

**NOKIA
3590**



User Guide



NOKIA

Nokia 3590

User Guide

Phone notes

	Notes	Information source
My number		Wireless provider
Voicemail number		Wireless provider
Wireless provider's Customer Care		Wireless provider
Message Center number		Wireless provider
Model number	3590	Chapter 2 "Welcome"
Phone type	NPM-8	Chapter 2 "Welcome"
Electronic serial number (IMEI)		Chapter 2 "Welcome"
PIN code		Wireless provider Chapter 13 "Manage phone security"

The wireless phone described in this guide is approved for use in GSM networks.

LEGAL INFORMATION

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FCC/INDUSTRY CANADA NOTICE

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

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1 For your safety

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



SWITCH OFF WHERE PROHIBITED

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



ROAD SAFETY COMES FIRST

Don't use a hand-held phone while driving.



INTERFERENCE

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



SWITCH OFF IN HOSPITALS

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



SWITCH OFF IN AIRCRAFT

Wireless devices can cause interference in aircraft.



SWITCH OFF WHEN REFUELING

Don't use the phone at a refueling point. Don't use near fuel or chemicals.



SWITCH OFF NEAR BLASTING

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



USE SENSIBLY

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



QUALIFIED SERVICE

Only qualified personnel may install or repair phone equipment.



ACCESSORIES AND BATTERIES

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



WATER-RESISTANCE

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



CALLING

Ensure the phone is switched on and in service. Enter the phone number, including the area code, then press . To end a call, press . To answer a call, press .



EMERGENCY CALLS

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

2 Welcome

2

You'll find that your Nokia 3590 mobile phone has many useful features for everyday use, such as a calendar, text messaging and alarm clock. Review this chapter to find out more about:

- How to use this guide
 - Wireless network services
 - Accessibility solutions
 - How to contact Nokia
- **GET THE MOST OUT OF THIS GUIDE**
- The tips that follow can help you get the most from this guide as you learn to use your phone.

Notice text conventions

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

Convention	What it means
bold	The word or phrase appears on the phone's screen.
<i>italic</i>	Italics indicate emphasis. Pay close attention to any information in italics.

Follow graphic clues

This guide uses certain icons 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 online at:

<http://www.nokia.ca>

• UNDERSTAND WIRELESS NETWORK SERVICES

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

Network services for the Nokia 3590 phone include:

- Voice mail
- Call waiting, call forwarding, and caller ID
- Text and picture messages
- Info Message Service
- Notifications on SIM update
- Cell info display
- Service command editor
- Selected Internet access services
- GPRS services



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

• LEARN ABOUT ACCESSIBILITY SOLUTIONS

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

www.NokiaAccessibility.com

Alternate format user guides

This user guide may be available in alternate formats, including:

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

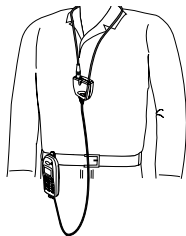
To request any format, call Nokia Customer Care at 1-905-427-1373 or 1-888-226-6542.

LPS-3 Mobile Inductive Loopset

The LPS-3 Mobile Loopset gives people with T-coil equipped hearing aids the ability to make and receive calls without noise interference.

Also compatible with the Nokia 3300, 3500, 8200, 8300 and 8800 series digital phones, the loopset gives hearing-impaired users clear access to digital telephony.

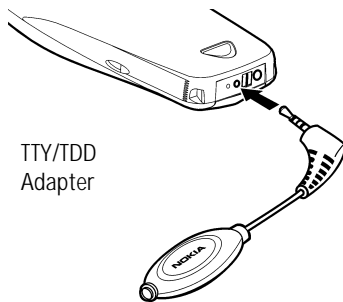
The loopset is easy to use. You wear the loopset around your neck, connect it to your phone, and speak directly toward the microphone. For more information see “Set up the loopset profile” on page 72.



Note: The loopset can be purchased separately as an accessory. For operating instructions, refer to the booklet that comes with the LPS-3.

TTY/TDD Adapter (HDA-9)

The TTY/TDD Adapter is a Nokia accessory that allows you to connect your mobile phone to a Telecommunications Device for the Deaf (TTY/TDD) to make a call in digital mode.



WHAT YOU'LL NEED

In addition to the Nokia 3590 phone, you'll need the following for TTY/TDD communication.

- A TTY/TDD device that is “cellular ready” or “cellular compatible”
- A cable for connecting the TTY/TDD to your phone, usually supplied by the manufacturer of the TTY/TDD device
- The TTY/TDD Adapter (HDA-9), which can be purchased separately as an accessory.

For information on choosing a profile so that the phone recognizes the TTY/TDD device, see “Set up the TTY/TDD profile” on page 72.

Accessible features

The Nokia 3590 phone has many accessible features, including:

- Large easy-to-read display
- Ability to send and receive short text messages
- Convenience of one-touch dialing
- Ability to define ring tones for different caller groups
- Voice dialing for handsfree operation
- Vibrating ringer
- Adjustable font size

• CONTACT NOKIA

If you ever need to call Nokia Customer Care or your service provider, you will need to provide specific information about your phone.

This information is provided on the phone's label. The label is on the back of the phone (under the battery). It shows the following:

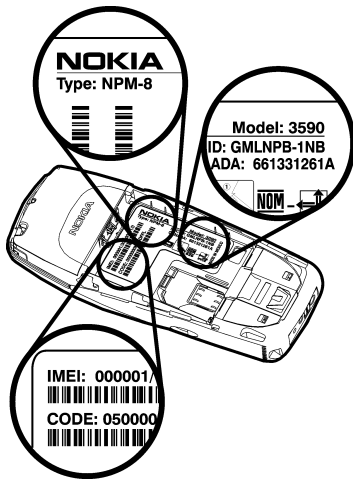
- Phone type
- Phone model
- IMEI



Important: Do not remove or deface the label.



Tip: See “Remove the battery” on page 12 for instructions on how to access the phone label.



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 available. If a Nokia representative asks a specific question about the accessory, you will have it available for quick reference.

Nokia Customer Care Centre, Canada

Nokia Products Ltd.
601 Westney Rd. South
Ajax, Ontario L1S 4N7
Tel: 1-905-427-1373
1-888-22-NOKIA
(1-888-226-6542)
Fax: 1-905-427-1070
Web site: www.nokia.ca

3 Before you begin

Before you begin, you need to prepare your phone by installing the SIM card, and charging the battery. This chapter covers these topics as well as instructions on how to attach the optional headset.

3



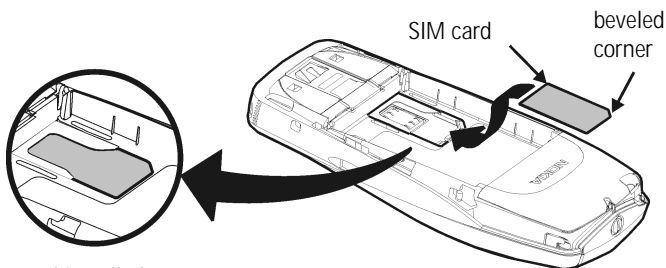
Note: Your service provider supplies the SIM card and headset.

• INSTALL THE SIM CARD



Important: Switch off the phone before installing the SIM card.

- 1 With the back of the phone body facing you, locate the SIM card slot.
- 2 Install the SIM card by sliding it gently into the slot:
beveled corner on the right,
gold contact area face down.



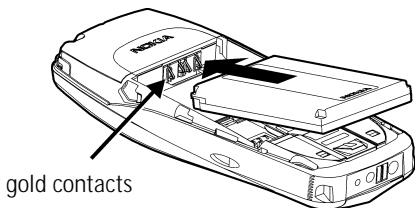
SIM card installed

Notes about SIM cards

- Keep all miniature SIM cards out of the reach of small children.
- The SIM card and its contacts are easily damaged by scratches or bending, so be careful when handling, inserting, or removing the card.

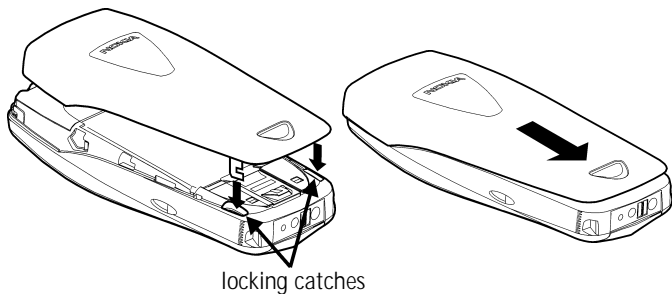
• INSTALL THE BATTERY

- 1 Place the battery in the compartment with the label side facing up and the golden contact area of the battery aligned with the contact prongs inside the phone.
- 2 Slide the battery until it snaps into place.



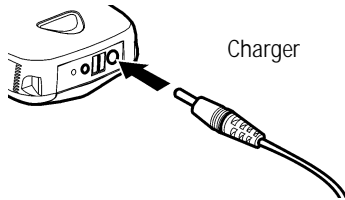
Replace the back cover

- 1 Direct the back cover towards the locking catches on the phone.
- 2 Slide the back cover until it locks into place.

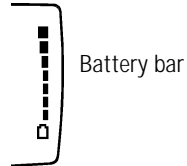


• CHARGE THE BATTERY

- 1 Connect the charger to a standard wall outlet.
- 2 Connect the lead from the charger to the bottom of the phone.



- 3 The battery power indicator (or battery bar) appears on the screen and starts scrolling. If the phone is on, **Charging** appears briefly on the screen.
- 4 When the battery bar stops scrolling, the battery charge is complete. **Battery full** appears also, if the phone is on.
- 5 Disconnect the charger from the phone.




• BATTERY NOTES

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


- Recharge your battery only with a charger approved by Nokia.
- With your phone turned off, charge your new battery for three hours before its first use. Use the battery until it is fully discharged. Repeat this procedure twice for a total of three charging cycles.
- Battery operation time may be less than the estimated times during the first charges. This condition is normal.
- When the battery is fully discharged, the scrolling bars may not appear immediately.
- After the first charge, you can make and receive calls during the charging cycle, but the calls interrupt the charge. When the phone call ends, the charge will resume.


- The bars on the screen stop scrolling and remain constant when the phone is charged. If you leave the phone connected to the charger, the battery receives an additional charge.
- If the battery is completely discharged, it may take several seconds before the battery bars begin to scroll and a few minutes before you can make or receive calls once the charger has been connected.
- The charging time depends on the charger and battery that you use.

 **Note:** The battery will accept a "trickle charge" for an additional two hours after the regular charge is complete and the battery bars have stopped scrolling. For more details, see "Battery information" on page 141.

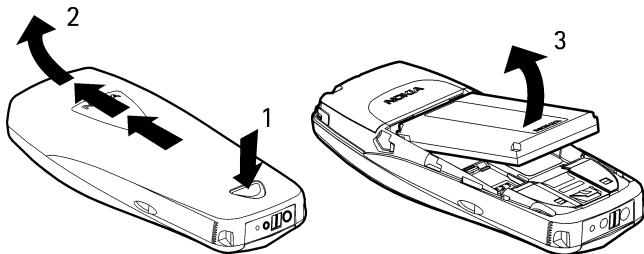
• REMOVE THE BATTERY

If you purchase a new battery or need to access information on the phone's label, you may need to remove the battery.

 **Important:** Switch off the phone before removing the battery.

 **Important:** Do not puncture or burn the battery. Please recycle or dispose of properly.

- 1 With the back of the phone facing you, press and hold the back cover release button.
- 2 Slide the cover up, then lift it off the phone.
- 3 Lift out the battery.

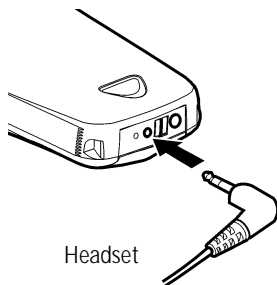


• SET UP YOUR HEADSET

Your phone may come with a headset you can use while talking on your phone. 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.



3

Use the headset



With the headset connected, you can make and answer calls as usual, using the keypad to press  and  or to enter numbers to call.

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.

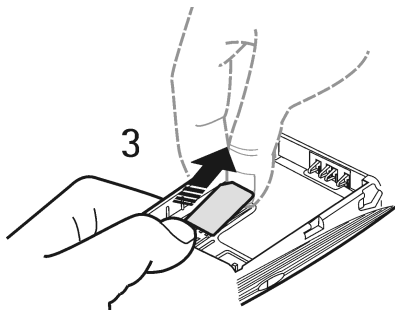
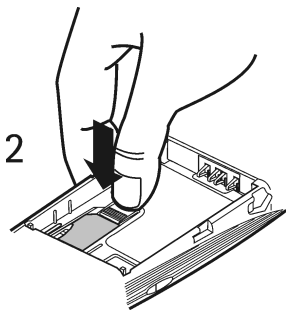
• REMOVE THE SIM CARD

If you ever need to take the SIM card out of the phone, follow these steps.



Warning: Keep all miniature SIM cards out of the reach of small children.

- 1 Remove the back cover and battery. See “Remove the battery” on page 12.
- 2 Press the plastic tab of the SIM card holder down.
- 3 Gently push the SIM card towards the top of the phone.



4 About your phone

• KEYS AND FEATURES

Front

1 Power key

If the battery is fully charged, press and hold the power key for about 2 seconds and watch the screen light up.

2 Earpiece

3 Display

4 Selection and scroll keys

Use these keys to move through menus and the phone book.

5 Talk key

Press to make and answer calls.

6 End key

Press to end calls or return to the **Start** screen.

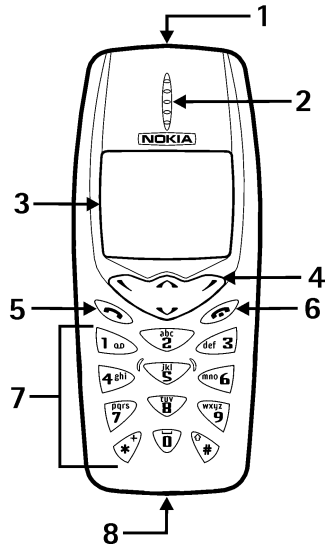
7 Number keys

Press to enter phone numbers (when you call) and letters (when you add names to the phone book or write text messages).

8 Microphone

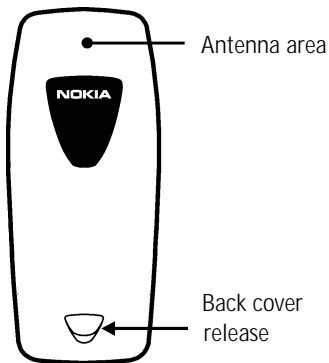


Note: When any key is pressed, the keypad and display lights stay on for up to 15 seconds.



Back

4



On the back of your phone, you'll find the back cover release button and an internal antenna.

• SWITCH ON YOUR PHONE

- Press and hold the power key for about 2 seconds.

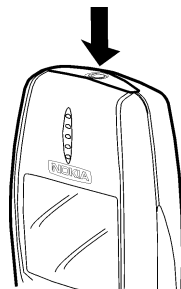
The phone may ask for a Personal Identification Number (PIN) or a security code. See "About security codes" on page 85 for more information.



Note: Your service provider supplies the PIN code.



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



• ABOUT THE ANTENNA

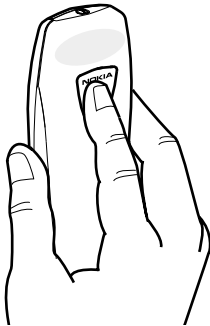


Tip: Your phone has a built-in antenna. As with any other radio transmitting device, do *not* touch the antenna unnecessarily when the phone is switched on.

Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.



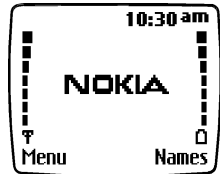
4



Not touching the antenna during a call optimizes the antenna performance and the talk-time of your phone. Normal position: Hold the phone as you would any other telephone, with the antenna area pointed up and over your shoulder.

• ABOUT THE START SCREEN

When you turn on your phone, the first screen that appears is the **Start** screen. In the middle of the **Start** screen, you may see information indicating which wireless network your phone uses. This information can vary between phones. Other indicators and icons appear on this **Start** screen and are described in the next section.



• ABOUT INDICATORS AND ICONS

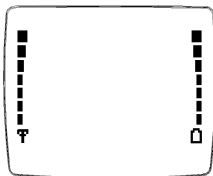
On your phone, you have two types of identifiers: indicators and icons.

Indicators

Indicators show the status of something. The phone uses three types of indicators:

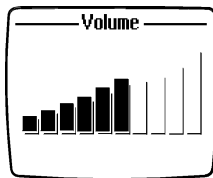
4

Signal
Strength
Indicator

















Battery
Strength
Indicator

- Signal strength indicator: Shows the strength of the signal to your phone.
- Battery strength indicator: Shows how much power is left in your phone's battery.
- Volume indicator: Shows the earpiece volume level. See "Adjust the earpiece volume during a call" on page 22 for details.



Icons

Icons are graphical representations of a specific item or situation. The following table shows examples and tells you what each icon means.

Icon	What it means
	Line 1 is selected for outgoing calls.
	Line 2 is selected for outgoing calls.
	You have an active call.
	You have a call on hold.
	You have one or more new voice mail messages.
	You have a new voice mail message on line 1.
	You have new voice mail messages on line 1 and line 2.
	You have a new voice mail message on line 2.
	You have one or more new text messages. If the icon blinks, text message memory is full.
	Keyguard is on. Your phone will not accept any key presses.
	The alarm clock is set.
	The Silent profile is selected.
	The Timed profile is selected.
	Incoming voice calls are being forwarded to another number.

