

NOKIA 6360

User Guide



NOKIA
CONNECTING PEOPLE

Nokia 6360

User Guide

Phone notes

	Notes	Where to get information
My number		Wireless service provider
Number to call for voice mail		Wireless service provider
Wireless provider's number		Wireless service provider
Provider's customer care		Wireless service provider
Model number	6360	See "An illustrated view of the 6360" on page 10.
Phone type	NPW-2	Back of title page
Electronic serial number (ESN)		See "Have the right information available" on page 8.

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

LEGAL INFORMATION

Part No. 9353798, Issue No. 1

©2001 Nokia Mobile Phones. All rights reserved.

Nokia is a registered trademark of Nokia Corporation.

Printed in Canada 12/2001

Nokia, Nokia Connecting People and the Original Accessories logos are trademarks of Nokia Corporation and/or its affiliates.

US Patent No 5818437 and other pending patents.

T9 text input software Copyright ©1999-2001. Tegic Communications, Inc.

All rights reserved.



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

The information contained in this user guide was written for Nokia phone 6360. Nokia operates a policy of continuous development. Nokia reserves the right to make changes and improvements to any of the products described in this document without prior notice.

UNDER NO CIRCUMSTANCES SHALL NOKIA BE RESPONSIBLE FOR ANY LOSS OF DATA OR INCOME OR ANY SPECIAL, INCIDENTAL, AND CONSEQUENTIAL OR INDIRECT DAMAGES HOWSOEVER CAUSED.

THE CONTENTS OF THIS DOCUMENT ARE PROVIDED "AS IS." EXCEPT AS REQUIRED BY APPLICABLE LAW, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY AND RELIABILITY OR CONTENTS OF THIS DOCUMENT. NOKIA RESERVES THE RIGHT TO REVISE THIS DOCUMENT OR WITHDRAW IT AT ANY TIME WITHOUT PRIOR NOTICE.

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.

Contents

1	Safety first	1
2	Welcome	4
	Get the most out of this guide	4
	Quick guide to functions	5
	Menu shortcuts	6
	Names (Phone book)	6
	Contact Nokia	8
	Contact your service provider	9
3	Review the basics	10
	About the antenna	11
	About the battery	11
	Remove the battery	13
	Important battery information	13
	Switch on your phone	14
	Check the Start screen	14
4	Set up your phone	16
	Set up your headset	16
	Lock keypad (keyguard)	18
	Learn the keys	18
	Make and answer calls	19
	Review phone symbols	21
	Use the selection keys	22
	Check in-phone help	23
	Browse phone menus	23
	Shortcuts	24
	Names menu	28

5	Add information	29
	About entering letters and numbers	29
	ABC and 123 methods	30
	Write with predictive text	33
6	Use the phone book	38
	Open the phone book	38
	Save names and numbers	38
	Save a text entry with a name	39
	Retrieve information	39
	Use phone book menus	40
	Edit a name or number	42
	Erase stored names and numbers	42
	Erase the entire phone book	42
	Add a second number to a name	43
	Create caller groups	44
	Check memory status	45
7	Check call history	46
	Check missed, received, or dialed calls	46
	Clear call lists	47
	Check call timers	48
	Turn on a current call timer	49
	Clear call timers	49
8	Use advanced calling features	50
	Set in-call options	50
	Use call waiting	51
	Use call forwarding	53
	Redial automatically	54

Use a calling card	55
Voice dialing	57
Voice recorder	59
Voice commands	61
Send your own number in caller ID	62
Select a phone number	63
Set touch tones	64
9 Use voice mail	67
Check for messages	67
Set up your voice mailbox	67
Set greetings	68
Listen to your voice messages	68
10 Personalize rings and tones	69
What is a profile?	69
Select a different profile	69
Customize a profile	70
Rename profiles	74
11 Personalize phone settings	75
Set the language	75
Set and display the clock	75
Set the clock to be updated by the network	76
Add a welcome note	77
Use speed dialing	77
Set your phone to answer automatically	79
Set the lights (car kit only)	79
Restore the factory settings	80
Learn about accessibility solutions	80

12	Manage phone security	.83
	Change your security code	.83
	Restrict calls	.84
13	Your personal digital assistant	.87
	Calendar	.87
	To-do list	.89
	Use the calculator	.89
	Stopwatch	.91
14	Use prepaid services	.94
	Manage prepaid service	.94
	Save your access numbers	.94
	Add money to your account	.95
	Check your prepaid balance	.95
15	Set network services features	.96
	Set up how your phone selects a network	.96
	Use your phone while traveling	.97
16	Communicate with text messages	.98
	About text messages	.98
	Use folders for text messages	.98
	Write and send a text message	.99
	Resend a message from the outbox	.100
	Receive a text message	.101
	Read a text message	.101
	Save a message in the archive folder	.102
	Customize message settings	.103
	When your phone's memory is full	.103
	Erase messages	.103
	Reply to a message	.104

Forward a message	105
Send and receive e-mail messages	105
Reply to or forward an e-mail message	106
Receive an e-mail message	106
Use templates	106
Picture messages	107
Chat with other phone users	109
17 Use special features	111
Send and receive business cards	111
Download ringing tones	112
Set the alarm clock	113
18 Infrared	115
Infrared basics	115
Send and receive information	116
PC Connectivity	118
19 Connect to the Internet	119
Set up for browsing	119
Sign on to the Internet	120
Use browser options (Services Menu)	120
Sign off the Internet	120
Use bookmarks	122
20 Play games	123
21 Frequently asked questions (FAQ)	124
22 Glossary	127

23	Reference information	129
	Batteries and chargers	129
	Important safety information	130
	Emergency calls	133
	Accessories	137
	Batteries	137
	Chargers and other accessories	138
	Troubleshooting	141
	Technical Information	142
24	Nokia One-Year Limited Warranty	143
	Index	148

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 safety information, refer to "Important safety information" on page 130.



Road safety comes first

Do not use a wireless phone while driving. Park the vehicle first.



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 phone off near medical equipment.



Switch off in aircraft

Wireless devices can cause interference.



Switch off when refueling

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



Switch off near blasting

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



Use your phone sensibly

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



Observe infrared precautions

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



Use only qualified service personnel

Only qualified personnel may install or repair phone equipment.



Use approved accessories and batteries

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



Keep your phone dry

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



Backup copies

Remember to make backup copies of all important data.



Connecting to other devices

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.



Read instructions before you connect to other devices

When you connect your phone to any other device, read the device's user guide for detailed safety instructions. Do not connect incompatible products. Remember to make backup copies of all important data.



Make calls

Before you make a call, be sure your phone is switched on, and in service. Enter the phone number, including the area code, then press . To end a call, press . Press to answer an incoming call.



Make emergency calls

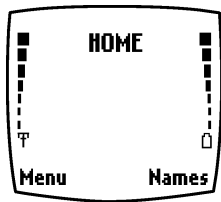
Make sure the phone is switched on and in service. If the word Clear appears on the screen above the right selection key, press and hold to return to the start screen where an emergency call can be made. Enter the emergency number, then press . Give your location. Do *not* end the call until told to do so.

2 Welcome

Congratulations on your purchase of a Nokia 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
- How to understand network services
- How to contact Nokia










• GET THE MOST OUT OF THIS GUIDE

The tips that follow can help you use this guide efficiently as you learn to use your phone.

Understand the terms

- **Press** means to briefly press then release a key. For example, **Press**  means "Press the zero key."
- **Press Menu** means to press the key that is below the word **Menu** on the phone's screen.
- **Press and hold** means to press and hold a key for 2 to 3 seconds (depending on the feature you're using), then release the key.
- Use the **selection keys**  and  to choose an option in a menu.
- **Highlighted** means that an option you see on the screen is enclosed in a dark bar. Choices you make with the two selection keys act on the highlighted option.

• QUICK GUIDE TO FUNCTIONS

- Make a call Enter phone number, press .
- Answer a call Press  or Answer.
- Answer with call waiting Press .
- End a call Press .
- Ignore a call Press .
- Redial Press  twice.
- Adjust call volume During a call, press up or down on the side volume key to adjust call volume.
- Use the in-call menu In a call, press **Options**.
- Use 1-touch dialing Press and hold one of keys 2 through 9.
- Save a name and number Enter a number, press **Options** and select **Save**, then enter a name and press **OK**.
- Retrieve a name/number Press **Names**, select **Find**.
- Retrieve a name/number during a call Press **Options**, scroll **New call**, press **Select**, press **Find**, enter first letter of the name.
- Check voice mail Press and hold  or call your voice mailbox number.
- Send a text message Press **Menu 01-1**. Select **Write message**. Write the message. Press **Options**, scroll to **Send**, press **Select**, enter the recipient's number, press **OK**.
- Send an E-mail message Press **Menu 01-2**. Select **Write e-mail**, enter the recipient's address, press **OK**, enter the subject, press **OK**, write the message, press **Options**, select **Send e-mail**, enter the **Gateway number**, press **OK**.
- Read new message Press **Show**, then press **Select**.
- Reply to a message Press **Options**, select **Reply**, select **As message**, choose a reply option, write the reply, press **Options**, select **Send**, then press **OK**.
- Reply to an E-mail message Press **Options**, scroll to **Reply**, press **OK**, choose **As e-mail**, press **Select**, then follow instructions for sending an e-mail message.
- Send a business card Retrieve a name from the phone book, press **Details**, press **Options**, select **Send bus. card**, select **SMS**, enter the recipient's number, press **OK**.

2 • MENU SHORTCUTS

01 Messages

- 01-1 Write message
- 01-2 Write e-mail
- 01-3 Chat
- 01-4 Inbox
- 01-5 Outbox
- 01-6 Archive
- 01-7 Templates
- 01-8 Erase messages
- 01-9 Voice messages
- 01-10 Message settings

2 Call log

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

3 Profiles

- 3-1 Normal
- 3-2 Silent
- 3-3 Meeting
- 3-4 Outdoor
- 3-5 Pager

4 Settings

- 4-1 Tone settings
- 4-2 Time settings
- 4-3 Call settings
- 4-4 Phone settings
- 4-5 Accessory settings
- 4-6 Network services
- 4-7 Security settings
- 4-8 Restore factory settings

5 Voice

- 5-1 Voice recorder
- 5-2 Voice tags
- 5-3 Voice commands

6 Organizer

- 6-1 Calendar
- 6-2 To-do list

7 Tools

- 7-1 Calculator
- 7-2 Stopwatch

8 Games

9 Infrared

10 Services

11 Prepaid

• NAMES (PHONE BOOK)

- 1 Find
- 2 Add entry
- 3 Edit name
- 4 Erase
- 5 Add number
- 6 Settings
- 7 1-touch dialing
- 8 Voice tags
- 9 Caller groups



Observe 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	Indicates one of the following items: <ul style="list-style-type: none">• The word or phrase appears on the phone's screen.• Special text such as Notes and Warnings.
bold and blue	The word is an address on the World Wide Web.
bold and blue	A definition for the word or phrase appears in the terms list (glossary) near the end of the user guide.
<i>italic</i>	Italics indicate emphasis. Pay close attention to any information in italics.

Follow graphic clues

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



Tip: Provides information about a shortcut or an alternate method of doing something.



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



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



Caution: Warns you when you may lose information.



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

Look for updates

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

<http://www.nokia.com>

Also, an interactive user guide is available at:

www.nokiahowto.com

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.

Note differences among service providers

Wireless service providers may differ in their support of features. Some may not support all languages available in your phone. Before you sign up, make sure a wireless provider supports the features that you need.

• CONTACT NOKIA

When you need help, the Nokia Customer Care department can provide information about Nokia products. However, you may wish to check the chapter "Frequently asked questions (FAQ)" on page 124, before calling the customer care center. Have the phone or accessory handy. Whether you're calling about your phone or an accessory, have the equipment with you when you call. For example, if you're calling about a headset, please have it handy.

Have the right information available

We recommend that you have the following information available before you contact the Nokia Customer Care department:

- The phone's model number
- Electronic serial number (ESN)
- Your ZIP code

The serial number (ESN) is on your phone's label.

Nokia Customer Care Center, USA	Customer Interaction Centre, Canada
Nokia Mobile Phones 7725 Woodland Center Boulevard, Suite #150 Tampa, Florida 33614 Tel: 1-888-NOKIA-2U (1-888-665-4228) Fax: 1-813-249-9619 TTY/TDD Users Only: 1-800-24-NOKIA (1-800-246-6542)	Nokia Products Ltd. 601 Westney Rd. South Ajax, Ontario L1S 4N7 Tel: 1-888-22-NOKIA (1-888-226-6542) Fax: 1-905-427-1070

Your phone's label

The label is on the back of your phone (under the battery). It contains important information about your phone, including the model and serial numbers.

Please do not remove or deface the label.

Nokia recommends that you note this information on the first page of this guide.

• CONTACT YOUR SERVICE PROVIDER

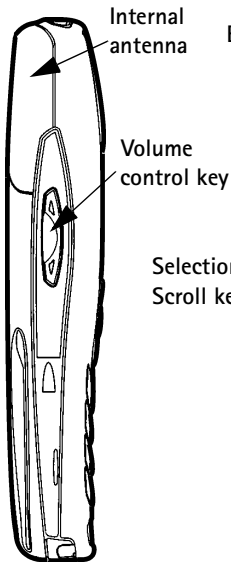
Some service providers program a one-key customer support number into the phone. This number can be useful if you're having trouble dialing a number, especially when you're traveling outside your home area.

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

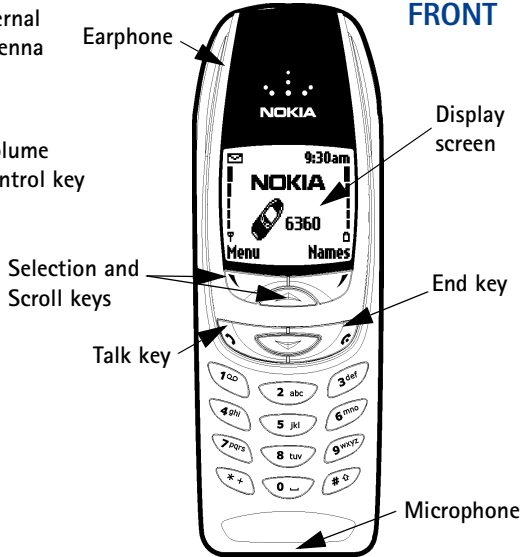
3 Review the basics

An illustrated view of the 6360

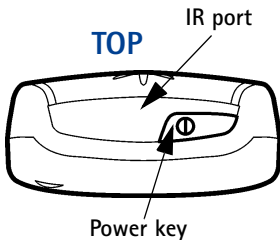
LEFT SIDE



FRONT

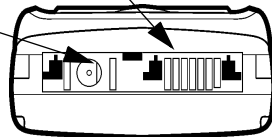


TOP



Headset/TTY/Data cable connector

Charger

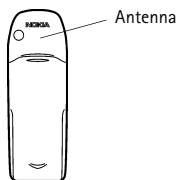


BOTTOM

• ABOUT THE ANTENNA

Your phone has a built-in antenna. As with any other radio transmitting device, avoid touching the antenna when the phone is in use.

Hold the phone to your ear, placing your finger tips on the ridge of the battery cover, which is located below the antenna area on the back of your phone.



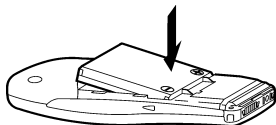
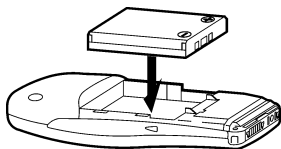
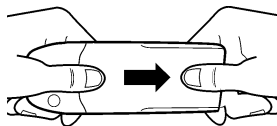
Caution: If the phone becomes too hot during a call, the call is automatically terminated. You won't be able to make or receive calls until the phone cools.

• ABOUT THE BATTERY

Install the battery

If your dealer has already installed the battery, please see "Charge the battery" on page 12.

- 1 If cover is already on phone, remove the back cover of the phone by gripping the bottom with one thumb and pressing downward with the other thumb. Slide the cover toward the bottom of the phone and remove it.
- 2 Place the battery in the compartment with the label side facing up and the golden contact area aligned with the contact prongs.
- 3 Make sure the bottom of the battery makes contact with the prongs in the lower end of the space, then press the top end of the battery into place.



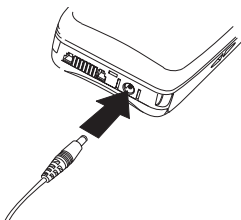
- 4 Replace the cover by sliding it upward until you hear a click.



Charge the battery

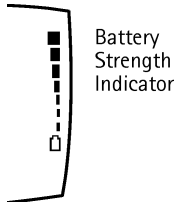
Follow these guidelines to optimize your battery's performance.

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



The battery indicator bar appears on the screen and starts to scroll from bottom to top after a few seconds. It will remain constant when the phone is fully charged.

- 2 Disconnect the charger from the phone and AC outlet when the battery is fully charged. After the indicator bar stops scrolling, you can leave the charger connected and the battery will accept a "trickle charge" to maintain a fully charged battery. See "Reference information" on page 129 for more information on batteries.

