

User's Guide for Nokia 3586

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

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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.



BACKUP COPIES

Remember to make backup copies of all important data.



CONNECTING TO OTHER DEVICES

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



CALLING

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



EMERGENCY CALLS

Ensure the phone is switched on and in service. Press the **End** key 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 the **Send** key. Give your location. Do not end the call until told to do so.

• QUICK GUIDE

Make a call	Enter phone number, press the Send key
Answer a call	Press the Send key
Answer a call with call waiting	Press the Send key or Answer
End a call	Press the End key
Ignore a call	Press Silence when your phone rings
Redial	Press the Send key twice
Adjust call volume	Press scroll key left or right
Use the in-call menu	While in a call, press left select key to select Options
Use 1-touch dialing	Press and hold any key 2 through 9
Save a name and number	Enter a number, press left select key to select Options , select Save . Enter a name and press OK
Recall a name/number	Press Contacts , select Search . Enter first character of name and press Search
Recall a name/number during a call	Press Options , scroll to Contacts , press Select , press Search , enter the first letter of the name to find
Check voice mail	Press and hold the 1 key OR dial your voice mailbox number
Send a text message	Press Menu 01-1-1 . Add recipient's phone number, then press Options . Scroll to Enter text , then press Select . Enter the message text, then press Options and select Send .
Send an e-mail message	Press Menu 01-1-1 . Add recipient's e-mail address, then press Options . Scroll to Enter text , then press Select . Enter the message text, then press Options and select Send .
Read new message	Press Show .
Reply to a message	Press Options , select Reply , then select a reply option. Write the reply, press Options and select Send .
Reply to an e-mail message	Press Options , select Reply , then select a reply option. Write the reply, press Options and select Send .
Send a business card (SMS)	Recall a name from the phone book. Press Details , then press Options , select Send bus. card , select Via text msg. Enter the recipient's number or press Search to retrieve a number from the phone book. Press OK .

• MENU SHORTCUTS

1 MESSAGES

Text messages	01-1
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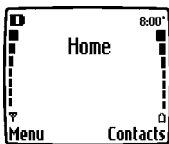
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Voice Recorder	8-3

10 ORGANIZER

Alarm clock	10-1
Calendar	10-2
Calculator	10-3
Stopwatch	10-4

2 Welcome

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



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

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

• GET THE MOST OUT OF THIS GUIDE

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

Understand the terms

This guide uses certain terms for certain actions.

- **Press** means to briefly press then release a key.
- Use the **selection keys** to choose an option on a menu.
- **Press Menu** means to press the selection key that is below the word **Menu** on the phone's screen.

- **Press and hold** means to press and hold a key for two to three seconds (depending on the feature you're using), then release the key.
- **Highlighted** means that an option you see on the screen is enclosed in a dark bar. Choices you make with the two selection keys act on the highlighted option.

Observe text conventions

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

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

Follow graphic clues

This guide uses certain icons (graphic clues) 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.

LPS-4 mobile inductive loopset

The LPS-4 Loopset is a Nokia accessory designed to make the 3500 series phone more accessible to hearing-aid users.

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

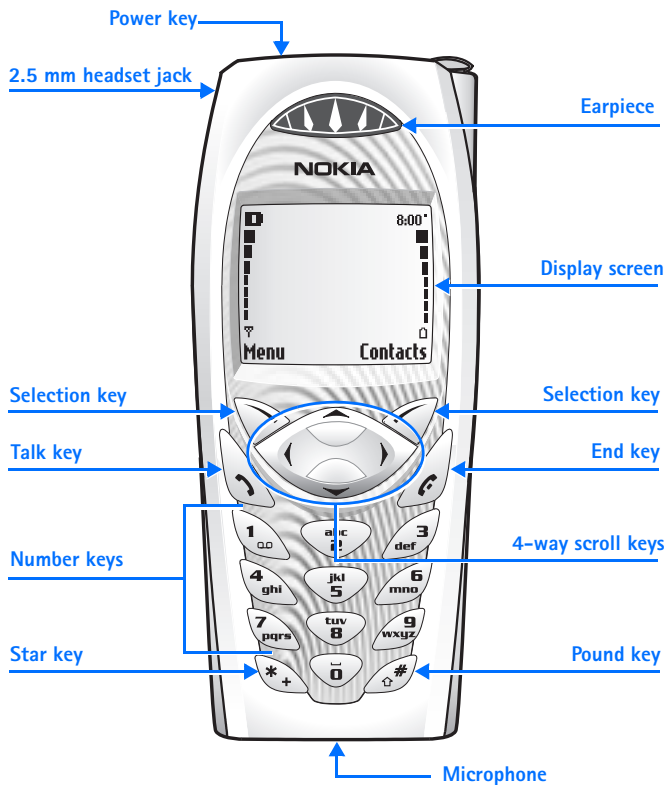


Note: The LPS-4 is sold separately as an accessory. Once you connect the LPS-4 to your phone, use the phone's menu (**Menu - Settings - Accessory settings - Loopset**) to enable loopset mode. For more information, see "[Learn about your headset](#)" on page 17.

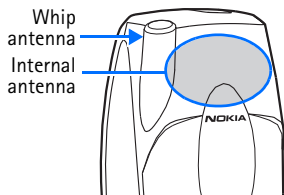
3 About your phone

This section gives you a brief introduction to your phone and provides you with quick steps for making, answering, and

managing your calls. The rest of this guide user provides complete details on phone use.

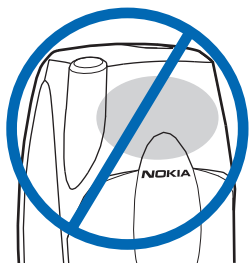


• ABOUT THE ANTENNAS



Your phone is equipped with two antennas. The internal antenna is always active. The whip antenna is activated when the whip antenna is fully extended.

As with any other radio transmitting device, do not touch either of the two antennas unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed. Not touching the antenna area during a phone call optimizes the antenna performance and the talk time of your phone.



While in a call, hold the phone to your ear, placing your finger tips on the Nokia badge at the mid-center of the back cover (located below the antenna area on the back of your phone).

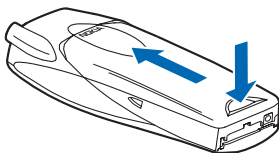
• ABOUT THE BATTERY

Install the battery

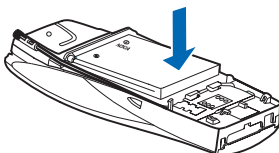


Warning! Use only the BLC-2 battery in this Nokia phone. If your dealer has already installed the battery, please see "Charge the battery" on page 8.

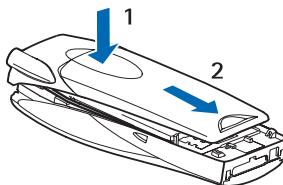
- 1 Remove the back cover of the phone by pressing and holding the release button while sliding the cover upward toward the top of the phone. Set the back cover aside.