Icon	What it means
	You have forwarded all voice calls received on line 1.
	You have forwarded all voice calls received on line 2.
	You have forwarded all voice calls received on lines 1 and 2.
	The phone is ready for you to enter a response.
	There is a voice tag attached to a name in your phone book.
	Indicates an e-mail address in your phone book.
	You have assigned the name and number to a caller group.
	The headset is attached to your phone.
	The car kit is attached to your phone.
	The loopset is attached to your phone.
	A Telecommunications Device for the Deaf (TTY/TDD) is attached to your phone.
	The phone book entry is stored on the SIM card.
	You are using predictive text input. Your phone uses a built-in dictionary to predict or guess the word entered.

5 Make and answer calls

This chapter tells you how to make and receive calls and how to adjust certain options.

• MAKE A CALL

5


Check the signal strength

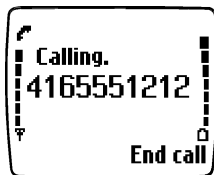
The signal indicator on the left side of your phone's screen shows the strength of the network radio signal. The indicator scrolls as the signal strength increases and decreases. To get the strongest signal, try moving your phone slightly. If you're inside a building, move toward a window.

Signal
Strength





Use the keypad

- 1 Enter the area code (if required in your local calling area) and phone number.
- 2 Press .



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

Use the phone book



- 1 From the **Start** screen, press  or  and scroll to the number you want.

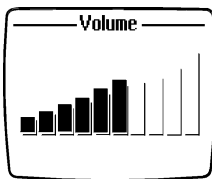


Tip: To skip ahead quickly in the list, press the number key that matches the first letter of the name.

- 2 Press  to make the call.

Adjust the earpiece volume during a call

- To increase the volume of a call, press  and watch the volume indicator go up.
- To decrease the volume, press  and watch the volume indicator go down.




If an accessory with its own loudspeaker is connected to your phone, the volume keys adjust the volume for that accessory.

• END A CALL

Press .

• ANSWER A CALL

When someone calls you, the phone alerts you and **Calling** flashes on the display.

To answer, press  OR

Press **Options**, scroll to **Answer call**, then press **Select**.

Caller ID



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

When Caller ID is active, your phone may display the caller's phone number. The caller's name may also appear, if their name and number are stored in the phone book (see "Use the phone book" on page 39).

• REJECT A CALL

Press  OR

Press **Options**, scroll to **Decline call**, then press **Select**.

- **SILENCE AN INCOMING CALL**



You can stop the ring for an incoming call by pressing **Silence**.

Then, answer or decline the call.

- **REDIAL THE LAST-DIALED NUMBER**

Press  twice.

Dial any of the ten last-dialed numbers

- 1 Press .
- 2 Scroll to the number you want to redial.
- 3 Press  again.

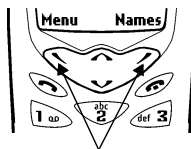
6 The menu

Your phone offers many functions that are grouped in menus and submenus. Access these menus with the selection keys and scroll keys, or by entering the appropriate shortcut number.

• SELECTION KEYS

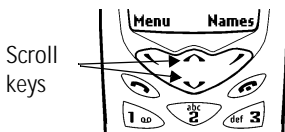
Below the screen, you will find two selection keys. Their functions depend on the text above the keys.

For example, in this screen, the word **Menu** appears above the left selection key. Press the key to enter the menu. To access phone book functions, press the right selection key under **Names**.



Selection keys

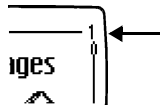
• SCROLL KEYS





Use the scroll keys, located just below the screen, to scroll through your phone's menus and phone book.

• SCROLL BAR

While you use your phone's menus, a scroll bar appears at the far right of the screen. This bar indicates where you are in the menu. Each numbered "tab" on the bar represents a different menu item.



For example, press **Menu** once. The scroll bar appears with the first (top) tab displayed. A different tab appears each time you press  or .

• ABOUT MENU SHORTCUTS

You can use a series of numbers, or shortcuts, to access frequently used features. For example, if you use your phone's alarm clock each morning, you may want to learn the menu shortcut for quick access.

To use a shortcut, press **Menu**, then the numbers that correspond to the feature.



Tip: Be sure to press the numbers quickly in sequence.

For example, to set your Alarm clock, press **Menu 4 2 1** (**Settings > Time settings > Alarm clock**). For complete instructions on using this feature, see "Use the alarm clock" on page 124.

6

• LIST OF MENU SHORTCUTS

Here is an abbreviated list of menu items and their menu shortcuts. Later chapters tell you how to work with the menus and explain their functions.



Note: Some items may not appear due to the SIM card configuration and network service availability.

For quick access to the Messages menu, press **Menu**, then 0, then the menu number(s).

For example, to access your Inbox, press **Menu 01-4**.

1 Messages



- 1 Write message
- 2 Write e-mail
- 3 Chat
- 4 Inbox
- 5 Multimedia inbox
- 6 Outbox
- 7 Archive
- 8 Templates
- 9 Pictures

- 10 My folders
- 11 Erase messages
- 12 Info messages
- 13 Service command editor
- 14 Message settings
- 15 Voice messages
 - 1 Listen to voice messages
 - 2 Voice mailbox number

6

2 Call log



- 1 Missed calls
- 2 Received calls
- 3 Dialed numbers
- 4 Clear call lists
 - 1 All
 - 2 Missed
 - 3 Received
 - 4 Dialed
- 5 Call timers
 - 1 Duration of last call
 - 2 Duration of dialed calls
 - 3 Duration of received calls
 - 4 Duration of all calls
 - 5 Life timer
 - 6 Clear timers
- 6 Call costs *(Depends on network availability)*
 - 1 Last call units
 - 2 All calls units
 - 3 Call cost settings
- 7 GPRS data counter
 - 1 Data sent in last session
 - 2 Data received in last session
 - 3 All sent data
 - 4 All received data
 - 5 Clear counters

- 8 GPRS connection timer
 - 1 Duration of last session
 - 2 Duration of all sessions
 - 3 Clear timers

3 Profiles



- 1 Normal
 - 1 Select
 - 2 Customize
 - 1 Ringing options
 - 2 Ringing tone
 - 3 Ringing volume
 - 4 Vibrating alert
 - 5 Message alert tone
 - 6 Keypad tones
 - 7 Warning tones
 - 8 Screen saver
 - 9 Alert for
 - 10 Profile name *(Only appears under Silent, Meeting and Outdoor)*
 - 11 Tone services *(Appears one level higher for Normal)*
 - 3 Timed
- 2 Silent
- 3 Meeting
- 4 Outdoor
- 5 My profile 1
- 6 My profile 2

6

4 Settings



- 1 Tone settings
 - 1 Ringing options
 - 2 Ringing tone
 - 3 Ringing volume
 - 4 Vibrating alert
 - 5 Message alert tone

- 6 Keypad tones
- 7 Warning tones
- 8 Alert for
- 9 Start-up tone
- 2 Time and date settings
 - 1 Alarm clock
 - 2 Clock settings
 - 3 Date settings
 - 4 Auto update of date and time
- 3 Call settings
 - 1 Automatic redial
 - 2 1-touch dialing
 - 3 Summary after call
 - 4 Anykey answer
- 4 Phone settings
 - 1 Language
 - 2 Automatic keyguard
 - 3 Cell info display
 - 4 Welcome note
 - 5 Help text activation
- 5 Network services
 - 1 Call forwarding
 - 2 Call waiting
 - 3 Send own caller ID when calling
 - 4 Line for outgoing calls
 - 5 System selection
- 6 Accessory settings
 - 1 Headset
 - 2 Handsfree (*Only shows up when phone is connected to Car Kit*)
 - 3 Loopset
 - 4 TTY/TDD

- 7 Security settings
 - 1 PIN code request
 - 2 Call restrictions
 - 3 Fixed dialing
 - 4 Closed user group
 - 5 Security level
 - 6 Change access codes
 - 8 Restore factory settings
-

5 Calendar



6

6 Calculator



7 Applications



- 1 Select app.
 - 2 Open browser
 - 3 Memory
-

8 Games



- 1 Select game
 - 1 Space Impact II
 - 2 Bumper
 - 3 Sugar Bowl
- 2 Settings
 - 1 Game sounds
 - 2 Game lights
 - 3 Shakes
 - 4 Club Nokia ID (depends on network availability)
 - 5 Game controls

9 Services



The following menu items may vary; contact your service provider.

- 1 Home
- 2 Bookmarks
- 3 Service inbox
- 4 Settings
 - 1 Active service settings
 - 2 Edit active service settings
 - Settings name
 - Homepage
 - Session mode
 - Connection security
 - Data bearer
 - GSM data or GPRS
 - Dial up number GPRS connection
 - IP address GPRS access point
 - Authentication type IP address
 - Data call type Authentication type
 - Data call speed Login type
 - Login type User name
 - User name Password
 - Password
 - 3 Appearance settings
 - 4 Cookie settings
 - 5 Certificates
 - 6 Service inbox settings
- 5 Go to address
- 6 Clear the cache

10 SIM services



For availability, rates and information on using SIM services, contact your SIM card vendor, e.g. network operator, service provider, or other vendor.

• PHONE BOOK MENU

1 For access to the phone book, press  to return to the **Start** screen.

2 Press **Names**.

These options may be available, depending on your SIM card:

1 **Find**

2 **Add entry**

3 **Edit name**

4 **Erase**

5 **Copy**

6 **Add number**

7 **Settings**

1 **Memory in use**

2 **Phone book view**

3 **Memory status**

8 **1-touch dialing**

9 **Voice tags**

10 **Caller groups**

1 **Family**

2 **VIP**

3 **Friends**

4 **Business**

5 **Other**



11 **Info numbers** (only shows up if you have Info message service included on SIM card)

12 **Service nos.**

13 **Own numbers**

7 Enter letters and numbers

You can enter letters and numbers into your phone for a person's name and phone number, writing a text message, and so on. There are two ways to do this:

-  ABC mode, for making entries in the phone book and renaming caller groups.
-  Predictive text input, for writing text messages, adding notes to a picture message, entering calendar notes, and entering a web address using WAP services.

7

• ABC MODE

You can use the ABC mode to enter information into the phone book. From the **Start** screen, press **Names**, then scroll to **Add entry** and press **Select**.




The **abc** icon appears in the left corner as visual confirmation.

Add letters

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



For example, to enter the name Diane:

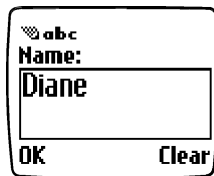
Press  D

Press    I

Press  A

Press   N

Press   E





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

Key	Characters	Key	Characters
1	. ! ? ! " ' 1 - () @ / : _	7	PQRS7
2	ABC2	8	TUV8
3	DEF3	9	WXYZ9
4	GHI4	0	space, 0
5	JKL5	*	(See page 34 for details.)
6	MNO6	#	Changes letter case



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

Enter spaces and punctuation


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

Erase mistakes

If you make a mistake:

- Press **Clear** to erase each character.
- Press and hold **Clear** to erase the entire field of characters.


Change letter case

To switch between uppercase and lowercase letters, press .


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

Enter numbers

To enter numbers, you can:

- Press and hold  to switch to **123** mode. Press the appropriate number key to enter a number. OR
- While in **ABC** mode, press and hold the corresponding number key until the number appears.


If you make a mistake:

- Press **Clear** to erase the number.
- To switch back to the **ABC** mode, press and hold  again.

7

Use special characters

IN ABC MODE

- 1 Press . A screen appears with the following special characters available:




.,'?!" - () @ / : _ ; + & % * = < > £ € \$ ¥ ¢ [] { } \ ~ ^ ` ¡ ¢ § # | _ ¶









- 2 Use scroll keys to select the character you want, then press **Insert**.

IN 123 MODE

You can access the following special characters only in **123** mode. There are two places you can use these characters:

- At the **Start** screen, when you dial a phone number
- At the number prompt, when you add a new entry to the phone book

Press  to enter *
* Use this character to send command strings to the network. Contact your service provider for details.
Press   to enter +
+ Use this character as a prefix for dialing international numbers.

Press    to enter p
p Use this character to create a pause that occurs when dialing a number. Numbers entered to the right of this special character are automatically sent as touch tones after a 2.5-second pause.
Press     to enter w
w This character creates a wait; digits to the right of the w are not sent until you press  .

• PREDICTIVE TEXT INPUT 7

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



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




Note: Predictive text input is not available for adding names to the phone book.


Select a language and turn on predictive text

- 1 Press **Menu**, then press **Select**.
- 2 With **Write message** highlighted, press **Select**.
- 3 Press **Options**, scroll up to **Predictive text**, then press **Select**.
- 4 Scroll to the language you want, then press **Select**.
T9 prediction on appears.

Turn off predictive text

- To switch from predictive text input to ABC mode, repeat steps 1 through 3 above, then select **Prediction off**. OR
- While writing the message, quickly press  twice to switch between predictive text input and ABC mode.








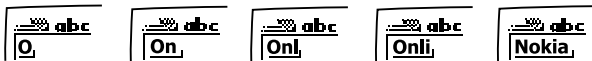
Tip: Your key presses must be quick! Press  two times in about 1.5 seconds.

Write words using predictive text

- Press the number key that corresponds to the letter you want to enter.



For example, to write “Nokia” with the English dictionary selected, press the following keys:

 (for N)  (for o)  (for k)  (for i)  (for a)




The display shows the above words for each key pressed.

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

- If the displayed word is correct, press  to accept the word and add a space.
- If the displayed word is not correct, press  to see the other possible matches.
- If the word you are trying to write is not in the dictionary, a question mark appears.
- To check the number of available characters, refer to the counter in the upper right corner of the screen.

Add a new word to the dictionary

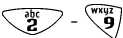











If the word you are trying to enter does not show up as a possible match, you can add the word to the dictionary.

- 1 Press  repeatedly until **Spell** appears in place of **Options**.
- 2 Press **Spell**, then enter the word(s) using ABC mode.
- 3 Press **Save** to add the word to the dictionary.


Use predictive text shortcuts

Press **Menu 01 1 (Messages > Write message)** to write messages using the following shortcuts.

7

	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.
Spell	Press to add a new word to the dictionary.
	Press once to accept a word and add a space.
	Press and hold to enter a number.
	Press to change the character case. ABC indicates uppercase. abc indicates lowercase. Abc indicates sentence case. (Default is sentence case in phone book.)
	Press twice to select predictive input or ABC mode.  ABC and  abc indicate ABC mode.  Abc and  abc indicate predictive text input.
Clear	Press to delete the character to the left of the cursor.
	Press once to add a punctuation mark. To change the underlined symbol, press  repeatedly until the desired symbol appears.

Insert symbols



- 1 Press and hold  until the symbol screen appears.

OR



Press **Options**, scroll to **Insert symbol** then press **Select**.

- 2 Scroll to the desired symbol and press **Insert**.

Insert numbers

- 1 To add a number to the message, press and hold .
- 2 Key in the desired numbers, then press and hold  to return to ABC mode.

Write compound words

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

8 Use the phone book

You can keep track of names and numbers in your phone book.

- Names are saved in the phone book memory and/or SIM memory.
- For each name in the phone memory, you can add up to 5 phone numbers, including:



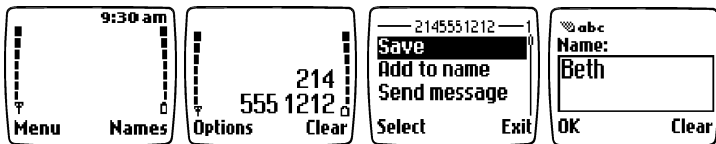
- For each name in the phone memory, you can also store an e-mail address, a web address and a street address.
- For more details about the phone's memory and the SIM memory, see "Your phone's memory" on page 43.

8

• SAVE NAMES, NUMBERS AND E-MAIL ADDRESSES

Quick Save

Here's a quick and easy way to save a name and number into the phone book.



1

Make sure your phone is at the **Start** screen.

2

Enter the number you want to save, then press **Options**.

3

Scroll to **Save**, then press **Select**.

4

Enter the name and press **OK**.

Save a number only

- 1 Enter the phone number.
- 2 Press and hold **Options**.

Save a name and number while in a call



- 1 Press **Options**.
- 2 Scroll to **Phone book**, then press **Select**.
- 3 Scroll to **Add entry**, then press **Select**.
- 4 Enter the name, then press **OK**.
- 5 Enter the phone number, then press **OK**.

Save an E-mail address



You can save an e-mail address for a name in your phone book.





Tip: All phone book entries that contain e-mail addresses must be stored in the phone memory. See "Phone memory and SIM memory" on page 43.

- 1 At the **Start** screen, press  or  to scroll through the list until you find the name you want.
- 2 Press **Details**, then press **Options**.
- 3 Scroll to **Add detail**, then press **Select**.
If the name has been saved to the SIM card, the phone prompts you to move it to the phone memory. Press **Yes**.
- 4 Scroll to **E-mail** and press **Select**.
- 5 Enter the e-mail address, then press **OK**.





Tip: To switch between letters and numbers, press and hold the  key. To enter @ in the e-mail address, press the  key, scroll to @, then press **Insert**.

- **EDIT NAMES**



- 1 At the **Start** screen, press  or  to scroll through the list until you find the name you want to change.
- 2 Press **Details**, then press **Options**.
- 3 Scroll to **Edit name**, then press **Select**.
- 4 Edit the name, then press **OK**.

- **EDIT NUMBERS**

- 1 At the **Start** screen, press  or  to scroll through the list until you find the entry you want to change.
- 2 Press **Details**, then press **Options**.
- 3 Scroll to **Edit number**, then press **Select**.
- 4 Edit the number, then press **OK**.

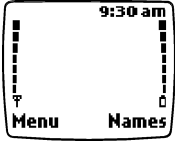
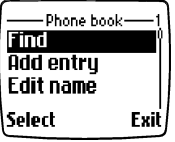
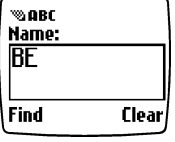

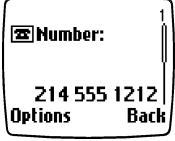

- **ADD TEXT ENTRIES**

You can add a Web address, Street address or Note for each name.