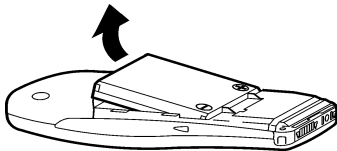


Note: Charge the new battery for three hours before using. Use the battery until it is fully discharged. You should do this for a total of three charging cycles. After the first charge, you can make and receive calls during the charging cycle, but the calls interrupt the charge. When a call ends, the charge will resume. The charging time depends on the charger and battery you use.

• REMOVE THE BATTERY

Before removing your phone's battery, make sure the phone has been turned off for 10 seconds.

- 1 Remove the back cover of the phone by gripping the bottom with one thumb and pressing downward with the other.
- 2 Place your index finger in the space at the top of the battery, and lift out of phone.
- 3 Take out the battery.



Caution: Use only your hands to remove the battery. Do not puncture, burn or use any objects that may damage the phone or the battery. Please recycle the battery, or dispose of properly.

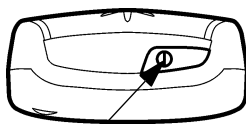
• IMPORTANT BATTERY INFORMATION

- Recharge your battery only with a charger approved by Nokia.
- You can switch the phone on and use it for calls while the battery is charging.
- If the battery is totally empty, it may take a few seconds for the battery indicator to appear on the screen.
- If you switch the phone on when charging is complete, the screen momentarily shows the message **Battery full**.
- The BLB-3 battery does not need to be fully discharged before recharging.
- Charging time depends on the charger and battery used. See "Batteries" on page 137 for charging, talk, and standby times.
- If the battery has become completely empty, you may need to recharge it for a few minutes before you can make or receive calls.

• SWITCH ON YOUR PHONE

Once the battery has taken a charge, you can switch on your phone.

Press and hold the power key (located on the top of the phone) for two seconds.



Power key




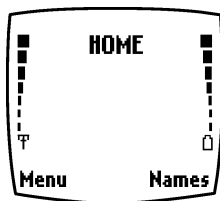
Warning: Do not switch on the phone in places where wireless phone use is prohibited or where the use of the phone could cause interference or danger.


• CHECK THE START SCREEN

When you switch on your phone, a Nokia welcome appears, and then you see the **Start screen**. This is the “home base” for your phone.





Return to the Start screen

You can easily return to the Start screen from any activity by pressing .



The phone clears (erases) any text or information you may have been entering, and returns to its Home screen when you press . However, if you were writing a new text message, the message will remain.

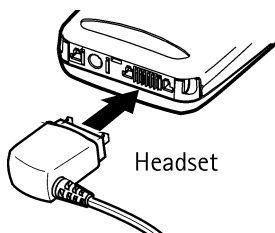
TOUR THE START SCREEN

HOME	Your service provider's name may appear here.
	Signal strength. A higher bar indicates a stronger signal.
	Shows the battery charge level. The higher the bar, the higher the power level in the battery.
Menu	The top level of menu choices on your phone. Press  (left selection key) to enter the menus.
Names	The entry point for the phone book. Press  (right selection key) to enter the Names list (after you've added some entries to the phone book).
D	Indicates that you are in a digital network.

4 Set up your phone

4 • SET UP YOUR HEADSET



Depending on your service provider, your phone may come with a headset that you can use while talking. The headset provides convenient handsfree use of the phone.



Connect the headset

- 1 Plug the headset jack into the bottom of your phone.
- 2 Put the round ear plug into one ear.

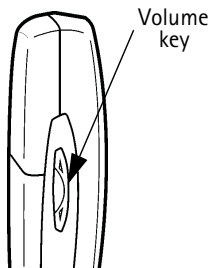
Use the headset

With the headset connected, you can make, answer and end calls as usual. Use the keypad to press  (talk) or  (end) or to enter numbers to make a call. You can also end a call using the button on the headset microphone.

When you use the headset, the microphone for the headset hangs at the side of your head. Although the microphone may seem far from your mouth, you can speak at a normal volume. To view other available Nokia accessories, visit www.nokia.com.

Adjust the volume

You can change the volume level on your phone, making incoming voice sounds louder or softer. The volume key on your phone is located on the side of the phone. Press the top of the key to increase volume or the bottom of the key to decrease volume. A bar chart appears on the phone's screen, showing the current volume level.







Note: The next two topics require that you use menus. You may wish to review the next two chapters to learn more about menus and then return here to adjust screen contrast and equalizer.

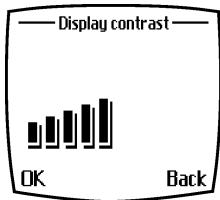
Adjust screen contrast

You can change the contrast on your phone's screen, making the screen brighter or darker.

- 1 Press **Menu 4-4-5 (Settings > Phone settings > Display contrast)**.

After about two seconds, a bar chart displays the current contrast level.

- 2 Press  to increase the contrast, and  to decrease it.
- 3 Select **OK** to confirm your changes, or select **Back** to leave the contrast at its current level.





Set equalizer


Like a stereo, you can customize the audio properties of your phone using the equalizer. Choose from a list of presets or create a custom set of your own.

- 1 Press **Menu 4-3-4 (Settings > Call settings > Equalizer)**.
- 2 Choose from one of the following options from Equalizer's menu:
 - **Normal** - Selects the default setting for equalizer.
 - **Bright** - Amplifies higher frequencies.
 - **Dark** - Amplifies lower frequencies.
 - **Loudness** - Amplifies both higher and lower, but not middle frequencies.
 - **Set** - Allows you to define 3 different sets of sound settings which you can activate, deactivate, edit or rename.

• LOCK KEYPAD (KEYGUARD)

The **keyguard feature** allows you to lock the keypad to prevent accidental keypresses.

To lock the keypad, press **Menu**, then . To unlock the keypad, press **Unlock** and then press  (within three seconds). While in keyguard, you can tap the power key to activate the lights in the phone.



When keyguard is turned on, 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 .



Tip: While Keyguard is activated, you can press the power key to turn on the lights in your phone.




Accept incoming calls






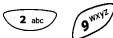





During an incoming call, the keypad automatically unlocks.

Press  or  to answer the call. After the call, keyguard reactivates automatically.

• LEARN THE KEYS



Here is a summary of how the various keys on your phone work.






Key	What it does
	Power: Press and hold to switch the phone on or off. Press briefly to access the list of profiles.
 	Selection: Press to choose the option shown by the word above the key (for example, Menu).

Key	What it does
	Talk: Press to make a call to the name or number shown on the screen or to answer a call. Press  once at the Start screen to view the first in a list of numbers you've most recently dialed. Press  to review the list. Press  again to call a number shown on the list.
	End: Press to end call or to silence the ring from an incoming call. Also, press to return to the Start screen.
	Number: Use keys 2 through 9 to enter numbers and letters. Press  if you want to insert a blank space while entering text.
	1 Key: Press and hold  to call your voice mailbox. This feature requires one-time setup in your phone.
	Symbols: Press to enter special characters, such as punctuation marks.
	Scroll keys: Press to scroll up or down through a menu list of options.

• MAKE AND ANSWER CALLS

Use this quick guide to make and answer calls.

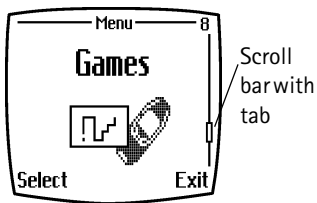
Switch the phone on (or off)	Press and hold the power key  for 2 seconds.  Warning: Do not switch on the phone when wireless phone use is prohibited or when the phone may cause interference or danger.
------------------------------	---

Make a call	<ol style="list-style-type: none"> 1 Press number keys to enter a number, including area code if needed. 2 Press . 3 Hold the phone as you would any other telephone, with the earpiece over your ear. Or, connect and use the headset.
Answer a call	When your phone rings, press  .
End a call	Press  .
Avoid unintentional calls	Press Menu , then  . Activates the Keyguard feature. You cannot accidentally make a call.
Turn Keyguard off	Press Unlock , then  .

Check the menu number and scroll bar

A **scroll bar** appears on the right side of the screen when you scroll through the main menus. The menu number is located at the top of the scroll bar.

















A **tab** on the bar gives you a visual representation of your relative position in the menu structure.














• REVIEW PHONE SYMBOLS

The following is a collection of the various symbols you may see on your phone.




4

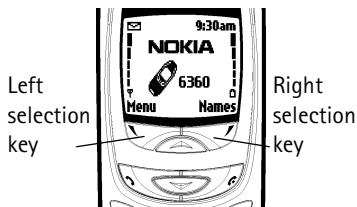
Symbol	What it means
	You have an active call.
	The phone is waiting for you to enter numbers or text.
	Silence All: You have turned off your phone's keypad tones, warning tones, and message alert tones and set your ringing tone to Silent.
	You've activated Keyguard to help prevent any accidental keypresses.
	You have one or more voice messages waiting.
	You have one or more unread text messages waiting.
	Digital service is available.
	Letters you enter will be uppercase (capital letters). Press  to switch to lowercase.
	Letters you enter will be lowercase. Press  to switch to uppercase.
	Letters you enter will be in sentence case.
	Characters you enter will be numbers. Press and hold  to switch back to letters.
	You are using predictive text. The first word of every sentence will be uppercase. Available when entering information into your Calendar, To-do list, Phonebook or writing text messages. Press and hold  to switch to numbers.


Symbol	What it means
	You are using predictive text. Characters you enter will be uppercase letters. Press  to switch to lowercase letters. Press and hold  to switch to numbers.
	You are using predictive text. Characters you enter will be lowercase letters (c, e, m, and so on). Press  to switch to sentence case letters. Press and hold  to switch to numbers, or press and hold the number you want until it appears.
	You are in predictive text mode. However, the characters you enter will be numbers. Press and hold  to switch back to letters.
	You can enter only symbols, such as punctuation marks. Appears when you press and hold the  key while entering or editing text.
	The alarm clock is set.

• USE THE SELECTION KEYS

Note the two selection keys beneath the screen. The function of each key is determined by the word shown above them on the screen.

- For example, pressing  when the word **Menu** appears above it shows the first of many menus. You scroll through the menus using the  and  keys.





- Pressing  when **Names** appears above it opens the phone book menu.

When this guide says, "Press **Menu**," it means, "Press the selection key beneath the word **Menu**."

• CHECK IN-PHONE HELP

Your phone provides brief descriptions of all menu options in an "in-phone" help system.

- 1 Scroll to a menu or submenu option.
- 2 Wait about 10 seconds.
A short message appears, describing the option and what it does.
- 3 Use  and  to scroll down through the longer descriptions.



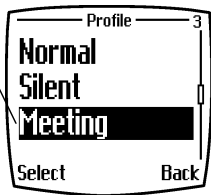
Note: Press **Menu 4-4-4** to turn the in-phone help system (help texts) on or off.

• BROWSE PHONE MENUS




A **menu** is a list of various phone features. Your phone has up to 11 menus, plus the phone book menu (**Names**). Each menu can contain several levels of submenus.

You can use menus and submenus two ways: by scrolling or by using a shortcut.

A menu

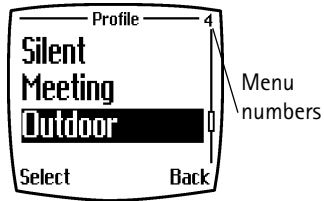


Scroll through menus

- 1 At the Start screen, press **Menu**, and then scroll through the menus using the  and  keys.
- 2 Press **Options**, **Select**, or **OK**, by pressing the selection key for the option you want.
- 3 Use the scroll and selection keys to navigate the submenus; press  to return to the Start screen.

Use a shortcut

Menus and options are numbered so that you can quickly keypress your way to an option. The numbers appear in the top right corner of the screen and show your location in the menu.



Press **Menu**, and within 15 seconds, enter the first number of the menu function you want to access. Repeat until you have entered all the numbers.

Example: To turn on **Automatic redial**, press **Menu 4-3-1-1** (**Settings > Call settings > Automatic redial > On**).



Tips:

- You can scroll upward (backward, so to speak) as well as downward to find some of the most frequently used submenu options.
- You can return to the previous menu level by selecting **Back**.
- To exit a menu and return to the Start screen, press . If you leave a menu by pressing , you cancel any changes you made.
- Some menus may not appear. Ask your service provider for details.

• SHORTCUTS

MESSAGES	01
Write message	01-1
Write e-mail	01-2
Chat	01-3
Inbox	01-4
Outbox	01-5
Archive	01-6
Templates	01-7
Erase messages	01-8
Voice messages	01-9
Listen to voice messages	01-9-1
Voice mailbox number	01-9-2

Message settings	01-10
Sending profile	01-10-1
Font size	01-10-2
CALL LOG	2
Missed calls	2-1
Received calls	2-2
Dialed numbers	2-3
Clear call lists	2-4
All	2-4-1
Missed	2-4-2
Received	2-4-3
Dialed	2-4-4
Call Timers	2-5
Duration of last call	2-5-1
Duration of dialed calls	2-5-2
Duration of received calls	2-5-3
Duration of all calls	2-5-4
Life timer	2-5-5
Clear timers	2-5-6
PROFILES	3
Normal	3-1
Select	3-1-1
Customize	3-1-2
Ring options	3-1-2-1
Ring tone	3-1-2-2
Ring volume	3-1-2-3
Vibrating alert	3-1-2-4
Message alert tone	3-1-2-5
Keypad tones	3-1-2-6
Warning tones	3-1-2-7
Accepted caller groups	3-1-2-8
Timed	3-1-3
Silent	3-2
Meeting	3-3
Outdoor	3-4
Pager	3-5

SETTINGS	4
Tone settings	4-1
Ringing options	4-1-1
Ringing tone	4-1-2
Ringing volume	4-1-3
Vibrating alert	4-1-4
Message alert tone	4-1-5
Keypad tones	4-1-6
Warning tones	4-1-7
Accepted caller groups	4-1-8
Time settings	4-2
Alarm clock	4-2-1
Clock	4-2-2
Auto update of date and time	4-2-3
Call settings	4-3
Automatic redial	4-3-1
Calling card	4-3-2
Show call time on display	4-3-3
Equalizer	4-3-4
Phone settings	4-4
Language	4-4-1
Touch tones	4-4-2
Welcome note	4-4-3
Help text activation	4-4-4
Display contrast	4-4-5
Start-up tone	4-4-6
Accessory settings	4-5
Headset	4-5-1
Handsfree	4-5-2
Loopset	4-5-3
TTY/TDD	4-5-4
Note: The Accessory settings menu is not viewable until after an accessory has been connected to the phone.	
Network services	4-6
Voice privacy	4-6-1
Network feature setting	4-6-2

Note: The next three menu items in this menu become visible when *activated from the Network feature setting menu.*

Call forwarding	4-6-3
Call waiting	4-6-4
Send own caller ID when calling	4-6-5
Own number selection	4-6-6
System selection	4-6-7
Security settings	4-7
Call restrictions	4-7-1
Change security code	4-7-2
Restore factory settings	4-8
VOICE	5
Voice recorder	5-1
Voice tags	5-2
Voice commands	5-3
ORGANIZER	6
Calendar	6-1
To-do list	6-2
TOOLS	7
Calculator	7-1
Stopwatch	7-2
GAMES	8
Select game	8-1
Snake 2	8-1-1
Space impact	8-1-2
Pass 'n rush	8-1-3
Pairs 2	8-1-4
Racket	8-1-5
Settings	8-2
INFRARED	9
SERVICES	10
Refer to "Connect to the Internet" on page 119, for information about services.	
PREPAID	11
Refer to "Use prepaid services" on page 94, for information about Prepaid.	

• NAMES MENU

For access to the phone book and its menus:

- Switch back to the Start screen.
- Press **Names**.

These options are available:

FIND

ADD ENTRY

EDIT NAME

ERASE

ADD NUMBER

SETTINGS

Phone book view

Name list

Name+number

Name only

Memory status

1-TOUCH DIALING

VOICE TAGS

CALLER GROUPS

Family

VIP

Friends

Business

Other

5 Add information


This section gives detailed instructions for entering names, numbers, messages, and other information into your phone.

- "Use the phone book" on page 38 tells you how to use and manage names and numbers.
- "Communicate with text messages" on page 98 tells you how to send, receive, and manage mobile messages.

5

• ABOUT ENTERING LETTERS AND NUMBERS

Depending on the kind of information you are entering (names, numbers, or text), you can enter information into your phone in three ways:

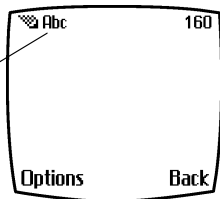
Method	The phone shows	Use for
ABC	ABC for all uppercase letters, abc for all lowercase letters, or Abc for sentence style letters (first letter capitalized).	Writing names. Abc is the default (preset) method.
123	123 for numbers.	Entering numbers. You can switch to 123 when you're in a name box.
Predictive text	 for text in messages.	Writing messages and notes.

• ABC AND 123 METHODS

You can enter any combination of numbers and letters into phone book entries, Web addresses, and more using the ABC and 123 methods.

The phone shows the current method with an icon, or small picture, in the upper left corner of the screen.


Icon showing current entry method



Enter letters


When you are in a name box in the phone book, the phone shows the



Abc icon. You use the phone's keypad to enter letters. Here's how:

- 1 Find the key with the letter you want to enter.
- 2 Press the key repeatedly until the letter appears on the screen.
For example, press  three times to enter the letter C.
- 3 Wait for the blinking cursor to reappear before you enter another letter, unless the letter is on a different key.




