following options available while reading the e-mail message.
- 4 Scroll to the option you want, then 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.



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.
Call back	Calls the person who sent you the e-mail 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. 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 the start key.
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.



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• REPLY TO OR FORWARD AN E-MAIL MESSAGE

- 1 If the message is not on the screen, press Menu 1-1-1 (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 your phone asks for an e-mail gateway number, contact your service provider.

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 if it has been saved in your phone book.
 - If you press Search, enter the first few letters of the name you want and press OK when you find the name. The address appears in the Recipient address box. Press OK.
 - The phone lists all the names from your phone book. If you select a name for which there is no email address, your phone displays the message, No e-mail address for this name.
 - If you enter the e-mail address, press OK when you've finished.

- 6 Enter a subject and press OK.

You can leave the line blank if you wish.

- 7 When the message box opens, write your reply or any message you want to add when you forward the mail.

To turn on predictive text input, refer to "Write with predictive text input" on page 83.

- 8 When you finish your message, press Options, scroll to Send, and press OK.



17 Personal assistant

17

Your phone can be your personal assistant. It can 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.

With a calendar, clock, alarm clock, and phone book, you have everything you need to keep track of your life.

• USE THE 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 (Calendar).
If the date is not set, the phone prompts you to do so.
If the date has been set, go to step 3.
- 2 Set the date using the mm/dd/yyyy format.
For example: Type 05042001 for 04 May 2001. The numbers entered overwrite existing numbers.
- 3 Press OK.
The current day and date appear.

Move from day to day

After you set the date, whenever you press Menu 8, your phone displays the current date and day.

- 1 Use the scroll key to move forward or backward through the calendar.
- 2 When the desired date appears, press Options and scroll to highlight the option.



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Create a calendar note

This option enables you to create a note and associate it with one of the following categories: Reminder, Call, Meeting, or Birthday. You can also set an alarm for any calendar note.

- 1 Scroll to the desired day and press Options.
- 2 Scroll to Make note and press Select.
The list of categories appears.
- 3 Scroll to the desired category and press OK.

REMINDER

The Subject field appears.

- 1 Enter the information and press OK. The current date appears.
 - If you want to change the date for this reminder, do so and press OK.
 - If you do not want to change the date, just press OK. The message Set alarm for the note? appears.
- 2 Press Yes or No.
 - If you don't want to set an alarm, press No. The message Calendar note saved appears.
 - If you press Yes, the Alarm date field appears.
- 3 Enter the date on which you want the alarm to sound and press OK.
The Alarm time field appears.
- 4 Enter the time at which you want the alarm to sound using the hh:mm format and press OK.
- 5 Select either am or pm and press OK.

The message Calendar note saved appears.



Note: Step 5 appears only if you have selected the am/pm format.



CALL

The Number field appears.

- 1 Either enter the number and press OK, or press Search and scroll through your phone book until you find the number you want. Press OK.

The Date field appears.

- 2 Enter the date on which you need to make this call and press OK.

The Time field appears.

- 3 Enter the time that you need to make this call using the hh:mm format and press OK.

- 4 Select am or pm and press OK.

The message Set alarm for the note? appears.



Note: Step 4 appears only if you have selected the am/pm format.

- 5 Press Yes or No.

- If you don't want to set an alarm, press No.
- The message Calendar note saved appears.
- If you press Yes, the Alarm date field appears.

- 6 Enter the date on which you want the alarm to sound and press OK.

The Alarm time field appears.

- 7 Enter the time at which you want the alarm to sound using the hh:mm format and press OK.

- 8 Select am or pm and press OK.

The message Calendar note saved appears.



Note: Step 8 appears only if you selected the am/pm format.



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MEETING

The Subject field appears.

- 1 Enter the information and press OK.

The current date appears.

- If you do not want to change the date, press OK.
The Time field appears.
- If you want to change the date for this reminder, do so and press OK.

- 2 Enter the time of the meeting using the hh:mm format and press OK.
Select am or pm and press OK.

The message Set alarm for the note? appears.



Note: Step 2 appears only if you selected the am/pm format.



- 3 Press Yes or No.

- If you don't want to set an alarm, press No.
The message Calendar note saved appears.
- If you press Yes, the Alarm date field appears.

- 4 Enter the date on which you want the alarm to sound and press OK.

The Alarm time field appears.

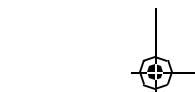
- 5 Enter the time at which you want the alarm to sound using the hh:mm format and press OK.