- 1 At the **Start** screen, press  or  to scroll through the list until you find the name.
- 2 Press **Details**, then press **Options**.
- 3 Scroll to **Add detail**, then press **Select**.
If the name has been saved to the SIM card, the phone prompts you to move it to the phone memory. Press **Yes**.
- 4 Scroll to **Web address**, **Street address** or **Note**, then press **Select**.
- 5 Enter your information, then press **OK**.

- FIND NAMES IN THE PHONE BOOK


8

	<p>1 At the Start screen, press Names.</p>
	<p>2 With Find highlighted, press Select.</p>
	<p>3 Enter the first two letters of the name and press Find.</p>
	<p>The first matching name appears on the screen.</p> <p>4 Press Details to show the phone number.</p>
	<p>5 To call the number, press .</p>

Use scroll keys to find a name

At the **Start** screen, press  or  to scroll through the list until you find the name.

• YOUR PHONE'S MEMORY

You can save names and numbers in the phone's internal memory, in the SIM card memory or in a combination of the two. The SIM icon  appears when the phone book entry is saved in SIM memory.



Note: The phone's memory is dynamic. The shorter the names and numbers are, the more entries you can store in the phone book. The phone's memory can hold a maximum range of 125 to 500 names, depending on the number of characters used for each name, number or text entry.

Phone memory and SIM memory

The following table summarizes the differences between the three types of memory you can choose.

Phone feature	Phone memory	SIM memory	Phone and SIM memory
Names capacity	Up to 500 (depending on length of entries)	Up to 250 names (Depends on your SIM card; check with your service provider)	Up to 750 names (both SIM and phone entries are displayed)
Phone numbers	Up to 5 numbers per name	1 number (Depends on your SIM card; check with your service provider)	Up to 5 numbers per name (stored in phone memory)

Phone feature	Phone memory	SIM memory	Phone and SIM memory
E-mail, Web address, Street Address and Note	Up to 3 text entries per name	Not available	Up to 3 text entries per name (stored in phone memory)
Can use caller groups	Yes	Yes	Yes
Can transfer names/numbers to another phone?	No	Yes, contact your service provider for details.	Only numbers stored to SIM can be transferred
Can use voice tags?	Yes	Yes	Yes

Switch between memory types

The default memory type is **Phone and SIM**.

- 1 At the **Start** screen, press **Names**.
- 2 Scroll to **Settings**, then press **Select**.
- 3 Scroll to **Memory in use**, then press **Select**.
- 4 Scroll to **Phone and SIM**, **Phone**, or **SIM card** then press **Select**.

If you choose to keep **Phone and SIM** as the memory type:

- names and numbers can be recalled from both the phone and SIM card,
- phone book entries are displayed in a combined list, and
- new entries are saved to the phone memory.

Check memory status

You can see how much storage space is left in the phone memory or SIM card memory.

- 1 From the **Start** screen, press **Names**.
- 2 Scroll to **Settings**, then press **Select**.
- 3 Scroll to **Memory status**, then press **Select**.
- 4 Scroll to **Phone** or **SIM card**, then press **Select**.

If your phone book is full

If your phone book is full, you can save the phone number to another memory or replace an existing entry.



8

• ERASE NAMES AND NUMBERS



Caution: You cannot undo Erase functions, so be careful!

Erase a stored number

- 1 At the **Start** screen, press  or  to scroll through the list until you find the entry you want to delete.
- 2 Press **Details**, then **Options**.
- 3 Scroll to **Erase number**, then press **Select**, then **OK**.

TO ADD A DIFFERENT PHONE NUMBER TO THE NAME

- 1 Press **Options**, then scroll to **Add number**.
- 2 Press **Select**. Choose a number type (if you are saving to the phone memory), then press **Select**.
- 3 Enter the new number, then press **OK**.

TO ERASE THE NAME

- 1 Press **Options**, then scroll to **Erase**.
- 2 Press **Select**. Press **OK** to confirm.

Erase your entire phone book



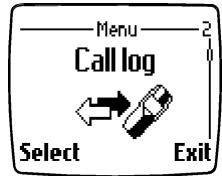
Caution: This feature erases your entire phone book and cannot be undone!

- 1 Press **Names**.
- 2 Scroll to **Erase** and press **Select**.
- 3 Scroll to **Erase all** and press **Select**.
- 4 Scroll to the memory (Phone or SIM card) you want to erase, then press **Erase**.
- 5 Press **OK** to confirm. Enter your security code and press **OK**. See "Security code" on page 87 for the default code.

9 Check call history

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

- Missed calls
- Received calls
- Dialed calls
- The amount of data sent and received over GPRS.
- The amount of time spent online for data transfers over GPRS.




• CHECK MISSED, RECEIVED OR DIALED CALLS

Your phone saves the last 10 numbers you've missed, received or dialed.



Note: The call log saves the phone numbers of missed or received calls only if the caller's number is available and has not been blocked.

- 1 Press **Menu 2 (Call log)**, then scroll to **Missed calls**, **Received calls** or **Dialed numbers**.
- 2 Press **Select**, then scroll to the number you want to see.
- 3 To dial the number, press .
- 4 Press **Options** to find more information or to add a number to your phone book.
- 5 Use the scroll keys to display each of the options listed in the following table. Once you find the option you want, press **Select**.

• CHOOSE OPTIONS IN CALL LISTS

When you view the missed calls, received calls, or dialed calls list and press **Options**, the following choices may appear.



Note: Not all options will appear each time. Also, the order of options may vary.

Choice	What it does
Call time	Shows the date and time of the last call. Use the scroll keys to view up to five recent call dates/time for the displayed phone number.
Send message	Allows you to write a short text message to the person who called you.
View number	Displays the phone number if the caller's name is stored in the phone book.
Edit number	Allows you to edit the displayed number and save it with a name to your phone book.
Save	Allows you to enter a name for the number and save both to your phone book.
Add to name	Allows you to save the number to an existing name in the phone book.
Erase	Allows you to delete the number from the call list.
Call	Dials the number from the call log.
View details	Allows you to view multiple phone numbers if the caller's name and numbers are stored in the phone book.

• CLEAR CALL LISTS

This feature clears all the missed, received, and dialed call lists.



Caution: You cannot undo this operation.

- 1 Press **Menu 2 4** (**Call log > Clear call lists**).
- 2 Scroll to **All, Missed, Received, or Dialed** then press **Select**.



Caution: Missed, received, and dialed calls lists are also erased when you change the phone security setting, or if you use a SIM card that is not one of the five most recent cards used with the phone.

• USE CALL TIMERS

If you have two phone lines

If you subscribe to a second phone line (see “Work with two phone lines” on page 64), call timers are separate for each phone line. When you view call timers, the call timers that are shown are for the currently selected outgoing line. However, if you view call timers while you are in a call, the call timers that are shown are for the line you are using at that moment.

9

View the call duration

- 1 Press **Menu 2 5** (**Call log > Call timers**).
- 2 Scroll to **Duration of last call, Duration of dialed calls, Duration of received calls, or Duration of all calls**.

View the Life timer

Your phone keeps track of the total call time (all calls made and received). The life timer is displayed in hours (H) and minutes (M) : HHHH:MM.

- 1 Press **Menu 2 5 5** (**Call log > Call timers > Life timer**).
- 2 Press **Back** after viewing the Life timer.

Reset call timers to 0



Note: The life timer cannot be reset.

- 1 Press **Menu 2 5** (**Call log** > **Call timers**).
- 2 Scroll to **Clear timers**, then press **Select**.
- 3 Enter your security code, then press **OK**.

Show call timer during a call

- 1 While in a call, press **Options**.
- 2 Scroll to **Menu**, then press **Select**.
- 3 Scroll to **Call log**, then press **Select**.
- 4 Scroll to **Call timers**, then press **Select**.

The time for the active call is shown on the display.



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

Show call timer after call

Your phone can display the time spent on a call after you end the call. This feature is called **Summary after call**.

TURN ON SUMMARY AFTER CALL

- 1 Press **Menu 4 3 3** (**Settings** > **Call settings** > **Summary after call**).
- 2 Scroll to **On**, then press **Select**.
- 3 After you end a call, the total time for that call appears on the display.

TURN OFF SUMMARY AFTER CALL

- 1 Press **Menu 4 3 3** (**Settings** > **Call settings** > **Summary after call**).
- 2 Scroll to **Off**, then press **Select**.

• MANAGE CALL COSTS

This network service allows you to check call costs. You can view the last call cost, or the total cost of all calls made or received since the counters were reset. Contact your service provider for availability and instructions.



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

• CHECK DATA CALLS

In addition to keeping track of voice calls, your phone's call log records information about data calls. You can check the amount of data transferred over the network via GPRS. You can also keep track of how much time you spend online.



Note: Text messages sent over GPRS are not counted and therefore not included in the data counter or connection timer. For details on pricing and availability, contact your service provider.



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

Check the data counter

All data counters are displayed in bytes (B).

- 1 Press **Menu 2 7 (Call log > GPRS data counter)**.
- 2 Scroll to the information you are interested in viewing. Your options include the following:
 - Data sent in last session
 - Data received in last session
 - All sent data
 - All received data

Clear the data counter

- 1 Press **Menu 2 7** (**Call log > GPRS data counter**).
- 2 Scroll to **Clear counters**, then press **Select**.
- 3 Enter your security code, then press **OK**.

Check the connection timer

The time is displayed in hh:mm:ss format.



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

- 1 Press **Menu 2 8** (**Call log > GPRS connection timer**).
- 2 Scroll to the information you are interested in viewing.

Your options include the following:

- Duration of last session
- Duration of all sessions

Clear the connection timer

- 1 Press **Menu 2 8** (**Call log > GPRS connection timer**).
- 2 Scroll to **Clear timers** and press **Select**.
- 3 Enter your security code, then press **OK**.

10 Advanced calling features

This chapter covers advanced calling features, including:

- In-call options and swapping between calls
- Call settings that you control such as anykey answer
- Network services such as call forwarding

Not all features that are described are available in all wireless networks. Contact your service provider for availability of network services.

• USE IN-CALL OPTIONS

During a call, press **Options** to see the In-call menu.



Note: Not all options will appear each time. Also, the order of options may vary.

Choice	What it does
End call	Ends current call.
New call	Allows you to place a new call.
Touch tones	Sends touch tones. Touch tones are the sounds generated when you press a key; touch tones can be used for automated, over-the-phone services such as checking airline arrival/departure times.
Phone book	Switches you to the phone book so that you can look up a name, number or address.
Menu	Allows you to access your phone's menu.
Mute	Disables the microphone so that the other party cannot hear you speak. Mute also affects the microphone of any external accessories connected to your phone.
Hold	Holds or releases a call.

Make a new call

1 Enter the second phone number, or recall it from the phone book.

2 Press .

OR

1 Press **Options**.

2 Scroll to **New call**, then press **Select**.



3 Enter the second phone number, or recall it from the phone book.

4 Press **Call**.

With either method, the first call is automatically put on hold.

SWITCH BETWEEN TWO CALLS IN PROGRESS

Press  or **Swap**.


The  icon represents the active call and the  icon represents the call on hold.

END THE ACTIVE CALL

Press .

The held call becomes the active call.

• MAKE AN INTERNATIONAL CALL

1 Press  twice to enter the international dialing prefix (+).

2 Enter the country code, area code, and phone number, and press .

• USE AUTOMATIC REDIAL

Activate automatic redial

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

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

If the number you dial is busy, your phone immediately redials the number. If it is still busy, your phone will redial the number up to nine more times.



Note: Automatic redial will not work while you make or answer another call.

• USE 1-TOUCH DIALING

Assign a name and number to a 1-touch dialing location so that when you press this key, the phone automatically dials the associated number.

Key 1 is used to access your voice mail. See "Listen to your voice messages" on page 64 for details on voice mail.

Assign a number to a 1-touch dialing key

- 1 Press **Names** and scroll to **1-touch dialing**, then press **Select**.
- 2 Scroll to a dialing location, then press **Assign**.
- 3 Enter a phone number, press **OK**. Enter a name, press **OK**.


OR

Press **Find**. Scroll to the phone book entry you want, then press **Select** twice.

Activate 1-touch dialing

- 1 Press **Menu 4 3 2** (**Settings > Call settings > 1-touch dialing**).
- 2 Scroll to **On**, then press **Select**.

Call a 1-touch dial number

From the **Start** screen, press and hold the appropriate key, or press the key then press .

The phone dials the number.

Change 1-touch dialing numbers

- 1 Press **Names**.
- 2 Scroll to **1-touch dialing** and press **Select**.
- 3 Scroll to the key that you want to change, and press **Options**.
- 4 Scroll to **Change** and press **Select**.
- 5 Enter a phone number, then press **OK**.
- 6 Enter a name, then press **OK**.


Erase 1-touch dialing numbers

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

• USE ANYKEY ANSWER

This feature allows you to press any key to answer an incoming call.



Note: Anykey answer does NOT work with the Power button, , or left and right selection keys.

10

Turn on Anykey answer

- 1 Press **Menu 4 3 4** (**Settings** > **Call settings** > **Anykey answer**).
- 2 Scroll to **On** and press **Select**.

Turn off Anykey answer

- 1 Press **Menu 4 3 4** (**Settings** > **Call settings** > **Anykey answer**).
- 2 Scroll to **Off** and press **OK**.

• USE NETWORK SERVICES

Network services include call forwarding, call waiting, caller ID, multiple lines for outgoing calls, and system selection.

- For availability, pricing and subscription to network services, contact your service provider.

Choose an outgoing line



Tip: Your service provider must have this feature activated before you can select line 2.

- 1 Press **Menu 4 5 4** (**Settings > Network services > Line for outgoing calls**).
- 2 Scroll to **Line 1** or **Line 2**, then press **Select**.

Send your own number in caller ID

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

In most service areas, when you call others, your name is presented to their caller ID (if they subscribe to this service). With **Send own caller ID when calling**, you can block or send the display of your number when you make a call.



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

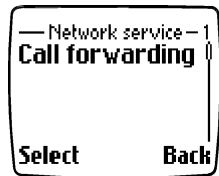
- 1 Press **Menu 4 5 3** (**Settings > Network services > Send own caller ID when calling**).
- 2 Scroll to one of the following options, then press **Select**:
 - **Default:** your phone number is sent according to the network.
 - **Yes:** your phone number is sent to the other person's caller ID.
 - **No:** your phone number is not sent to the other person's caller ID.

Forward your calls

This network service lets you forward your incoming calls to another phone number. Contact your service provider to sign up for call forwarding.



Note: Call forwarding options may vary, depending on the SIM card configuration. Contact your service provider for details.





Note: If you subscribe to a second phone line, call forwarding works separately for each line. Make sure you have selected the line you want before you set up any call forwarding.

ACTIVATE CALL FORWARDING





- 1 Press **Menu 4 5 1** (**Settings > Network services > Call forwarding**).
- 2 Scroll to one of the call forwarding options, then press **Select**:



Tip: If you want to forward your calls to another number when your phone is turned off, select **Forward when not able to take calls**.

- Forward all voice calls
 - Forward if busy
 - Forward if not answered
 - Forward if out of reach
 - Forward when not able to take calls
 - Forward all fax calls
 - Forward all data calls
 - Cancel all call forwarding
- 3 Scroll to **Activate**, then press **Select**.
 - 4 Scroll to one of the following,
To voice mailb. or **To other no.**
 - 5 If you choose **To other no.**, enter the phone number, then press **OK**.

The following icons appear on your phone's screen:

-  Incoming voice calls are being forwarded to another number.
-  You have forwarded all voice calls that are received on line 1.
-  You have forwarded all voice calls that are received on line 2.
-  You have forwarded all voice calls that are received on lines 1 and 2.

CANCEL CALL FORWARDING

- 1 Press **Menu 4 5 1** (**Settings > Network services > Call forwarding**).
- 2 Scroll to the call forwarding option you want , then press **Select**.
- 3 Scroll to **Cancel**, then press **Select**.



Note: Canceling all call forwarding may also cancel any automatic forwarding of calls to voice mail that your service provider has activated for you. Also, this option may cancel your call forwarding service. Contact your service provider for details.

CHECK CALL FORWARDING STATUS

- 1 Press **Menu 4 5 1** (**Settings > Network services > Call forwarding**).
- 2 Scroll to the call forwarding option you want to check, press **Select**.
- 3 Scroll to **Check status**, then press **Select**.



Note: Status is not available for **Forward when not able to take calls**.

10

To see the phone number where the calls are being forwarded, press **Number**.

Select a system

You can select how your phone chooses a wireless network, as there may be more than one available. The selection you make stays active until you change it or change the SIM card.

- 1 Press **Menu 4 5 5** (**Settings > Network services > System selection**).
- 2 Scroll to **Automatic** or **Manual**, then press **Select**.
 - **Automatic** - The phone automatically selects one of the available systems.
 - **Manual** - The phone searches for available systems and then lists them. Scroll to the one you want, then press **Select**. The phone looks for a network and displays the result. If you lose connection while in **Manual** mode, the phone asks you to select a network again.

Use call waiting

This network service lets you receive an incoming call when you're already in a call. The phone beeps to let you know of the incoming call. Contact your service provider to sign up for call waiting.


ACTIVATE/CANCEL CALL WAITING

- 1 Press **Menu 4 5 2** (**Settings > Network services > Call waiting**).
- 2 Scroll to **Activate** or **Cancel**, then press **Select**.

CONFIRM CALL WAITING STATUS

- 1 Press **Menu 4 5 2** (**Settings > Network services > Call waiting**).
- 2 Scroll to **Check status** and press **Select**.

ANSWER A WAITING CALL

- 1 Your phone signals when you have a call waiting.
- 2 Press  to put the current call on hold and answer the waiting call, OR Press **Answer**.



REJECT A WAITING CALL

You can just let the phone ring, or follow the steps below.

- 1 Press **Options** and scroll to **Decline call**.
- 2 Press **Select**.

SWITCH BETWEEN CALLS

Press  or **Swap**.

The  icon represents the active call and the  icon represents the call on hold.