Example: To enter the name *Albert*:


Press  **A**

Press    **l**

Press   **b**

Press   **e**

Press    **r**

Press  **t**



Note: The default case in **Abc** is sentence case. Only the first letter of each word is capitalized.













Enter numbers

When you are in a number box in the phone book, the phone shows the **123** icon.

- To enter numbers, simply press the numbers you want.

Enter punctuation and other characters




Depending on the language selected for your phone, the following characters may be available:

Key	Characters	Key	Characters
	Punctuation and symbols shortcut		P Q R S 7
	A B C 2		T U V 8
	D E F 3		W X Y Z 9
	G H I 4		Space, 0
	J K L 5		Press and hold for punctuation and symbols.
	M N O 6		Changes letter case.







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

ENTER SPACES AND PUNCTUATION


- Press  to enter a space between words.
- Press  briefly while in **Abc** to enter a period.
- Press  to show special characters. A screen appears with the available special characters. See "Use special characters in names and phone numbers" on page 32.

Use the scroll keys to select the character you want, and then press **Select**, or use four-way scrolling using the 2, 4, 6, and 8 keys.


- Press  to scroll up
- Press  to scroll down
- Press  to scroll left
- Press  to scroll right

ERASE MISTAKES


If you make a mistake:

- Press  to erase one character to the left.
- Press and hold **Clear** to erase all text.

CHANGE LETTER CASE

- To change cases (upper, lower, predictive, sentence), press .

The **ABC** icon switches to **abc**, showing you are using lowercase letters.




- Press and hold a key until the key's number appears on the screen, or press and hold  to switch to numbers.

Use special characters in names and phone numbers





Your phone has special characters, symbols and punctuation that are available when writing text. Here is a sample of what you will find:

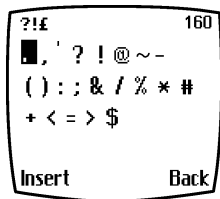
.	?	!	@	'	-	_	(
)	,	:	;	&	/	~	◇
\	%	*	#	+	<	=	>
"	£	\$	¥	⌘	§	i	¿
€							

IN ABC

- 1 Press .
- 2 A screen appears with the available symbols.
- 3 Use  and  to move to the character you want, then select **Insert**.



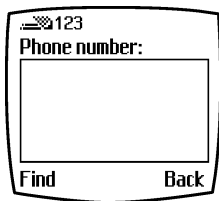
Note: For faster scrolling when viewing special characters, you can use the  (up),  (down),  (left) and  (right) keys.



IN 123

The ***** key inserts the following characters when you are prompted to enter a phone number. Press ***** until the character you want appears:

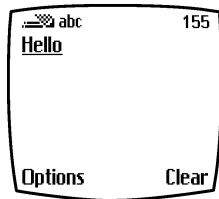
- *** This character sends command strings to the network. Contact your service provider for details.
- p** This character creates a pause that occurs when the phone dials a number. Numbers entered to the right of this special character are automatically sent as touch tones after a 2.5-second pause.
- w** This character causes the phone to wait for you to press **Send**.



5

• WRITE WITH PREDICTIVE TEXT

When you're writing text messages on your phone, you can use the **predictive text** method of entering information. With predictive text, you need to press each number key only once for each letter. The phone predicts, or guesses, what you're writing.










The word shown on the screen changes after each keystroke (as shown in the example that follows). Since it's easy to get confused, you should try to disregard the word you're writing until you have entered all the characters.

Example: To write *Nokia* with the English dictionary selected:

What you press	What you see
Press 6 <i>mpo</i>	o
Press 6 <i>mpo</i>	on
Press 5 <i>pi</i>	oni
Press 4 <i>pli</i>	onli
Press 2 <i>abc</i>	Nokia



Keys for predictive text

5

Key	Purpose
Keys with letters	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 the word you intended. To change the underlined word, press  repeatedly until the word you want appears. Also, press and hold this key for a list of symbols.
Spell	If the dictionary sees a word it doesn't recognize, you see Spell above the left selection key. Select Spell , enter the word you want to enter, and press Save .
	Press once to accept a word and add a space.
	Press and hold to enter a number. You see the 123 icon on the screen. Press and hold  again to write text letters.
Clear	Press once to delete the character to the left of the cursor.
	Press repeatedly to add various punctuation marks.
	Press once quickly to switch the character case. ABC indicates uppercase. abc indicates lowercase.
160	The maximum number of characters available. The character counter appears in the top right corner of the screen and counts down for each character you add.

Turn on predictive text input

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


T9 prediction on appears. (T9 is the technical name for Predictive text input.) This means you can use the predictive text method to enter messages. In the text message window where you write, the predictive text icon  appears. Predictive text can be turned on and off by pressing  twice.

Turn off predictive text input


- 1 Repeat steps 1 through 5 in the section immediately above.
- 2 Scroll to **Prediction off** and press **OK**.

Tips for predictive text

QUICK ACTIVATION OR DEACTIVATION OF PREDICTIVE TEXT

To quickly activate or deactivate T9 while writing a message, press and hold **Options** selection key, or press  twice.

ADD A SYMBOL

- 1 Press and hold .


The symbol screen appears, showing the list of special characters. For more information on special characters see "Enter spaces and punctuation" on page 31.

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



CHECK A WORD

When you've finished writing, make sure the underlined word is the word you intended to write.

If the word is correct:

- Insert a punctuation mark, if needed.
- Press  to confirm the change and enter a space.
- Start writing the next word.

If the word is not correct:

- Press  repeatedly until the word you want appears, and then press  to confirm it.

OR

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



When you enter a period to end a sentence, the phone switches to **Abc** so that the first letter in the next word will be uppercase (a capital letter).

ADD A WORD TO THE DICTIONARY

If the word **Options** changes to **Spell**, the word you intended to write is not in the dictionary. You can add the word to the dictionary.

- 1 Select **Spell** and enter the word(s) using standard text entry.
- 2 Select **Save** to save the word(s).


INSERT NUMBERS

- 1 To add a number to the message, press and hold  until **123** appears on the screen.
- 2 Enter the numbers you want, and then press and hold  to return to the **ABC** method.





Tip: You can also press and hold any number key while writing a message. This will cause the number on the key to appear in the text.

INSERT SYMBOLS

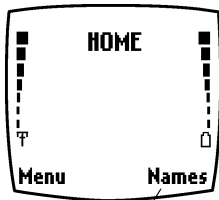
- 1 To put a symbol in the message, press **Options** and scroll to **Insert symbol** (or press  and scroll to the symbol you want).
- 2 Select the symbol you want (use the scroll keys to move through the symbols) and press **Insert**.

WRITE COMPOUND WORDS

- 1 Write the first part of the word and press  to accept that part.
- 2 Write the last part of the compound word and press  to enter.

6 Use the phone book

Your phone includes a phone book that can store up to 500 entries (names and associated phone numbers). In addition, the phone book can store up to five numbers, two addresses (postal or e-mail) and one text entry, such as a note, per entry.





Phone book

- An entry in the phone book can consist of a number only, or a name and a number.
- You cannot enter the same name twice. If you try to save a name that is already in the phone book, the phone asks if you want to add the number to an existing name.

• OPEN THE PHONE BOOK

There is more than one way to view the names in your phone book:

- Press **Names**, select **Find**, enter the name, and then press **Find**.
- Press **Names**, select **Find**, press list, and then scroll through the names.
- At the Start screen, use  and  to scroll through the names.

• SAVE NAMES AND NUMBERS

You have several options for saving names and numbers.

Quickly save a number and name

- 1 Enter the phone number using the keypad.
- 2 Press **Options**, and then press **Save**.
- 3 Enter a name and press **OK**.
- 4 Press **Done** to return to the Start screen.

Save an entry using the names menu


- 1 Press **Names** to enter the phone book.
- 2 Scroll to **Add entry** and press **Select**.
- 3 Enter a name and press **OK**.
- 4 Enter a number and press **OK**.
- 5 Press **Done** to return to the Start screen.

• SAVE A TEXT ENTRY WITH A NAME

Once you have added a contact to your phone book, you can add an e-mail address, a mailing address, or a note to that contact.




Note: Text entries can only be added to existing contacts. For instance, you cannot enter an e-mail address until you have selected a name to add the address to.

- 1 Find the name or number to which you want to add text.
- 2 Press **Details**, and then press **Options**.
- 3 Scroll to **Add text**, press **Select**, then scroll to the text type you would like to add (**E-mail**, **Street addr.**, or **Note**).
- 4 Press **Select**, add your text, and press **OK**.
- 5 Press  to return to the Start screen.

• RETRIEVE INFORMATION





You can retrieve numbers from the phone book several different ways.

Retrieve numbers from the phone book

- 1 At the Start screen, press **Names**.
- 2 Select **Find** and enter the desired name.
- 3 Press **Find**, and then press  to call the number.

Retrieve information with shortcuts

You may want to use some of these shortcuts, or alternate methods for retrieving a number.

- Press **Names**, enter the first letter of the name, scroll to the name, and press .
- At the Start screen, press the scroll keys to immediately enter your list of names, scroll to the name you want, and press .
- Press  to access a list of your last ten dialed calls, scroll to the one you want to dial, and press  again.

• 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.

Find	Search for a specific entry.
Add entry	Add a new contact to your phone book.
Edit name	Edit an existing contact.
Erase	Erase names and numbers one by one or all at once.
Add number	Add a contact to the phone book.
Settings	View a new menu list which includes the phone book's memory status and scrolling view.
1-touch dialing	Assign up to eight keys for speed dialing.
Voice tags	"Tag" a phonebook listing with a voice signal so you can call by speaking the signal into your phone.

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

Change phone book views

You can view your phone book in three different ways:

Name list	Shows all the names that are stored in your phone book. Three names appear on the screen at a time.
Name only	Displays individual names only. You can view the corresponding phone number by pressing Details and then scrolling up or down.
Name+number	Shows individual names and numbers. Only one name and its corresponding phone number appears on the screen at a time.

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

To change the way you view names and numbers in your phone book:

- 1 Press **Names**.
- 2 Select **Settings**.
- 3 Select **Phone book view**.
- 4 Scroll to the view you want and press **OK**.

• EDIT A NAME OR NUMBER

You can edit a name, a number, or both.

- 1 Retrieve the name or number you wish to edit.
- 2 Press **Details**, and then press **Options**.
- 3 Scroll to **Edit number** or **Edit name** and press **Select**.
- 4 Edit the name or number and press **OK**.

• ERASE STORED NAMES AND NUMBERS

Erasing stored names and numbers removes them from your phone.

Once you erase an item, you can restore it only by reentering it.

- 1 Retrieve the phone book entry you want to erase.
- 2 Press **Details**, and then press **Options**.
- 3 Scroll to **Erase**, and press **Select**.

The message **Erase all details?** appears.

- 4 Press **OK**.

OR

- 1 Press **Names**, scroll to **Erase** and press **Select**.
- 2 Scroll to **One by one** and press **Select**.
You see your list of names.
- 3 Scroll to the entry you want to delete and press **Erase**.
- 4 When the message **Erase all details?** appears, press **OK**.

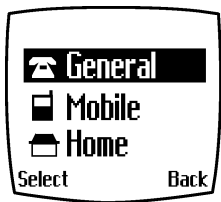
• ERASE THE ENTIRE PHONE BOOK

These steps erase all contacts in your phone book.

- 1 Press **Names**, scroll to **Erase**, and press **Select**.
- 2 Scroll to **Erase all** and press **Select**.
- 3 When you see the message **Are you sure?**, press **OK**.
- 4 Enter your security code.

• ADD A SECOND NUMBER TO A NAME

There are several ways to add a number to an existing name in the phone book. Once you choose to add a number, you can select one of the following **number type locations** in which to store the second number: **General**, **Mobile**, **Home**, **Work**, or **Fax**.



From the phone book

- 1 Press **Names**, scroll to **Add number**, and press **Select**.
- 2 Scroll to the name to which you want to add the number and press **Add no.**
- 3 Scroll to the type of number you are adding (**General**, **Mobile**, **Home**, **Work** or **Fax**), and press **Select**.

From the Start screen

- 1 Enter the phone number using the keypad.
- 2 Press **Options**.
- 3 Scroll to **Add to name** and press **Select**.
- 4 Scroll to the name to which you want to add the number and press **Add no.**
- 5 Scroll to the desired number type and press **Select**.

By retrieving the name

- 1 Retrieve the name to which you would like to add a second number.
- 2 Press **Details**, and then press **Options**.
- 3 Scroll to **Add number**, and then press **Select**.
- 4 Scroll to the desired number type and press **Select**.
- 5 Enter the number and press **OK**.

Change the number type

Once you have saved a name with two numbers, you can change the number type for either of the phone numbers. (For example, you can change the type if you saved a number as General and you want to change it to Home.)

- 1 Retrieve the name from the phone book.
- 2 Press **Details**, and then scroll to the number you want to change.
- 3 Press **Options**, scroll to **Change type**, and press **Select**.
- 4 Scroll to the number type you would like and press **Select**.

Specify a primary number

If any names in your phone book have multiple numbers, it's a good idea to specify the number that you dial most often (for that name) as the **primary number**. By assigning the most-used number as primary, you are telling the phone to dial *that* number when you select the name for dialing—a great time saver when you dial names with two numbers.

- 1 Retrieve the name for which you want to select a primary number.
- 2 Press **Details**, and then scroll to the number you want to set as the primary number.
- 3 Press **Options**, scroll to **As primary no.**, and press **Select**.

Primary number changed appears on the screen.

• CREATE CALLER GROUPS

Your phone allows you to create caller groups for listings with similar attributes in your phone book. The five available default caller groups are **Family**, **VIP**, **Friends**, **Business**, and **Other**. Each group has three attributes which can be defined by the user: *Group Name*, *Group Tone*, and *Group Logo*.

ADDING A NAME AND PHONE NUMBER TO A CALLER GROUP

- 1 Once you have retrieved the desired name and number from the phone book, press **Details**.

- 2 Scroll to **Caller groups**, and press **Select**.
- 3 Scroll to the desired caller group (for example **Family**), and press **Select**.

SETTING A RINGING TONE AND GRAPHIC FOR A CALLER GROUP

- 1 Press **Names**.
- 2 Scroll to **Caller groups** and press **Select**.
- 3 Scroll to one of the caller groups and press **Select**.
- 4 Scroll to one of the following functions and press **Select**.

Rename group

Enter the new name for the caller group and press **OK**.

Group ringing tone

Scroll to the desired tone and press **OK**. **Default** is the tone selected for the currently selected profile.

Group logo

Scroll to **On**, **Off**, **View**, or **Send logo** (sent via SMS), and press **Select**.

Group Members

Press **Select** to view group members. To add or remove a member, press **Options**, then select **Add name** or **Remove name**.



Note: If you selected **Send logo** (sent via SMS), enter the recipient's phone number or retrieved it from phone book and press **OK**. You can also receive graphics via SMS. Once you receive a new graphic, scroll to **View logo** or **Save logo** and press **OK**. If you selected **Save graphic**, select the desired caller group and press **OK**.

• CHECK MEMORY STATUS

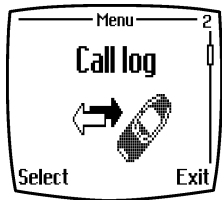
You can learn what percentage of your phone's memory is free and what percentage has been used.

- 1 Press **Names** and scroll to **Settings**.
- 2 Scroll to **Memory status** and press **Select**.





7 Check call history

Your phone provides a **call log** that registers information about calls you make and receive. The call log keeps track of:

- Missed calls
- Received calls
- Dialed numbers
- Time spent on calls




• CHECK MISSED, RECEIVED, OR DIALED CALLS

- 1 Press **Menu 2 (Call log)** select **Call log**.
- 2 Use  and  to move to **Missed calls, Received calls, Dialed numbers, Clear call lists, and Call timers**.
- 3 Press **Select** at the submenu you want.
- 4 For missed, received, and dialed numbers, a phone number (or the name associated with a number in the phone book) appears.
- 5 Use  and  to scroll to the number or name you want, and then press **Options**.
For missed, received, and dialed names or numbers, you have the choices shown in the list shown after the next step.
- 6 When you see the option you want, press **Select**.

Call time	Shows the date and time when the call was connected. (You must first set the phone's clock.)
Send message	Allows you to write and send a text message to numbers listed in the call log.
Edit number	Allows you to edit the number shown on the screen.

Save	Saves the number in your phone book.
Add to name	Adds the number to a name you've already entered in your phone book.
Erase	Removes the number from the call log.
View number	Shows a number when an associated name appears on the screen. This option works only if you have stored the associated number in the phone book.
Call	You can call the number that just called your phone.



Tip: To dial any number that appears on your phone's screen, press .

MISSED CALLS

Your phone stores up to the last 30 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.





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

DIALED CALLS, RECEIVED CALLS

Your phone stores up to the last 30 numbers associated with calls you've dialed or received.


• CLEAR CALL LISTS

Your phone uses **call lists** to track numbers for incoming, outgoing, and missed calls. 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.

- 1 Press **Menu 2-4 (Call log > Clear call lists)**
- 2 Use  or  to scroll through the options list.
The list includes the following options: **All**, **Missed**, **Dialed**, and **Received**.



- 3 Stop at the appropriate option and press **Select**.

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.

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

• CHECK CALL TIMERS

Your phone uses **call timers** to track the amount of time you spend on each call. You can review phone use by checking the phone's call timers.