- 6 Select either am or pm and press OK.

The message Calendar note saved appears.



Note: Step 6 appears only if you selected the am/pm format.



*Personal assistant***17****BIRTHDAY**

The Name field appears.

- 1 Enter the person's name whose birthday you want to be reminded of and press OK.
The Date field appears.

- 2 Enter the month and day of this person's birthday and press OK.
The Year of birth field appears.

- 3 Enter the year using the yyyy format and press OK.
The message Set alarm for the note? appears.

- 4 Press Yes or No.
 - If you don't want to set an alarm, press No.
The message Calendar note saved appears.
 - If you press Yes, the Alarm date field appears.

- 5 Enter the date on which you want the alarm to sound and press OK.
The Alarm time field appears.

- 6 Enter the time at which you want the alarm to sound using the hh:mm format and press OK.

- 7 Select either am or pm and press OK.
The message Calendar note saved appears.



Note: Step 7 appears only if you selected the am/pm format.

View the day's notes

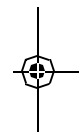
You can review notes you've written for certain days. To review notes for a certain day:

- 1 Open the calendar and scroll to the day you want.
- 2 Press Options, scroll to View Day and press Select.
- 3 Press Options.

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The following options are available:

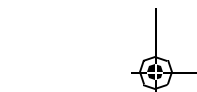
Option	What it does
Erase	Clears a note from your calendar. An Erase note? message appears to confirm your choice. Press OK.
Edit	Displays the note in the Subject/Name field, when you're writing. Make the changes you want and press OK. The date appears. Press OK again. The Set alarm for the note? message appears. Press Yes or No. The message Calendar note saved appears.
Move	Enables you to move the note to another date. When you press this option, the Date field appears. Enter the date to which you want to move this note and press OK. The message Calendar note saved appears.
Send note	Sends the note to another person's phone.



Erase notes

This option enables you to erase notes. You can choose from the following categories: Of chosen day, One by one, or All at once.

- After you choose a category, press Erase to delete the associated notes, or press Back.
- If you choose All at Once, your phone deletes every note that is saved in the calendar. When you're asked to confirm, press Yes or No.



When a calendar alarm goes off

When an alarm goes off, you have two choices: you can either 1) press OK or 2) press Postpone.

- If you press OK, the alarm is silenced.
- If you press Postpone, the following message appears: Alarm postponed for 10 min.

After 10 minutes, the alarm once again goes off. The alarm can be postponed in increments of 10 minutes for up to 90 minutes. You can either:

- Press Postpone again
- OR
- Press OK to stop the alarm.

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 to another phone user if the person has a phone that can receive calendar notes.

- 1 Create a new note, or scroll to the day where a note is stored.
- 2 Press Options, scroll to Send note and press OK.
- 3 In the Number box, 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.
- 4 Press Send.

The phone sends 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, then press OK.

DISCARD VIEWED CALENDAR NOTES

After viewing the calendar note:

- 1 Press Back.
- 2 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.



Note: If you press Exit at any time before saving the business card, the business card will be deleted!



*Personal assistant***17**

- 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, then press OK.
- 2 At the Name: prompt, edit the name if you want to, then press OK.
- 3 At the Number: prompt, edit the number if you want to, then press OK.

Delete a viewed business card

After viewing the business card, press Back, then press Exit. To discard, press Discard, 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 network service, contact your wireless service provider.

Notification of received ringing tone

If you have this service and your phone receives a downloaded ringing tone, it notifies you with an alert tone and displays Ringing tone received.

Listen to received ringing tones



Note: If you press Exit at any time before saving the ringing tone, the ringing tone will be deleted!

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



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Save received ringing tones

- 1 After listening to the ringing tone, press Quit.
- 2 Scroll to Save tone, then 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.
- 4 Press OK.

The phone saves the new tone in the list of ringing tones.

Discard received ringing tones

To discard a ringing tone without saving:

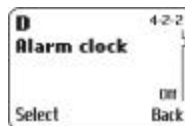
Press Exit.

OR

Scroll to Discard tone and press OK.

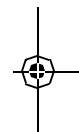
• ALARM CLOCK

The alarm clock operates off your phone's clock. You can set the alarm clock to ring at any time, even 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.

To set the time, refer to "Set and display the clock" on page 63.





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Set the alarm clock

- 1 Press Menu 4-2-2 (Settings > Phone settings > Alarm clock).
The Set alarm time message appears.
- 2 Enter the time for which you want to set the alarm using 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.