- 2 Place the battery in the compartment with the label side facing up and the metal contacts aligned with the contact prongs. Snap the battery into place.

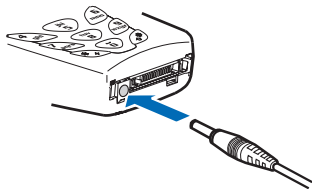


- 3 Replace the cover by sliding it carefully over the whip antenna downward until you hear a click.



Charge the battery

Follow these guidelines to charge the battery.



- 1 Connect the charger to an AC wall outlet.
- 2 With your phone on or off, connect the lead from the charger to the charging port located on the bottom of the phone. The battery indicator bar appears on the screen and starts to scroll up and down after a few seconds. With the phone off, only the battery indicator bar will appear.
- 3 Disconnect the charger from the phone and AC outlet when the battery is fully charged.



After the indicator bar stops scrolling, the battery is almost fully charged, and is fully charged after an additional hour (approximately). The message **Battery Full** is displayed.



Note: For best performance, charge the battery for 24 hours before you use the phone. The charging time depends on the charger and battery you use. For example, the charging time for the BLC-2 battery with the ACP-7 charger is approximately 4 hours.



Important: Do not leave the battery connected to a charger for more than 72 hours, since prolonged maintenance charging could shorten its lifetime.

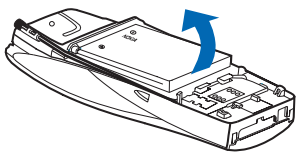
Remove the battery



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

You will need to remove the existing battery if you want to install a new battery or if you've purchased a spare battery. Make sure the phone has been turned off for ten seconds.

- 1 Remove the back cover of the phone as shown in step 1 on [page 7](#).
- 2 Place your index finger in the space at the bottom of the battery, and press toward the top of the phone.



- 3 Take out the battery.

Important battery information

- Recharge your battery only with a charger approved by Nokia.
- You can switch the phone on and use it for calls while the battery is charging.
- If the battery is totally empty, it may take a few minutes for the battery indicator to appear on the screen.

- If you switch the phone on when charging is complete, the message **Battery full** is displayed momentarily.
- Charging time depends on the charger and battery used. Please see "[Battery information](#)" on page 83, for more information.
- If the battery has become completely empty, you may need to recharge it for a few minutes before you can make or receive calls.

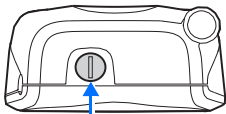
Prolong battery life

A battery lasts longer and performs better if you fully discharge it from time to time. To discharge your battery, leave your phone switched on until the battery drains completely. [Ignore any messages to recharge your battery and let the battery completely discharge.](#)



Important: Do not attempt to discharge the battery by any means other than those just described.

• SWITCH YOUR PHONE ON



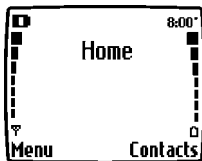
Power key

To switch your phone on or off, press and hold the power key (located on the top of the phone) for two seconds.



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



• CHECK THE START SCREEN



The Start screen refers to the phone's display when no calls are in progress, and there are currently no menu or phone book entries displayed.

You can easily return to the Start screen from any location (other than an active call) simply by pressing the **End key**. However, keep in mind that any text or numbers that you were entering at the time will be lost, and your work will not be saved.

The following table describes the status indicators and icons found on the Start screen:

Element	Description
Home	Your service provider's name may appear here.
	Shows the signal strength of the wireless network where you are. The higher the bar, the stronger the signal.
	Shows the battery charge level. The higher the bar, the higher the power level in the battery.

Element	Description
Menu	The entry point for your phone's menu. Press the left selection key to view the menu options.
Contacts	The entry point for the phone book menu. Press the right selection key to view phone book menu options.
D	Icon appears in upper left corner of screen, indicating that you are in a digital network.

• USE THE SELECTION KEYS

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



For example, pressing the left selection key when the word **Menu** appears above it shows the first of many menus. Scroll through the menus using the up scroll and down scroll keys.

Likewise, pressing the right selection key when **Contacts** appears above it displays the phone book menu.

• USE THE SCROLL KEY

Note the four-way scroll key in the center of the phone, beneath the screen. The function of this key is to scroll through the different menus and lists within the phone. Scroll left to decrease volume or to go directly to the **Write message** menu. Scroll right to decrease volume or to go directly to the **Calendar** menu.



• LEARN ABOUT THE KEYS

The table on the following page contains a summary of how the various keys on your phone work.

Key	Description
Ⓚ	Power: Press and hold to switch the phone on or off. Pressing this key momentarily displays a list of profiles that can be selected. Power key also displays menu while using Minibrowser.
Send key	Talk: Press the Send key to make a call to the name or number shown on the screen or to answer a call. Pressing this key when not in a call (or when not in the menu or phone book) displays a list of recently dialed numbers.

Key	Description
End key	End: Press the End key to end a call, to silence the ring from an incoming call, or to exit the phone book or menus completely. Used as Back key in Minibrowser.
0 through 9	Number: Use keys 0-9 to enter numbers and letters. Press and hold 1 to dial your voice mailbox. Press and hold 0 to launch the minibrowser.
#	# key: Press the # key to change case of text, or to enable or disable predictive text input.
*/+	* key: Press the * key to enter special characters (for example, punctuation) or access special characters menu.

• MAKE AND ANSWER CALLS





Use the following table as a quick reference for making and answering calls:













Task	Instructions
Make a call	<ol style="list-style-type: none"> 1 Enter the number using the keypad (include area code as needed). 2 Press the Send key 3 Hold the phone as you would any other telephone, with the ear piece over your ear and the microphone near your mouth.








Task	Instructions
Answer a call	When your phone rings, press the Send key
End a call	Press the End key to terminate the active call.
Reject a call	Press the End key when you don't want to answer a call, but still want to silence the ringer.
Keypguard	To avoid accidental calls, press the left selection key (for Menu) then press */+ (within three seconds) to lock your keypad. This activates the Keypguard feature.
Unlock keypad	When the keypad is locked, press Menu then press */+ (within three seconds). This deactivates the Keypguard feature.

• REVIEW PHONE SYMBOLS

The following is a collection of the various indicators and icons you may see on your phone.

Symbol	Description
	A call is in progress.
	You have selected the Silent profile (silencing your phone's ringer, keypad tones, warning tones, etc.)
	Keypguard is active
	You have one or more voice messages waiting.