END THE ACTIVE CALL

- Press .


The held call becomes active.

OR

- Press **Options** scroll to **End call**, then press **Select**.


THIRD CALL WAITING

If you have both an active and a held call and a third call is waiting, you can answer the third call and end the other calls.

- 1 Press **Options**.
- 2 Scroll to **End all calls**, then press **Select**.
- 3 Press  to answer the third call.

Make a conference call

This network service, if available from your service provider, allows you to make conference calls with your phone. Check with your service provider for availability and details for use.

- 1 Place a call to the first person.
- 2 Press **Options** and scroll to **New call**.
- 3 Press **Select**, enter the number of the next party you want to include, then press **Call**.
- 4 After the other party answers, press **Options**.
- 5 Scroll to **Conference**, then press **Select**.
- 6 To add other parties to the call, repeat steps 2 through 5.
- 7 To end the conference call, press .

10

HAVE A PRIVATE CONVERSATION WITH A PARTICIPANT

- 1 While in a conference call, press **Options**.
- 2 Scroll to **Private call**, then press **Select**.
A list of the participants appears.
- 3 Scroll to the person you want to speak with, then press **OK**.
The other participants can continue talking with each other.
- 4 To rejoin the conference call, press **Options**.
- 5 Scroll to **Conference**, then press **Select**.

DROP A PARTICIPANT FROM THE CONFERENCE CALL

- 1 While in a conference call, press **Options**.
- 2 Scroll to **Private call**, then press **Select**.
A list of the participants appears.
- 3 Scroll to the person you want to drop, then press **OK**.
The other participants can continue talking with each other.
- 4 Press **Options**.
- 5 Scroll to **End call**, then press **Select**.

Transfer a call

When you have one active and one held call, you can connect the two calls and disconnect yourself from the call.



Note: Your network must support this feature. Contact your service provider for availability.

During a call, press **Options**, scroll to **Transfer calls**, then press **Select**.

11 Use voice features

The voice features in your phone make communication more convenient. You can check messages from friends or business associates, record a voice tag for contacts in the phone book, and use voice dialing for handsfree operation.

• ABOUT VOICE MAIL

Voice mail is a network feature that allows callers to leave a voice message for you when you are not able to take the call.

To use voice mail, you must have:

- A voice mail subscription
- A voice mailbox number
- A temporary password


These items are assigned by your service provider. Your service provider should also tell you how to record a greeting for your voice mailbox and how to change the temporary password.



Note: If you have difficulty using the voice mail feature, contact your service provider.

Save the voice mailbox number

If your service provider has not already set up the voice mailbox number, follow these steps to set up the voice mailbox number.

- 1 Press **Menu** then press **Select**. Scroll  to **Voice messages**, then press **Select**.
- 2 Scroll to **Voice mailbox number**, then press **Select**.
- 3 Enter your voice mailbox number, then press **OK**.

The voice mailbox number must be longer than 2 characters and emergency numbers, such as 911, are not allowed.

Work with two phone lines


If your particular SIM card supports it, your phone can have two phone lines. Your service provider can tell you if your SIM card allows the use of this feature and can give you access to two phone lines.

If you decide to use two phone lines, you can select one of the two lines for outgoing calls, but you can still answer calls on both lines.




If you use two phone lines, you will be given a voice mailbox number for each line. You need to save each phone line's voice mailbox number separately.

To do this, first select the outgoing line and save its voice mailbox number. Then, select the other line and save its number.

Voice mail indicators


When you receive a voice message, your phone lets you know by beeping, displaying an icon on the screen , or showing a text message. The method of notification depends upon your carrier.

If you subscribe to two different phone numbers, the message icon shows which line the voice mail message is on.

-  Voice mail message on line 1.
-  Voice mail message on line 2.
-  Voice mail message on line 1 and on line 2.

Listen to your voice messages

If there's a notification message on your screen, you can get your voice messages using one of the following methods:

- If you've saved your voice mailbox number in your phone, press and hold  to call your voice mailbox.
- Call your voice mailbox number as you would any other telephone number, then follow the directions provided.

To check your voice messages anytime, press **Menu 01 15 1 (Messages > Voice messages > Listen to voice messages)**.

• USE VOICE DIALING

Your phone's voice dialing feature allows handsfree operation while you place a call. Before using this feature, you need to create entries in the phone book so you can associate a "voice tag" with a name and number. To create entries in the phone book, see page 39.

Tips for using voice tags

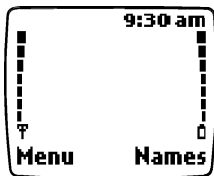
Before using voice dialing, note that:

- Voice tags are not language dependent. They are dependent on the speaker's voice.
- Voice tags are sensitive to background noise. Record them and make calls in a quiet environment.
- When recording a voice tag or making a call by saying a voice tag, hold the phone in the normal position near to your ear.
- Very short names are not accepted. Use long names and avoid similar names for different numbers.
- You cannot use the voice tag or voice dialing feature if you are actively sending or receiving data using the GPRS connection.



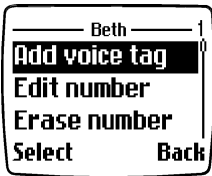
Note: You must say the name exactly as you said it when you recorded it. This may be difficult in, for example, a noisy environment or during an emergency, so you should not rely solely upon voice dialing in all circumstances.

Add a voice tag to a phone book 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**. Press **Select**.



3

Press **Start**. Speak the name clearly into the microphone.

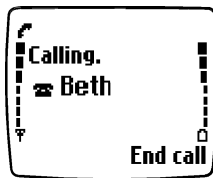


Important: Do **NOT** press **Quit** unless you want to cancel the recording. The phone automatically stops recording, then replays and saves the voice tag.

11

Make a call using voice recognition

- 1 From the **Start** screen, press and hold **Names**. When you hear several beeps and **Please speak now** appears, release the button.
- 2 Pronounce the voice tag clearly into the microphone. Your phone automatically dials the number.



Listen to a voice tag

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

Change a voice tag

- 1 Press **Names**, scroll to **Voice tags**, then press **Select**.
- 2 Scroll to the name with the voice tag you want to change.
- 3 Press **Options**, scroll to **Change**, and press **Select**.
- 4 Press **Start**, then say the new name.

The phone repeats and saves your new voice tag.

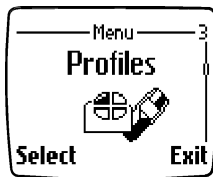
Erase a voice tag

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

12 Personalize your phone

• WHAT ARE PROFILES?

Profiles let you set your phone's sound settings to your environment, whether it's a meeting or a soccer game. Each profile contains settings for your phone's ringing option, ringing tone, ringing volume, vibrating alert, message alert tone, keypad tones, and warning tones. Just pick the profile that suits your current environment: **Normal**, **Silent**, **Outdoor**, or **Meeting**.



Your phone also has profile settings for Nokia accessories such as a headset, car kit, loopset and TTY adapter.



Note: The accessory profiles do not appear until you attach these accessories for the first time.

12

Select a profile

- 1 Press **Menu 3 (Profiles)**.
- 2 Scroll to the profile you want to use, then press **Select**.
- 3 Scroll to **Select**, then press **Select**.

Customize a profile

- 1 Press **Menu 3 (Profiles)**.
- 2 Scroll to the profile you want to customize, then press **Select**.
- 3 Scroll to **Customize**, then press **Select**.
- 4 Use the scroll keys to display each of the options listed in the following table. Once you find the option you'd like to customize, press **Select**.

Option	What it does
Ringing options	Allows you to choose a ringing style. Your choices include Ring , Ascending , Ring once , Beep once and Silent .
Ringing tone	Allows you to choose from 25 preprogrammed tones. You can also download more ringing tones, see "Download ringing tones" on page 74 for more information.
Ringing volume	Allows you to set the volume for incoming calls.
Vibrating alert	Allows you to turn the vibrating alert on or off. Note: your phone has an internal vibrating mechanism so you do not need a special battery to use this feature.
Message alert tone	Allows you to choose an alert style. Your choices include No tone , Standard , Special , Beep once , Ascending and Personal .
Keypad tones	Allows you to set the volume for keypad tones.
Warning tones	Allows you to turn warning and confirmation tones on or off.
Screen saver	Allows you to choose a screen saver for the selected profile. The image you choose is displayed if there have been no keypresses within the time-out period. You can choose the image, turn the screen saver on or off, and specify a time-out of 10 seconds, 30 seconds or other time.

Option	What it does
Alert for	You can choose to have your phone sound an audible alert only when a member of a selected caller group is calling. For more information about Caller groups, see “Use caller groups” on page 78.
Profile name	Allows you to give a new name to the following profiles: Silent , Meeting , or Outdoor .

Set a timed profile

Timed profiles can be useful in preventing missed calls. For example, if you attend an event that requires you to set your phone to the **Silent** profile, you may forget to return the phone to the **Normal** profile after the event is over. You may not notice incoming calls. With the timed profile, you can have the phone automatically return to the **Normal** profile at a time you specify.

12

- 1 Press **Menu 3 (Profiles)**.
- 2 Scroll to the profile you wish to activate, then press **Select**.
- 3 Scroll to **Timed**, then press **Select**.
- 4 Enter the time for the profile to expire and press **OK**.
- 5 If you are using a 12-hour time format, scroll to **am** or **pm** then press **Select**.

The profile you’ve set for expiration is now active and appears in the **Start** screen along with a small clock icon.

• ACCESSORY PROFILE SETTINGS

You can use your phone with these Nokia accessories:

- Headset (HDC-5, HDE-2 or HDB-5)
- Car kit (CARK125 or CARK 134)
- Loopset (LPS-3)
- TTY adapter (HDA-9)



Note: The setting used with the car kit is called **Handsfree**.

The accessory settings do not appear in the phone's menu until you connect the headset, car kit, loopset or TTY/TDD adapter.

You can adjust settings related to the accessory, such as ring tone.

Set automatic answer

This profile lets your phone answer incoming calls after just one ring.



Note: This profile is available only when your phone is connected to a headset, loopset or to an approved car kit. This feature applies only to voice calls.

- 1 Press **Menu 4 6 (Settings > Accessory settings)**.
- 2 Scroll to **Headset, Handsfree, or Loopset**, then press **Select**.
- 3 Scroll to **Automatic answer**, then press **Select**.
- 4 Scroll to **On** and press **Select**.

Set the default profile

When you use the headset, car kit or loopset, you have the option of choosing a profile. You can use the currently selected profile (for example, **Normal**) or you can choose from the list.


- 1 Press **Menu 4 6 (Settings > Accessory settings)**.
- 2 Scroll to **Headset, Handsfree or Loopset**, then press **Select**.
- 3 Scroll to **Default profile**, then press **Select**.
- 4 Scroll to the profile you want, then press **Select**.

Set up the car profile

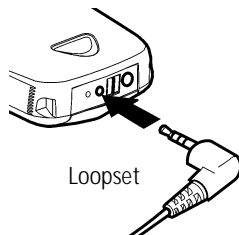
If you are using your phone with a Nokia-approved car kit, you can set lights to **On** (lights stay on) or **Automatic** (after 15 seconds, lights turn off until the next key is pressed or the phone rings).


Set up the loopset profile

The LPS-3 Loopset gives people with T-coil equipped hearing aids the ability to make and receive calls without noise interference.

 **Important:** Refer to the booklet that comes with the LPS-3 for complete instructions and safety information.


- 1 Plug the loopset jack into the bottom of your phone, as shown in the illustration.
- 2 Press **Menu 4 6 3** (**Settings > Accessory settings > Loopset**).
- 3 Scroll to **Use loopset**, then press **Select**.
- 4 Scroll to **Yes**, then press **Select**.



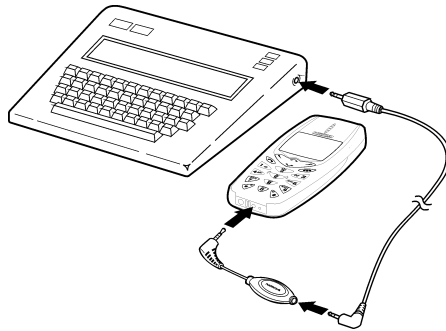
 **Note:** If you want to use the headset or TTY, you need to follow steps 2-3 above, then select **No** to deactivate the loopset profile.

Set up the TTY/TDD profile

You can connect your phone to a TTY/TDD using the Nokia TTY/TDD Adapter (HDA-9). In order for your phone to recognize the TTY/TDD, you'll need to set up the TTY/TDD profile, under Accessory settings.

 **Important:** Some manufacturers of TTY/TDD devices suggest that the phone be least 18 inches from the TTY/TDD device. Remember — when connecting to any other device, read its user guide or contact its manufacturer for detailed instructions and safety information.

- 1 First, connect the TTY/TDD via cable to the HDA-9 adapter. Next, plug the HDA-9 adapter into the connector on the bottom of your phone, as shown in the illustration.



- 2 Press **Menu 4 6 4 1** (**Settings > Accessory settings > TTY/TDD > Use TTY**).
- 3 Scroll to **Yes**, then press **Select**.

NOTES ABOUT TTY/TDD CALLS

- The Nokia TTY/TDD Adapter (HDA-9) is for use with compatible TTY/TDD devices only. Check with the manufacturer of the TTY/TDD device to ensure that the connection is compatible.
- Check with the manufacturer of the TTY/TDD device for the connecting cable.
- TTY/TDD communications depend on network availability. Check with your service provider for availability and description of services.

MAKE A TTY/TDD CALL




Tip: Before making a TTY/TDD call with your Nokia phone, check the signal strength. See page 21 for more details.

- 1 From the **Start** screen, enter the number and press **↵**.
- 2 When the receiving party answers, begin typing your conversation on the TTY/TDD.

RECEIVE A TTY/TDD CALL



Tip: You may find it helpful to use the vibrating alert under the Profiles menu. See “Customize a profile” on page 68 for details.

- 1 Make sure the TTY/TDD device is connected to your phone.
- 2 Press  to answer the call, then type your responses on the TTY/TDD.

END A TTY/TDD CALL

Press .

• ABOUT POLYPHONIC SOUND (MIDI)

Your phone is equipped with a polyphonic tone generator capable of playing up to four different voices simultaneously. The generator can reproduce over 40 different instrument tones, including drums, guitar, saxophone, flute, etc. The polyphonic sounds bring a new richness and quality to ringing tones, message alert tones, and background music and sound effects used in gaming.

Your Nokia 3590 phone supports Mobile MIDI (GMX) format messages and ringing tones. Your phone can receive polyphonic ringing tones in two ways:

- via the multimedia message service (MMS). See “Receive multimedia messages (MMS)” on page 108 for more information.
- via the WAP browser. See “Sign on to the mobile Internet” on page 114 for more information.

• DOWNLOAD RINGING TONES

You can download ringing tones over the Internet, or have them sent to your phone via MMS. Your phone has memory space for several standard ringing tones or MIDI ringing tones. The number of tones you can save depends on the size of each tone. MIDI tones take up more storage space in the memory than traditional ringing tones.



Note: Methods for downloading ringing tones vary. Some wireless providers allow you to send ringing tones to your phone via the Internet, but may charge for this service. For details about downloading ringing tones, contact your wireless service provider.

Notification of received ringing tone

When your phone receives a ringing tone, it displays **Ringing tone received**.

Listen to received ringing tones



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

- 1 When your phone displays **Ringing tone received**, press **Options**.
- 2 Scroll to **Playback**, then press **Select**.

Save received ringing tones

- 1 Press **Options**.
- 2 Scroll to **Save tone**, then press **Select**.

The tone is saved to your list of ringing tones.

If the memory is full, the phone prompts you to replace an existing tone. **Replace tone?** appears. Press **Select**.

Discard received ringing tones

If you don't want to save the ringing tone, press **Exit**, then press **OK** to confirm.

OR

Press **Options**, scroll to **Discard**, then press **Select**. Confirm with **OK**.

• CHOOSE THE DISPLAY LANGUAGE

You can choose your phone's display language.

- 1 Press **Menu 4 4 1** (**Settings > Phone settings > Language**).
- 2 Scroll to the language you want, then press **Select**.



• ADD A WELCOME NOTE

You can add a welcome note that your phone displays briefly each time you turn it on.

- 1 Press **Menu 4 4 4** (**Settings > Phone settings > Welcome note**).
- 2 Enter a note, then press **Options**.
- 3 Scroll to **Save**, then press **Select**.

Erase the welcome note

- 1 Press **Menu 4 4 4** (**Settings > Phone settings > Welcome note**).
- 2 Press **Options**.
- 3 Scroll to **Erase**, then press **Select**.

• ACTIVATE HELP TEXT

Many menu items have brief explanations of menu items. To view the help text, scroll to the menu item and wait for about 30 seconds. Press **More** to see the next page of the text or **Back** to exit.

- 1 Press **Menu 4 4 5** (**Settings > Phone settings > Help text activation**).
- 2 Scroll to **On**, then press **Select**.

To turn off help texts, scroll to **Off**, then press **Select**.

• SET UP THE TIME AND DATE

Your phone has an internal clock that can be displayed on the **Start** screen. It also features an alarm clock (see "Use the alarm clock" on page 124).



Note: The time and date has to be reset each time the phone's battery is taken out and replaced.

Select the time format

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

Set the time

- 1 Press **Menu 4 2 2** (**Settings > Time settings > Clock settings**).
- 2 Scroll to **Set the time**, then press **Select**.
- 3 Enter the current time, using two digits for both hours and minutes.
- 4 Press **OK**.
- 5 Select **am** or **pm** and press **Select**.



Note: If you entered the time in the 24-hour format, **am** and **pm** do not appear.

If this is the first time you have set the clock, the phone asks you to enter the date. Enter the date in **mmddyyyy** format and press **OK**.