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





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Turn off the alarm clock when it rings

When the alarm clock rings:

- Press Stop to turn it off. The phone asks if you want to keep the phone on. Press Yes or No.
- Press Snooze to set the alarm to go off again in 10 minutes.

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.

Deactivate the alarm clock

To turn the alarm off setting:

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

If you have selected the Silent or Meeting profile, your alarm beeps only once. The best profile to use when using the alarm clock is Normal or Outdoor, unless these profiles have been modified from their original settings.



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

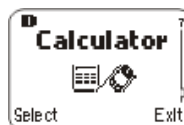
• CALCULATOR

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

Use the calculator

- 1 Press Menu 7 (Calculator).
- 2 Enter the first number in the calculation.

If you need to enter a number with a decimal point, press  to indicate it.



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- 3 Based upon the type of calculation, use the following:

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

Or, you can press Options, scroll to Equals, Add, Subtract, Multiply, Divide, To home, To visited, or Exchange rate. Then press OK.

- 4 Enter the second number in the calculation and press Options.
5 Scroll to Equals and press OK.

Press Clear to erase any mistakes.



Note: Repeat steps 4 and 5 as many times as necessary.

Convert currency

You can use the calculator to first set the exchange rate and calculate the exchange rate.

SET THE EXCHANGE RATE

- 1 Press Menu 7 (Calculator), then press Options.
2 Scroll to Exchange rate and press OK.
Select the exchange rate: How many home units to a visited unit, or How many visited units to a home unit.
3 Press OK.
The exchange rate box opens with the number 1.
4 Enter the appropriate number and press OK.



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The number 1 is overwritten by the number you entered. To enter a decimal point, press .

- 5 Press OK.

The Rate saved message appears.

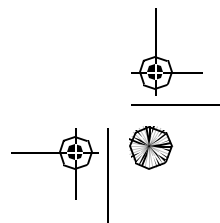
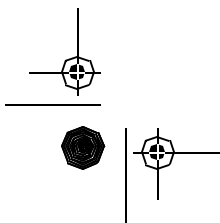
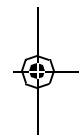
CALCULATE CURRENCY USING THE EXCHANGE RATE

- 1 Press Menu 7 (Calculator).
- 2 Enter number of units comprising the exchange rate.
- 3 Press Options and scroll to To home or To visited.

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.

- 4 Press OK.



18 Fun and games

Not only can you use your phone for communication but also for some serious fun. Your phone offers three games: Space Impact, Pairs 2, and Snake 2.



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 Scroll to the Games menu, and press Select.
- 2 Highlight Select game, and press Select.
- 3 Scroll to the desired game, and press Select.
- 4 Select New game, and press Select.

Use the option Instructions to learn how to play the game. With the option Level you can choose the difficulty level of the game.

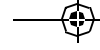
Please visit Nokia games services on the Internet for more hints and tips:
<http://www.nokia.com>

• SPACE IMPACT

Use your weapons to survive alien attacks. When you defeat all the enemies, you progress to the next level. Use  and  to move up and down,  and  to move left and right. Key  or  fires the main weapons, and key  or  fires bonus weapons.

• PAIRS 2

Uncover pictures to find pairs, but use as few tries as possible. In Arcade mode, you must find all the pairs before the bomb explodes. Move the cursor with keys , , , and . Press  to reveal the pictures. To advance to the next level, you must match all the pairs before the dynamite fuse runs out.

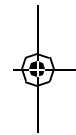
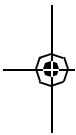


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• SNAKE 2

Feed the snake with as many goodies as possible and watch it grow.

Use keys , , , and  to turn the snake toward the food. 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.



19 Wireless Internet

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



You can also save the address of any Internet site as a bookmark, much the same way you bookmark a Web page on your personal computer.



Important: To use the browser, you may need to subscribe to additional services, if available. Also, your service provider may need to configure your phone for browsing after you've subscribed. Contact your service provider for more information.

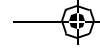
• NOTES ON WIRELESS INTERNET ACCESS

This section gives a brief overview of wireless Internet access and provides some notes that may be useful in understanding wireless access.

Technology background

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

Today, most WAP sites consist of text and hyperlinks, and some sites can accept text input. Some pages even contain low-resolution graphics. Your service provider and others are free to design WAP sites as they choose, so the sites are as variable as Web pages on the Internet.