Symbol	Description
	You have one or more unread text messages waiting.
	Digital service is available.
	Letters you enter appear as uppercase (ALL CAPS).
	Letters you enter appear in lowercase.
	Letters you enter appear in sentence case (first word in sentence capitalized) or title case (in phone book).
	Characters you enter appear as numbers.
	Predictive text mode is active. Predictive text feature available for Calendar and for text messages.
	Predictive text mode activated. Characters you enter appear in sentence case (only first word in sentence capitalized).
	Predictive text mode activated. Characters you enter appear as uppercase letters.
	Predictive text mode activated. Characters you enter appear as lowercase letters.
	Insert symbol mode, used to enter special characters such as punctuation marks.
	The alarm clock is set.

Symbol	Description
	Indicates that a reminder has expired.
	Indicates you are roaming.
	Indicates call over a secure connection.
	Indicates that a headset is connected (either via the 2.5mm jack or to the accessory connector located at the bottom of phone)
	Indicates phone is in handsfree car kit
	Indicates a connection to data network.
	Indicates you have a minibrowser message.

• MEMORY USE

In your phone, **Calendar Notes** and **Java Applications** share a common pool of memory (storage capacity). When either of these features are used, there is less available memory for the other feature which is also dependent on shared memory. This is especially true with heavy use of some features. If your use of a feature takes all of the shared memory, your phone may display a message saying **Memory full**. To proceed, you would need to delete some of the information or entries from these features to make additional memory space available.

For example, entering 250 calendar notes may consume significant shared memory. Consequently, if you attempt to download a Java midlet into your phone,

a message saying **Memory Full** may appear. To proceed, you would need to delete some of the items/information occupying the memory.

• VIEW YOUR PHONE'S HELP SYSTEM

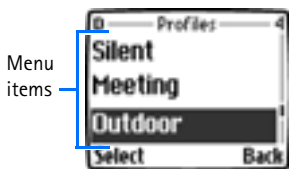
Your phone provides brief descriptions of all menu options. To view any of the help texts:

- 1 Scroll to a menu or submenu option.
- 2 Wait about 15 seconds. A short message appears, describing the option and what it does.
- 3 Scroll up and down as needed to scroll down through longer descriptions.

ENABLE/DISABLE HELP SYSTEM

Press **Menu 4-2-5** (**Settings > Phone settings > Help text activation**) to turn the phone's help system on or off.

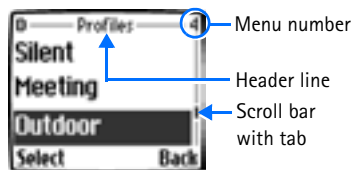
• BROWSE PHONE MENUS



Your phone's menu system displays choices you can make to change settings on your phone or gives you access to various phone features. Your phone has 10 menus, plus the phone book menu (**Names**). Each menu can contain several levels of submenus.

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

Check the menu number, header line, and scroll bar



A **header line** appears at the top of your screen when in the phone book or while navigating the menus. The header line provides you with a reminder of the phone book entry you are working with, or serves as a reminder of the menu or submenu with which you are working.

A **scroll bar** appears on the right side of the screen when you scroll through the main menu. A **tab** on the bar gives you a visual indication of your relative position in the menu structure.

The **menu number** is located at the top of the scroll bar.

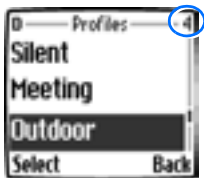
Scroll through menus

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

SCROLLING TIPS

- You can scroll up as well as down to find some of the most frequently used submenu options.
- You can return to the previous menu level by pressing **Back**.
- To exit a menu and return to the Start screen, press the **End** key. If you leave a menu by pressing the **End** key, you cancel any changes you made.
- Some menus may not appear. Ask your service provider for details.
- Your phone has 4-way scrolling ability. This feature is used in the **Games, Text messaging, Minibrowser** and **Calendar** menus.

Learn about menu shortcuts



Menus and options are numbered so that you can jump directly to the option you use frequently. The numbers appear in the top right corner of the screen and show your location in the menu.

USE A SHORTCUT

Example: To turn on **Automatic redial**:

- 1 Press **Menu**.
- 2 Within three seconds, press **4-1-3-1** (**Settings > Call settings > Automatic redial > On**).

• MENU AND MENU SHORTCUTS

MESSAGES	1	SETTINGS	4
Text messages.....	01-1	Call settings.....	4-1
Create message (Text/Numeric Page).....	01-1-1	Phone settings.....	4-2
Inbox.....	01-1-2	Time settings.....	4-3
Outbox.....	01-1-3	Display settings.....	4-4
Archive.....	01-1-4	Accessory settings.....	4-5
Templates.....	01-1-5	Security settings.....	4-6
My folders.....	01-1-6	Network services ²	4-7
Delete messages.....	01-1-7	Restore factory settings.....	4-8
Message settings.....	01-1-8	GALLERY	5
Voice messages ¹	01-2	View folders.....	5-1
Listen to voice messages..	01-2-1	Add folder.....	5-2
View details of last voice mail	01-2-2	Delete folder.....	5-3
Voice mailbox number.....	01-2-3	Rename folder.....	5-4
Clear voice mail icon.....	01-2-4	SYSTEM	6
CALL LOG	2	Roaming options.....	6-1
Missed calls.....	2-1	Mode.....	6-2
Received calls.....	2-2	GAMES	7
Dialed numbers.....	2-3	Select game.....	7-1
Delete recent call lists.....	2-4	Memory.....	7-2
Call Timers.....	2-5	Settings.....	7-3
Data/fax calls.....	2-6	VOICE	8
PROFILES	3	Voice tags.....	8-1
Normal.....	3-1	Voice commands.....	8-2
Silent.....	3-2	Voice recorder.....	8-3
Meeting.....	3-3	ORGANIZER	10
Outdoor.....	3-4	Alarm clock.....	10-1
Pager.....	3-5	Calendar.....	10-2
		Calculator.....	10-3
		Stopwatch.....	10-4

1 Menu option may vary, based on your service provider's requirements.

2 Network services menu options are visible only after entering the correct services code.

- **PHONE BOOK MENU**

From the Start screen, press **Names**. The following phone book options are available:

Menu	Menu (cont'd.)
Search	Own number
Add new	Caller groups
Edit name	Family ^a
Delete	Rename group
One by one	Group ringing tone
Delete all	Group logo
Add number	Group members
Options	Remove name
Scrolling view	Add name
Name list	VIP
Name+number	Friends
Memory status	Business
1-touch dialing	Other
View number	
Change	
Delete	
Voice tags	
Playback	
Change	
Delete	

- a. Menu options for VIP, Friends, Business, and Other are identical to Family options.

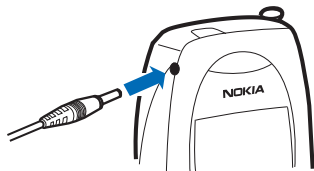
4 Phone setup

Now that you've had a chance to learn about some of the basic functions and features of your phone, you may want to explore a few options to improve the way you use your phone.