Set the date format

- 1 Press **Menu 4 2 3** (**Settings > Time settings > Date settings**).
- 2 Scroll to **Date format**, then press **Select**.
- 3 Choose one of these formats, then press **Select**:
 - DD MM YYYY
 - MM DD YYYY
 - YYYY MM DD

Set the date

- 1 Press **Menu 4 2 3** (**Settings > Time settings > Date settings**).
- 2 Scroll to **Set the date**, then press **Select**.
- 3 Enter the date in **MM/DD/YYYY** format, then press **OK**.

Display the clock

This feature lets you continuously display the time on the **Start** screen.

- 1 Press **Menu 4 2 2** (**Settings > Time settings > Clock settings**).
- 2 Scroll to **Hide clock** or **Show clock** (only one choice appears, depending on the current setting).
- 3 Press **Select**.

Set automatic update of date and time

If this feature is supported by your wireless service provider, it automatically updates the clock in your phone in accordance with the current time zone. This may be helpful if you are traveling from Newfoundland to British Columbia, for example, and want to receive the local time from the wireless network.

- 1 Press **Menu 4 2 4 (Settings > Time settings > Auto update of date and time)**.
- 2 Scroll to one of the following options, then press **Select**:
 - **On**: Updates the date and time automatically.
 - **Confirm first**: Requires you to confirm that you want the update.
 - **Off**: Prevents the date and time from being automatically updated.

• USE CALLER GROUPS

You can create groups of names in your phone book and give each group a different ringing tone. When someone from that group calls, you'll know because of the ringing tone.

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Add names to a caller group

The name you add to a caller group must first be stored in the phone book.

- 1 From the **Start** screen, scroll to the name or number you want.
- 2 Press **Details**, then press **Options**.
- 3 Scroll to **Caller groups** and press **Select**.
- 4 Choose **Family**, **VIP**, **Friends**, **Business** or **Other**, then press **Select**.

Remove names from a caller group

- 1 Follow steps 1 through 3 above.
- 2 Scroll to **No group** and press **Select**.

Assign a ringing tone to a caller group

- 1 From the **Start** screen, press **Names**.
- 2 Scroll to **Caller groups** and press **Select**.
- 3 Scroll to the group you want and press **Select**.
- 4 Scroll to **Group ringing tone** and press **Select**.
- 5 Scroll to the tone you want to hear for this caller group and press **Select**.



Tip: You can set your phone to ring *only* when people from certain caller groups call you, and to be silent for all other call groups.

Rename a caller group

You can rename any call group with a name of your own.

- 1 Follow steps 1 through 3 above.
- 2 Scroll to **Rename group** and press **Select**.
- 3 Enter the group name, then press **OK**.

Assign group graphic

Each caller group has a picture associated with it. When you get a call from someone in a caller group, the graphic flashes on the screen.

To turn the graphic on for a caller group:

- 1 Press **Names**, scroll to **Caller groups**, and press **Select**.
- 2 Scroll to the name of the group and press **Select**.
- 3 Scroll to **Group logo** and press **Select**.



Note: To see the group graphic before you select it, scroll to **View** and press **Select**. Press **Back** to return to the menu.

- 4 Scroll to **On** and press **Select**.

To turn the graphic off, follow the steps above, but scroll to **Off** in the last step.

VIEW A RECEIVED GRAPHIC

- 1 When you receive a graphic from someone else, **Group logo received** appears.
- 2 To view the graphic, press **Show**.
- 3 After viewing the graphic, press **Options** and then choose:
 - **Save** to save it (you must choose which caller group gets the new graphic)
 - **Discard** to delete it
- 4 Press **Select**.

• RESTORE FACTORY SETTINGS

You can use **Menu 4 8 (Settings > Restore factory settings)** to reset some of the phone settings to their original values.



Caution: Restoring factory settings does not erase your phone book. However, it does erase all customized settings you may have entered.

- 1 Press **Menu 4 8 (Settings > Restore factory settings)**.
- 2 Enter the Security code, then press **OK**.
For the default code, see "Security code" on page 87.

• CHANGE XPRESS-ON™ COLOUR COVERS

To personalize your Nokia 3590 phone, you can change the front and back covers. Nokia Xpress-on™ colour covers, reactive covers (glow-in-the-dark), active covers, and gaming covers may be purchased from your authorized Nokia dealer.



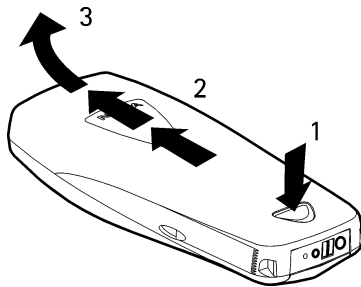
Important: Before changing the cover, always switch off the power and disconnect the phone from the charger or any other device. Always store the phone with the covers attached.



Important: When changing covers, remove the back cover first, then the front cover. When replacing covers, place the front cover on first, then the back cover.

Remove the back cover

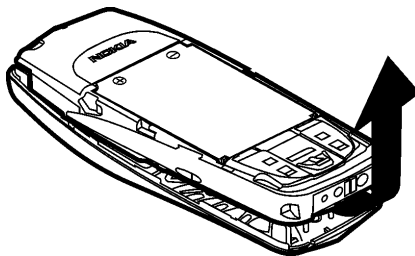
- 1 With the back of the phone facing you, press and hold the back cover release button.
- 2 Slide the cover up.
- 3 Lift the cover off of the phone.



Remove the phone from the front cover

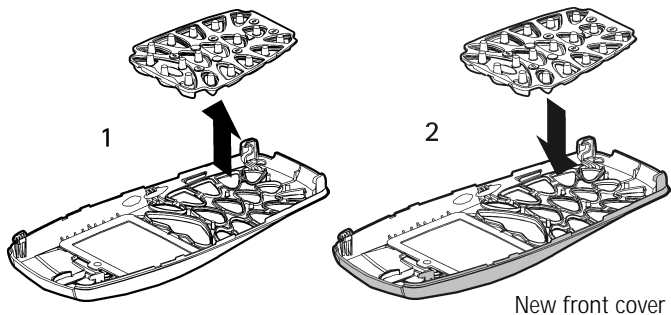
With the back of the phone facing you, gently separate the cover from the phone, starting at the bottom.

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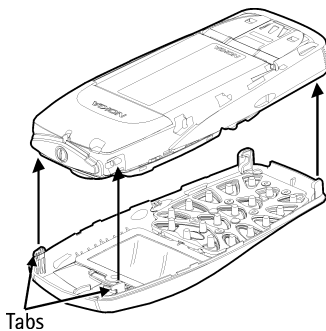
Change the keypad

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



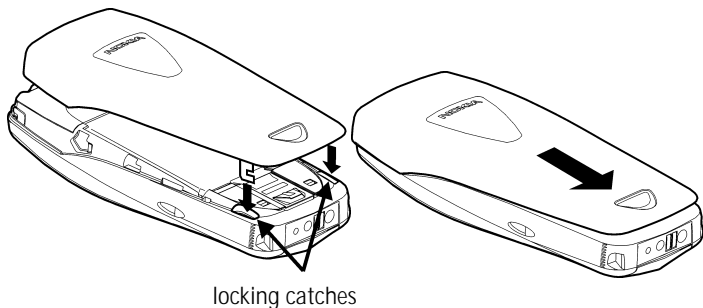
Replace the new front cover

- 1 To replace the front cover, align the top of the phone with the top of the front cover. Make sure both sets of plastic tabs line up with their slots, as shown at right.
- 2 Align the cover and snap it shut all the way around the edge of the phone.



Replace the back cover

- 1 Direct the back cover towards the locking catches on the phone.
- 2 Slide the back cover until it locks into place.





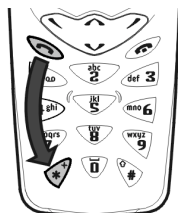
13 Manage phone security

Your phone is equipped with different security features that allow you to do the following:

- avoid making accidental calls,
 - prevent unauthorized use of your phone, and
 - restrict outgoing or incoming calls.
- **LOCK THE KEYPAD (KEYGUARD)**

Keyguard disables your keypad to prevent accidental key presses (for example, when your phone is in your pocket or purse).

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



Automatic keyguard


You can have your phone automatically lock the keys after a time you specify.

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- 1 Press **Menu** 4 4 2 (**Settings > Phone settings > Automatic keyguard**).
- 2 Scroll to **On**, then press **Select**.
- 3 Set the delay time, then press **OK**.

Notes about Keyguard



Note: When Keyguard is on, calls may be possible to emergency numbers (for example, 911 or other official emergency number). Key in the emergency number and press . The number is displayed only after you have keyed in its last digit.

- Connecting your phone to a car kit automatically disables Keyguard.
- Keyguard does not prevent unauthorized use of your phone.

• ABOUT SECURITY CODES

The following table summarizes how different types of security codes are used in your phone.

Code	Purpose
Security code	Use the security code for the following procedures: <ul style="list-style-type: none"> • Reset call timers (page 50) • Clear the data counter (page 52) • Clear the connection timer (page 52) • Restore factory settings (page 80) • Erase your entire phone book (page 46) If phone security is on, the phone requests the security code the first time you use it after installing a new SIM card.
PIN code	You can use the PIN code to protect against unauthorized calls if the following conditions are met: <ul style="list-style-type: none"> • The PIN code request is turned on • The phone is powered off The next time the phone is turned on, you must enter the correct PIN code to make calls or use the menus.
PIN2 code	Enter the PIN2 code for the following procedure: Use fixed dialing (page 88).
Restriction password	Required by the restrict calls feature.

• PIN CODES

The PIN (Personal Identity Number) and PIN2 codes are 4- to 8-digit numbers that usually come from your service provider along with the SIM card. Use the PIN code to protect your phone and SIM card against unauthorized use. The PIN2 code activates some of your phone's functions, such as Call cost limit. See "Manage call costs" on page 51.

When the phone requires the PIN or PIN2 code, it displays **Enter PIN code:** or **Enter PIN2 code:**.

Enter the code then press **OK**.

Set PIN code request

You can activate the PIN code request to prevent unauthorized use of your phone. If you set the PIN code request to **On**, your phone will ask for the code each time you turn the phone on.



Note: When the phone is locked, calls may be possible to the emergency number programmed into your phone (for example, 911 or other official emergency number).

- 1 Press **Menu 4 7 1** (**Settings > Security settings > PIN code request**).
- 2 Enter the PIN code supplied by your service provider, and press **OK**.
- 3 Scroll to **On** and press **OK**.

To turn off this feature, repeat steps 1 through 3 above, but select **Off** in step 3.

Change your PIN or PIN2 code

You can change your PIN or PIN2 code to any 4- to 8-digit number.



Tip: Activate the PIN code request first.

- 1 Press **Menu 4 7 6** (**Settings > Security settings > Change access codes**).
- 2 Scroll to **Change PIN code**, then press **Select**.
- 3 Enter the current PIN code and press **OK**.
- 4 Enter the new PIN code and press **OK**.

- 5 Enter the new PIN code again to verify, and press **OK**.



Note: If you make a mistake while entering the code, **Code Error** appears. Start again at step 2 and be careful to enter the correct code. If you enter the wrong code three times in a row, the PIN code is blocked. To unblock the PIN code, you need a Personal Unblocking Key (PUK) from your service provider.

• PUK CODES

The PUK and PUK2 codes are 4- to 8-digit codes that also usually come from your service provider along with the SIM card. The PUK code unblocks a blocked PIN code, and the PUK2 code unblocks a blocked PIN2 code.

If you block your phone, contact your service provider. When you enter the PUK code given by your service provider, the phone prompts you to enter and then confirm a new PIN code.

• SECURITY CODE



Note: The default security code is 12345. Nokia recommends that you change the default code immediately.

You need the security code to access certain phone features. When the phone requires the security code, it displays **Security code:**

Enter the code then press **OK**.

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

Change the security code

- 1 Press **Menu 4 7 6** (**Settings > Security settings > Change access codes**).
- 2 Scroll to **Change security code** and press **Select**.
- 3 Enter the current security code, then press **OK**.
- 4 Enter the new security code, then press **OK**.
- 5 Enter the security code again to verify, then press **OK**.



Important: Keep the code secret and in a safe place, separate from the phone.

• USE FIXED DIALING

If supported by your SIM card, this feature lets you restrict your outgoing calls to phone numbers included in the fixed dialing list or beginning with the same digit(s) as an entry in the list.



Note: When fixed dialing is turned on, calls may be possible to certain emergency numbers in some networks (for example, 911 or other official emergency numbers).

Turn fixed dialing on or off

- 1 Press **Menu 4 7 3** (**Settings > Security settings > Fixed dialing**).
- 2 Scroll to **On** or **Off**, then press **Select**.
- 3 Enter your PIN2 code, then press **OK**.

Add numbers to the fixed dialing list

- 1 Press **Menu 4 7 3** (**Settings > Security settings > Fixed dialing**).
- 2 Scroll to **Number list**, then press **Select**.
- 3 Scroll to **Add**, then press **Select**.
- 4 Enter your PIN2 code and press **OK**.
- 5 Enter a name to go with the restricted phone number, then press **OK**.
- 6 Enter the phone number you want to restrict, then press **OK**.

Repeat steps 3 through 6 for each number you want to add to the list.

• RESTRICT CALLS

This network service lets you restrict the calls your phone can make and receive. Check with your service provider for details.



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

About the restriction password

Contact your service provider for the restriction password.

Turn on call restrictions

- 1 Press **Menu 4 7 2** (**Settings > Security settings > Call restrictions**).
- 2 Scroll through the types of calls you can restrict, and press **Select** when you see the one you want.

Outgoing calls: Calls cannot be made.

International calls: Calls cannot be made to foreign countries.

International except to home country: When abroad, calls can be made only within the current country and to your home country (that is, the country where your home network operator is located).

Incoming calls: Calls cannot be received.

Incoming calls if roaming: Calls cannot be received outside your home area.

Cancel all call restrictions: Turns off all call restrictions. Calls can be made and received in the usual way.



Note: If you selected **Cancel all call restrictions**, the following steps are not available. Also, you can cancel call restrictions on each option, allowing restrictions on other options to stay in force.

- 3 Scroll to one of the following options, then press **Select**:

Activate: Enter the restriction password and press **OK**.

Cancel: Enter the restriction password and press **OK**.

Check Status: The phone lists the call types with call restriction active.

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Change your restriction password

- 1 Press **Menu 4 7 6** (**Settings > Security settings > Change access codes**).
- 2 Scroll to **Change restriction password**, then press **Select**.
- 3 Enter your current password, then press **OK**.
- 4 Enter your new password, then press **OK**.
- 5 Verify the new password, then press **OK**.

• SET UP A CLOSED USER GROUP

This network service specifies the group of people to whom you can call and who can call you. **Default** resets the phone to use a user group that the SIM card owner has agreed upon with the service provider.



Note: When calls are limited to Closed User Groups, calls may be possible to certain emergency numbers in some networks (for example, 911 or other official emergency number).

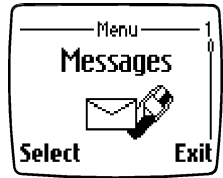
Turn closed user group on/off

- 1 Press **Menu 4 7 4** (**Settings > Security settings > Closed user group**).
- 2 Scroll to **On** or **Off**, then press **Select**.
- 3 Enter the group number, then press **OK**.

14 Communicate with mobile messages

You can use mobile messages to keep in touch with friends, family and business associates. Your Nokia 3590 phone allows you to do the following:

- Send and receive text messages
- Communicate with e-mail
- Chat online with other phone users
- Receive and view multimedia messages (MMS)
- Send and receive picture messages



Not all messaging features are available in all wireless networks. Contact your service provider for availability and subscription information.



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

• MESSAGE SETTINGS

Before you can send and receive messages you must:

- Have a text messaging subscription through your service provider.
- Contact your service provider for the message center number.
- Save your message center number in your phone.
- Set up other message settings, such as GPRS.

Save your message center number



Note: Your service provider supplies the message center number.

- 1 Press **Menu**, then press **Select**.
- 2 Scroll up to **Message settings**, then press **Select**.

- 3 Scroll to **Text messages**, then press **Select**.
- 4 Scroll to **Sending profile**, then press **Select**.
If your SIM supports more than one message profile, choose a profile, then press **Select**.
- 5 Scroll to **Message center number**, then press **Select**.
- 6 Enter your message center number, then press **OK**.

Set the message mode

You can choose the type of message sent by your phone. The message modes include Text, E-mail, Fax and Page.

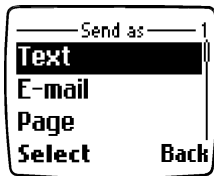


Note: This feature appears only if your SIM supports multiple message types.

- 1 Press **Menu**, then press **Select**.
- 2 Scroll up to **Message settings**, then press **Select**.
- 3 Scroll to **Text messages**, then press **Select**.
- 4 Scroll to **Sending profile**, then press **Select**.

If your SIM supports more than one message profile, choose a profile, then press **Select**.

- 5 Scroll to **Messages sent as**, then press **Select**.
- 6 Scroll to **Text**, **E-mail**, **Page**, or **Fax**, then press **Select**.



Note: In order to receive a converted message, the recipient needs to have the appropriate terminal device, such as a pager or fax machine. E-mail messages can be sent to a mobile phone or personal computer.

Adjust font size

You can modify the font size for message displays. The font size you choose appears in messages when you are reading or editing, and in message lists.

- 1 Press **Menu**, then press **Select**.
- 2 Scroll up to **Message settings**, then press **Select**.
- 3 Scroll to **Text messages**, then press **Select**.
- 4 Scroll to **Font size**, then press **Select**.
- 5 Scroll to **Small font** or **Large font**, then press **Select**.

Choose other message settings

You can modify the following message settings, under **Messages > Message settings > Text messages > Sending profile**. For menu locations, see "List of menu shortcuts" on page 25.



Note: The following list is dynamic. The order and number of items may vary.

Choice	What it does
*Message validity	Allows you to select the length of time that the message center will try to deliver a message. You can choose a time from one hour to one week. If the message center cannot deliver the message within this time, the message is deleted.
Default recipient number	Allows you to specify a single recipient for all your messages. This option is not available when you choose "Messages sent as e-mail."