Important: Internet content received over a secure connection and stored in your browser's cache may be reused over nonsecure connections and may create security issues. Nokia recommends that you check with your service provider to determine if emptying your browser's cache after each browsing session or some other method should be used to avoid security issues.

The service provider's role

Because wireless Internet content is designed to be viewed from your phone, your wireless service provider now becomes your "wireless Internet service provider" as well.

It's likely that your service provider has created a home page and set up your browser to go to this page when you connect to the Internet. On your service provider's home page, you'll find links to a number of other sites that offer wireless access.



• SET UP FOR BROWSING

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



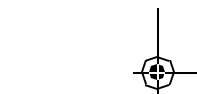
• SIGN ON TO THE INTERNET

To connect to the Internet.

- 1 At the Start screen, press Menu 10 (Menu > Services).
- 2 At the Services menu, press Select.
- 3 Select Home.

Your phone connects to the Internet and to your service provider's home page.

- The message Connecting to service appears on the screen until the connection is complete.





WirelessInternet

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

• USE BROWSER OPTIONS (SERVICES MENU)

The Services menu gives you the options shown in the following list.

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

Option	What it does
Clear cache	Empties the browser's temporary memory and frees up space. It's advisable to empty your cache at the end of each session.
Home	Starts the browser and takes you to your service provider's home page.
Settings	Provides options for changing connection settings, appearance settings, and security certificate.

• SIGN OFF THE INTERNET

Press  at any time (or press Exit).

• NAVIGATE THE WIRELESS INTERNET

The following pictures show most of the elements you may find on a wireless Internet site. These are examples only.

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Header line: The current Internet site.

Active hyperlink: Highlighted option ready to be chosen.

Inactive hyperlink: Scroll to select a link and press OK to switch to other pages on the current site or to other sites.



Scroll through the list of links ( and ).

Selection list: Brackets [] mean you can press the link to show additional choices or links.



Options/Back: Press Options to go to the site's menu and/or the browser menu. Press Back to return to the previous page.

Data entry field: Brackets [] around three dots appear when you need to enter information. For example, you might enter a city name, an airline name or flight number, or a stock symbol.



Edit a data entry field

To enter information, perform the steps below:

- 1 Scroll to highlight the data entry field.
- 2 Use the phone's keypad to enter the text in the data entry field (for example, Miami), and press Options and select OK.
The text you entered now appears between the brackets in the field.
- 3 Scroll to the link you want (for example, Get forecast?) and press Options and select Open link.

Choose browser options (while connected)

While you're connected to the Internet, the phone's browser provides the options described in the following list.



Tip: Developers of wireless Internet sites may add options to the browser menu that are specific to their Web sites. These options are often links to other areas within the site. As in any other menu, scroll to the link you want and press Select.

Option	What it does
Home	Takes you back to the service provider's home page.
Bookmarks	Shows a list of all saved bookmarks.
Edit or Select	Allows you to edit the currently selected browser element (for example, a checklist or text entry field), or selects the active (highlighted) hyperlink.
Go to address	Accepts an address you enter.
Use Number	Captures a phone number shown on the screen to add to the phone book or place a call.
Clear cache	Empties the browser's temporary memory.
Exit	Exits the current session and returns to the Start screen.

• USE BOOKMARKS

You can save addresses for your favorite sites as bookmarks. A **bookmark** helps you find a site again, just as a slip of paper in a book helps you find a page.

- If a wireless Internet site has a title, it will appear in the bookmark list (for example, Yahoo! News, ebay on WAP, Mapquest).



- If the site has no title, the site's address will appear in the list of bookmarks (for example, <http://www.yahoo.com/news.wml>).

SAVE AN ADDRESS AS A BOOKMARK

- 1 Navigate to the site you want to bookmark and press Options.
- 2 Scroll to Add Bookmark and press Select.

ENTER A BOOKMARK MANUALLY

- 1 At the Services menu, press Select.
- 2 Scroll to Bookmarks and press Select.
- 3 Press Options.
- 4 Highlight New bookmark and press Select.
- 5 Enter the site's address (example: my.yahoo.com) and press OK.

You don't need to enter the <http://> characters. They are added automatically.

- 6 Enter a name for the new bookmark and press OK.

RETURN TO A BOOKMARKED SITE

- 1 At the Services menu, press Options.
- 2 Scroll to Bookmarks and press Select.
- 3 Scroll to the bookmark you want and press OK.

If you are not currently browsing, the phone will connect to the Internet.