- **LEARN ABOUT YOUR HEADSET**

Your sales package may include the HDB-4 headset. Using the headset offers you convenient handsfree communications with your phone.

Connect the headset



Before using the headset:

- 1 Plug the headset jack into the side of your phone.
- 2 Wrap the device around ear.

Use the headset

You can make, answer, and end calls as usual with the headset connected. The headset fits over your ear and the microphone hangs at the side of your head. When using this headset you can speak at a normal volume.

You can use the HDB-4's button to answer or end a call, as well as activate voice dialing or voice commands.

You can also use the **Send** key or the **End** key to answer and end calls.

Adjust the volume

You can change your phone's ear piece volume, making the caller's voice sound louder or softer.

Adjustments to the ear piece volume can only be made during a call by pressing the scroll key right to increase volume or pressing it to the left to decrease volume.

Adjust screen brightness

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

- 1 Press **Menu 4-4-4 (Settings > Display settings > Display brightness)**.

Your phone displays the current setting.

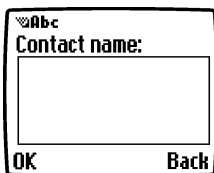
- 2 Press the scroll key to the left or right to increase or decrease brightness.
- 3 Press **OK** to confirm your changes.

5 Text entry



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

You can enter letters, numbers, and special characters via the phone's keypad when working with the phone book, calendar, text messaging, or while browsing the Internet. This section



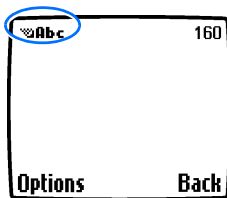
provides detailed instructions for the two text entry methods: traditional text entry, and predictive text input.

- **ENTER LETTERS AND NUMBERS**

You have four modes available for entering information, based on the type of data you're entering (phone book, organizer notes or text messages):

Mode	The phone shows	Use for
ABC	<p>ABC - sentence case or title case (first letter capitalized)</p> <p>ABC - all uppercase letters</p> <p>abc - all lowercase letters</p>	<p>Entering contacts, numbers or addresses in phone book</p> <p>Entering notes in Calendar</p> <p>Writing a text message</p>
123	123 - number entry.	Entering numbers
Special characters	?!@ - special characters list	Entering punctuation or special characters
Predictive text	:ABC - in combination with ABC mode indicators.	Writing SMS text messages or calendar notes

• WRITE USING ABC AND 123 MODES



A status indicator in the upper left corner of your screen indicates what mode you're in whenever you are entering information into your phone (phone book, calendar, or text messaging).

Enter letters

The following table contains a list of the characters displayed when entering text and numbers from your keypad:

Key	Characters	Key	Characters
1	., '?!"1	7	P Q R S 7
2	A B C 2	8	T U V 8
3	D E F 3	9	W X Y Z 9
4	G H I 4	0	Space, 0, return
5	J K L 5	*/+	Special characters menu
6	M N O 6	#	Changes letter case or mode.

Pressing a key repeatedly cycles you through all of that key's options. To enter a letter, press the appropriate key repeatedly until the desired letter appears. Continue this process until the word or name is completed.



Note: If the next letter in the word you're entering is on the same key, wait two to three seconds for the cursor to advance, then enter the new letter, or press **0** to advance the cursor.



Important: Your phone's language settings may affect the characters associated with your phone's keypad.

For example: to enter the name "Albert":

Press **2** **A**

Press **5-5-5** **l**

Press **2-2** **b**

Press **3-3** **e**

Press **7-7-7** **r**

Press **8** **t**



Note: Default mode is sentence case **abc** where first letter of a name or sentence is automatically capitalized. Phone book default mode is title case - each word is capitalized.

OTHER OPTIONS

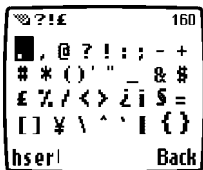
- **Delete mistakes** - If you make a mistake, press **Clear** to delete one character to the left. Press and hold the **Clear** key to speed up the erasing process.
- **Enter a space** - When you've completed entering a word or name, press **0** to enter a space before the next word.
- **Change letter case** - Press **#** to switch between the various text entry modes or from uppercase and lowercase letters.
- **To start a new line** - Press **0** three times.

Enter numbers

Your phone automatically switches to 123 mode when entering a number into your phone book. When in ABC mode, you can insert numbers using any of the following methods:

- Press and hold the # key for two seconds to switch to 123 mode, then press the desired number keys. Press and hold # again to return to ABC mode.
- Press and hold the desired number key until the number appears on the display.
- Press the desired key repeatedly until the desired number appears.

Enter punctuation/other characters



You can enter punctuation, specials characters, and symbols while writing text messages, entering notes in the **Organizer**, creating phone book entries, or browsing the Internet. The illustration to the right shows a sample of the available characters.

ENTER PUNCTUATION OR SPECIAL CHARACTERS

Depending on the type of text you're entering, you can add punctuation or special characters by doing any of the following:

- Press 1 repeatedly while in ABC mode to cycle through some of the most common punctuation marks and special characters.
- Press */+ to activate the special characters list. A screen appears displaying the available special characters.
- Use the scroll keys to highlight the desired character, then press **Select**.



Note: For faster scrolling when viewing the special characters list, use the scroll key to scroll up, down, left or right. Press the left select key to **Select** your choice.



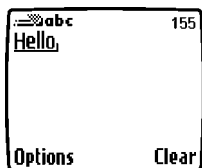
Important: Some networks may not support all language-dependent characters.

Use special characters in phone numbers

You can enter certain special characters as a part of the phone numbers you save to the phone book. Pressing */# repeatedly cycles through the four special characters available when saving a phone number.

- * This character sends command strings to the network. Contact your service provider for more information.
- + This character is used to link a 1-touch dialing location to the number currently being entered.
- p This character creates a pause that occurs when the phone dials a number. Numbers entered to the right of this special character are automatically sent as touch tones after a 2.5-second pause.
- w This character causes the phone to wait for you to press **Select**.

• WRITE WITH PREDICTIVE TEXT



Your phone offers predictive text input. Predictive text uses a highly compressed database (or "dictionary") of common words and tries to anticipate the word you are entering. You can use predictive text input when you:

- Write or reply to a text message
- Create a note in the calendar
- Enter text while using the Minibrowser

Watching predictive text guess a word can be confusing, so you should disregard the screen until all characters have been entered.