- 1 Press **Menu 2-5 (Call log > Call timers)**
- 2 Use  or  to scroll through the options described in the following list.

Duration of last call	Shows the time used for the last call made.
Duration of dialed calls	Shows the time used for all outgoing calls since you reset the timers.
Duration of received calls	Shows the time used for all received calls since you reset the timers.
Duration of all calls	Shows the time used for all calls that have been made and received since you reset the timers.

Life timer	Shows the time used for all calls for the life of your phone. This option cannot be reset.
Clear timers	Clears (erases) 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.



Caution: If you select the **Clear timers** option, the action cannot be undone. If you use the call timers to log the amount of time spent on calls, you may want to record the information in the call timers before you clear them.

• TURN ON A CURRENT CALL TIMER

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

- 1 Press **Menu 4-3-3 (Settings > Call settings > Show call time on display)**
- 2 Scroll to **On** and press **OK**.
From this point on, the timer is active during each call you make or receive. The time appears on the phone's screen.
- 3 After a call has ended, press any key on your phone to clear the current call time from the screen.

• CLEAR CALL TIMERS

- 1 Press **Menu 2-5-6 (Call log > Call timers > Clear timers)**
The Security code field appears.
- 2 Enter your security code and press **OK**.

8 Use advanced calling features

This chapter describes advanced calling features such as conference calling, using call waiting, and using credit cards for calls. Not all the features described here are available in all wireless network systems.

• 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**.

8



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

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

Touch tones	Allows you to manually enter a touch tone string (series of tones) or search for a string in your phone.
New call	Allows you to create a new call while in a call.
End all calls	Ends all active calls.
Phone book	Allows you to use the phone book. Once you open the phone book, pressing  will not close the phone book, but it will end the current call.
Menu	Takes you to the main menus.
Mute/ unmute	Mutes the phone's microphone. If, somehow, your phone's microphone has already been muted, Unmute 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.

• 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 show the number of the incoming call.

Call waiting is not available in all wireless systems. Before you can use call waiting, you must contact your service provider to make sure this feature is available and turned on for your phone. Then you must activate the call waiting feature.

Store the call waiting feature code

- 1 Press **Menu 4-6-2** (**Settings > Network services > Network feature setting**)

The **Feature code** box appears.

- 2 Enter the feature code your service provider gave you and press **OK**.
- 3 Scroll to **Call waiting** and press **Select**.
- 4 Make sure that **Activate** is highlighted and press **Select**.



Activate call waiting

- 1 Press **Menu 4-6** (**Settings > Network services**)
- 2 Select **Call waiting**, then select **Activate**.

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

Manage calls


Call waiting works with both local and long distance calls.

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

Make a conference call

While in a call, you can call another number 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

Press **Options**, scroll to **New call**, press **Select**, enter the phone number, and press **Call**.

If you don't remember the number of the party you want to include in the conference, and you know that this number is in your phone book, you can retrieve the number.

- 2 When the third party answers, press  to connect all three parties.
- 3 To place one of the parties on hold, press .

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.

- 4 To drop all parties, press .

Look up a number during a conference call

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

- 1 During the call, press **Options**.
- 2 Scroll to **Phonebook** and press **Select**.
- 3 Press **Select** at **Find**.
- 4 Enter a name and press **Find**, or scroll through the phone book.
- 5 Press **Details**.

• USE CALL FORWARDING



With **call forwarding**, you can send incoming calls to another phone number. This way, if you are unable to receive calls on your phone, all calls going to that phone can be forwarded to another phone. You never have to miss an important call.

The call forwarding feature is not available in all wireless systems. Contact your service provider for details and availability.



Note: You can enter the call forwarding feature code manually, rather than 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 4-6-2** (**Settings > Network services > Network feature setting**)
The Feature code field appears.
- 2 Enter the feature code your service provider gave you and press **OK**.
- 3 Use  or  to scroll to **Call forwarding** and press **Select**.
- 4 Scroll to each **Call forwarding** option you want, and select each one, then scroll to **Activate**, and press **Select**, for each option.

Activate call forwarding

- 1 Press **Menu 4-6-2** (**Settings > Network services > Network feature setting**).
- 2 Scroll to the desired call forwarding option, as described in the following list, and press **Select**.

Forward all calls	Forwards all incoming calls.
Forward if busy	Forwards calls only when you're on your phone.


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.
Forward if out of reach	Forwards calls if you are out of reach for your wireless network or if your phone is turned off.
Cancel all call forwarding	Cancels all forwarding options that are currently active.

- 3 Highlight **Activate** and press **Select**.
- 4 In the Number field, either enter the number to which you want your calls forwarded or press **Find** to find this number in the phone book (if you have stored the number in the phone book).
- 5 Press **OK**.

Your phone calls the network to confirm the feature code that you entered in **Menu 4-6-3**. After the network confirms the feature code, call forwarding is activated.

• REDIAL AUTOMATICALLY

Occasionally, your calling network may receive heavy traffic which can cause you to receive a "fast" busy signal when dialing a number. If the network is busy, your phone will automatically redial the desired number and notify you once the network becomes available.

- When a network is busy, your phone redials the number up to three times.
- If you want to stop this process prior to the last attempt, press . This stops the automatic redialing.



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

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

• USE A CALLING CARD

You can use a calling card when you dial long distance calls. First you must 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 4-3-2 (Settings > Call settings > Calling card)**.
Enter your security code, when prompted.
- 2 Scroll to card **A, B, C, or D** and press **Options**.
- 3 Scroll to **Edit** and press **OK**.
- 4 The Dialing sequence field appears.
- 5 Press **Select**.
- 6 Use  or  to scroll through the list of dialing sequences, as described in the following list.

Dialing sequence	Use for cards that require you to
Access number + phone number + card number	Dial 1-800 access number, then phone number, and then card number (+ PIN if required).
Access number + card number + phone number	Dial 1-800 access number, then card number (+ PIN if required), and then phone number.
Prefix + phone number + card number	Dial the prefix (any numbers that must precede the phone number) and phone number you want to dial, and then card number (+ PIN, if required).

- 7 Press **Select**.



Save calling card information (step 2)

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


- 1 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 calling card.
- 2 When prompted to enter a calling card number (usually shown on the front of the calling card) and PIN number, enter the number, and press **OK**.
- 3 Press **OK** again when the **Save changes?** message appears.
- 4 Use  or  to 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 4-3-2 (Settings > Call settings > Calling card)**.
Enter your security code when prompted.
- 2 Scroll to the desired card and press **Options**.
- 3 Press  or  to highlight **Select** and press **OK**.
- 4 Enter your security code and press **OK**.
The message **Card ready for use** appears.

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 then **Wait for tone, then press OK**.
- 3 When you hear the tone from your calling card service, press **OK**.
- 4 After the tone, your phone displays the message **Wait for tone, press OK again**. Press **OK**.



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

• VOICE DIALING

You can dial up to 20 of your phone book's stored numbers using the voice dialing feature. Before you can place a call using voice dialing, you must first assign a voice 'tag' to the number.

Assigning a voice tag to a phone number

You can create a voice tag (such as a person's name), for up to 20 phone book entries, then dial the number using the Voice dialing feature. See "Dial a number using voice dialing" for more information.

8

ASSIGNING A VOICE TAG TO AN ENTRY

- 1 At the Start screen, scroll to the name you want to give a voice tag.
- 2 Press **Details**, then **Options**, and scroll to **Add voice tag**.
- 3 Press **Select**. The phone displays **Press Start, then speak after tone**.
- 4 Press **Start**.

You hear several beeps, and **Please speak now** appears. If you're using the headset, release the button.

- 5 Speak clearly into the microphone.



Note: Do not press **Quit** unless you want to cancel the recording.

The phone automatically stops recording and then saves and replays the voice tag.

If recording is not successful, your phone displays **Voice system error**. Press **Options**, scroll to **Add voice tag**, and repeat steps 3 - 5.

- Voice tags are not language dependent. Any clearly spoken word or phrase can serve as a voice tag.
- It's easier for the phone to differentiate between long, unique voice tags. For example, you might want to record a person's first and last names rather than only the first name.

- Voice tags must be shorter than 2 seconds.
- Voice tags are sensitive to background noise. For best results, record them in a quiet environment.
- If you delete a name, any associated voice tag is also deleted.
- The recording process stops automatically. Pressing **Quit** aborts the recording attempt.

Do not rely only on a voice tag for dialing emergency numbers. In emergencies, stress causes changes in your voice, which may keep the phone from recognizing the command.

DIAL A NUMBER USING VOICE DIALING

- 1 Press and hold the **Names** selection key.

When you hear several beeps and **Please speak now** appears, release the button.



Note: If you have the optional headset attached, press and hold the headset button, then when the phone beeps and **Please speak now** appears, release the button.

- 2 Pronounce the voice tag clearly into the microphone. When the phone finds the voice tag, **Found** appears, and the phone automatically dials the number.

If the phone does not locate a number, **No match found** appears.

If you're using the headset and the phone does not locate the number, you will hear an error tone and **No match found** appears. To start voice dialing again, press and hold the headset button immediately after the error tone.

WORK WITH AN EXISTING VOICE TAG

After you have associated a voice tag to a command, you can choose one of the following options:

Play back a voice tag

- 1 Press **Names** and scroll to **Voice tags**.
- 2 Press **Select**, then scroll to the name with the voice tag you want to hear.
- 3 Press **Options**, select **Playback**, and press **OK**.

Change a voice tag

- 1 Press **Names** and scroll to **Voice tags**.
- 2 Press **Select**, then scroll to the name with the voice tag you want to change.
- 3 Press **Options**, scroll to **Change**, and press **OK**.
- 4 The phone displays **Press Start, then speak after tone**.
- 5 Press **Start**.
- 6 The phone repeats your voice tag, and **Voice tag saved** appears.

Erase a voice tag

- 1 Press **Names** and scroll to **Voice tags**.
- 2 Press **Select**, then scroll to the name with the voice tag you want to erase.
- 3 Press **Options**, scroll to **Erase**, and press **Select**.
Erase voice tag? appears.
- 4 Press **Select** to erase the voice tag.

• VOICE RECORDER

This feature allows you to record pieces of speech or sound with your phone and listen to them later. You can record information such as phone numbers and personal memos, but the voice recorder can also record an active phone conversation. The maximum length of a recording depends on how much memory remains available and the length of time remaining for a current recording will be displayed on your phone's screen. The total available time is 180 seconds if no memos have been stored.



Warning: In some jurisdictions, recording a telephone conversation without permission of all participants is illegal.

Record speech or sound

- 1 Press **Menu 5-1-1 (Voice > Recorder > Record)**

- 2 After the *Recorder start tone* is heard, begin recording speech or sound.
- 3 When you finish recording, select the **Stop** option.
- 4 Enter the title you wish to assign to the recording.

Record while in a call

- 1 While in a call, press **Options**, scroll to **Menu**, scroll to **Voice**, select **Voice recorder**, then select **Record**.
- 2 After the *Recorder start tone* is heard, the recorder begins recording the phone conversation. Also, the *Recorder recording tone* will play every 5 seconds to remind the other person on the call that the conversation is being recorded.
- 3 When recording is done, select the **Stop** option.

View recording list and play recordings

- 1 You can view your saved recordings by selecting the **Recording list** option. Press **Menu 5-1-2 (Voice > recorder > recording list)**.
- 2 Once in you are in the **Recording list**, select the recording you would like to play, and then select **Playback**. You can end the playback by selecting **Stop**.

Erase a recording

From the **Recording list** menu, select the recording you would like to erase, press **Options** then select **Erase**.

Edit a recording title

To change the title of a recording, go to the **Recording list** option, select a recording, then select **Options** and choose **Edit title**.

Setting the voice memo alarm

You can attach an alarm to a recording by going to the **Recording list** option, selecting a recording and selecting **Add alarm**.

• VOICE COMMANDS

The voice command feature allows handsfree operation of certain phone features. Voice commands work similar to voice dialing. Before using voice commands, you must first associate a "voice tag" to the phone function. You can set as many as 5 voice commands.

View available functions

Press **Menu 5-3 (Voice > voice commands)** and scroll through the list of functions.

Phone feature	You can add a voice command to select a profile, or activate a feature
Profiles	Normal
	Silent
	Meeting
	Outdoor
	Pager
Voice mailbox	Check your voice messages
Infrared	Activate infrared
Recorder	Record
Call log	Set up a voice command to take you to your call log


8

Add a voice tag for the command

- 1 Press **Menu 5-3 (Voice > Voice commands)**
- 2 Scroll to the phone function you wish to tag, then press **Select**.
- 3 Press **Options**, then select **Add command**.
- 4 Press **Start**, then speak the voice tag clearly into the microphone.



Note: Do **NOT** press **Quit** unless you want to cancel the recording.

The phone replays then saves the recorded tag. The  icon appears next to commands which have voice tags assigned.

Activate a voice command

After you have associated a voice tag with a phone function, you can issue a command by speaking the voice tag. There are three ways to activate a voice command:

- 1 If you have the optional headset attached, press and hold the headset button. *OR*
 - Press and hold **Names**. *OR*
 - Press and hold the volume down key.
- 2 When **Please speak now** appears, pronounce the voice tag clearly into the microphone. When the phone finds the tag, **Found** appears, and the command is issued.

Work with an existing voice command tag

After you have associated a voice tag to a command, you can choose on of the following options:

- Listen to the tag
- Change the tag
- Erase the tag

For detailed instructions, refer to these sections on pages 69–72.

• SEND YOUR OWN NUMBER IN CALLER ID

With each call you place, you can determine 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 IDs (if they subscribe). With **Send own caller ID**, you can block or send the display of your number when you make a call.





Note: Send own caller ID when calling might not be available in your wireless system. 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.

Before you can use **Send own caller ID when calling**, you must first store its feature code. Otherwise, this feature might not appear on your phone's menu.

Store the feature code

- 1 Press **Menu 4-6-2** (**Settings > Network services > Network feature setting**).

The **Feature code** field appears.

- 2 Enter the feature code your service provider gave you and press **OK**.
- 3 Use  or  to scroll to **Send own caller ID** and press **Select**.
- 4 Highlight **Yes** and press **Select**. The phone then displays **Feature code saved in menu**.

8

Set whether or not your number will appear

- 1 Press **Menu 4-6-5** (**Settings > Network services > Send own caller ID when calling**)
- 2 Scroll to **Yes** if you want to show your number.
- 3 Press **Select**.
- 4 Enter the number you wish to call (or press **Find** to retrieve the number from the phone book), and press **OK**.

• SELECT A PHONE NUMBER

When you first activate your phone, your service provider programs the phone number and system information into your phone's memory. The number assigned to your phone provides service for only one service area.

Your phone can be activated in up to three different service areas, however. For example, your phone could be activated in Dallas, Toronto, 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, and if you travel outside your home system, you can choose another number. Only one phone number can be active at a time.



Note: You may not need up to three numbers for your phone 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 4-6-6** (**Settings > Network services > Own number selection**)
- 2 Scroll to the phone number you want to use and press **OK**.

The first phone number on this list is the currently selected number. You need at least one active number to make and receive calls and to use mobile messaging services.

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 4-6-7** (**Settings > Network services > System selection**).

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.



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

• SET TOUCH TONES

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



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



Set manual touch tones

- 1 Press **Menu 4-4-2-1** (**Settings > Phone settings > Touch tones > Manual touch tones**)
- 2 Select one of the following options, and then press **Select**:

Continuous	The tone sounds for as long as you press and hold a key.
Fixed	Sends tones of the duration you specify in the Touch tone length option.
Off	Turns off the tones. No tones are sent when you press a key.

Set fixed touch tone length


You can also set the length of each touch tone.

- 1 Press **Menu 4-4-2-2** (**Settings > Phone settings > Touch tones > Touch tone length**)
- 2 Use  or  to scroll to **Short** or **Long**. Short sets the tone length to 0.1 second. Long sets the tone length to 0.5 second.
- 3 Press **Select**.

Store touch tone sequences (strings)

You can store touch tone strings the same way that you store names and numbers in your phone book. You can store an entire sequence of digits 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  then select **w** or **p** where needed.

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



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

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

SEND A TOUCH TONE STRING

- 1 Press **Menu 4-4-2-1** (**Settings > Phone settings > Touch tones > Manual touch tones**)

- 2 Make sure that the setting is not set to **Off**.

If it is, use  or  to scroll to one of the other options and press **Select**.

- 3 Then, during your call, press **Options**, scroll to **Touch tones** and press **Select**.

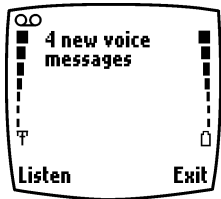
- 4 Enter the touch tone string or retrieve the string from the phone book, and press **Tones**.




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

9 Use voice mail

Voice mail provides a way for callers who miss you to leave a message that you can retrieve later. To use voice mail, you must sign up for the feature with your wireless service provider.



• CHECK FOR MESSAGES

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 show 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 01-9 (Messages > Voice messages)** then select **Voice mailbox number**.
- 2 Enter your voice mailbox phone number.
- 3 Press **OK**.

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

Voice greetings may vary in different wireless systems. If you need information about how to record your greeting, contact your service provider.