20 Reference information

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• 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 an ACP-7U, an ACP-8U, LCH-8, or an LCH-9. 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.

- When the battery is fully charged, the indicator will tell you that 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.

An example of short-circuiting could occur if you carry a spare battery in your pocket or purse, where the battery could come into contact with such objects like a coin. Short-circuiting could damage either the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in either summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15° C and 25° C (59° F and 77° F).

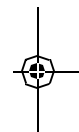
A phone with a hot or cold battery might not work temporarily, even if the battery is fully charged. The performance of Li-Ion batteries is particularly limited in temperatures below 0° C (32° F).

The following list provides 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

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



Traffic safety

Do not use a wireless phone while driving a vehicle. 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—Your most important call. Road safety 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.

Note: Do not connect incompatible 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 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



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

HEARING AIDS

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.

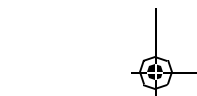
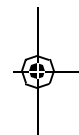
VEHICLES

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

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



*Reference information***20****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). And, you 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

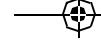
Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service could be dangerous and might invalidate any warranty that could apply to the unit.

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 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 .

You can also use the emergency key . Refer to “Use emergency key 9” on page 68.

*Reference information***20**

If certain features are in use (Keyguard, 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.

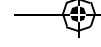
When making an emergency call, remember to give all of the necessary information as accurately as possible. Remember that your wireless phone might be the only means of communication at the scene of an accident—do not terminate the call until given permission to do so.

- 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 _____ W/kg and when worn on the body, as described in this user guide, is _____ 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 <http://www.fcc.gov/oet/fccid> after searching on FCC ID _____.

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only Nokia-approved accessories. When carrying the phone while it is on, use the specific Nokia belt-clip that has been tested for compliance.

Use of non-Nokia-approved accessories may violate FCC RF exposure guidelines and should be avoided.

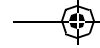
*In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. 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 <http://www.nokia.com>.

Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfill any warranty obligations and 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. 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.
- Use only the supplied or approved replacement antenna. 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.



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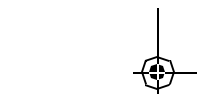
• ACCESSORIES

If you want to enhance your phone's functionality, a range of accessories is available for you. You can select any of these items to help accommodate your specific communication needs. For availability of these and other accessories, contact your service provider.



A FEW PRACTICAL RULES FOR ACCESSORY OPERATION

- Keep all accessories out of reach of small children.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that any vehicle-installed accessories are mounted and are operating properly.
- Installation of any complex car accessories *must* be made by qualified personnel only.
- Use only batteries, chargers, and accessories that have been approved by the phone manufacturer. The use of any other types could invalidate any approval or warranty applying to the phone could 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 is a lithium ion (Li-Ion) battery. Dispose of used batteries in accordance with any local regulations.

The tables shown in this section provide information about battery options that are available 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.



Note: The charging times listed in the next section are approximate.

CHARGING TIMES

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

The times displayed above allow your battery to obtain approximately 80% of its capacity. When this happens, the battery scroll bars on your phone's screen stop scrolling.

If you want to obtain 100% battery capacity, allow another 2 hours for a "trickle" or "maintenance" charge.

STANDBY AND TALK TIMES

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

The above times are approximate. Battery operation times vary according to signal conditions, network parameters that are set by the service provider, and how you use your phone.

20

• CHARGERS AND OTHER ACCESSORIES

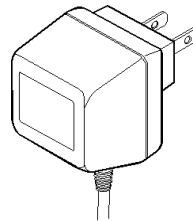
This section provides information about the phone's chargers and accessories. Be aware that the information in this section is subject to change as the chargers and accessories change.

The chargers and accessories that are described in this section are available for your phone. Contact your dealer for details. Also, refer to the accessories brochure that was included in your sales package for the entire line of Nokia Original Accessories.

Standard Travel Charger (ACP-7U)

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

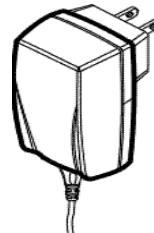
To use the Standard Travel Charger, plug it into a wall outlet and connect the lead from the charger to the base of your phone.

**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 129.



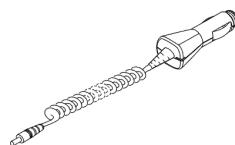
Reference information

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Rapid Mobile Charger (LCH-8/LCH-9)

You can charge your phone's battery from your vehicle battery by using the Rapid Mobile Charger (LCH-8/LCH-9).