Example: To write "Nokia":

What you press	What you see
Press 6 - N	O
Press 6 - o	On
Press 5 - k	Onl
Press 4 - i	Onli
Press 2 - a	Nokia


KEYS AND TOOLS FOR PREDICTIVE TEXT

Key	Description
2 - 9	Use for text entry. Press each key only once per letter. Press and hold the key to enter the number.
*/+	If the underlined word is not the word you intended, press this key repeatedly until the word you want appears. Press and hold this key to display a list of punctuation and special characters.
Spell	If the word entered isn't recognized, Spell appears above the left selection key. Press Spell , enter the desired word, then press Save .
Clear	Press once to delete the character to the left of the cursor. Press and hold to delete characters faster.
0	Press once to accept the word and add a space. Press and hold to enter a zero.
#	Press and hold to enter 123 mode. Enter the desired number, then press and hold again to return to predictive text.

1	<p>Press once to add a period. Press 1 repeatedly to view other punctuation marks.</p> <p>Press once to add a punctuation mark that predictive text converts to an apostrophe.</p> <p>Press and hold to enter the numeral 1.</p>
#	<p>Press to switch between sentence case, lowercase, or uppercase modes or to switch to the above modes without predictive text.</p>

Turn on predictive text input

You can turn on predictive text input from the **Options** menu while writing a text message. Once enabled, predictive text is available to all features that support it.

 in the screen's upper left corner indicates predictive text is active.

ENABLE PREDICTIVE TEXT (QUICK METHOD)

While creating a new text message or calendar note, press and hold the **Options** key for two seconds.

The message **T9 prediction on** is displayed and the English language dictionary is enabled (or the most recently selected dictionary).

ENABLE PREDICTIVE TEXT (AND SELECT DICTIONARY)

While creating a new text message:

- 1 Press **Options**, scroll to **Predictive text**, and press **Select**.

- 2 Scroll to the dictionary you want (for example, **English**), then press **Select**.

The message **T9 prediction on** is displayed. The dictionary in the language you've selected is enabled.

Turn off predictive text input

While creating a new text message, press and hold the **Options** key for two seconds, -OR-

- 1 Press **Options**, scroll to **Predictive text** and press **Select**.
- 2 Scroll to **Prediction off**, then press **Select**.

• TIPS FOR PREDICTIVE TEXT

Check a word

When you've finished writing a word and the word is correct as shown:

- Press **0** to confirm the word and enter a space. Continue by writing the next word. -OR-
- Insert a punctuation mark, then press **0** for a new sentence.

If the displayed word is not correct:

- Press ***/+** repeatedly until the word you want appears, then press **0** to confirm your choice and continue. -OR-
- Press **Options**, scroll to **Matches**, then press **Select**. Scroll to the correct word and press **Use**.

Press **0** to confirm the word and enter a space.



Tip: When you enter punctuation at the end of a sentence, the phone switches to sentence case. The first letter of the next word automatically appears in uppercase.

ADD A WORD TO THE DICTIONARY

When the word you intended to write is not in the dictionary, the left selection key becomes **Spell**.

- 1 Select **Spell** and enter the word using standard text entry.
- 2 Press **Save** to insert the correct word (and to save it to the dictionary).

INSERT NUMBERS AND SYMBOLS

The procedure for entering numbers with predictive text and standard text entry is the same. Please see ["Enter numbers" on page 20](#).

The procedure for entering symbols with predictive text and standard text entry is the same. Please see ["Enter punctuation/other characters" on page 20](#).

WRITE COMPOUND WORDS

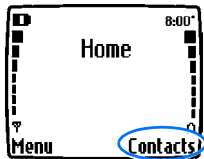
- 1 Write the first part of the compound word, then press down scroll to accept that part.
- 2 Write the last part of the compound word. Press **0** to enter the word.

6 Contacts (Phone book)



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

You can save up to 500 entries (contacts and associated numbers) in your phone book. The phone's memory is capable of storing multiple numbers for each name (home, business, mobile, etc.), as well as text information (postal address, e-mail address, or note).

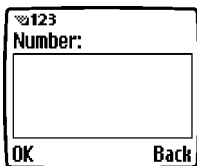


Note: The amount of detail stored for each entry may affect the total number of entries available.

• SAVING CONTACTS AND NUMBERS

There are several ways to save contacts and numbers in your phone book. Instructions for the two most common ways are listed below.

SAVE A NUMBER AND NAME (USING PHONE BOOK MENU)



- 1 Press **Names**.
- 2 Scroll to **Add new** and press **Select**.
- 3 Enter the name and press **OK**.
- 4 Enter the area code (as necessary) and phone number, then press **OK**.

SAVE A NUMBER AND NAME (QUICK SAVE)

- 1 Enter the phone number using the keypad.
- 2 Press the left selection key twice (**Options - Save**).
- 3 Enter a name and press **OK**. Press **Done** to return to the Start screen.



Tip: Pressing and holding the **Options** selection key for two seconds after entering the number stores the number only.

• RECALL CONTACTS AND NUMBERS

There are several ways to recall phone book entries. Once you locate the desired name and number from the phone book, you can perform any of the following tasks: call the number, edit or add information to the selected phone book entry, or delete the entry.

From the Start screen, recall a phone book entry as follows:

- Scroll up or down to display the list of phone book entries. Press repeatedly to scroll through the list of contacts.



Tip: When viewing the list of contacts, enter the first few letters of the desired entry. The phone book automatically jumps to that section of the phone book.

- Press **Names**, select **Search**, enter the first few letters of the entry, then press **Details**.

• USE PHONE BOOK MENUS

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

Option	Description of function
Search	Allows you to search for a specific phone book entry
Add new	Allows you to add a new contact to your phone book
Edit name	Allows you to edit the name of a phone book entry
Delete	Allows you to delete phone book entries one by one or all at once
Add number	Allows you to add a phone number to an existing contact
Options	Displays a list of phone book options, including phone book memory status and scrolling view.

Option	Description of function
1-touch dialing	Allows you to assign phone book entries to any of the 8 speed dialing locations
Voice tags	Allows you to create and manage voice tags for voice dialing
Own number	Displays your phone number(s)
Caller groups	Allows you to organize phone book entries into groups and categories and assign special ringing tones and graphics to the group

Displaying the phone book

Your phone book's information can be displayed in two different ways:

- **Name list** - Entries displayed as a list of contacts.
- **Name+number** - Name and default number displayed

When viewing the phone book, use the scroll key to scroll through the phone book entries.

Change phone book view

- 1 Press **Names**, scroll to **Options**, then press **Select**.
- 2 Select **Scrolling view**, then scroll to the view option you want.
- 3 Press **OK** to confirm your choice.

• EDIT A NAME OR NUMBER

You can edit a phone book entry at any time.

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

• ADD A NUMBER TO A PHONE BOOK ENTRY

There are several ways to add additional numbers to an existing phone book entry. Your phone's memory book can store up to five numbers per entry.

Once you choose to add a number, you can assign one of the following **number types** for the additional numbers: **General**, **Mobile**, **Home**, **Work**, or **Fax**.