• LISTEN TO YOUR VOICE MESSAGES

The way you listen to your voice messages varies, depending on 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'd rather listen to your messages later, press **Exit**.
- 3 To listen to your voice messages:

Press and hold .

OR

Press **Menu 01-9 (Messages > Voice messages)**. Select **Listen to voice messages**.

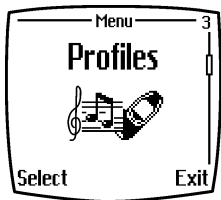
The message **Calling voice mailbox** appears on the screen. Follow the prompts to review your messages.

10 Personalize rings and tones

• WHAT IS A PROFILE?

A **profile** is a "set of settings" you can use to customize the way your phone works. You can set your own preferences for these items:

- Ringing options
- Ringing tone
- Ringing volume
- Vibrating alert
- Message alert tone
- Keypad tones
- Warning tones
- Accepted caller groups





10

Your phone comes with five profiles, and each can be customized:

- Normal (default setting)
- Silent
- Meeting
- Outdoor
- Pager

• SELECT A DIFFERENT PROFILE

- 1 Quickly tap the Power key or use this shortcut: **Menu 3**.
- 2 Use  and  to move to the profile you want to use. Profile names are highlighted as you scroll through them.
- 3 Press **Select** to select a profile.

• CUSTOMIZE A PROFILE

- 1 Press **Menu 3 (Profiles)**
- 2 Scroll to the desired profile in the list.
- 3 Press **Select** to view the options for the selected profile.

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.
Timed	Allows you to set a time length for the expiration of a profile setting.
Rename	Enables you to rename the profile. This option does not appear in the Normal, Headset, Loopset, or Car kit profiles.



10



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

Set ring options

You can choose the type of ring 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 Use  or  to scroll to the desired profile in the list for which you want to set the ringing options, and press **Select**.
- 3 Scroll to **Customize** and press **Select**.
- 4 Scroll to **Ringging options** and press **Select**.



- 5 Scroll to one of the ringing options, as described below, and press **Select**.

Ring	The phone rings normally.
Ascending	Ringing volume increases (gets louder) if the phone is not answered.
Ring once	The phone rings once to indicate an incoming call.
Beep once	The phone beeps once to indicate an incoming call.
Silent	The phone makes no sound.

Set the ring volume

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

10

- 1 Press **Menu 3 (Profiles)**
- 2 Use  or  to scroll to the profile for which you want to set the ringing volume, and press **Select**.
- 3 Highlight **Customize** and press **Select**.
- 4 Scroll to **Ringing volume** and press **Select**.
- 5 Scroll through the options. When you hear the volume level you wish to use, press **Select**.



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.

Set the ringing tone



The **ringing tone** is the sound your phone makes when you receive a call. You can set the ringing tone to a specific sound, or to a tune, to personalize how the phone rings.



Note: If you have already chosen a ringing option of either **Silent** or **Beep once**, the ringing tones are already turned off. See "Set ring options" on page 70 for details.

1 Press **Menu 3 (Profiles)**

Your phone lists each profile.

2 Use  or  to scroll to the profile for which you want to set the ringing tones.

3 Press **Select**.

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



5 Scroll to **Ringing tone** and press **Select**.

6 Scroll through the options, and when you hear the tone you want to use, press **Select**.

Set a vibrating alert

Instead of choosing to have your phone ring, you can have it vibrate to indicate an incoming call.

1 Press **Menu 3 (Profiles)**

2 Use  or  to scroll to the profile for which you want to set the vibrating alert, and press **Select**.

3 Select **Customize** and press **Select**.

4 Scroll to **Vibrating alert** and press **Select** again.



5 Use  or  to scroll to **On** and press **Select**.

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



Set keypad tones

Keypad tones set the volume of the tone you hear when you press your phone's keys.

1 Press **Menu 3 (Profiles)**

2 Use  or  to scroll to the profile for which you want to set the keypad tones, and press **Select**.



3 Select **Customize** and press **Select**.

- 4 Scroll to **Keypad tones** and press **Select**.
- 5 Use  or  to 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, then the keypad tones are turned off.

Set warning 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 Use  or  to scroll to the profile for which you want to set the warning tones, and press **Select**.
- 3 Scroll **Customize**.
- 4 Select **Warning tones**.
- 5 Scroll to **On** and press **Select**.

10



If you do not want to use warning tones, you can turn them off by scrolling to **Off** and pressing **Select**.





Note: Game sounds can only be set under the Games menu.

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 Use  or  to scroll to the profile for which you want to set the message alert tone, and press **Select**.
- 3 Select **Customize** and press **Select**.
- 4 Scroll to **Message alert tone**, and then press **Select**.

- 5 Use  or  to scroll through your choices.
The phone plays samples of each choice as you scroll to it.
- 6 **Select** the tone you want.

• RENAME PROFILES

You can rename any of the profiles except **Normal**. You may want to use your own name for one of the profiles. If you do this, then whenever that profile is selected, your name appears on the Start screen.

- 1 Press **Menu 3 (Profiles)**
- 2 Use  or  to scroll to the desired profile and press **Select**.
- 3 Select **Customize**, scroll to **Profile name** and press **Select**.
- 4 Enter the new name and press **Select**.



11 Personalize phone settings

You can change certain settings so that your phone suits your own needs and lifestyle. Changes you can make include changing the language on the screen, showing or hiding the clock, and setting up one-touch dialing.

• SET THE LANGUAGE

You can set your phone to use a certain language.



Your possible choices are English, Spanish, Canadian French, Brazilian Portuguese, Russian, Hebrew, and Traditional Chinese. Languages vary in different regions. All these languages may not be available in your phone.

- 1 Press **Menu 4-4-1 (Settings > Phone settings > Language)**.
- 2 Use  or  to scroll to the language you want to use and press **Select**.

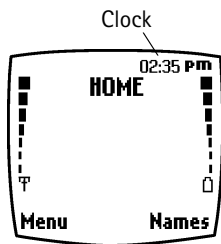
• SET AND DISPLAY THE CLOCK



Your phone has an internal clock that you can set to appear on the phone's screen. The clock is connected to an alarm clock. See "Set the alarm clock" on page 113 for details.

Set the clock

- 1 Press **Menu 4-2-2 (Settings > Time settings > Clock)**.
- 2 Use  or  to scroll to **Set the time** and press **Select**.
The Time field appears.
- 3 Enter the time using an 00:00 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**, use  or  to scroll to **am** or **pm** and press **OK**.
- If you set the time format to **24-hour**, the time is set as soon as you press **OK** after adjusting the time.

Show the clock on the Start screen

- 1 Press **Menu 4-2-2-1** (**Settings > Time settings > Clock > Show/Hide clock**)
- 2 To show the clock, scroll to **Show clock** and press **Select**.
Select **Hide clock** if the clock is showing and you don't want to see it.

Select the 12- or 24-hour format

You can change the way your clock shows the time, whether in *am/pm* (12-hour) or 24-hour format.

- 1 Press **Menu 4-2-2** (**Settings > Time settings > Clock**)
- 2 Use  or  to scroll to **Time format** and press **Select**.
- 3 Use  or  to scroll to either **12-hour** or **24-hour** and press **OK**.

• SET THE CLOCK TO BE UPDATED BY THE NETWORK

You can set your phone's clock to be updated by the network.

Turn on the network date and time update

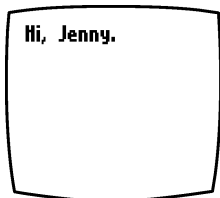
- 1 Press **Menu 4-2-3** (**Settings > Time settings > Auto update of date and time**)
- 2 Scroll to **On** or **Confirm first**, and then press **Select**.
If you choose **Confirm first**, you will receive the message **Update date and time of the phone?** before the phone's clock is updated. Select **OK** to accept the update or **Exit** to reject it.

Turn off the network date and time update

- 1 Press **Menu 4-2-3** (**Settings > Time settings > Auto update of date and time**), and then press **Select**.
- 2 Scroll to **Off**, and then press **Select**.



• ADD A WELCOME NOTE

You can set your phone to show a brief welcome note each time you switch on your phone. The note can include your name, a reminder, or more. The maximum length of this note is 44 characters.



1 Press **Menu 4-4-3 (Settings > Phone settings > 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  or  to move the cursor right or left.

3 Press **Options**.



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




If you ever want to erase the welcome note, select **Erase** instead.

11

• USE SPEED DIALING

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





To set up speed dialing, you assign a name from the phone book to a 1-touch dial location, using your phone's keys  through . When you press and hold the key, the phone automatically dials the associated number.

- : This key is used exclusively to dial your voice mailbox.
- : You can use this key to dial a customer care operator. See "Contact your service provider" on page 9 for details. You can overwrite this feature and assign a 1-touch dial location to the  key.

Set up a speed-dial key

1 Press **Names** and scroll to **1-touch dialing**.

2 Press **Select**.

- 3 Use  or  to scroll to the first number that includes the message **(empty)** and press **Assign**.
- 4 Use  or  to scroll to the name and number to which you want to assign this key and press **Select**.
Repeat these steps for as many keys as you want to set up.
- 5 To call a number using speed dialing, press and hold the appropriate key for a few seconds.
The phone dials the number.

Change speed dialing numbers

After you have assigned a speed dialing number to a key, you can change key and number associations at any time.

- 1 Press **Names**, scroll to **1-touch dialing**, and press **Select**.
- 2 Scroll to the key you want to change and press **Options**.
- 3 Scroll to **Change** and press **Select**.
- 4 Enter the new number or retrieve a number from the phone book.
- 5 When you've entered the number, press **OK**.



OR

If you've found a number in the phone book, press **Select**.

If the name you selected has more than one number, scroll to the number you want and press **Select**.



Erase speed dialing numbers

You can erase speed dialing key assignments at any time.

- 1 Press **Names**.
- 2 Use  or  to 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**.
- 5 Press **OK**.

• SET YOUR PHONE TO ANSWER AUTOMATICALLY

You can set your phone to answer incoming voice calls after one ring. This setting works 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 4-5-1-2** (**Settings > Accessory settings > Headset > Automatic answer**)
- 2 Press **Select**.
- 3 Use  or  to scroll to either **On** or **Off** and press **Select**.



Note: **Car** and **Headset** do not appear unless your phone has already been connected to a car kit or headset.

• SET THE LIGHTS (CAR KIT ONLY)

While your phone is connected to a car kit, you can set the phone's lights two ways. You can either have the lights on only when you use the phone or have them on the whole time the phone is connected to the car kit.

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

- 1 Press **Menu 4-5** (**Settings > Accessory settings**) scroll to **Handsfree**, then select **Lights**.



Note: **Handsfree** does not appear in the list unless the phone has been connected to a car kit.

- 2 Scroll through your choices in the list below, and press **OK**.

Default profile	This is the profile your phone will use while using the headset. You can choose your default profile from 6 different profiles.
Automatic answer	Instructs the phone to turn off the lights within 15 seconds if no keys are pressed.
Lights	Instructs the phone to leave the lights on the entire time that your phone is connected to the car kit.

• RESTORE THE FACTORY SETTINGS

You can change the default (factory) settings for your phone. Later, you can return them to the original settings when needed.



Note: The phone does not reset the memory, timers, language selection, and security code. However, any profiles you have modified are reset when you restore your settings.

- 1 Press **Menu 4-8 (Settings > Restore factory settings)**
- 2 Enter your security code and press **OK**.

• 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 this Web site:

www.nokiaaccessibility.com

Alternate format user guides

This user guide is available in alternate formats, including:

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

To request any format, call Nokia Customer Care at (888) 665-4228. TTY/TDD users can contact Nokia at (800) 246-6542.

LPS-1 Mobile Inductive Loopset

The LPS-1 Loopset is a Nokia accessory designed to make the 6300 series phone more accessible to hearing-aid users.

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.

HOW THE LOOPSET WORKS

The LPS-1 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-1.



Note: The Loopset can be purchased separately as an accessory.

Accessible features

Your phone has many accessible features, including these:

- Tactile feedback when you press a key
- Adjustable display contrast
- Equalizer
- Ability to send and receive short text messages
- E-mail
- Convenience of one-touch dialing
- Vibrating alert for incoming calls and messages

TTY/TDD capable

This feature makes the phone more user friendly for hearing-impaired users.

EQUIPMENT YOU'LL NEED

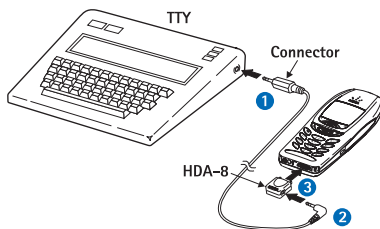
To send and receive messages using a TTY or TDD device, you will need the following equipment (in addition to your phone):

- A TTY/TDD device that is "cellular ready" or "cellular compatible"
- A connector cable, usually supplied with the TTY/TDD device
- The Nokia TTY/TDD cable HDA-8 Phone Adapter, which can be purchased as an accessory

Connect to the TTY/TDD hardware

How to connect the phone to the TTY:

- 1 Connect the cable to the TTY machine
- 2 Connect the cable to the adapter
- 3 Connect the phone to the adaptor




Make a call with TTY/TDD

- 1 At the **Start** screen, press **Menu 4-5 (Settings > Accessory settings)**. Select **TTY/TDD**. Select **Use TTY**, then scroll to **Yes**.
- 2 Dial the number on the phone.
- 3 When the receiving party answers, you can begin typing text on the TTY/TDD.

Receiving a TTY/TDD call

- 1 Ensure the TTY and phone are connected as described earlier in this section.
- 2 Once contacted by the other party, type responses on the TTY/TDD.

End a TTY/TDD call

Press  to hang up your phone.

12 Manage phone security

Your phone is equipped with a versatile security system that is intended to prevent unauthorized use of the phone.

You cannot activate or use certain phone features without having first successfully entered your phone's security code.

- The default (preset) 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.



Tips:

- When you enter the security code, a * appears on the screen each time you press a key. The * prevents others from seeing your code.
- If you enter the wrong security code five times in a row, your phone won't accept any entries for the next five 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.

12

• CHANGE YOUR SECURITY CODE

It's a good idea to change your security code so that others who know the default code cannot enter the correct code.

- 1 Press **Menu 4-7-2-1 (Settings > Security settings > Access codes > Change security code)**

The **Security code** field appears.

- 2 Enter the default security code and press **OK**.
- 3 At the message **Enter new security code**, enter your new security code and press **OK**.
- 4 At the message **Verify new security code**, enter your new security code again and press **OK**.


The message **Security code changed** appears.

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

• 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, two restriction options are available: **Select** and **Add restriction**. The maximum number of call restrictions you can define is ten.

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 .

12

Add a number to the call restriction list

You can create a list of restrictions for both outgoing and incoming calls.

- 1 Press **Menu 4-7-1 (Settings > Security settings > Call restrictions)**
- 2 Press **Select**, enter your security code, and press **OK**.
- 3 Scroll to **Restrict outgoing calls** or **Restrict incoming calls**, and then press **Select**.
- 4 Scroll to **Add restriction**, and then press **Select**.
- 5 Enter the number you want to restrict, or retrieve the number from the phone book, and then press **OK**.
- 6 Enter a name for the restriction, and then press **OK**.

If you press **OK** without entering a name, the number will be used.

After you have used the **Add restriction** option to add at least one restriction, the options become available:

Select	Allows you to select call restrictions from the outgoing calls list.
Add restriction	Allows you to add a call restriction.
Edit	Allows you to edit an existing call restriction.
Erase	Erases an existing call restriction.

Restrict outgoing calls

- 1 Press **Menu 4-7-1** (**Settings > Security settings > Call restrictions**)
- 2 Press **Select**, enter your security code, and press **OK**.
- 3 Scroll to **Restrict outgoing calls** and press **Select**.
- 4 Scroll to **Select** to choose from your list of call restrictions.
If you have not added any restrictions, your only option will be **All calls**.
- 5 Scroll to the restriction you want to activate and press **Mark**.
- 6 Press **Done**. The message **Save changes?** appears.
- 7 Press **Yes**.

When you or someone else attempts to place a call to a number you have restricted, the message **Call not allowed** appears, and the call is cancelled.

Restrict incoming calls

- 1 Press **Menu 4-7-1** (**Settings > Security settings > Call restrictions**)
- 2 Press **Select**, enter your security code, and press **OK**.
- 3 Scroll to **Restrict incoming calls**, and then press **Select**.
- 4 Scroll to **Select** and press **Select** to choose from your list of call restrictions.
If you have not added any restrictions, your only option will be **All calls**.
- 5 Scroll to the restriction you want to activate and press **Mark**.

Turn off call restrictions

Turn off restrictions by following the same steps you used to restrict incoming or outgoing calls. When you get to step 5,

- Scroll to the restriction you want to *deactivate* and press **Unmark**.
- You're asked if you want to save changes. Press **Yes** and the restriction is turned off.

13 Your personal digital assistant

Your phone features a personal digital assistant which includes a calendar, to-do list, a calculator and a stopwatch. Each of these features will help you to organize different facets of your personal and business life efficiently.

• CALENDAR

The calendar keeps track of notes, calls, meetings, and birthdays. It can also sound an alarm when it is time for you to make a call, go to a meeting, or wake up. To get to the Calendar feature, press **Menu 6-1 (Organizer > Calendar)**.



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





Open the Calendar / enter the Day list

At the Start screen, press **Menu 6-1 (Organizer > Calendar)**. After a brief pause, the month appears in the display.