Calls are possible during charging. A green light indicates that the charger is ready for charging. The battery charging times are 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 (LCH-8/LCH-9) when the car engine is not running; this could cause your car battery to drain. Note also, that in some cars, the cigarette lighter plug is not provided with electricity if the ignition is not switched on.

Nokia Xpress-on™ color covers

UPDATE SECTION FOR GIOVANNI

Your phone's Xpress-on™ cover is available in several fashion colors. Extra covers may be purchased from your authorized Nokia dealer.



Note: Always store the phone with cover attached.

REMOVE THE BACK COVER

- 1 Switch off the power and disconnect the phone from the charger or any other device.
- 2 Push in the release button on the back of the phone (1), slide the cover toward the top of the phone (2 and 3), and remove it.



UPDATE PAGE FOR GIOVANNI

REMOVE THE FRONT COVER

- 1 Use the finger rests on each side of the phone and hold the phone face down.
- 2 While holding the phone, place your finger on the groove between the phone and the cover.
- 3 Gently pry the front cover away from the phone and lift the phone out of the cover.



REMOVE THE KEYPAD

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

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 with its place in the top of the front cover.
- 2 Gently push the bottom of the phone into the bottom of the front cover until it snaps 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.



21 Frequently asked questions (FAQ)

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

Some of the answers tell you to use menu shortcuts. For a complete listing of these shortcuts, refer to "Shortcuts" on page 23.

Q. How do I lock my phone?

A. Press Menu 4-3-2-1 (Menu > Settings > Security settings > access codes), enter your lock code, scroll to On, and press OK.

Q. How do I unlock my phone?

A. Press Menu 4-3-2-1 (Menu > Settings > Security settings > access codes), enter your lock code, scroll to Off, and press OK.

Q. What is my lock code?

A. The lock code enables you to lock your phone, thus preventing someone else from using it. The default lock code is 1234. However, it is suggested that you change this code immediately.

Q. What is my security code?

A. The default security code is 12345. However, it is suggested that you change this code immediately. Certain features can be used *only* after the correct security code has been successfully entered.

Q. How do I lock the keypad?

A. There are three ways you can lock the keypad: 1) press and hold , 2) press Menu , or 3) from the Start screen, press Menu 9 (Menu > Keyguard). The term Keyguard is also used in connection with this feature.



Q. How do I unlock the keypad?

A. There are two ways you can unlock the keypad: press and hold  and press OK, or press Unlock and . The term Keyguard is also used in connection with this feature.

Q. How do I make the ringing louder?

A. Press Menu 3-1-2-2 (Menu > Profiles > Normal > Customize > Ringing volume), then choose a volume level.

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, then press Options.

- Highlight Customize and press OK.
- Scroll to Ringing tones, then 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 1-2-2, enter your voice mailbox phone number, and press OK. The screen tells you that the number is saved. Then the following message appears: Save hidden voice mailbox password? Press Yes to save this number.

This voice mailbox number is valid unless your phone number changes. 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. If you'd rather listen to your messages later, press Exit.



*Frequently asked questions (FAQ)***21**

To listen to your voice messages at a later time, perform one of the following actions:

- 1 Press and hold the 1 key.
- 2 Press Menu 1-2-1 (Messages > Voice messages > Listen to voice messages). The messageCalling voice mailbox appears on the screen. Follow the prompts to access your messages.

Q. How do I find my phone's model number?

- A. A type label is located under the phone's battery and contains model number. Turn your phone off, then remove the battery from the back of 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.

Press Select.

Scroll to the first 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.

Q. How do I find out how many memory locations the phone has?

- 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.



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

A. Turn your phone off. Remove the phone's back cover, grasp the ridge at the end of the battery and lift the battery out. On the inside of the phone, on the sticker that was beneath the battery, after the letters ESN, your phone's ESN appears.

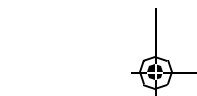
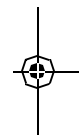
Q. How can I change the contrast of my phone's display?

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 and when the Security code field appears, enter your security code and press OK.





22 Glossary

This section lists various terms and provides definitions.

antenna	The transmitting device that sends or receives radio signals to and from your phone.
battery	The power source for the phone.
call forwarding	A network services feature you use to forward incoming calls to another number.
call waiting	A network services feature that enables your phone to beep while you are in the middle of a call. The beep lets you know that someone else is calling you.
caller ID	A network services feature that identifies incoming calls.
digital/analog selection	A network services feature that enables you to switch your phone between digital and analog modes. This feature is available only for certain phones.
electronic serial number (ESN)	The identification number that is assigned to the phone.
home system	The system in which your phone works without having to roam.
icons	Small pictures that appear on your phone's screen and are representative of something. For example, the ABC icon indicates that you can enter alphabetic text into a specific field.
keypad tones	See <i>tones</i> .