Choice	What it does
*E-mail server	Allows you to store e-mail server information in your phone so that you do not have to enter the number each time you compose a new e-mail message. This option only shows up if you have set the message mode to E-mail . Contact your service provider for the server number.
*Delivery reports	Allows you to ask the network for a report about message delivery.
Use GPRS	Allows you to send your messages via the General Packet Radio System (GPRS).
Reply via same center	Choose this when you want your recipient to reply through the same message center. Note: Do not choose Yes unless you know the recipient has the same service provider.
*Rename sending profile	Allows you to name the profile. This option depends on SIM card. Note: This option is not available for the default profile.



Note: Settings marked with * are dependent on SIM. Check with your service provider for more information.

• SEND AND RECEIVE TEXT MESSAGES

You can use the text message feature to compose and send a short text message to another phone.



Tip: Review ABC mode and predictive text input from “Enter letters and numbers” on page 32 before reading this section.

Send text messages

SEND TO ONE

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

2 Enter a message.

You can compose one long message made up of several linked parts. Each part can be up to 160 characters. The counter in the upper right corner shows the number of available characters. For example, 160/2 refers to 160 characters available in the second part of the message.

Contact your service provider for information on pricing.


3 Once you have finished writing, press **Options**, scroll to **Send**, then press **Select**.

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



Note: When sending messages via the SMS network service, your phone may display the words **Message Sent**. This is an indication that the message has been sent by your phone to the message center number programmed into your phone. This is not an indication that the message has been received at the intended destination. For more details about SMS services, check with your service provider.



Caution: If you need to exit while writing the message, press  anytime. Later, press **Menu 01 1** to return and finish writing the message. If you turn off the phone without saving the message, the message will be lost.

SEND TO MANY

1 When you are finished writing, press **Options**, then scroll to **Sending options**.

2 Press **Select**.

Send to many appears highlighted.

3 Press **Select**.

The phone book appears.

- 4 Scroll to the first name that you want to send the message to and press **OK**.
Confirmation messages appear and the phone book appears again.
- 5 Scroll to another name and press **OK**. Continue sending the message to as many names in your phone book as you wish.
- 6 When you are finished sending the message, press **Done**, then press **Back** twice to return to the message screen.

OR

Press and hold  to return to the Start screen.

Save messages in the outbox


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

- 1 While writing the message, press **Options**.
- 2 Scroll to **Save message**, then press **Select**.
- 3 Scroll to **Outbox**, then press **Select**.

Resend a message from the outbox

- 1 Press **Menu**, then press **Select**.
- 2 Scroll to **Outbox**, then press **Select**.
- 3 Scroll to the message you want to resend, then press **Select**.
The message appears on the screen.
- 4 Press **Options** and scroll to **Send**, then press **Select**.
- 5 Scroll to **Text** or **E-mail**, then press **Select**.
- 6 Enter the number or e-mail address and press **OK** to send the message.

Read a new text message

When you receive a text message, the phone beeps and displays **Message received** and the  indicator in the upper left corner of the screen.

To read the message now, press **Show**.

Read a new text message later

- 1 When you receive a text message, press **Exit**.
- 2 Later when you want to read the message, press **Menu**, then press **Select**.
- 3 Scroll to **Inbox**, then press **Select**.

A list of message headers is displayed.



Indicates that a text message has been read.



Indicates that a text message has *not* been read.

- 4 Scroll to the message you want, then press **Select**.
- 5 If the message is long, use the scroll keys to scroll through the message.

Read linked messages

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

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

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

Choose text message options

While reading or viewing a message, you can choose one of the following options listed in the table below.



Note: The following list is dynamic. The order and number of options may vary.

Choice	What it does
Erase	Allows you to delete the message.
Send	Allows you to send the message.
Reply	Allows you to start your reply with an empty screen, a template or with standard replies "Yes," "No," "Thank you," "I love you too".
Use detail	Allows you to extract numbers from the current message. The phone goes through and gathers all phone numbers in the message, including the originating address.
Forward	Allows you to send the message to another recipient.
Edit	Allows you to modify the message.
Move	Allows you to move the message to the Outbox or Archive, for example.
Rename	Allows you to enter a new title for the message.
Copy to calend.	Copies the message to your phone's calendar as a reminder note. This option is not available for picture messages.
Details	Shows, for example, the sender's name and phone number, message center used, reception date and time.
Chat	Allows you to start an online conversation.
Save picture	Allows you to save a picture to the template folder. This option only appears in the list if you receive a picture message.

• COMMUNICATE WITH E-MAIL

You can send e-mail messages to friends and family directly from your phone if you sign up for this service with your service provider.

There are two ways of sending an e-mail message.

- You can send an e-mail message from the **Messages** menu.
- You can send an e-mail message from the phone book.



Tip: Before you send e-mail messages, you need to set up a profile to define the e-mail server. Contact your service provider for the e-mail server number.

Define an e-mail sending profile



Note: This feature appears only if your SIM supports multiple message profiles.

- 1 Press **Menu**, then press **Select**.
- 2 Scroll up to **Message settings**, then press **Select**.
- 3 Scroll to **Text messages**, then press **Select**.
- 4 Scroll to **Sending profile**, then press **Select**.
- 5 Scroll to **Messages sent as**, then press **Select**.
- 6 Scroll to **E-mail**, then press **Select**.
- 7 Scroll to **E-mail server**, then press **Select**.
- 8 Enter the e-mail server number, then press **Options**. Scroll to **Accept**, then press **Select**.

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Send an e-mail message

FROM THE MESSAGES MENU

- 1 Press **Menu** 01 2 (**Messages > Write e-mail**).
- 2 Enter the e-mail address, then press **OK**.


OR

If you have already saved an e-mail address in the phone book, press **Find**, scroll to the person's name, then press **Select**. E-mail address appears. Press **OK** to confirm.

- 3 Enter a subject, then press **OK**.
- 4 Enter a message.
The number of available characters appears in the upper right corner of the screen.
- 5 Once you have finished writing, press **Options**, scroll to **Send e-mail**, then press **Select**.
The **E-mail server number box** appears.
- 6 Enter the E-mail server number. Contact your service provider for the e-mail server number.
A confirmation note appears.

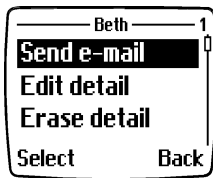
FROM THE PHONE BOOK

First you must have an e-mail address entered into the phone book. See "Save names, numbers and e-mail addresses" on page 39 for instructions.

- 1 Press , then scroll to the person to whom you want to send an e-mail message.
- 2 Press **Details**, scroll through the list until the e-mail address is highlighted, then press **Options**.




- 3 With **Send e-mail** highlighted, press **Select**.



- 4 Enter a subject, then press **OK**.
- 5 Enter a message.
The number of available characters appears in the upper right corner of the screen.

- 6 Once you have finished writing, press **Options**. With **Send e-mail** highlighted, press **Select**.

Receive an e-mail message

When you receive an e-mail message, the phone beeps and displays **Message received** and the  indicator in the upper left corner of the screen.

To read the message now, press **Show**.

When reading a received e-mail message, you can choose other options, such as **Reply**, **Forward** or **Chat**. See “Choose text message options” on page 97 for a list of options.

• CHAT WITH OTHER PHONE USERS

You can have a conversation with another person using text messages, if you have signed up for this network service from your service provider.


Chat is designed for fast message sending through a connection between the sender and receiver. Both sending and receiving parties must have a phone with the chat feature. If the receiving phone does not support chat, the messages are displayed as short text messages.

You can start by using the chat menu or by selecting the chat option while you're reading a received message.

About the chat screen

On the chat screen, you'll see:

- your chat name, followed by a message
- your initial message appears at the bottom of the screen
- each reply appears above the last message



< Sue: Dana's office.
> Tom: Where?
< Sue: Tom, we have a meeting at 3:00.

OK

Start a chat session

- 1 Press **Menu**, then press **Select**. Scroll to **Chat**, then press **Select**.
- 2 Enter the other party's phone number or recall it from the phone book and press **OK**.
- 3 Enter your chat name, maximum 5 characters, and press **OK**.
- 4 Write your chat message, then press **Options**. With **Send** highlighted, press **Select**.

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

- 5 Press **OK** to clear the screen and reply to the message.



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

Use a template

Your phone comes with ten message templates that can be used to speed up your chat session. For example, you can use a template to say that you are running late.

- 1 From the message screen press **Options**.
- 2 Scroll to **Use template**, then press **Select**.

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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. For more information see "Predictive text input" on page 35.

- 1 From the message screen press **Options**.
- 2 Scroll to **Predictive text**, then press **Select**.
- 3 Scroll to the language you want, then press **Select**.

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 nickname

- 1 From the message screen press **Options**.
- 2 Scroll to **Chat name**, then press **Select**.
- 3 Enter your new nickname, maximum 5 characters, then press **OK**.

End your chat session



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

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

OR

Press

• STORE MESSAGES

Save a message to a folder

You can save a message to an existing folder or a folder you've created.

- 1 Press **Menu 01 1 (Messages > Write message)**.
After a brief pause, the message entry screen appears in the display.
- 2 Write your message and press **Options**.
- 3 Scroll to **Save message** and press **Select**.
- 4 Scroll to the folder where you'd like to save the message and press **OK**.
The message is saved.

Inbox folder

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

Outbox folder

You can use the Outbox to store saved messages.

Archive folder

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

Templates folder

Pictures and prewritten templates are stored in the **Templates** folder.

My folders

Keep your messages organized by creating custom folders and saving your messages there.

ADD A FOLDER OF YOUR OWN

- 1 At the **Start** screen, press **Menu**, then press **Select**.
- 2 Scroll to **My folders**, then press **Select**.
- 3 Press **Options**. **Add folder** is highlighted. Press **OK**.
- 4 Enter a name for the new folder and press **OK**. The folder is added.

REMOVE A FOLDER


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

- 1 At the **Start** screen, press **Menu**, then press **Select**.
- 2 Scroll to **My folders**, then press **Select**. Any folders that you've created appear in the display.
- 3 Scroll to the folder you wish to remove and press **Options**.
- 4 Scroll to **Delete folder** and press **OK**.
- 5 Press **OK** if you wish to delete and **Back** if you wish to exit.

Move a message to a folder

- 1 While viewing the message, press **Options**.
- 2 Scroll to **Move** and press **Select**.
- 3 Scroll to the destination folder and press **Select**. The message is moved.

• ERASE MESSAGES

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

- Read some of the unread messages and then erase them.
- Erase some of these messages from your folders.

Erase a single message

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

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

After a brief pause, **Write message** appears in the display.

- 2 Scroll to the folder containing the message you wish to erase and press **Select**.

A list of messages appears in the display.

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

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

- 5 You're asked to confirm the erasure. Press **OK** to erase the message.

Erase all messages in a folder

- 1 At the **Start** screen, press **Menu**, then press **Select**.

- 2 Scroll to **Erase messages**, then press **Select**.

- 3 Scroll to the desired folder or message type that you wish to erase and press **Select**. You're asked to confirm your erasure.

- 4 Press **OK** to empty the folder.

• SEND AND RECEIVE PICTURE MESSAGES

Picture messages are like picture postcards. You can add text to the postcard before sending the message to a friend.

There are two places you can find pictures:

- Under **Messages > Templates**
- Under **Messages > Pictures**

You can also save new pictures in the Templates folder.

Notes about picture messages

- This function can be used only if it is supported by your network operator or service provider. Only phones that offer picture message features can receive and display a picture message.
- Each picture message is made up of several text messages. Therefore, sending one picture message may cost more than sending one text message. Contact your service provider for pricing information.
- Since pictures are saved in the phone's memory, you cannot view them if you use your SIM card with another phone.



Tip: Before sending a picture message, be sure to set the message mode to **Text**. See "Set the message mode" on page 92 for instructions.

Send picture messages

- 1 Press **Menu**, then **Select**.
- 2 Scroll to **Templates**, then press **Select**.
- 3 Scroll up to the picture you want to send, and press **Select**.

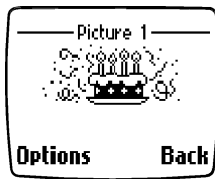
The picture appears. To choose a different picture, press **Back**, scroll to another picture, then press **Select**.

- 4 Press **Options**, scroll to **Send**, then press **Select**.
- 5 Scroll to **As text msg.**, then press **Select**.
- 6 Press **Options**. Scroll to **Send**, then press **Select**.
- 7 Recall or enter the phone number.



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

- 8 Press **OK**.




Attach a picture to a text message

- 1 Press **Menu** 01 1 (**Messages** > **Write message**).
- 2 Enter your message, then press **Options**.
- 3 Scroll to **Attach picture**, then press **Select**.
- 4 Scroll to the picture you want to send, then press **View**.
- 5 After viewing the picture, select **Attach**.
- 6 Select **Options**, scroll to **Send**, then press **Select**.
- 7 Enter the phone number or recall a number from your phone book, then press **OK**.



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

Receive picture messages

When you receive a picture message, the phone beeps and displays **Message received** and the  indicator in the upper left corner of the screen.

To read the message now, press **Show**.

To read the message later, press **Exit**.

Read a new picture message later

- 1 When you want to read the message, press **Menu**, then press **Select**.
- 2 Scroll to **Inbox**, then press **Select**.

A list of message headers is displayed.



Indicates that a picture message has not been read.



Indicates that a picture message has been read.

- 3 Scroll to the message you want, then press **Select**.
- 4 If the message is long, use the scroll keys to view the message.

Save picture messages

- 1 While viewing the message, press **Options**.
- 2 Scroll to **Save picture**, then press **Select**.
- 3 Enter a title for the picture, then press **OK**.

A confirmation note appears. The picture is saved to the **Templates** folder.

Save picture messages with edited text

- 1 While viewing the message, press **Options**.
- 2 Scroll to **Edit text**, then press **Select**.
- 3 Scroll to **As text msg.**, then press **Select**.
- 4 Make changes to the text, then press **Options**.
- 5 Scroll to **Save message**, then press **Select**.
- 6 Choose **Outbox**, **Archive**, or **Templates**, then press **Select**. If the phone prompts you to replace the original, press **OK**.

Choose a picture for a screen saver

- 1 Press **Menu**, then press **Select**.
- 2 Scroll to **Pictures**, then press **Select**.
- 3 Scroll to the image you want, then press **Options**.
- 4 Scroll to **Use as s. saver**, then press **Select**.

• RECEIVE MULTIMEDIA MESSAGES (MMS)

A multimedia message (MMS) can contain text, images, and sounds.

Your phone has a multimedia message viewer for playing messages and a multimedia inbox for storing saved messages.

Once you save the multimedia message, you can use the image as a screen saver or the sound as a ringing tone.



Note: This function can only be used if it is supported by your network operator or service provider. Only devices that offer compatible multimedia message or e-mail features can receive and display multimedia messages.

Message receiving limitations

Your phone can receive a multimedia message if :

- the message size is under 30 KB, and
- the message type and settings allow reception.

Define MMS settings

Before you can use the multimedia message feature, you need to first define the way you want to receive the messages.



Note: The default setting of the multimedia message service is on, and your operator or service provider may charge you for every message you receive.

ALLOW MULTIMEDIA RECEPTION

You can choose to receive all messages or to receive messages only when you are in the service provider's home network.

- 1 Press **Menu**, then press **Select**.
- 2 Scroll up to **Message settings**, then press **Select**.
- 3 Scroll to **Multimedia msg.**, then press **Select**.
- 4 Scroll to **Allow multimedia reception**, then press **Select**.
- 5 Scroll to one of the following, then press **Select**:
 - **Yes** to allow all incoming messages
 - **In home system** to allow incoming messages only if you are in the service provider's home system.
- 6 Scroll to **Incoming multimedia messages**, then press **Select**.
- 7 Scroll to **Retrieve**, then press **Select**.

BLOCK ALL MESSAGES

If you do not want to receive any multimedia messages, follow these instructions.

- 1 Press **Menu**, then press **Select**.
- 2 Scroll up to **Message settings**, then press **Select**.
- 3 Scroll to **Multimedia msg.**, then press **Select**.
- 4 Scroll to **Allow multimedia reception**, then press **Select**.
- 5 Scroll to **No**, then press **Select**.

ALLOW ADVERTISEMENTS

- 1 Press **Menu**, then press **Select**.
- 2 Scroll up to **Message settings**, then press **Select**.
- 3 Scroll to **Multimedia msg.**, then press **Select**.
- 4 Scroll to **Allow advertisements**, then press **Select**.
- 5 Scroll to **Yes**, then press **Select**.

BLOCK ADVERTISEMENTS

- 1 Press **Menu**, then press **Select**.
- 2 Scroll up to **Message settings**, then press **Select**.
- 3 Scroll to **Multimedia msg.**, then press **Select**.
- 4 Scroll to **Allow advertisements**, then press **Select**.
- 5 Scroll to **No**, then press **Select**.

ABOUT CONNECTION SETTINGS

Contact your service provider for information about downloading appropriate connection sets for the multimedia message service.

View a multimedia message

When you receive a multimedia message, the phone beeps and displays **Multimedia message received**.

To view the message now, press **Show**. You can use the scroll keys to view the different elements of the message, for example, text, images or MIDI tones.

Discard a multimedia message

To discard the message, press **Exit**, then press **OK** to confirm.

Choose multimedia message options

- 1 While viewing a message, press **Options**.
- 2 Scroll to one of these choices listed in the table, then press **Select**.



Note: The following list is dynamic. The order and number of options may vary.

Choice	What it does
Play	Allows you to play the ringing tone when the sound clip part of the multimedia message is active.
Save tone	Allows you to save the ringing tone when the sound clip part of the multimedia message is active. The tone is saved under the ringing tone list. See "Customize a profile" on page 68 for information about choosing a ringing tone.
Save image	Allows you to save the image when the graphic part of the multimedia message is active. The image is saved under Messages > Pictures .
Save message	Allows you to save the multimedia message in the Multimedia inbox .
Erase message	Allows you to delete a saved multimedia message.
Discard	Allows you to delete a newly received multimedia message.
Details	Shows information such as the sender's name, subject, type of file, file size, time and date.