13

Use four-way scrolling in the calendar

You can move through many of the calendar's features (such as day view), using the 2, 4, 6, and 8 keys.

- Press  to scroll up
- Press  to scroll down
- Press  to scroll left
- Press  to scroll right

Calendar options in day view

OPTION 1: VIEW DAY





This option is only available if you have written notes for the selected day.

OPTION 2: MAKE A CALENDAR NOTE

To make a note for a specific date, select the date, then press **Options**, and select the **Make a note** feature. There are four different types of notes to choose from: **Meeting**, **Call**, **Birthday** and **Memo**. Scroll to the desired note type and press **Select**. The maximum length of a calendar note can be 48 characters. *(After pressing **Select**, and saving your note, you will be prompted to choose whether or not you want to set the Alarm).*

- **Meeting** - Type your note text and press **Options** and **Save**. Enter the time and press **OK**.
- **Call** - Enter the phone number (or press **Find** to retrieve it from your phone book) and press **Options**, then **Save**. Enter the time and press **OK**.
- **Birthday** - Enter the person's name (or press **Find** to retrieve it from phone book) and press **Options** then **Save**. Enter birth date and year (optional). If you enter the year, then press **OK**. The note displays the person's age.
- **Memo note** - Enter the note and press **Options**, then **Save**. Enter the time and press **OK**.



Note: For faster scrolling when viewing special characters, you can use the  (up),  (down),  (left) and  (right) keys.

OPTION 3: GO TO DATE

By selecting **Go to date** in the Calendar **Options** list, you can jump to a specific date. After selecting a date, the **Day View** is opened.

OPTION 4: SEND NOTE

There are three ways you can send a note from your calendar to another phone: send via IR or send as text.

SEND A CALENDAR NOTE TO ANOTHER DEVICE VIA INFRARED

From the selected calendar day's day list:

- 1 Scroll to the note you wish to send and press **Options**.
- 2 Scroll to **Send note**, then press **Select**.

- 3 Point the infrared ports at each other.
- 4 Scroll to **Send via IR** and press **Select** to start data transfer.

OPTION 5: SETTINGS

The **Settings** option allows you to set the date, time, date format, time format and the week starts format for the calendar. The **Auto Erase** option allows you to set the phone to automatically delete old notes after a certain period of time. However, repeat notes such as birthday or anniversary notes will not be deleted.

• TO-DO LIST

Use this feature to create a to-do list and prioritize to-do items.

ADDING A TASK

- 1 Press **Menu 6-2 (Organizer > To-do list)**. After selecting **To-do list**, press **Options**, and select **Add**.
- 2 Enter the subject of the **To-do list** and press **Options**, then **Save**.
(For information about entering text, see "About entering letters and numbers" on page 33 and "Write with predictive text" on page 37).
- 3 Then scroll to the desired priority (1, 2, or 3) and press **Select**. You can change the priority later by using the **Options** menu: **Edit priority**.
 - Viewing tasks

Once in the **To-do list**, scroll to an item and press **Options**, then select **View**, to view its details.






From the tasks' **Options** menu, you can view, add, erase or edit a task. You can also edit the priority of a task, save a task to your calendar, turn off/on predictive text (Dictionary) or send your task as text, via SMS.



• USE THE CALCULATOR

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

- 1 Press **Menu 7-1 (Tools > Calculator)**

- 2 Enter the first number in the calculation.
- 3 Based on the type of calculation that you need to perform, use one of the following actions:

If you want to...	...Do this
Enter a decimal point	Press 
Add	Press  for + symbol.
Subtract	Press  twice for - symbol.
Multiply	Press  three times for * symbol.
Divide	Press  four times for / symbol.

You can also press **Options** and then use  or  to scroll to: **Add, Subtract, Multiply, Square, Square root, Divide, Change sign, To home, To foreign, or Exchange rate.**

13

- 4 Enter the second number in the calculation.



You can repeat steps 3 and 4 as many times as necessary. Press **Clear** to erase any mistakes.

- 5 Press **Options**, use  or  to scroll to **Equals**, and press **Select**.

Convert currency

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


SET THE EXCHANGE RATE

- 1 Press **Menu 7-1 (Tools > Calculator)**, and then press **Options**.
- 2 Use  or  to scroll to **Exchange rate** and press **Select**.
- 3 Select the exchange rate: **Foreign units converted to home units** or **Home units converted to foreign units**.

- 4 Press **Select**.

The exchange rate box opens, with the number 1.

- 5 Enter the appropriate number and press **OK**.

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

- 6 Press **OK**.

The **Exchange rate saved** message appears.

CALCULATE CURRENCY USING THE EXCHANGE RATE

- 1 Press **Menu 7-1 (Tools > Calculator)**

- 2 Enter the number of units for the exchange rate.

- 3 Press **Options** and scroll to **To home** or **To foreign**.

- **To home** converts foreign units of currency to home units using the exchange rate you entered.
- **To foreign** converts home units of currency to foreign units using the exchange rate you entered.

- 4 Press **OK**.

• STOPWATCH

You can use your **Stopwatch** feature to measure time in hours, minutes and seconds with your phone. This measured time can be saved, viewed, or erased.

Measure time

- 1 Press **Menu 7-2 (Tools > Stopwatch)**

- 2 Scroll to **Split timing**, then press **Select**.

- 3 Press **Start**.

The running time appears on the display. You can press **Stop** during any timing action to end the time measurement.

Measure split time

- 1 Press **Menu 7-2 (Tools > Stopwatch)**
- 2 Scroll to **Split timing**, then press **Select**. Press **Start**.
- 3 Take an intermediate time by pressing **Split**.

The clock continues to run.

The split time appears below the running time.

If you split the time more than once, the new measured time appears at the beginning of the list, and all times are numbered in descending order.

Measure lap time

The lap time function allows you to measure the amount of time it takes to complete a cycle or lap.

- 1 Press **Menu 7-2 (Tools > Stopwatch)**
- 2 Scroll to **Lap timing**, then press **Select**.
- 3 Press **Start**.

The running time appears on the display.

- 4 Take a lap time by pressing **Lap**.

Pressing **Lap** will stop the running time and cause it to restart from zero.

Each lap time will appear below the running time.

If you take more than one lap time, the newest measured time will appear at the top of the list of lap times. You can scroll to review previous times.

Save the time

- 1 While the clock is running, press **Stop**, then press **Options**.
- 2 Scroll to **Save**, enter a title for the measurement, then press **OK**. If a title is not entered, the time measurement will be used as a title.

Choose other stopwatch options

You can choose the following options when using the Stopwatch.

Choice	What it does
Continue	Shows up when the Stopwatch is working in the background.
Show last time	Allows you to view the last measured time.
View times	Allows you to browse the saved times.
Erase times	Allows you to delete the saved times. You can delete the saved times one by one or all at once.



Note: If you receive a call when using the Stopwatch, the clock continues to run in the background. After ending the call, you can return to the Stopwatch menu by taking the following steps:

- 1 Press **Menu 7-2 (Tools > Stopwatch)**, scroll to **Continue**.
- 2 Press **Select**.

14 Use prepaid services

With prepaid service, you buy wireless network services in advance. Your phone works the same way it did before, with some additional features.

Prepaid service may not be available from your wireless service provider. Contact the service provider for details.

• MANAGE PREPAID SERVICE

After you sign up with your service provider for prepaid service, you need to activate the **Prepaid** menu. This menu appears on your screen only if you've activated the service.

ACTIVATE PREPAID

- To activate prepaid services, enter the following sequence:

 *+ #0 7pre 7pre 6mno 6mno #0 (*#7766#)

The message **Prepaid menu enabled** appears on the screen.




DEACTIVATE PREPAID

- To deactivate prepaid services, enter the following sequence:

 *+ #0 7pre 7pre 6mno 3def 3def #0 (*#77633#)

The message **Prepaid menu disabled** appears on the screen.

USE THE MENU

- To use the **Prepaid** menu, press **Menu** and then press  to go immediately to the **Prepaid** menu.
- Press  or  to scroll through prepaid options.

• SAVE YOUR ACCESS NUMBERS

You can check your prepaid balance and add money when the balance runs low. To do that, you first need to save the correct access numbers in your phone. Contact your service provider for the access numbers.

- 1 Press **Menu 11-3 (Prepaid > Save access phone numbers)**

- 2 At **Save access phone numbers**, press **Select**.
- 3 Scroll to **Replenish phone number**, enter the access number you got from your service provider, and press **Select**.
- 4 Scroll to **Balance phone number**, enter the balance number you got from your service provider, and press **OK**.

The message **Saved** appears to confirm each entry.

• ADD MONEY TO YOUR ACCOUNT

To add money, you must first have saved the correct access number in your phone. (See the previous section for instructions.)

- 1 Press **Menu 11-2 (Prepaid > Add money to account)**
- 2 At **Card number**, enter your prepaid card number and press **OK**.
- 3 When you see the message **Add money to account**, press **OK**.
- 4 When you see the message **Listen for prompt then press OK**, press **OK**.

When the addition to your account is complete, a voice message gives you the new balance.

- 5 When you see the message **Wait for prompt, then press OK**, press **OK**.

14

• CHECK YOUR PREPAID BALANCE

You can check the balance remaining in your prepaid account, free of charge. Contact your service provider for the toll-free access number used to check the balance.

To check the balance, press **Menu 11-1 (Prepaid > Check account balance)**. The phone calls your service provider, and a voice message gives you your balance.

15 Set network services features

You can subscribe to various network services whose availability depends on your service provider. Your phone supports the network services listed here. These services are not available from all providers or in all areas.

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

Feature code - 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, your phone sends the code to the network to verify that you're using the correct feature code.

Menus for network features - Menus for the services described here appear on your phone only after you've stored the appropriate feature code. You can use these menus to activate and deactivate the network services.

15

Voice privacy - 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, stored feature codes apply only to the primary phone number.

• SET UP HOW YOUR PHONE SELECTS A NETWORK

Your phone may not show the options described here. For information, contact your service provider.

Search for a network

- Press Menu 4-6-7 (Settings > Network services > System selection)

You can choose from the following network options:

Automatic	Your phone automatically searches for available networks and chooses the appropriate one. Every time you turn on your phone, it resets to Automatic .
Manual	The phone searches for networks and then shows a list of the ones that are available. If an available network is found, the word Available: appears on the screen followed by the name of the network. To choose the network listed, press OK .
New search	Your phone begins a new search for both private and residential systems. When it finds the best system available, the phone shows the system name. If the phone doesn't find another system, the question Perform an extended search? will appear. Press OK if you wish to continue searching.



Note: If you have two phone numbers, you can use the **Manual** and **New search** options only with your primary phone number.

• USE YOUR PHONE WHILE TRAVELING

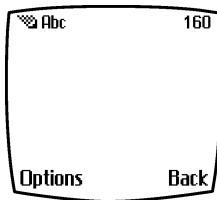
15

When your phone is outside its home area, the phone is said to be *roaming*. Calls made or received while you are roaming may cost more than calls made in your home area. Check with your service provider for details.

- When your phone begins roaming, the phone beeps once and may show the word **ROAM** on the phone's screen, depending on how roaming works with your phone.
- When your phone is not roaming, it either shows the word **HOME** or the name of your service provider.
- When you're roaming in some systems outside your home area, the system in which you're traveling (the host system) may not recognize your phone. You may not be able to place a call.

16 Communicate with text messages

You can use your phone to send and receive short text messages and e-mail if your service provider offers the message feature and if you subscribe to the service. Both services are network dependant features, so you must consult your service provider.



• ABOUT TEXT MESSAGES

Message recipients: The phone to which you send a text message must support text messages. It may not be possible to send an SMS text message to someone's phone who has an account with a different service provider or a phone with a different protocol, but you can send and receive e-mail messages.

Message length: The maximum length of a received text message is 160 characters. Your phone has space for several text messages, depending on the length of each message. The maximum length of a text message depends on the capabilities of the network from which the message originated.

16

• USE FOLDERS FOR TEXT MESSAGES

Your phone has four folders for managing text messages.

Inbox	The inbox stores messages you receive. Messages remain in the inbox until you delete them or save them in the archive folder.
Outbox	The outbox stores messages you have written, sent, edited and forwarded.

Archive	The archive folder stores messages you want to save.
Templates	The templates folder stores message templates you edit and create. A template is like a form letter—a message you can use many times.

• WRITE AND SEND A TEXT MESSAGE

When writing text messages, use the predictive text method for fast text entry. For details, see “Write with predictive text” on page 33.

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

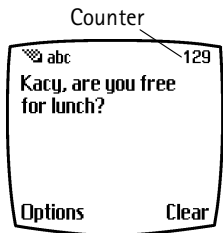
The message screen appears.

2 Enter a message of up to 160 characters.

A counter in the upper right corner of the screen shows the number of characters remaining.


3 When you've finished writing, press **Options**, then select **Send**.

4 Enter or retrieve the recipient's phone number, and then press **OK**.



Sending message appears. When the message is successfully sent, **Message sent** appears.





Tip: If you need to exit while writing the message, press  at any time. Later, return to the write message screen to finish writing the message. If you turn off the phone without saving the message, the message will be lost.

Options when writing a text message

Send	Sends the message.
Settings	Allows you to choose options for the message: Callback no. , Reply request , Read receipt , and Urgent .
Save	Saves the message.
Clear text	Clears the message screen.
Exit editor	Takes you back to the Write message screen.
Insert name	Allows you to insert a name from the phone book.
Insert number	Allows you to insert a number from the phone book.
Use template	Allows you to insert a template.
Attach picture	Allows you to attach a picture to a text message.
Insert word	If predictive text (T9) is activated, you can manually spell a word and insert it into your message. Insert word is not available unless predictive text is activated.
Insert symbol	Takes you to the list of special characters. Predictive text must be on to use this feature.
Predictive text	Activates or deactivates predictive text.


• RESEND A MESSAGE FROM THE OUTBOX

A message in the outbox shows one of two icons:

- The  icon shows that you have sent the message to the text message center.
- The  icon shows that you have tried to send the message, but the sending attempt was unsuccessful.

- 1 Scroll to the message, and then press **Select**.
- 2 Press **Options**.
- 3 Scroll to **Send**, and press **Select**.
- 4 Enter or find the number to which you want to send the message, and press **Send**.

• RECEIVE A TEXT MESSAGE

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

- **Message received** - Means 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. These messages are indicated by an exclamation point (!).

16

• READ A TEXT MESSAGE



- 1 Press **Show**.
If only one message has been received, then the message is displayed. If more than one message has been received, then this action takes you to the **Inbox**, where the new message is highlighted.
- 2 Press **Select** to read the message.
- 3 Press **Options** for a list of choices you have while reading the message (see the list at the end of this section).

- 4 Press **Select** 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 other message and appears first.

OPTIONS FOR A MESSAGE

When you press **Options** while reading a message, you have the following choices.

Erase	Erases the current message.
Reply	Provides a screen where you can write a reply.
Chat	Allows you to start a chat session.
Use number	<p>Calls the person who sent you the text message, if their phone number is included in the message. You can also press  while the message is open to dial the number.</p> <p>If more than one number is on the screen, the numbers appear in a list. Scroll to the phone number you want to call and press .</p>
Forward	Forwards the message to another person. That person must have the appropriate message service.
Edit	Allows you to edit the message.
Save	Saves the message in the archive folder.
Rename	Allows you to rename the message.

• SAVE A MESSAGE IN THE ARCHIVE FOLDER

When you send or receive a text message, you can save it in the **archive** folder. Messages can be saved from the inbox and the outbox.

Save a message

- 1 Highlight the message you wish to save and press **Select**.

- 2 Press **Options**.
- 3 Scroll to **Save**, and then press **Select**.
The message **Saved to archive** appears.

• CUSTOMIZE MESSAGE SETTINGS


Select **Menu 01-10 (Messages > Message settings)**

Two options are available under **Message settings**:

- **Sending profile** - Select **Sending profile to** view and access the features you can change, in order to customize the default style of the messages you send from your phone.
- **Font size** - Choose between small and large fonts to customize your view of messages which you will read or edit.

• 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. Messages are not deleted from your phone's archive and templates folders.

- If after deleting messages the memory is still full, your phone shows the message **No space: message waiting**. The  icon blinks.
- Clear the notification by pressing **OK**.

• ERASE MESSAGES

You can erase a message individually or erase the contents of an entire folder at once. You also have the option of erasing all read messages from all folders at the same time.

Erase a message

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

Erase messages from folders

- 1 Press **Menu 01-8 (Messages > Erase messages)**. You will have the following options: **All read**, **Inbox**, **Outbox**, and **Archive**.
- 2 Scroll to the folder from which you want to empty all messages and press **Select**.
All messages in that folder will be deleted. If you choose **All read**, every message you have read will be deleted simultaneously from the **inbox**, **outbox** and **archive** folders.
- 3 Enter your security code and press **OK**. The message **All messages erased** appears.

• REPLY TO A MESSAGE

- 1 After reading a message, press **Options**.
- 2 Scroll to **Reply**, press **Select**, and choose one of the following reply options:

- **As message**
- **As e-mail**

Once you select the type of reply, choose one of these options:

- **Blank screen**
- **Original text**
- **Template**
- **Yes**
- **No**
- **Ok**

- 3 Edit your reply, and then press **Options**.
- 4 Scroll to **Send**, and then press **Select**.
The phone shows the return number.
- 5 Edit the number if needed, and then press **OK**.