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message alert tone See *tones*.

microphone The place on your phone into which you speak.

mobile-originated short message service (MO-SMS) A short messaging service that allows you to send text messages from your phone, as well as receive them.

network services Special services to which your wireless service provider can give you access. Services include:

- Call forwarding
- Call waiting
- Caller ID
- Digital/analog selection
- Public system selection
- Send own number
- Selecting a phone number
- Voice mail
- Voice privacy

public system selection A network services feature you can use to switch from the default public system (home system) your phone uses to either a private or a residential system.

ringing tone See *tones*.

ringing volume The volume level at which your phone rings. You can set the phone to ring softer or louder.

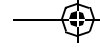
roaming Occurs when you take your phone to an area that is outside of your home system.





scrolling	Moving through a list that is displayed on your phone, such as a menu list or a listing of phone numbers.
sending own number	A network services feature that enables you to determine, on a per-call basis, whether you want your telephone number to display on another phone's caller ID.
selecting a phone number	A network services feature that enables you to switch between phone numbers if you have more than one.
start screen	The window on your phone on which information is displayed—phone numbers, text messages, icons, menu options, and more.
system	A wireless network in which your phone works. There are three types of systems: residential, private, and public. The public system is also known as a home system, and it is in this system that your phone works. If you take your phone outside of this system, roaming occurs.
tones	Sounds that the phone uses to indicate the sound: • When you press a key—keypad tone • When you receive a text message—message alert tone • When you receive a call—ringing tone • When a warning condition occurs (such as when a battery runs low) or when you're playing a game—warning and game tones You can choose the way the tone sounds. For example, you can choose a short ring, an ascending ring, or a beep.





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- voice channel** A channel on which a voice conversation occurs and on which brief digital messages may be sent from a base station to a mobile station or from a mobile station to a base station.
- voice mail** A network services feature that enables people who call and miss you to leave a voice message on your phone. You can then retrieve these messages from your voice mailbox.
- voice mailbox** The area of the phone that collects and saves the voice messages left by those who call and miss you.
- voice privacy** A network services feature that encrypts the voice channel so that people cannot eavesdrop on your phone conversations.
- volume** The volume level you set for the earpiece. This controls how loud the sound is in the earpiece. You can adjust the volume (while in a call or at any time) by pressing the volume keys on the upper left side of the phone.
- warning and game tones** See *tones*.



23 Technical information

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Feature	Specification
Weight	3.8 oz with standard battery (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	200
Memory Capacity	Alpha: 26 digits per location Numeric: 32 digits per location

23 • TROUBLESHOOTING

The table below lists some of the most commonly-encountered problems and provides possible solutions.

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 poor.	If you are indoors, move toward a window.
I can't listen to my voice messages.	You don't have voice mail service.	Call your wireless service provider.
	You have not set up your voice mailbox with your service provider.	Call your wireless service provider.
	You have not saved your voice mail number in your phone.	Refer to "Set up your voice mailbox" on page 37.
	The voice mail number you have saved is incorrect.	Call your wireless service provider.
	You have forgotten your password or are entering it incorrectly.	Call your wireless service provider.

24 NOKIA One-Year Limited Warranty

24

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.
- 2 The limited warranty extends to the original purchaser of the Product ("Consumer") 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.
- 4 During the limited warranty period, Nokia will repair, or replace, at Nokia's option, any defective parts, or any parts that will not properly operate for their intended use with new or factory rebuilt 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 subject 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, or damage caused by the connection to other products not recommended for interconnection by Nokia.
 - c) Nokia was not advised by the Consumer in writing 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.
- 8 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.

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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 or authorize the repair of the Product under the limited warranty within 30 days after receipt of the Product by Nokia or an Nokia authorized service center. If Nokia cannot perform repair 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.

f) If the Product is returned to Nokia 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 to Nokia 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 The Product consists of newly assembled equipment that may contain used components that have been reprocessed to allow machine



compliance with Product performance and reliability specifications.