From the phone book

- 1 Press **Names**, scroll to **Add number**, then press **Select**.
- 2 Scroll to the entry you wish to modify, then press **Add**.
- 3 Scroll to the type of number you are adding (**General**, **Mobile**, **Home**, **Work**, or **Fax**), then press **Select**.
- 4 Enter the number and press **OK**.

From the Start screen

- 1 Enter the phone number using the keypad, then press **Options**.
- 2 Scroll to **Add to name**, then press **Select**.
- 3 Scroll to the desired phone book entry, then press **Add**.

- 4 Scroll to the desired number type and press **Select**.

By recalling the name

- 1 Locate the phone book entry you wish to edit.
- 2 Press **Details**, then press **Options** again.
- 3 Scroll to **Add number**, then press **Select**.
- 4 Scroll to the desired number type and press **Select**.
- 5 Enter the number and press **OK**.

Change the number type

Every time you create a new phone book entry, your phone automatically assigns the **General** number type to the new number. You can use a phone book entry's **Options** menu to change the number type for any of the phone numbers. (For example, change a number's type from **General** to **Home**.)

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



Important: If you plan on using Nokia PC Suite to synchronize your phone book and your PC's PIM (Personal Information Manager) application, make sure all phone numbers are assigned the correct number type. PC Sync uses this information to synchronize contacts correctly between phone and PC.

Learn about primary number

If a phone book entry contains multiple numbers, the number entered when the phone book entry was created is designated as the **primary number**. When you highlight a phone book entry and press the **Send** key, your phone dials the primary number.

Consider designating the number you dial most often (for phone book entries containing multiple numbers per name) as the primary number.

CHANGE PRIMARY NUMBER

Any phone number can be designated the primary number.

- 1 Recall the phone book entry you want to modify.
- 2 Press **Details**, then scroll to the number you want to set as the primary number.
- 3 Press **Options**, scroll to **As primary no.**, then press **Select**.

• DELETE STORED CONTACTS AND NUMBERS

You can delete a number from a phone book entry, delete all details of a contact, or delete the entire contents of your phone book. Once you delete information, it cannot be recovered.

DELETE A NUMBER

- 1 Recall the phone book entry you want to modify.
- 2 Press **Details**, then scroll to the number you want to delete.
- 3 Press **Options**, scroll to **Delete number**, then press **Select**, then **OK**.

DELETE ENTIRE PHONE BOOK ENTRY

- 1 Highlight the phone book entry you want to delete, then press **Details**.
- 2 Press **Options**. Scroll to **Delete**, then press **Select**.
- 3 Press **OK** to delete the phone book entry (including all details).

DELETE THE ENTIRE PHONE BOOK

- 1 Press **Names**, scroll to **Delete**, then press **Select**.
- 2 Scroll to **Delete all** and press **Select**.
- 3 When you see the message **Are you sure?**, press **OK**.
- 4 Enter your security code, then press **OK**. For more information on the security code, see "Security code" on page 64.

• ADD OTHER INFORMATION TO A PHONE BOOK ENTRY

Once you have created a contact, you can add an e-mail address, a mailing address, or a note to that contact.



Note: Text information can only be added to existing contacts. For example, you cannot create a new contact with only an e-mail address.

- 1 Recall the phone book entry you want to modify.
- 2 Press **Details**, then press **Options** again.
- 3 Scroll to **Add details**, then press **Select**.
- 4 Scroll to the type of information you would like to add (**E-mail**, **Street addr.**, etc.), then press **Select**.

- 5 Enter the information, then press **OK**.
- 6 Press the **End key** to return to the Start screen.

• USE CALLER GROUPS

Your phone allows you to group phone book entries with similar attributes into *caller groups*. The five default caller groups are **Family**, **VIP**, **Friends**, **Business**, and **Other**. Each group has two attributes which can be defined by the user: *Group Name* and *Group Tone*.

Assign phone number to a caller group

- 1 Recall the desired phone book entry, then press **Details**.
- 2 Scroll to the desired phone number, then press **Options**.
- 3 Scroll to **Caller groups**, then press **Select**.
- 4 Scroll to the desired caller group (for example **Family**), then press **Select**.

Edit caller group options

You can edit various aspects of a caller group.

SETTING A RINGING TONE AND GRAPHIC FOR A CALLER GROUP

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

- 4 Scroll to one of the following functions and press **Select**.

- **Rename group** - Enter the new name for the caller group and press **OK**.
- **Group ringing tone** - Scroll to the desired tone and press **OK**. **Default** is the tone selected for the currently selected profile.
- **Group logo** - Choose to turn the group logo on or off for the selected caller group.
- **Group members** - Press **Select** to view group members. To add or remove a member, press **Options**, then select **Add name** or **Remove name**.



Note: If you selected **Send graphic**, enter the recipient's phone number or recall it from phone book and press **OK**. Check with your service provider for availability of this feature.

• CHECK MEMORY STATUS

You can check the percentage of your phone's memory which is dedicated to the phone book, that is in use and the percentage that remains available.

- 1 Press **Names**.
- 2 Scroll to **Options**, then press **Select**.
- 3 Scroll to **Memory status** and press **Select**.

7 Call log



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

Your phone keeps a log (record) of call-related information including phone numbers and call times. The call log keeps track of:



- Missed calls
- Received calls
- Dialed calls
- Time spent on calls
- Time spent on digital data/fax or minibrowser calls
- Amount of data transferred during data/fax or minibrowser calls

REQUIREMENTS

Before your phone can log missed or received calls properly:

- 1 You must have a subscription to caller ID service.
- 2 Your phone must be turned on and in a digital service area.
- 3 The caller did not choose to block his/her caller ID.
- 4 Your phone's time and date must be set.



Note: If the incoming call has caller ID blocked, the number cannot be recorded in the call log. If you try to view the call log, the message **No new numbers** is displayed.

• CHECK MISSED, RECEIVED, OR DIALED CALLS

Your phone records information about the 60 most recently missed, received, and dialed calls (20 entries for each type of call). To view call log entries:

- 1 Press **Menu 2 (Call log)**, then scroll to the desired call type (**Missed calls**, **Received calls**, or **Dialed numbers**), then press **Select**.
- 2 Scroll up or down to view the list of missed, received, or dialed calls. Scroll to the desired call log entry, then press **Options**.



Note: If the phone number recorded by the call log matches a number stored in your phone book, the name of the phone book entry is displayed.

View call log options

The table below contains a list of options available for all call log entries.

Option	Description
Call time	Shows the time when the call was missed, received or placed
Send message	Allows you to write and send a text message to numbers listed in the call log
View number	Displays the phone number when call log entry matches a number found in your phone book

Option	Description
Use number	Allows you to edit the number shown on the screen
Save	Saves the number in your phone book
Add to name	Adds the number to an existing phone book entry
Delete	Removes the number from the call log
Call	Redials the displayed number

Use call log shortcuts

MISSED CALLS

When you miss a call(s), the message **Missed calls** appears on your phone's screen, along with the number of calls missed.