• FORWARD A MESSAGE

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

• SEND AND RECEIVE E-MAIL MESSAGES

You can use your phone to send and receive e-mail messages. The e-mail feature is not available from all service providers.

Send an e-mail message

- 1 Press **Menu**, select **Messages**, then select **Write e-mail**
- 2 The e-mail address box opens.
- 3 Enter the e-mail address, or press **Find**.
 - If you press **Find**, 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 e-mail address, your phone shows the message, **No e-mail addresses found**.
 - If you enter the e-mail address, press **OK** when you've finished.

The Subject box opens.

- 4 Enter a subject and press **OK**.
- 5 When the message screen appears, enter your message.

The maximum number of characters for message length varies; check with your service provider for details.

You can turn on predictive text input if you wish. For information, see "Write with predictive text" on page 33.

- 6 When you've finished the message, press **Options**, select **Send**.

A status message tells you the mail is being sent.



Note: If your phone asks for an e-mail gateway number, contact your service provider.

• REPLY TO OR FORWARD AN E-MAIL MESSAGE

- 1 If the message is not on the screen, press **Menu 01-4 (Messages > Inbox)**.
- 2 Select the message you received and press **Select**.
- 3 Press **Options**, scroll to **Forward** or **Reply**, and press **OK**.
- 4 Scroll to **As e-mail** and press **Select**.
- 5 Follow steps 3 through 6 in "Send an e-mail message."

• RECEIVE AN E-MAIL MESSAGE

To receive e-mail messages, you need the special e-mail address provided by your wireless service provider. You can give this address to people who need to reach you by e-mail. They can then send e-mail messages to you from their computers or other e-mail devices.

- Messages sent to you by e-mail arrive as regular text messages. You can use all the options described earlier to save, reply to, or forward a message.
- See your service provider to get the e-mail address for your phone and for more information on using e-mail on the service.

• USE TEMPLATES

You can view and edit the preset messages, or **templates**, that are available for writing a message. Templates can be used when you write, reply to, or edit a message.

Work with templates

- 1 Press **Menu 01-7 (Messages > Templates)**
- 2 Scroll to the template you want and press **Select**.
- 3 Press **Options** to view the menu list:

Send	Sends the template as a text message.
Edit	Allows you to edit the template before sending.
Rename	Allows you to rename the template.
Use number	See 'Use Number' on p. 107.

Insert a template when writing a new message

- 1 Press **Menu 01-1 (Messages > Write message)**
- 2 Press **Options**, scroll to **Use template**, and press **Select**.
- 3 Scroll to the template you want and press **Select**.
- 4 Continue as you would when sending a new text message.



Note: You can also insert a template when replying to or editing a message.

• PICTURE MESSAGES

You can send picture messages with your phone. There are several images included in your phone and space for five additional pictures.



Note: Picture messaging must be supported by your service provider.

Send picture messages

- 1 Press **Menu 01-1 (Messages > Write message)**. Select **Options**, then scroll to **Attach picture** and press **Select**.
- 2 Scroll to the picture you want to send, then press **View Select**.

The picture appears. To choose a different picture, select **Back**, scroll to another picture, then select **View**. Select **Attach** to attach the picture to the text message.

- 3 Press **Options** and scroll to **Send**.
- 4 Retrieve from your phonebook or enter the phone number to which you want to send the picture message.



Note: The phone number you choose must be able to receive picture messages.

- 5 Press **OK**.

Send picture messages with text

- 1 Press **Menu 01-1 (Messages > Write message)**. Write your text message, then select **Options**.
- 2 Scroll to the picture you want to send, press **View**. The picture appears. To choose a different picture, press **Back**, scroll to another picture, then press **View**.
- 3 Select **Attach**. Press **Options**, then select **Send**.
- 4 Enter the phone number to which you want to send the picture message and press **OK**.

Sending picture message appears.



Note: The phone number you choose must be able to receive picture messages.

Receive picture messages

- 1 When your phone displays **Message received**, press **View**, then the message appears.
- 2 If the picture has a text message with it, scroll up or down to see the entire message.
- 3 Press **Save** to keep the picture message, or select **Back** and **Exit** to delete it.

Other picture message options

Erase - Deletes the picture you select.

Use number - Automatically lets you save any phone number included in the text of the picture message.

Details - Shows the phone number of the person who sent you that picture message.

• CHAT WITH OTHER PHONE USERS

You can have a direct conversation with another person using the chat feature. Chat has distinct advantages over text messaging, such as faster send and reply, as well as direct, uninterrupted communication with your chat partner. To use chat you must subscribe to text messaging, which is network dependent. Contact your service provider for more information.

Start a chat session

- 1 Press **Menu 01-3 (Messages > Chat)**
- 2 Enter the other party's phone number or retrieve it from the phone book and press **OK**.
- 3 At **Your chat name:**, enter a name for the chat session and press **OK**.
- 4 Write your chat message, press **Options**, and then press **Send**.

The reply from the other party is shown above your original message.

- 5 Press **OK** to clear the screen and reply to the message.
- 6 To view the previous message or edit your chat name, press **Options** and select **Chat history** or **Chat name**.



Note: You can start a chat session when replying to a regular text message as well. After reading the message, select **Options**, and then select **Chat**.

Use predictive text for quick replies

When you are in a chat session, you can use the phone's dictionary to help speed up text entry.

- 1 Press **Menu 01-3 (Messages > Chat)**
- 2 From the message screen press **Options**.
- 3 Scroll to **Dictionary**, then press **OK**.
- 4 Scroll to the language you want, then press **OK**.
T9 Dictionary activated appears on the screen.

View chat history

You can view messages sent and received during the active chat session.

- 1 From the message screen press **Options**.
- 2 Scroll to **Chat history** and press **Select**.

Change your chat name

- 1 From the message screen press **Options**.
- 2 Scroll to **Chat name**, press **Select**, then enter new nickname.

End your chat session

From the message screen select **Options**, then select **Exit**.



Warning: Once you exit your chat session, the messages are deleted automatically. There is no way to save the chat history.

17 Use special features

This section describes several special features, including transmission of business cards, downloading ringing tones from the Internet, and setting the alarm clock.

• SEND AND RECEIVE BUSINESS CARDS

Your phone can send or receive electronic business cards. A **business card** consists of a name, phone number, and text entry. You can save received business cards in your phone book.

Send a business card

- 1 Find the name in your phone book.
- 2 Press **Details**.
- 3 Press **Options** and scroll to **Send bus. card**.
- 4 Press **Select**.
- 5 Choose **SMS** or **Infrared**.
(**SMS** stands for *short message service*.)
- 6 Choose **Primary no.** or **All details**, and then press **Select**.
This step appears only if you have two numbers saved with the name or if you have a text entry.
- 7 Enter or retrieve the phone number to which you want to send the business card, and press **OK**.

View a received business card

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



Note: If you press **Exit** at any time before you save the business card, the message **Discard business card?** appears. You have the option of **OK** or **Back**.

- 1 When your phone shows **Business card received**, press **Show**.
- 2 Scroll through the available information.

Save a viewed business card

- 1 While viewing the business card, press **Options**.
- 2 Scroll to **Save**, and then press **OK**.

Delete a viewed business card

- While viewing the business card, press **Options**.
- Scroll to **Discard**, and then press **OK**.

• DOWNLOAD RINGING TONES

You can download up to 20 ringing tones to replace the personal entries in your list of tones. **Ringling tones** can be ringing sounds or short tunes. For details about this network service, contact your wireless service provider, who can also point you to Web sites that offer these tones.



Note: If you press **Exit** at any time before you save the ringing tone, the message **Discard received ringing tone?** appears. You have the option of **OK** or **Back**.

Receive a ringing tone

If you have this service and your phone receives a downloaded ringing tone, your phone shows the message **Ringling tone received**.

- 1 Press **Options**.
- 2 Choose between **Playback**, **Save tone**, and **Discard**.

Save a received ringing tone

- 1 If you want to save a ringing tone after you've listened to it, press **Back**.
- 2 Scroll to **Save tone**, and then press **Select**.
- 3 Choose the ringing tone you want to replace—either an empty personal placeholder, if any are remaining, or a tone you've downloaded previously.

4 Press **OK**.

The phone saves the new tone in the list of ringing tones. For instructions on changing the ringing tone on your phone, see "Set the ringing tone" on page 71.

Discard received ringing tones

You can discard a ringing tone if you don't want to save it.

Press **Exit**.

OR

Press **Options**, scroll to **Discard**, and then press **Select**.

• SET THE ALARM CLOCK

The alarm clock is based on the time settings in 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 phone's current volume and tone settings.
- If you have selected the **Silent** or **Beep once** ringing tone, the alarm clock quietly beeps once. The best profile to use with the alarm clock is **Normal** or **Outdoor**, unless these profiles have been modified from their original settings.



Note: Do not switch on the phone where wireless phone use is prohibited or where it might cause interference or danger. Even if you are merely setting the clock, your phone is active when it's on.

17

Set the alarm clock

1 Press **Menu 4-2-1** (**Settings > Time settings > Alarm clock**)

The **Set alarm time** message appears.


2 Enter the time for the alarm and press **OK**.

Use the hh:mm format (03:40, for example). The alarm clock replaces any existing numbers with the new time.

- 3 Select either **am** or **pm**.

The **am** and **pm** options appear only if you've chosen the am/pm format for the clock.

- 4 Press **OK**.

The **Alarm on** message appears, and the alarm clock icon  appears on the Start screen.

Turn off the alarm clock when it sounds

When the alarm clock sounds:

- Press **Stop** to turn it off.
- Press **Snooze** to set the alarm to go off again in 10 minutes. The message **Snoozing** appears on the screen. If you wish to cancel the snooze, press **Stop**.

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

Turn off the alarm clock altogether

If you want to turn the alarm clock completely off:

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

Alarm clock appears on the screen with the current alarm time.

- 2 Press **Select**, scroll to **Off**, and press **OK**.

18 Infrared

Your phone is capable of interacting with, or connecting to a variety of devices using IR (infrared) or the DLR-3P serial cable.

Your phone can exchange information with other phones, desktop and laptop PCs, and handheld devices. Your phone can also function as a wireless modem when connected to PCs and handheld devices.



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

• INFRARED BASICS

Your phone can send and receive certain types of data by way of the phone's infrared (IR) port. Transmission and reception must be to or from a Infrared Data Association (IrDA) compatible phone or device.


Your Nokia phone is a Class 1 Laser Product.




Tip: The preferable distance between two devices in an infrared connection is from 3 inches to 3 feet. There must be no obstructions between the two devices and both IR ports must be pointed at each other.




Enable infrared communications

Before you can receive information (business cards, calendar or to-do list notes) or make an infrared connection to a PC or handheld device:

- 1 Make sure that the IR ports of the two devices are pointing at each other.
- 2 Press **Menu 9-1 (Connectivity > Infrared)**, and then press **Select**. You see the message **IR reception activated**, and the IR icon  appears on the Start screen.
- 3 Have the user of the sending device select the desired IR function to start data transfer. If data transfer does not start within 2 minutes after the activation of the IR port, the connection is cancelled. You must start it again.

Check the status of an IR connection

The status of an IR connection is shown by the infrared icon .


- When  appears steady, there is an IR connection between your phone and the other device.
- When  doesn't appear, no IR connection exists.
- When  blinks, your phone is trying to connect to the other device or the connection has been lost.

• SEND AND RECEIVE INFORMATION

You can transmit information in your phone book by infrared (IR) using the industry-standard v.card format. You can send business cards (v.cards) to another phone, to a PC running the appropriate software, or to other IR-equipped handheld devices such as Palm™ and Pocket PC™.

Send a business card to another device

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

- 1 Retrieve the phone book entry you would like to send by IR.
- 2 Press  twice (**Details > Options**).
- 3 Scroll to **Send bus. card** and press **Select**.
- 4 Point the two IR ports at each other.
- 5 Scroll to **Via infrared**, and then press **Select**.

Sending indicator



The message **Sending business card** appears on the screen.



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

Receive a business card from another device

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

- 1 Point the two IR ports at each other.
- 2 Press **Menu 9 (Infrared)**
- 3 When you see the message **Business card received**, press **Show**.
- 4 Press **Options** to select **Save** or **Discard**, and press **Select**.
 - If you press **Save**, you see the confirmation message **Business card saved**.
 - If you press **Discard**, you see the question **Discard business card?**. Press **OK** to discard the information.

Send calendar notes

You can send and receive calendar notes using the same basic procedures as those found in the section "Send a business card to another device" on page 116.




To-do notes

You can send and receive To-do notes between phones, as well as between other IR-equipped devices such as Palm™ and Pocket PC™.



Note: Make sure that the other phone or device is set to receive data by way of its IR port. Refer to the user guide for the other device for more information on enabling IR communications and receiving data over IR.

SEND A TO-DO NOTE TO ANOTHER DEVICE

- 1 Scroll to the to-do note you wish to send and press .
- 2 Scroll to **Send**, and then press .
- 3 Point the infrared ports of each device at each other.
- 4 Scroll to **Send via IR** and press  to start data transfer.

• PC CONNECTIVITY

You can make a serial connection between your Nokia phone and your Infrared-equipped laptop or IR-equipped desktop PC. Once you establish this connection, you can access your phone's information from your PC, or use your phone as a wireless modem.

Download software

The following applications are provided to you free of charge, and are available for download from:

<http://www.nokia.com>

Nokia PC Suite

Once your phone is connected to your PC via Infrared, you can use the various components of Nokia PC Suite to:

- make a backup copy of the data in your phone (Content Copier).
- edit phone book names and numbers, profiles, and settings via your PC's keyboard (Phone Editor).
- create new ringing tones and transfer them to your phone (PC Composer).

Instructions for PC Suite installation and setup, as well as the PC Suite user guide are available as part of the software download. Please refer to the documentation provided with PC Suite for more information.

Modem Setup

This network dependent feature allows you to use your Nokia phone as a wireless modem with your laptop computer, giving you access to the Internet (for e-mail and Web browsing) or corporate networks wherever you are.

Before you can use this function, please download and install the Nokia Modem Setup application. This application automates the process of installing a new hardware device with your Windows operating system.

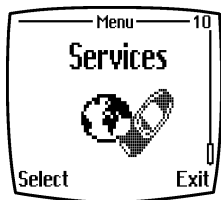


Note: This is a network dependent feature. It is available only if your service provider's network supports digital data and fax calls, and if you subscribe to these services. Please check with your service provider prior to making digital data or fax calls.

19 Connect to the Internet

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

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



Note: To use the browser, you may need to subscribe to additional services. Also, your service provider may need to configure your phone for browsing after you've subscribed. This is a network dependent feature. Contact your service provider for more information.

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. Once at your service provider's home page, you'll find links to a number of other sites that offer wireless access.



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.

• SET UP FOR BROWSING

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

• SIGN ON TO THE INTERNET

Use the Services menu to connect to the Internet.

- 1 At the Start screen, press **Menu 10 (Services)**.
- 2 Choose **Home**, then press **Select**.

Your phone asks if you accept charges and then 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.
- If you see the message **Check service settings**, the phone may not be set up for browsing. Contact your service provider to make sure that your phone is configured properly.


• 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.

Home	Starts the browser and takes you to your service provider's home page.
Bookmarks	Shows a list of all saved bookmarks
Settings	Provides options for changing connection settings, appearance settings, and security certificate.
Go to address	Accepts an address you enter.
Clear the cache	Empties the browser's temporary memory and frees up space. It's advisable to empty your cache at the end of each session.

• SIGN OFF THE INTERNET

Press  at any time (or select **Exit**).

Edit a data entry field

When you need to enter information, follow these steps.

- 1 Scroll to highlight the data entry field and press **Options**, and then select **Edit**.
- 2 Use the phone's keypad to enter the text in the data entry field (for example, **Miami**), and press **Options**, then 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**.

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 the 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**.

The message **Bookmark saved** confirms your choice.

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 Play games

Not only can you use your phone for communication, but also for some serious fun. You can choose from any of the five games listed below.

SNAKE 2

SPACE IMPACT

PASS 'N RUSH

PAIRS 2

RACKET

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.

Game settings

Go to game settings by pressing **Menu 8-2 (Games > Settings)**. Here you can customize a game by activating or deactivating game sounds, game lights and shakes.

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



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 simply playing a game, the phone is active.

21 Frequently asked questions (FAQ)

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 24.

Q. What is my security code?

- A. The default security code is 12345. However, Nokia recommends 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. You can lock the keypad by pressing **Menu** > ****+**. The term **Keyguard** is also used in connection with this feature.

Q. How do I unlock the keypad?

- A. Press **Unlock and then press** ****+**. The term **Keyguard** is also used in connection with this feature.

Q. How do I make the ringing louder?

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

Q. How do I change the ringing tone?

- A. Press **Menu 3 (Profiles)** and scroll through the list of profiles until you find the one for which you want to set the ringing tone. Then press **Select**.

- Highlight **Customize** and press **Select**.
- Scroll to **Ringing tone**, and then press **Select**.
- Scroll through the options. After you hear the tone you want to use, press **Select**.

Q. How do I store my voice mailbox number?


- A. Press **Menu 01-9-2 (Messages > Voice messages > Voice mailbox number)**. Enter your voice mailbox phone number, and press **OK**. The screen tells you that the number is saved.