- **USE THE INFO MESSAGE SERVICE**

With the info message network service, you can receive short text messages on various topics, such as weather and traffic conditions, from your service provider. Info message selections can be found under **Messages > Info messages**.



Note: For available topics and relevant topic numbers, contact your service provider.

- **USE THE SERVICE COMMAND EDITOR**

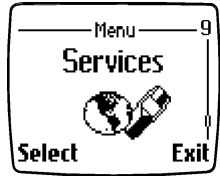
Use the **Service command editor** to key in and send service requests (also known as USSD commands) to your service provider.



Note: For more information, contact your service provider.

15 Your WAP browser

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



- **NOTES ON MOBILE INTERNET ACCESS**

This section gives a brief overview of mobile Internet technology.

Technology background

WAP

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

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

Internet content on your personal computer is called a "web page." Internet content on your mobile phone is called a "page," "WAP card," or a "Deck of cards."

GPRS

General Packet Radio Service (GPRS) is a technology used to send and receive data via short bursts or packets over the wireless network. GPRS allows you to stay connected to the Internet. This feature allows for faster downloads of information and no time spent completing a dial-up connection. Applications using GPRS include the WAP browser and text messaging.

- For information about how to track time spent online, see “Check data calls” on page 51.
- For information about sending messages via GPRS, see the entry for **Use GPRS** under “Choose other message settings” on page 93.
- For availability, pricing, and subscription to GPRS services, contact your service provider.

The service provider’s role

Because mobile Internet content is designed to be viewed from your phone, your wireless service provider now becomes your “mobile 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 log on to the Internet. Once at your service provider’s home page, you’ll find links to a number of other sites.

• 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 MOBILE INTERNET

You use the **Services** menu to connect to the mobile Internet.



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

- 1 Press **Menu 9 (Services)**.
- 2 Scroll to **Home**, then press **Select**.

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

If you see an error message, 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

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.

Choice	What it does
Home	Starts the browser and takes you to your service provider's home page.
Bookmarks	Shows a list of all saved bookmarks. Bookmarks help you find a WAP site quickly.
Service inbox	Allows you to receive notifications from your service provider. Notifications may be about new e-mail messages, changes in stock prices or news headlines.
Settings	Provides options for changing connection settings, appearance settings, and authority 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.

• NAVIGATE THE MOBILE INTERNET

Since your phone's screen is much smaller than a computer screen, Internet content is displayed in a different format than you may be used to seeing. This section shows simple guidelines for using the phone's keys to navigate a WAP site. Examples of how to read a WAP site follow the guidelines.

General guidelines for using the phone keys

- Use the scroll keys to browse the WAP site.  
- To select a highlighted item, press .
- To enter letters and numbers, press the keys  to .
- To enter special characters, press the  key.

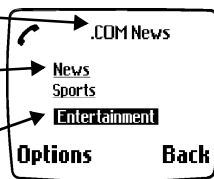
Examples of mobile Internet sites



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

Header line: shows the current Internet site.

Inactive link: appears as an underlined word.

Active link: appears as a highlighted word.

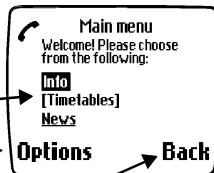


Use  and  to scroll through the list of links.

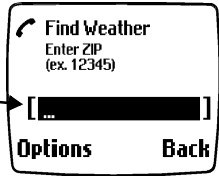
Selection list: Brackets [] appear when you have the option to enter information.

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

Back: Press **Back** to return to the previous page.



Data entry field: Brackets [] around three dots appear when you need to enter information. In this example, you can enter your zip code to receive the local weather forecast.



• 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 helps you find a page in a book.

Set a bookmark


You can add up to 50 bookmarks.

- 1 Press **Menu 9 2** (**Services > Bookmarks**), then press **Options**.
- 2 Scroll to **New bookmark**, then press **Select**.
- 3 Enter address, then press **OK**.
- 4 Enter a title, then press **OK**.

Set a bookmark while browsing

- 1 Press **Menu 9 1** (**Services > Home**), then press **Options**.
- 2 Scroll to **Add bookmark**, then press **Select**.

• DISCONNECT FROM THE MOBILE INTERNET

To close your connection, simply press .

• SECURITY ISSUES

Clear the cache memory



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

- 1 Press **Menu 9 (Services)**.
- 2 Scroll to **Clear the cache**, then press **Select**.

CLEAR THE CACHE WHILE BROWSING

- 1 Press **Options**.
- 2 Scroll to **Clear the cache**, then press **Select**.

About authority certificates

To use some WAP services, such as banking services, you need an authority certificate. Using the certificate can help you to improve the security of connections between your phone and a WAP server.

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

Your phone alerts you if the identity of the WAP server or WAP gateway cannot be verified or is not authentic.

VIEW THE LIST OF AUTHORITY CERTIFICATES

- 1 Press **Menu 9 (Services)**.
- 2 Scroll to **Settings**, then press **Select**.
- 3 Scroll to **Authority certificates**, then press **Select**.

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• NOTES ABOUT GPRS





When you use GPRS to connect to the mobile Internet, you are making a data call. The following icons appear on the screen to show you the status of your connection.



Note: In order to use GPRS, you must first subscribe to the network service. Contact your service provider for details on availability and pricing.



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

	<ul style="list-style-type: none"> Shows up in the left upper corner of the screen Indicates an active GPRS connection, for example, when you are using the WAP browser
	<ul style="list-style-type: none"> Indicates a continuous GPRS connection, if you choose the "always online" setting
	<ul style="list-style-type: none"> Indicates that circuit switched (CS) or voice calls are not possible when using GPRS for a data call
	<ul style="list-style-type: none"> Indicates that the GPRS connection has been interrupted by a voice call

Set up the GPRS connection

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







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

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You can choose one of the following options from **Services > Settings > Edit active service settings > GPRS connection**:



- **Always online:** the GPRS connection is established when you turn your phone on. The connection continues in the background even after you exit the WAP browser, depending on network coverage.
- **When needed:** the GPRS connection is established when you use the WAP browser and is closed when you exit the WAP browser.

The following table shows how to end your browsing session, depending on which option you have chosen for your GPRS connection.

	<ul style="list-style-type: none">• Press to return to the Start screen if you have selected Always online• The GPRS connection remains in the background.
	<ul style="list-style-type: none">• Press to end the GPRS connection if you have selected When needed
	<ul style="list-style-type: none">• Press twice to return to the Start screen if you have selected When needed
	<ul style="list-style-type: none">• Press and hold to end browsing and disconnect from GPRS if you have selected When needed

Receive a call while online

If you are using the WAP browser over GPRS, you can still receive a voice call. Your data call is put on hold and you can choose to answer the call.


- To answer the incoming call, press .
- To reject the incoming call, press .



Note: After you end your voice call, the GPRS connection automatically resumes.



Make a call while online

When you are browsing a WAP card and want to make a call to a number on the WAP page, you can select **Use number**. Your phone then searches the information on the WAP card for a string of numbers. You can then choose from the number or numbers displayed to place the call.

An alternate way is to press  to disconnect from the Internet, then place your call by searching the phone book for a name and number or by keying in the phone number.

Make an emergency call while online

If you are using GPRS to connect to the mobile Internet, you can end your data connection and then make an emergency call.

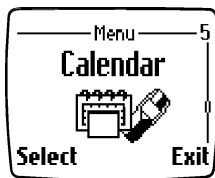
- 1 To close your mobile Internet connection, simply press  twice.
- 2 Enter the emergency number for your present location (for example, 911 or any other official emergency number—emergency numbers vary by location).
- 3 Press .

16 Your personal digital assistant

Your Nokia 3590 phone has many useful features for organizing your everyday life, including a calendar, calculator, and alarm clock. In this chapter, you'll learn how to use your phone as a personal digital assistant.

• USE THE CALENDAR

The calendar shows a month view and day view. You can use the calendar to keep track of reminders, calls you need to make, and birthdays. You can also set an alarm for calendar notes.



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



View the calendar

To view today's date in the calendar, press **Menu 5 (Calendar)**.

The first time you access the calendar, your phone prompts you to enter the time and today's date.

Select a day

When you open the calendar, the month view shows today's date highlighted. To move the cursor to a new date:

- Use key 2 to scroll up one week.
- Use key 4 or  to scroll left.
- Use key 6 or  to scroll right.
- Use key 8 to scroll down one week.

Make a note

When you make a note in your calendar, you can choose from three different types.

 Reminder  Call  Birthday

ENTER A REMINDER

- 1 Press **Menu 5 (Calendar)**, then press **Options**.
- 2 Scroll to **Make a note**, then press **Select**.
- 3 Scroll to **Reminder**, then press **Select**.
- 4 Enter your note, press **Options**, scroll to **Save**, then press **Select**.
- 5 Scroll to **Alarm on** or **Alarm off**, then press **Select**.

If you have selected **Alarm on**, enter a time, then press **OK**. Scroll to **am** or **pm**, then press **Select**.

ENTER A CALL NOTE

- 1 Press **Menu 5 (Calendar)**, then press **Options**.
- 2 Scroll to **Make a note**, then press **Select**.
- 3 Scroll to **Call**, then press **Select**.
- 4 Enter the phone number, press **Options**, scroll to **Save**, then press **Select**.
- 5 Enter the person's name, press **Options**, scroll to **Save**, then press **Select**.
- 6 Enter a time, then press **OK**. Scroll to **am** or **pm**, then press **Select**.
- 7 Choose one of the following, then press **Select**.

No alarm

Silent

With tone

If you select **Silent** or **With tone**, you can then choose a time.

ENTER A BIRTHDAY NOTE

- 1 Press **Menu 5 (Calendar)**, then press **Options**.
- 2 Scroll to **Make a note**, then press **Select**.
- 3 Scroll to **Birthday**, then press **Select**.
- 4 Enter the person's name, press **Options**, scroll to **Save**, then press **Select**.
- 5 Enter the year of birth, then press **OK**.
- 6 Choose one of the following, then press **Select**.

No alarm



Silent

With tone

If you select **Silent** or **With tone**, you can then choose a day and time.

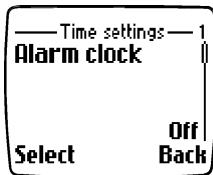
View calendar notes

After you make a few calendar notes, you can view the day's events.

- 1 From the **Start** screen, press **Menu 5 (Calendar)**.
- 2 At the month view, scroll to the date you want.
 - Use key 2 to scroll up one week.
 - Use key 4 or  to scroll left.
 - Use key 6 or  to scroll right.
 - Use key 8 to scroll down one week.
- 3 With the date highlighted, press **Options**.
- 4 Scroll to **View day**, then press **Select**.

• USE THE ALARM CLOCK

The alarm clock feature is based on your phone's internal clock and sounds an alert at a time you specify. The alarm clock works even if you turn your phone off.



Set the alarm clock

- 1 Press **Menu 4 2 1** (**Settings** > **Time settings** > **Alarm clock**).
- 2 Enter the alarm time in **hhmm** format, then press **OK**.
- 3 Select either **am** or **pm**, then press **Select**.

Step 3 is necessary only if you have selected **am/pm** format.

Manage the alarm

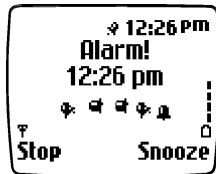
PHONE ON


- Press **Stop** to shut off the alarm.

OR

- Press **Snooze**.


The alarm stops and sounds again in 10 minutes.



 **Note:** If you let the alarm sound for one minute without pressing a key, it stops for ten minutes, and then sounds again.

PHONE OFF

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

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

Turn off the alarm clock

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

• SHARE BUSINESS CARDS

Your phone can send or receive an electronic business card as a short text message. The business card can have either:

- a name and number, or
- a name, multiple numbers (home, work, fax, mobile), an e-mail address, web address and street address if you have entered this information in the phone book.

If you are exchanging business cards with multiple numbers and addresses, both the receiving and sending phone must have a phone book that supports these kinds of entries.

Send a business card as a short text message


- 1 Recall the name from your phone book.
- 2 Press **Details**, if shown, or skip to Step 3.
- 3 Press **Options**.
- 4 Scroll to **Send bus. card** and press **Select**.
- 5 Scroll to **Via text msg.** and press **Select**.
- 6 If the name in the phone book has multiple numbers, you have the following choices:
 - Choose **Primary number** if you want to send a name and number only,
OR
 - Choose **All details** if you want to send a name, multiple numbers, e-mail, web and street address.
- 7 Enter the number for the receiving phone, then press **OK**.

Receive a business card

Your phone can accept and receive an electronic business card from a compatible phone if it is one of the following types:

- Nokia Smart Messaging compact business card
- V-card format



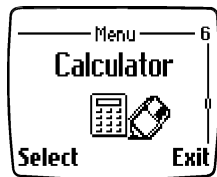
Note: If you press  at any time before saving the business card, the business card will be deleted!

- 1 When your phone displays **Business card received**, press **Show**.
- 2 After viewing the business card, press **Options**.
- 3 Scroll to **Save** to keep the information in the phone book, OR
Scroll to **Discard** to delete the business card, then press **Select**.

• USE THE CALCULATOR

Your phone's calculator adds, subtracts, multiplies, divides, and computes square and square root functions.












You can also use the calculator to convert currency.

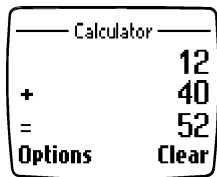


Note: Your phone must be switched on to use this function. Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

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

Add, subtract, multiply and divide

- 1 Press **Menu 6 (Calculator)**.
- 2 Enter the first number in the calculation.
 - Press  to enter a decimal point and press **Clear** to erase any mistakes.
 - To add, press  once (+ appears)
 - To subtract, press   (- appears)
 - To multiply, press    (* appears)
 - To divide, press     (/ appears)
- 3 Enter the second number, repeating steps as needed.



- 4 Press **Options**. **Equals** is selected.
- 5 Press **Select**.


Use the square and square root functions

You can use the calculator for finding the square of a number or the square root of a number.

- 1 Press **Menu 6 (Calculator)**.
- 2 Enter the number.
- 3 Press **Options**, scroll to **Square** or **Square root**, then press **Select**.

Convert currency

SET THE EXCHANGE RATE

- 1 Press **Menu 6 (Calculator)**, then press **Options**.
- 2 Scroll to **Exchange rate**, then press **Select**.
- 3 Scroll to **Foreign units converted to home units** or **Home units converted to foreign units**.
- 4 Press **Select**.
- 5 Enter the exchange rate (press  to enter a decimal point).
- 6 Press **OK** to save.



Note: The exchange rate remains in the phone's memory until you replace it.

CONVERT A CURRENCY AMOUNT

- 1 Enter the amount to be converted.
- 2 Press **Options**.
- 3 Scroll to **To home** to convert to domestic units or **To foreign** to convert to foreign units.
- 4 Press **Select**.

17 Fun and games

• GAME RULES

Challenge yourself or a friend to one of the three fun games in your phone.



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

Start a new game

- 1 Press **Menu 8 (Games)**, scroll to **Select game**, then press **Select**.
- 2 Scroll to the desired game, and press **Select**.

Adjust game settings

- 1 To adjust sound, lights or vibra, press **Menu 8 (Games)**, scroll to **Settings**, then press **Select**.
- 2 Scroll to the desired setting and press **Select**.

Use the Xpress-on™ Gaming Cover

The Xpress-on™ gaming cover features a modified keypad design with enhanced game controls. The gaming cover also works for normal phone functions. See page 82 for instructions on how to change the cover.



Note: The gaming cover may not work with all Java downloadable games.

- 1 Press **Menu 8 (Games)**, scroll to **Settings**, then press **Select**.
- 2 Scroll to **Game controls**, then press **Select**.
- 3 Scroll to **Games cover**, then press **Select**.

Space Impact II

Use your weapons to survive alien attacks. When you defeat all the enemies, you progress to the next level. Use 8 and 0 to move up and down, * and # to move left and right. Key 1 or 3 fires the main weapons, and key 4 or 6 fires bonus weapons.

USE THE GAMING COVER

If you use the Xpress-on gaming cover to play Space Impact II, use 2 and 5 to move up and down, 1 and 3 to move left and right. Key 6 fires the main weapons, and key 9 fires bonus weapons.

Bumper

Bumper is like the arcade game pinball. The object of the game is to get a high score by keeping your ball on the table for as long as you can by using the flippers. Press 5 to launch the ball. Hold down the 5 key to get more power. Use keys 1 and 3 to control the flippers. Use the keys 4 and 6 to nudge the table - but not too much or the game will tilt.

Nokia Sugar Bowl

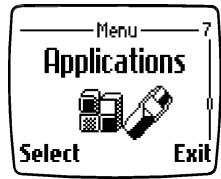
In this football game, you play the role of the head coach. You select the plays for your team and watch the action unfold.

- Use keys 2, 4, 6 and 8 to navigate through the option screens.
- Press the 5 key to make a selection.

The ball carrier is highlighted with a square. Aim to reach the ten yard mark within four plays. Watch out for fouls and snapshots of the action. The scoreboard shows score, down and distance, quarter and time remaining. Your score is shown first. Play the closing stages of the match and try to win. At the end of the match your team's abilities will be stored.

• CUSTOMIZE YOUR PHONE WITH JAVA™ APPLICATIONS

Your Nokia 3590 phone has an **Applications** menu for downloading and storing Java™ applications or midlets. The phone software may include midlets specially designed for this phone.



Examples of downloadable Java applications include interactive games, animations, sports training calendars, and map applications.

Launch an application

- 1 Press **Menu 7 (Applications)**.
- 2 Scroll to **Select app.**, then press **Select**.