Important: You are notified of missed calls only if your phone was turned on and you are in a digital service area.



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

DIALED NUMBERS

You can view the list of dialed calls without having to access the **Call log** menu. From the Start screen:

- 1 Press the **Send key**. The most recently dialed call is displayed.
- 2 Scroll up or down to view the other call log entries.
- 3 Press the **Send key** again to redial the number displayed, or press **Options** to work with the selected call log entry.



Tip: To redial the last number, press the **Send key** twice.

• CLEAR CALL LISTS

Your phone's **Call log** uses **call lists** to store numbers of incoming, outgoing, and missed calls. Use the **Clear call lists** menu to delete the log of phone numbers dialed, received, or missed.

The **All** option clears all numbers in all lists, whereas the other options clear only the numbers associated with that list.



Caution! This operation cannot be undone. Clearing the **Dialed numbers** call list clears the list of dialed calls accessed by pressing the **Send key**.

- 1 Press **Menu 2-4 (Call log > Clear call lists)**.
- 2 Scroll up or down to highlight the desired option: **All**, **Missed**, **Dialed** or **Received**.
- 3 Press **Select** to confirm your selection.

• USE CALL TIMERS

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



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

ACCESS THE VARIOUS CALL TIMERS:

- 1 Press **Menu 2-5** (**Call log > Call timers**).
- 2 Scroll up or down to view the options described in the following list:

Option	Description
Duration of last call	Displays elapsed time of the last call you made
Duration of received calls	Displays total time for all incoming calls
Duration of dialed calls	Displays total time for all outgoing calls
Duration of all calls	Displays sum total for all incoming and outgoing calls
Life timer	Shows the time used for all calls for the life of your phone. This option cannot be reset.
Clear timers	Clears (deletes) all call timers except Life timer

• TURN ON A CURRENT CALL TIMER

Your phone can display a call timer showing elapsed time of the current call. When the call is completed, the timer displays the call length.

- 1 Press **Menu 2-5-1-1** (**Call log > Call timers > Duration of last call > Show call time on display**).
- 2 Scroll to **On** and press **OK**.



Tip: After a call has ended, press any key on your phone to clear the current call time from the screen.

• CLEAR CALL TIMERS

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



Caution! This action cannot be undone.



Tip: If using call timers to log the amount of time spent on calls, you may want to record the information from the call timers before you clear them.

• DATA TIMERS (DATA/FAX)

The call log records and displays the length of digital data/fax calls, as well as meters the amount of data transferred during data/fax calls.

Access data-related call timer

- Access data/fax call timers: Press **Menu 2-6** (**Call log > Data/fax calls**)

Data-related call timer options

The following call timer options are available for data/fax and browser calls:

- **Last sent (or received) data/fax** - amount of data displayed in kilobytes (kB)
- **All sent (or received) data/fax** - amount of data displayed in KB
- **Duration of last data/fax call** - length of time spent on last data call.
- **Duration of all data/fax calls** - running total of all calls.
- **Clear all data/fax logs** - clears all timers and data logs.

8 Voice mailbox



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

Voice mail is a feature that enables those who call you to leave a voice message, in the event you are unable to answer your phone. Using your phone in conjunction with your service provider's voice mail system, you can retrieve your messages at any time.



Note: Check with your local service provider to subscribe to and use this feature.

• STORE YOUR VOICE MAILBOX NUMBER

Before you can retrieve any voice messages, you need to store your voice mailbox number in your phone:

- 1 Press **Menu 01-2-3 (Messages > Voice messages > Voice mailbox number)**.
- 2 Enter your voice mailbox phone number, then press **OK**.

Your voice mailbox number can be up to 32 digits long.



Note: If your phone number changes, you may need to reenter your voice mailbox number.



Tip: You can store your voice mailbox password and/or PIN number as a part of your voice mailbox number. For more information, please see [“Save touch tones as a phone book entry”](#) on page 61.

• SET GREETINGS

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

• LISTEN TO YOUR VOICE MESSAGES



Note: The way you retrieve your voice messages varies, depending on your service provider. Call your service provider if you have any questions.

LISTEN TO MESSAGES WHEN NOTIFIED

If your phone plays an alert tone and **New voice message** is displayed, press **Listen** and follow the prompts. If you'd rather listen to your messages later, press **Exit**.

LISTEN TO MESSAGES LATER

- From the Start screen, press and hold **1** for two seconds.

-OR-

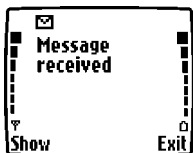
- Press **Menu 01-2-1 (Messages > Voice messages > Listen to voice messages)**.

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

9 Text messages



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



You can use the **Messages** menu (Menu 1) and Short Message Service (SMS) to read, write and send text messages to another phone in your network. You may also be able to use the Minibrowser's e-mail feature to send text messages to phones in other networks.



Important: When sending SMS messages, your phone may display the words **Message Sent** (where service is available). This is an indication that the message has been sent by your phone to the SMS network. 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.



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


• WRITE A TEXT MESSAGE

You can use the **Messages** menu to create and send text messages to another mobile phone in your network, to another mobile phone in another network, or to an e-mail recipient. You can also save a draft of your message in the **Outbox** folder for later use.

Create and send a text message



Important: Use this method when sending a message to recipients in the same wireless network. If the recipient has a different service provider, you may need to send the message as an e-mail (see "Create and send an e-mail message" on page 37).

- 1 From the Start screen, press **Menu**, then press **Select**.
 - 2 Select **Text messages**, then select **Write message**.
 - 3 Select either **Text** (up to 160 characters) or **Numeric page** (message consists of phone number only).
-  **Note:** The ability to send a numerical page may be dependent on your wireless network. Please contact your service provider for more information on text messaging in your area.
- 4 Scroll to **Add number**, then press **Select**.

- 5 Enter the phone number of the recipient, then press **OK**.
OR
Press **Search**, highlight the desired number stored in your phone book, then press **Select**.
- 6 Press **Options**, scroll to **Enter text**, then press **Select**.
- 7 Enter your message.



Tip: Since the network limits the number of characters in a message, a character counter appears in the upper right-hand corner of your phone's display. This phone supports 160 character SMS messages.

- 8 To send the message, press **Options**, then select **Send**.

USE OTHER OPTIONS

You may use the following as a shortcut for sending a new text message:

- 1 Enter the recipient's phone number, then press **Options**.
- 2 Scroll to **Send message**, then press **Select**. Continue the creation process as described above.

View message options

The table below lists several options available while creating a text message. To view these options, press **Options** at the text entry screen.