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**.

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

- Press and hold .
- Press **Menu 01-9-1 (Messages > Voice messages > Listen to voice messages)**. Follow the voice prompts to review your messages.

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

- A. Turn your phone off, and then remove the battery from the phone. On the sticker that is under the battery, after the word *Model*, your phone's model number is printed.



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**.

Use  or  to scroll to the first number that includes the message (empty) and press **Assign**.

Enter or retrieve the name/number you want to assign this key and press **Select**.

Repeat these steps as many times as necessary.

Q. How do I find out the amount of memory I have used in my phone?

- A. Press **Names** and scroll to **Settings**.

Press **Select**.

Scroll to **Memory status** and press **Select** again. Your memory status appears.

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

- A. Turn your phone off, remove the phone's back cover. See "Install the battery" on page 11 on page 13, for more information. On the inside of the phone, on the sticker 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. See "**Note:** The next two topics require that you use menus. You may wish to review the next two chapters to learn more about menus and then return here to adjust screen contrast and equalizer." on page 17.

Q. How do I clear my call timers?

- A. **WARNING:** The clearing of call timers cannot be undone.

Press **Menu 2-5-6 (Call log > Call timers > Clear timers)**.

When the security code field appears, enter your security code and press **OK**.

22 Glossary

Business card	A business card is the same as an entry in the phone book. It may contain a name, phone number, and text entry. It can also be sent to other devices.
Call forwarding	A network services feature you use to forward incoming calls to another number.
Call lists	A list used to track numbers for incoming, outgoing, or missed calls.
Call log	A log that registers information about calls you make and receive.
Call timers	Timers used to track the amount of time you spend on calls.
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.
Electronic serial number	The identification number that is assigned to the phone.
In-call options	Features available for use while you are in a call.
Keypad	Locks the keypad to prevent accidental keypresses.
Keypad tones	The tone you hear when you press a key.
Menu	A list of choices you can make to change settings on your phone or use various phone features.
Number type locations	A location for a specific type of number, such as a Home or Work number.

Predictive text	A method of entering information in your phone that uses a dictionary to predict, or guess, what you are writing.
Primary number	The number your phone dials when you select a name from the phone book that has more than one number assigned to it.
Profile	A group of settings you can use to customize the way your phone works.
Quick save	A fast method for saving a number.
Ringtone	The sound your phone makes when you receive a call. Ringing tones can be ringing sounds or short tunes.
Scroll bar	A bar that appears on the right side of the screen when you scroll through the main menus.
SMS	The quick way to say short message service.
Start screen	The "home base" for your phone.
T9	The technical name for predictive text.
Template	A template is like a form letter—something you can use many times.
Voice mail	A network services feature that enables people who call and miss you to leave a voice message on your phone.
Warning tones	Sounds your phone makes during error conditions, during confirmations, when the battery is low, and when you need to recharge the battery.

23 Reference information

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

• BATTERIES AND CHARGERS

This phone is intended for use when supplied with power from chargers labeled ACP-7U, ACP-8U, LCH-8, or 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 back of the battery.

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

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

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

The following list provides guidelines that you can follow:

- When the operating time (talk time and standby time) is noticeably shorter than normal, buy a new battery.
- Use the battery only for its intended purpose.
- Never use any charger or battery that is damaged and/or worn out.
- Batteries must be recycled or disposed of properly. Do not cut or puncture batteries, and do not dispose of batteries by putting them in fire!
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

• IMPORTANT SAFETY INFORMATION

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 hand-held telephone while driving a vehicle.

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 a sudden stop.



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

Remember: Road safety always comes first!

Operating environment

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

Use the phone only in its normal operating positions.

Electronic devices

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

PACEMAKERS

Pacemaker manufacturers recommend that a minimum separation of six inches (20 cm) 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 6 inches (20 cm) from their pacemakers 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



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

HEARING AIDS

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

OTHER MEDICAL DEVICES

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

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

VEHICLES

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. 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.

Potentially explosive atmospheres

Switch off your phone if you are in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks in such areas could cause an explosion or fire, resulting in bodily injury or even death.

You are advised to switch off the phone while at a refueling point (service station). You are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often—but not always—clearly marked. 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 may be dangerous and may 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.

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

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

• EMERGENCY CALLS

IMPORTANT

This phone, like any wireless phone, operates using radio signals, wireless and landline networks, 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).

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

Make an emergency call

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

3 Press .

If certain features are in use (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 may be the only means of communication at the scene of an accident—do not end 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 values, as reported to the FCC for this model phone, when tested for use at the ear is 1.15 W/kg, and when worn on the body, as described in this user guide, is 0.9 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 GML NPW-2NX**.

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, place the phone in the carrying case (Nokia Tested Accessory) 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/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions, please look under product information at www.nokia.com.

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 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 liquid or moisture 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 and may damage the phone's electronic circuit boards.
- Do not attempt to open the phone. Non expert handling of the device could damage it.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.
- Do not paint the. Paint can clog the device's moving parts and prevent proper operation.
- Use only the supplied or a Nokia-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate regulation government radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

• ACCESSORIES

If you want to enhance your phone's functionality, a range of accessories 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 and could be dangerous.

• BATTERIES

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



Note: 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

The following table shows battery charging times for the specified charger.

Battery Option	ACP-7U Charger	ACP-8U Charger
BLB-3 Li-Ion 1000 mAh	3hr 50min	2hr 20min

Standby and talk times

The times shown in the following table are approximate and represent a range for either standby or talk times (not a combination of both). Battery operation times vary according to signal conditions, network parameters set by the service provider, how you charge your phone and how you use your phone, and also the transmitting power level.



Warning: Dispose of used batteries in accordance with any local regulations.

Refer to the following table for more information on talk and standby times in both digital and analog networks.

Battery option	Digital talk time	Analog talk time	Standby time	
			Digital	Analog
BLB-3 Li-Ion 1000 mAh	2.6h - 5.2h	1.1h - 2.7h	7-14 days	28h - 49h

• 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.

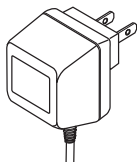
When a charger is not in use

- When a charger is not in use, disconnect it from the power source.
- Do not leave the battery connected to a charger for longer than a week, since overcharging the battery could shorten its lifespan. If left unused, a fully charged battery will discharge itself over time.

Standard Travel Charger (ACP-7U)

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

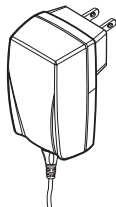
- To use the Standard Travel Charger, plug it into a wall outlet and connect the lead from the charger to the base of your phone.



Rapid Travel Charger (ACP-8U)

This is a lightweight 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.

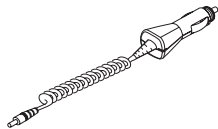


The charger can also be used together with the optional Desktop Charging Stand. Approximate charging times for discharged batteries are shown in "Charging times" on page 138.

Rapid Cigarette Lighter Charger (LCH-9)

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

Calls are possible during charging. A green light indicates that the charger is ready for charging (when not charging) or finished charging (if it has been charging). The battery charging times are the same as those for the Rapid Travel Charger (ACP-8U).



The input voltage range is from 11 to 32V DC, negative grounding. Avoid prolonged charging with the Rapid Cigarette Lighter Charger (LCH-9) when the car engine is not running; this 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.

Desktop Charging Stand (DCV-10)

Used together with the Standard Travel Charger (ACP-7U), the Rapid Travel Charger (ACP-8U) or the Rapid Travel Charger (ACP-9U), the Desktop Charging Stand is an economical choice when you need your phone close at hand, always ready for calls.

This charging stand allows you to charge your phone's battery in an upright, obtainable position on your desk.

- Charging is indicated by the scrolling battery bars that are located on the right side of your phone's Start screen.
- When the scrolling stops, the battery is approximately 80% charged. The battery is fully charged a couple of hours after this time.

Headset (HDC-9P)

The headset provides handsfree operation. It connects directly to the phone requiring no additional adapter and you can end a call by pressing the button located on the connecting cord, by the microphone.



• TROUBLESHOOTING

This section 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/receiving 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 67.
	You have forgotten your password or are entering it incorrectly.	Call your wireless service provider.
	The voice mail number you have saved is incorrect.	Call your wireless service provider.

• TECHNICAL INFORMATION

Weight	116 g (4.2 oz) with BLB-3 1000 mAh Li-Ion Battery
Volume	116.5 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 (Nominal)	3 V
Operating temperature	-4°F to +104°F (-20°C to +40°C)
Number of channels	832 lowband 1997 highband
Phone numbers	5 per entry
Memory locations	500

24 Nokia One-Year Limited Warranty

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

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

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

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

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

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

*Nokia is a registered trademark of Nokia Corporation.

Index

A

- ABC and 123 modes 30
- accessibility
 - alternate formats 80
 - features 81
 - mobile inductive loopset 80
 - solutions 80
 - TTY contact 80
 - website 80
- accessories 137
- activate
 - alarm clock 113
 - call forwarding 53
- adjust the volume 16
- advanced calling features 50
- alarm clock 113
- alarm clock, turning off 114
- alternate formats
 - audiocassette 80
 - e-text 80
 - large print 80
 - requesting 80
- analog talk times 138
- antenna
 - contact with 11
 - location 11
- automatic answer 79
- automatic redial 54

B

- basic operation 16
- batteries
 - disposal of 138

- battery
 - charging 12
 - important information 13
 - indicator 12
 - information 129, 137
 - installing 11
 - operating range 130
 - removal 13
 - temperature range 130
 - voltage 142
- bookmarks
 - entering manually 122
 - returning to 122
 - saving 122
 - using 122
- braille user guides 80
- browse
 - internet 119
 - phone menus 23
- browser
 - options 120
 - set up 119
- business cards
 - receiving 117
 - sending 116

C

- calculator 89
- call forwarding 53
- call history 46
- call lists, clearing 47
- call timers
 - clearing 49
 - turning on 49

- call waiting 51
- caller ID 62
 - feature code 63
- calling card
 - choosing 56
 - make a call 56
 - saving information 55
 - use 55
- calling features, advanced 50
- calls
 - make and answer 19
- calls, restricting 84
- care and maintenance 136
- channels 142
- characters, entering 31
- charge the battery 12
- charger
 - ACP-7U 139
 - ACP-8U 139
 - for travel 139
 - information 129
- charging times 138
- chat 109
- clock
 - network update 76
 - set the format 76
 - show 76
- conference calls 52
- Connecting to a PC 118
- contacting Nokia 8
- contacting your service provider 9
- Content Copier (PC Suite) 118
- contrast, adjusting 17
- convert currency 90

- currency
 - calculating 91

D

- data entry, internet 121
- DCV-10 desktop charger 140
- desktop charging stand 140
- dialed calls, checking 46
- dictionary, add words 36
- Digital Data 118
- digital talk times 138
- digital/analog selection 64
- download ringing tones 112
- Download software 118

E

- edit a name or number 42
- e-mail messages 105
- emergency calls, important information 133
- emergency calls, making 133
- enter
 - characters 31
 - letters and numbers 29
 - numbers 30
 - punctuation 31
 - spaces 31
- enter letters 30
- enter names and numbers 29
- entering letters and numbers 30
- erase
 - mistakes 32
 - names and numbers 42
 - text messages 103
- erase names or numbers 42

ESN number *8*
explosive areas, use *132*

F

factory settings, restoring *80*

FAQ *124*

1-touch dial *125*

call timers *126*

contrast *126*

ESN *126*

model number *125*

phone memory *126*

redial *125*

ringing tone *124*

ringing volume *124*

security code *124*

serial number *126*

voice mailbox *125*

FCC

website *135*

folder

erase messages from *104*

folders

archive *99, 102*

for text messages *98*

inbox *98*

outbox *98*

templates *99*

use of *98*

frequency range *142*

full memory *103*

G

games

pairs 2 *123*

playing *123*

snake 2 *123*

space impact *123*

starting *123*

glossary *127*

H

headset *140*

connect *16*

setup *16*

use *16*

hearing aids *131*

hearing impaired solutions *81*

help *23*

home network *97*

I

icons *7*

information

adding *29*

recalling *39*

Infrared *115*

Infrared connections *115*

insert symbols *37*

interference *1*

internet, connecting to *119, 120*

IR

activating *115*

connecting to a PC *118*

receiving a business card *117*

sending a business card *116*

sending a reminder note *88, 117*

status *116*

K

keypad lock *18*
keypad lock, how to *124*
keypad tones, setting *72*
keys, learning *18*
keys, selection *22*

L

label *9*
language setting *75*
LCH-9 rapid charger *139*
letter case, changing *32*
letters, entering *30*
lights, car kit *79*
lock the keypad *18*
loopset *80*
 how it works *81*
LPS-3 *80*

M

maintenance and care *136*
make and answer calls *19*
max characters - text messages *34*
medical devices *131*
memory is full *103*
memory locations *142*
memory status, checking *45*
menu number and scroll bar *20*
menu tips *24*
menus, phone *23*
message alert tone, setting *73*
messages
 checking *67*
 text *98*
messages, checking *67*

missed calls, checking *46*
mistakes, erasing *32*
model number *8*
Modem Setup *118*

N

name or number edit *42*
names and numbers
 saving *38*
 saving quickly *38*
names or numbers, erasing *42*
names, add second number to *43*
network search *96*
network service features *96*
network update of the clock *76*
Nokia PC Suite *118*
number selection *63*
number type, changing *44*
number types *43*
numbers, add to message *36*
numbers, entering *30*

O

operating environment *131*
options, while in a call *50*

P

pacemakers *131*
PC Composer (PC Suite) *118*
PC Connectivity *118*
PC Suite
 Content Copier *118*
 Instructions *118*
 PC Composer *118*
 Phone Editor *118*
PC Suite (application) *118*

- personalize phone settings 75
- phone book
 - entering 39
 - erasing 42
 - menus 40
 - opening 38
 - save an entry 39
 - save text entry 39
 - use number 121
 - views 41
- phone book menu 28
- phone book menu options 28
- phone book, erasing 42
- Phone Editor (PC Suite) 118
- phone help 23
- phone memory, when full 103
- phone menus 23
- phone numbers 142
- phone security, managing 83
- phone size 142
- phone symbols 21
- phone weight 142
- picture messages
 - viewing 108
- play games 123
- power on your phone 14
- power output 142
- predictive text 33
 - tips for 35
 - turning off 35
 - turning on 35
- prepaid access numbers, saving 94
- prepaid account, adding money to 95
- prepaid balance, checking 95

- prepaid services 94
- primary number, specifying 44
- profile
 - customizing 70
 - defined 69
 - renaming 74
 - selecting 69
- punctuation, entering 31

Q

- questions, frequently asked 124
- quick save, name and number 38

R

- rapid charger 139
- rapid travel charger 139
- received calls, checking 46
- redial 54
- reference information 129
 - batteries and chargers 129
- reminders 117
- remove the battery 13
- reply to a text message 104
- restrict calls 84
- ring options, setting 70
- ring volume 71
- ring volume, setting 71
- ringing tone, setting 71
- ringing tones
 - discarding 113
 - downloading 112
 - receiving 112
 - saving 112
- rings and tones 69
- roaming 97

S

- safety information 130
- SAR value
 - at body 135
 - at ear 135
- search for network 96
- security code
 - changing 83
 - default 83
- security code, changing 83
- selection keys 22
- send and receive
 - business cards 111
- send own number 62
- sending
 - e-mail 105
- serial number 8
- service features, network 96
- service provider
 - differences 8
 - signing up 8
- service provider, contacting 9
- services menu 120
- set the ring volume and tone 71
- set up
 - your headset 16
- settings, personalizing 75
- shortcut
 - messages 24
 - profile 25
- shortcuts 24
- shortcuts, list of 24
- size 142

- Software download 118
- spaces, entering 31
- special characters 32
- special features 111
- specific absorption rate 134
- specify a primary number 44
- speed dial 77
- standby and talk times 138
- standby times
 - analog 138
 - digital 138
- start screen
 - about 14
 - indicators 15
 - menu number 20
 - returning to 14
- strings, touch tone 65
- switch between calls 51
- switch on your phone 14
- symbols displayed on your phone 21
- symbols, inserting 37
- system selection 96

T

- talk times
 - analog 138
 - digital 138
- technical information 142
- templates, using 106
- terms 4
- text conventions 7
- text entry, saving 39

- text messages
 - about 98
 - as email 105
 - communicating with 98
 - erasing 103
 - forwarding 105
 - length 98
 - options 100
 - recipients 98
 - resending 100
 - writing and sending 99
- text messages, maximum characters 34
- text messages, replying 104
- touch tones
 - length 65
 - manual 65
 - sending 66
 - setting 64
 - storing 65
 - storing with numbers 65
- traffic safety 130
- transmit power 142
- troubleshooting 141
- turn on your phone 14

U

- underlined words 35
- updates to this guide 8
- use the headset 16

V

- vehicle use 132
- vibrating alert, setting 72
- voice dialing
 - change a voice tag 59
 - erase a voice tag 59
 - play back a voice tag 58
- voice mail greetings 68
- voice mail, setting up 67
- voice mail, using 67
- voice messages, listening to 68
- volume, adjusting 16

W

- warning and game tones, setting 73
- web address for updates 8, 123
- weight 142
- welcome note, adding 77
- wireless modem setup 118

NOTES

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.