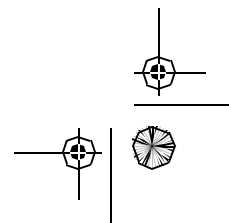
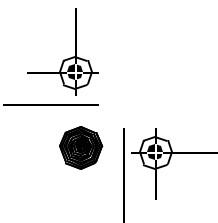
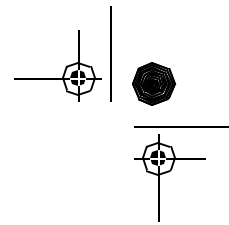
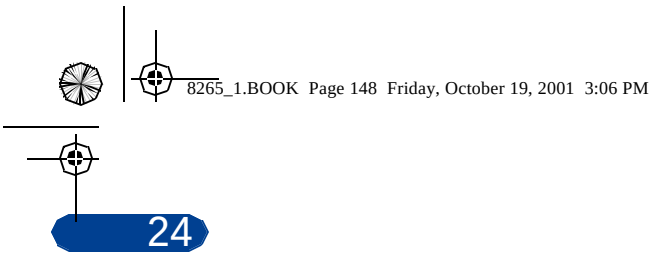
- 10 ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR USE, SHALL BE LIMITED TO THE DURATION OF THE FOREGOING LIMITED WRITTEN WARRANTY. OTHERWISE, THE FOREGOING LIMITED WARRANTY IS THE CONSUMER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. NOKIA SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OF SAVINGS OR REVENUE, 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 CONSUMERS, 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 above 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.



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- 13** This is the entire warranty between Nokia and the Consumer, and supersedes all prior and contemporaneous agreements or understandings, oral or written, and all communications 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 of the Product.
- 15** Any action or lawsuit for breach of warranty must be commenced within eighteen (18) months following delivery of the Product.
- 16** Questions concerning this limited warranty may be directed to:
- Nokia Customer Care Center
7725 Woodland Center Blvd., Ste. 150
Tampa, FL 33614
Telephone: 1-888-NOKIA-2U (1-888-665-4228)
Facsimile: 1-813-249-9619
- For the hearing-impaired only (TTY):
1-800-24-NOKIA (1-800-246-6542)
- 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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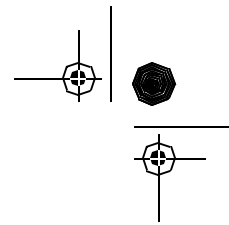
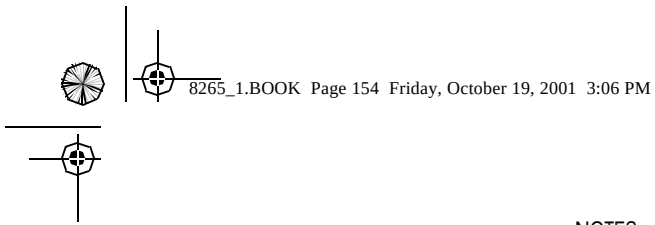
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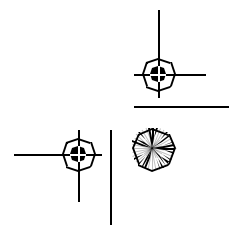
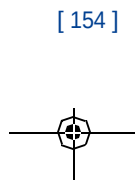
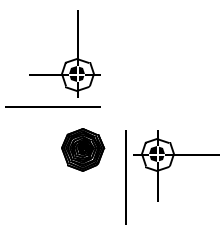
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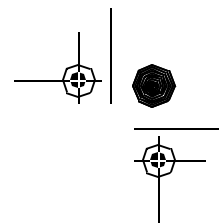
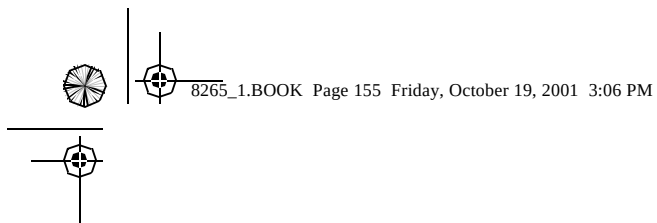
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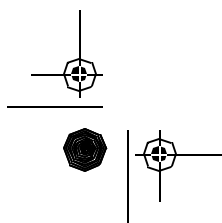


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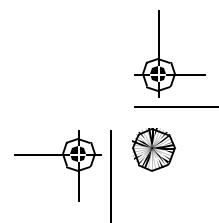




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Para obtener un manual del usuario en español favor de
llamar o enviar un fax al teléfono 1-888-NOKIA-2U,
fax 813-249-9619.