If you have more than one application, scroll to the one you want to launch, then press **Options**. Scroll to **Open**, then press **Select**.



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

Check available memory

Before you download new applications to your Nokia 3590 phone, be sure to check the available memory.

- 1 Press **Menu 7 (Applications)**.
- 2 Scroll to **Memory**, then press **Select**.

The phone displays the available memory.

Download an application

You can download new Java applications from the mobile Internet. Use the WAP browser to find an appropriate application.



Caution: Only install software from sources that offer adequate protection against viruses and other harmful software.

- 1 Press **Menu 7 (Applications)**.
- 2 Scroll to **Open browser**, then press **Select**.

See “Sign on to the mobile Internet” on page 114 for more information about the WAP browser.

Choose other application options

When viewing the list of applications, press **Options** to access the choices listed in the following table:

Choice	What it does
Open	Allows you to launch an application.
Erase	Allows you to delete the application or application set from the phone.
Web access	An application may require web access to make updates. You can restrict the application from accessing the mobile Internet. Your choices include Ask first , Allowed and Not allowed .
Check version	Allows you to check if a new version of the application is available for download from mobile Internet services.
Web page	Allows you to check on additional information for the application from Internet Mobile Services. Web page is shown only if an Internet address has been provided with the application.
Details	Allows you to view information about the application, for example, the name, version number, vendor, a brief description, or memory size.

18 Reference information

• BATTERIES, CHARGERS, AND ACCESSORIES

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

Check the model number of any charger before use with this device.



Warning: Use only batteries, chargers and accessories approved by the phone manufacturer for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous. For availability of approved accessories, please check with your dealer.



Note: For information on how to charge and recharge your battery, refer to "Charge the battery" on page 11.

Charging and Discharging

Your phone is powered by a rechargeable battery.

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

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

Use only batteries approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer.

Unplug the charger when not in use. Do not leave the battery connected to a charger for longer than a week, since overcharging may shorten its lifetime. If left unused, a fully charged battery will discharge itself over time.

Temperature extremes can affect the ability of your battery to charge. Allow it to cool down or warm up first.

When the battery is running out of power and your phone only has a few minutes of talk time remaining, a warning tone sounds and the **Battery low** message appears briefly. When no more talk time is left, a warning tone sounds and the phone switches itself off.

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

Leaving the battery in hot or cold places, such as in a closed car in 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 may temporarily not work, even when the battery is fully charged. The performance of Li-Ion batteries is particularly limited in temperatures below 32°F (0°C).

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.
- Dispose of batteries according to local regulations (for example, recycling). Do not dispose of as household waste.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

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• IMPORTANT SAFETY INFORMATION

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

Traffic Safety

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

Remember road safety always comes first!

Operating environment

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

Use the phone only in its normal operating positions.

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

Electronic devices

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

PACEMAKERS

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

- Should always keep the phone more than 20 cm (6 inches) from their pacemaker when the phone is switched on.
- Should not carry the phone in a breast pocket.

- Should use the ear opposite the pacemaker to minimize the potential for interference.
- Should switch off the phone immediately if there is any reason to suspect that interference is taking place.

HEARING AIDS

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

Other medical devices

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (for example, electronic fuel injection systems, electronic antiskid/antilock 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.

18

Potentially explosive atmospheres

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

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

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats; chemical transfer or storage facilities; vehicles using 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 which may apply to the unit.

Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

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

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

Aircraft

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

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



• EMERGENCY CALLS



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

This phone supports FCC mandated emergency location service. This feature may not be supported by emergency response numbers or wireless phone networks in all areas. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

- 1 If the phone is not on, switch it on. Check for adequate signal strength.
Some networks may require that a valid SIM card is properly inserted in the phone.
- 2 Press  as many times as needed (for example, to exit a call, to exit a menu, etc.) to clear the display and ready the phone for calls.
- 3 Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
- 4 Press the  key.

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

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

• CERTIFICATION INFORMATION (SAR)

THIS MODEL 3590 PHONE MEETS GOVERNMENT REQUIREMENTS FOR EXPOSURE TO RADIO WAVES

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

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the Industry Canada is 1.6 W/kg* Tests for SAR are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, compliance with the Canadian Standard must be shown. The highest SAR value for this model phone when tested for use at the ear is 1.03 W/Kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for RF exposure.

* The SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of body tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at www.nokia.com.

• CARE AND MAINTENANCE

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfill any warranty obligations and to enjoy this product for many years:

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits.
- Do not use or store the phone in dusty, dirty areas. Its moving parts can be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When it warms up (to its normal temperature), moisture can form inside and may damage electronic circuit boards.
- Do not attempt to open the phone, except as explained in this guide. Non-expert handling may damage it.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.
- Do not paint the phone. Paint can clog the moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate regulations governing radio devices.

All of the above suggestions apply equally to your phone, battery, charger or any accessory. If any of them are not working properly, take them to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

• ACCESSORIES

If you want to enhance your phone's functionality, 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 dealer.



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. Refer to "Batteries, chargers, and accessories" on page 133 for important battery usage information.

• BATTERY INFORMATION

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



Note: The phone uses a lithium ion (Li-Ion) battery. Dispose of used batteries in accordance with any local regulations. Do not dispose of as household waste.

The tables shown in this section provide information about the batteries that are available for your phone, charging times with the Rapid Travel Chargers (ACP-8U) and (ACP-12U), the Standard Travel Charger (ACP-7U), talk times, and standby times. Consult your service provider for more information.

Charging Times

The charging times listed below are approximate.

Battery option	ACP-7U Charger	ACP-8U Charger	ACP-12U Charger
BLC-1 Li-Ion Battery 825 mAh	5 hours	2.5 hours	2 hours
BLC-2 Li-Ion Battery 950 mAh	4 hours	2.5 hours	2 hours

Standby and Talk Times

The times shown in the following table are estimates only and represent a range for either standby or talk times (not a combination of both). The operation time of the battery depends on conditions such as:

- Transmitting power level
- Signal (distance between the phone and the base station)
- Network parameters defined by the operator
- Phone use (WAP, games, SMS, Xpress-on active covers)
- Charging procedure used

Battery option	Talk time	Standby time
BLC-1 Li-Ion Battery 825 mAh	2.5 to 6.5 hours	5 - 12.5 days
BLC-2 Li-Ion Battery 950 mAh	minimum 3 hours	5 - 12.5 days

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• 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.



Note: 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 prolonged maintenance charging of the battery could shorten its life span. If left unused, a fully charged battery will discharge itself over time.

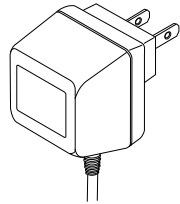
For information about Accessibility solutions, including accessories, see page 5.

Standard Travel Charger (ACP-7U)

The Standard Travel Charger is a lightweight (187 g) and durable AC charger.

To use the Standard Travel Charger, plug it into a standard 120 V AC wall outlet and connect the lead from the charger to the base of your phone.

This charger can also be used with the optional Desktop Stand.



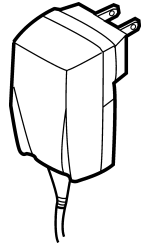
Note: If the battery is completely empty, you cannot use the phone until it has enough charge to operate.

Rapid Travel Charger (ACP-8U)

The Rapid Travel Charger is a lightweight (100 g) 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 120 V or 220 V 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 (DCV-10). Approximate charging times for discharged batteries are shown in “Charging Times” on page 142.

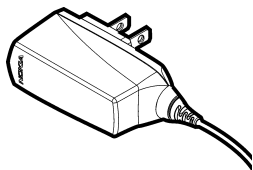


Travel Charger (ACP-12U)

The Travel Charger is a small, lightweight, high power AC-switcher charger, with cable management.

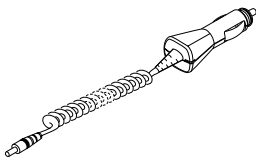
To use the Travel Charger, plug it into a standard 120 V wall outlet and connect the lead from the charger to the base of your phone. (Voltages for other countries are also available.)

This charger can also be used with the optional Desktop Stand (DCV-10).



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).

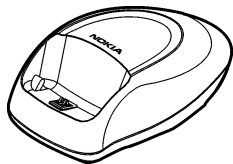


Calls are possible during charging. A green light indicates that the charger is ready for charging. The battery charging times are the same as those for the Rapid Travel Charger (ACP-8U).

The input voltage range is from 11 V to 24 V 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.

Compact Desktop Charging Stand (DCV-10)

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

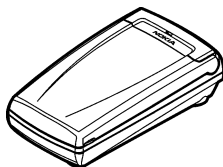


This charging stand allows you to charge your phone's battery in an upright, obtainable position on your desk.

Battery Charging Stand (DDC-1)

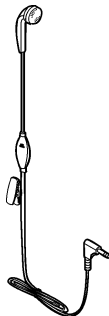
This Battery Charging Stand provides the possibility to charge a spare battery and thus have a full power source available whenever needed.

- Compatible with BLC-1 and BLC-2.
- Can be used with the Standard Charger (ACP-7U) and the Travel Charger (ACP-8U).



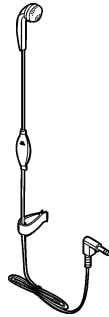
Headset Kit (HDC-5)

Small and lightweight, the headset kit allows easy and convenient handsfree operation. The headset has a foam earpiece cover for a comfortable fit and has a clip to hold it firmly in place. This headset's 4-wire 2.5 mm jack fits directly into the bottom of the phone, see "Set up your headset" on page 13 for more details. A remote control button located in the microphone makes the headset convenient to use while answering or receiving calls. You can use the headset with your phone's voice tag feature, see "Make a call using voice recognition" on page 66 for more information.



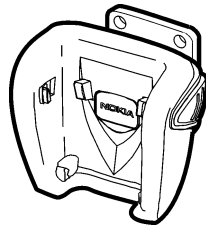
Headset Kit (HDE-2)

Small and lightweight, the headset kit allows easy and convenient handsfree operation. This headset comes with a clip for a comfortable fit. This headset's 4-wire 2.5 mm jack fits directly into the bottom of your phone, see "Set up your headset" on page 13 for more details.



Mobile Holder (MBC-6)

Small and easy to use, the Mobile Holder provides an ideal place to hold the phone in a vehicle. The Mobile Holder is easy to attach to the dashboard via a mounting plate (MKU-1) or swivel mount (HHS-9). The Mobile Holder is compatible with the Rapid Cigarette Lighter Charger (LCH-9) and the Express Car Kit (CARK-125).



Boom Headset (HDB-5)

Small and lightweight, the Boom Headset fits over the ear. This headset has excellent audio quality with the microphone and speaker integrated into the unit. The Boom Headset provides basic handsfree functionality with an answer/end button.

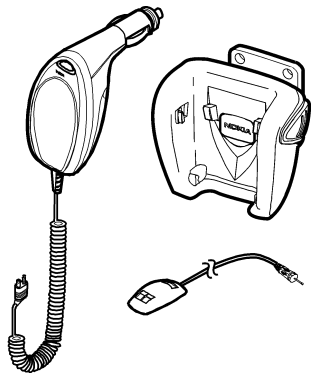
See “Set up your headset” on page 13 for more details.



Express Car Kit (CARK-125)

This car kit provides charging and handsfree functionality. With excellent audio quality, the car kit is easy to use and is compatible with 12 V systems.

The Express Car Kit Includes a holder, plug-in handsfree and an external microphone.

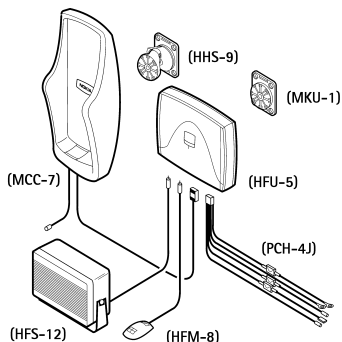



Full Car Kit (CARK-134)

The Full Car Kit offers a convenient handsfree option, automatic charging facility, transmission capacity with external antenna connection and car radio mute.

The Full Car Kit contains the following:

- MCC-7 Holder
- HHS-9 Swivel Mount
- HFU-5 Junction Box
- MKU-1 Mounting Plate
- HFM-8 Handsfree Microphone
- HFS-12 External Handsfree Speaker
- PCH-4J Power Cable



 **Important:** Installation should be done by qualified personnel only to secure safe and efficient equipment and wiring. Please note that the terms of the warranty require that the car kit be installed by an experienced installation facility. An end user should never attempt to install the car kit without professional assistance as the installation requires special tools and knowledge. Electronic fuel injection systems, electronic cruise control systems, and other electronic systems can malfunction due to the lack of protection from radio signals. Please check with your local retail store or your service provider for professional installation facilities in your area.

There is no optional privacy handset for the Full Car Kit.

Antenna considerations: Please contact your local dealer for the type of external antenna that will best support the system and terrain in your area.

19 Technical information

Weight	79.8 g
	107.3 g with BLC-2 battery
	112.2 g with BLC-1 battery
Size	Length 119 mm (4.68 in.)
	Width 50 mm (1.97 in.)
	Depth 23 mm (0.90 in.)
Transmitting power	GSM 850 2 W
	GSM 1900 1 W
Operating voltage	3.6 V DC nominal
	3.6 V DC for car kit
Networks	GSM 850 MHz/1900 MHz
Frequency band	GSM 850
	824.2 to 848.8 MHz (TX)
	869.2 to 893.8 MHz (RX)
	GSM 1900
	1850.2 to 1909.8 MHz (TX)
1930.2 to 1989.8 MHz (RX)	
Memory locations	Up to 500 memory locations in phone. Each location holds up to 5 numbers and 3 text fields (dynamic memory); Check with your SIM card provider or carrier for information about SIM card memory capacity.

20 Troubleshooting

This section provides a table that lists some of the most commonly encountered problems and provides possible causes and 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.	Make sure that the charger is plugged in correctly.
My phone isn't making/answering calls.	The battery is not charged.	Charge the battery.
	The signal strength is poor.	If you are indoors, move toward a window.
I can't listen to my voice messages.	You don't have voice mail service.	Call your wireless service provider.
	You have not set up your voice mailbox with your service provider.	Call your wireless service provider.
	You have not saved your voice mail number in your phone.	Refer to "Use voice features" on page 63.
	The voice mail number you have saved is incorrect.	Call your wireless service provider.
	You have forgotten your password or are entering it incorrectly.	Call your wireless service provider.

21 Nokia One-Year Limited Warranty

Nokia warrants that the Nokia wireless phone and accessories are free from defects in material and workmanship. The warranty period for the Phone (Radio) units and all accessories (excluding carry cases) is twelve (12) months from the date of purchase OR fourteen (14) months from date of wholesale shipment from Nokia, OR fifteen (15) months from the date of manufacture by Nokia. The warranty period for the Carry cases is three (3) months from the date of purchase or five (5) months from the date of wholesale shipment from Nokia.

During the warranty period, Nokia will, at its option, repair or replace the defective product free of charge. Replacement Product may be either new or remanufactured or refurbished.

However, if Nokia determines that the warranty conditions cannot be applied, the purchaser will be billed for the repair and shipping.

EXCEPTIONS

This warranty is subject to the following exceptions:

1. Mobile or fixed installation, which is not in accordance with the installation instructions, published by Nokia, will void the warranty. Damage caused by a repair or an attempt to repair by other than a service centre authorized by Nokia will void the warranty;
2. This warranty covers normal consumer use and does not cover defects or damage to any product which, in the sole opinion of Nokia, has been subject to: improper storage, exposure to moisture or dampness, exposure to fire, sand, dirt, windstorm, lightning, or earthquake; to theft, battery leakage, unauthorized modification, misuse, neglect, abuse, misapplication, accident, alteration, improper installation, maladjustment of consumer controls, or abnormal operating conditions, or which has been attributable to acts of God;

3. Fuses are not covered by the warranty;
4. This warranty does not cover defects or damages caused by a product which is not approved by Nokia to be connected to its wireless phone;
5. This warranty does not cover defects or damages caused by improper or defective function of the carrier system or by inadequate signal reception by the antenna;
6. Removal and reinstallation costs are not covered by this warranty;
7. This warranty is applicable only to products bought through Nokia Products Ltd. in Ajax, Ontario, Canada, and sold either in Canada or Bermuda.
8. Removal, alteration, or defacing of the Serial Number Plate, or the accessory Date Code Labels will void the warranty.

In no event shall Nokia be liable for incidental, special, or consequential damages, direct or indirect, loss of unanticipated benefits or profits, loss of use of its wireless telephone, resulting from the use of its wireless phone, or its accessories, or arising from any breach of this warranty.

CLAIM PROCEDURE

In order to obtain warranty performance, return the defective unit to the Nokia Service Centre with transportation charges prepaid (Shipping of the repaired unit may be paid by Nokia, in which case Nokia shall have risk of loss or damage during this shipment).

The proof of date of purchase will be required before in-warranty service is rendered.

Maintenance and service may be obtained in any authorized service centre in Canada.

EXTENSION OF WARRANTY PERIOD

When a repair is made, an extra 90-day service warranty is given to the labour and parts of the repair concerned. If replacement of a faulty unit is applied, instead of repairing, this 90-day service warranty is applied to the replaced unit.

Besides this 90-day service warranty, the warranty repairs or replacements do not affect the original warranty conditions, which are determined by the date of purchase.

THE FOREGOING WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE.

Some provinces do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

FOR WARRANTY SERVICE LOCATIONS, CONTACT YOUR SERVICE PROVIDER/RETAILER/DEALER OR DIRECTLY TO:

NOKIA PRODUCTS LIMITED
601 Westney Road South
Ajax, Ontario L1S 4N7
Tel: 905-427-1373
1-888-226-6542
Website: www.nokia.ca

For products being returned to Nokia or its authorized service centres, the service provider/retailer/dealer shall prepay shipping charges, taxes, duties, insurance. Nokia shall have no risk for loss or damage during this shipment.

NOTE: As warranty is automatically registered, no further action is required by the consumer.

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