Option	Description
Send	Sends the current text message to the recipient(s)

Option	Description
List recipients	Allows to you add or remove recipients to the message
Settings	Allows you to mark a message as urgent, to request a delivery receipt or to specify a callback number
Save message	Saves the current message to the desired folder
Clear screen	Clears the screen of all text and characters
Exit editor	Used to return to the Messages menu
Insert contact	Used to insert a phone book entry into the text message
Insert number	Used to insert a phone book number into the text message
Use template	Adds text from a template to the current message
Insert picture	Insert a picture into the text message
Insert word, Edit word	Allows you to insert a word not found in the dictionary or edit a word then add it to the dictionary
Insert symbol	Used to enter punctuation or special characters into the current text message.

Option	Description
Predictive text	Allows you to enable or disable predictive text entry. Also used to select language of dictionary used
Matches	Displays a list of other options for the word currently displayed by predictive text

• USE MESSAGE TEMPLATES

Templates are short, prewritten messages which can be recalled and inserted into new text messages when you're short on time.

- 1 Create a new text message as described in steps 1 - 6 in the section, "Create and send a text message" on page 35.
- 2 Instead of entering your own message, press **Options**, scroll to **Use template**, then press **Select**.
- 3 Scroll to one of the available templates:

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

- 4 Press **Select** to enter the text into your new message.
- 5 Complete the process described earlier to send your message.

You can also create a new message while browsing the Templates folder.

- 1 Press **Menu 01-1-5 (Messages > Text messages > Templates)**.
- 2 Scroll to the desired template, then press **Select**.
- 3 Press **Options**, then select **Edit** to modify the message or **Use number** to select a recipient.
- 4 From the message options list, select **Send** to send your message.

• LEARN ABOUT E-MAIL TEXT MESSAGES

You can also use the Messages menu to write and send text messages to a person's Internet or corporate e-mail account or to phones in other networks.

Create and send an e-mail message

Use the same procedure for creating and sending e-mail messages as found in the section, "Write a text message" on page 35. However, select **Add e-mail**, then enter the e-mail address (or press **Search** and recall an e-mail address stored in your phone book).

Messages to phones in other networks

Most service providers now have the ability to route e-mail messages to your phone (appearing as text messages). The following are just a few examples of how your phone's e-mail address may appear:

```
2135551234@myserviceprovider
.com
username@serviceprovider.com
2135551234@mobile.myservicep
rovider.com
```


It can be difficult to send messages to phones outside your service provider's network using traditional text messaging. However, it is possible to send a text message as an e-mail to phones outside your service provider's network (provided the recipient's phone is capable of receiving e-mail text messages).

Follow the instructions, "Write a text message" on page 35 but select **Add e-mail**. Enter the e-mail address associated with the recipient's phone number (or press **Search** and recall the e-mail address stored in your phone book).



Important: This feature may require subscription to special services. Please check with your service provider for more information and for the e-mail address assigned to your phone.

• RECEIVE TEXT MESSAGES



When you receive a text message, the  indicator and the text: **(#) Message(s) received** appears on the screen (where # is the number of new messages received).

- 1 Press **Show** to read the message or press **Exit** to view it later.
- 2 While reading the message, press **Options** to view the list of message options, then press **Select** to choose the desired option.

READ MESSAGES LATER

- 1 Press **Menu**, then select the **Messages** menu, then **Text messages**.
- 2 Scroll to **Inbox**, then press **Select**.
- 3 Scroll to the desired message, then press **Select** to read the message.



Note: The  icon in front of the message header indicates the message has not been read.  in front of the message header indicates you have already viewed the message.

• RESPOND TO A TEXT MESSAGE

You have several options when reading a text message. Pressing **Options** displays the following list of choices:

Option	Description
Delete	Deletes the current message
Reply	Allows you to reply to the current message

Option	Description
Use number	Captures phone number in the message (or from the message sender) with the option to Save (as new phone book entry), Add to name , Send message , or Call
Save address	Captures an e-mail address in the message (or the sender of an e-mail text message)
Save message	Saves current message to Archives folder
Forward	Use to forward current message to another user
Rename	Used to rename existing message title as seen in the message list
Edit	Used to edit message before saving or forwarding
Use Web link	Captures the URL in the message and allows you to go directly to that site (via the Minibrowser) or to save it as a bookmark
Move	Used to move message to user-defined folder



Note: Some of these options may not be visible. For example, **Use Web link** appears only when a URL is present in an SMS message.

• REPLY TO A MESSAGE

You can reply to a text message either by a traditional text message or by an e-mail message. The origin of the message or the sender's wireless network affects how you reply to the incoming message.

Replying via SMS

- 1 While viewing a message, press **Options**.
- 2 Scroll to **Reply** and press **Select**.
- 3 Scroll to one of the following reply types and press **Select**:
 - **Empty screen** - gives you an empty text buffer
 - **Original text** - includes original message in the reply message
 - **Template** - allows you to select a template from the **Templates** folder
 - **Standard answer templates** (including: **See you in**, **See you at**, **Sorry, I can't help you on this.**, **I will be arriving at**, **Please call**, **I'm at home**, **I'm at work**, **I'm in a meeting**.)
- 4 After you write your reply, press **Options**, then select **Send**.

A copy of all sent messages (up to the memory limit) remain in your Outbox, unless you turn this feature off in **Message settings**.

Press **Back** to return to the Messages menu, or press the **End key** to return to the Start screen.

Replying to an e-mail message

Use the methods described above for replying to SMS messages sent from an e-mail address.



Note: If the incoming e-mail message is improperly formatted, you may be required to re-enter the e-mail address. Press

Options, then select **Add e-mail** to reenter the e-mail address.

• DELETE MESSAGES

You have several options for erasing individual messages or erasing the contents of an entire folder. You may need to delete older or unwanted messages in order to free up your phone's memory for new messages.

Learn about delete options

The **Messages** menu has an option that allows you to delete the entire contents of your folders as described below.

- **All read** - deletes all read messages from all folders (unread messages in **Inbox** remain intact)
- **Inbox** - deletes read messages in this folder (unread messages remain intact)
- **Outbox** - deletes all messages in this folder
- **Archive** - deletes all messages in this folder

Erasing messages in the message folders

- 1 At the Start screen, press **Menu 01-1-7 (Messages > Text messages > Delete messages)**.
- 2 Highlight the folder whose contents you want deleted and press **OK**.
- 3 Enter your security code (if prompted) and press **OK**.

Erasing individual text messages

- 1 From the **Inbox**, **Outbox**, or **Archive** folder, highlight the message you wish to delete.
- 2 Press **Options**, scroll to **Delete** and press **Select**.
- 3 Press **OK** to confirm your choice.

Forward a message

You can forward any incoming text messages, whether they were sent as traditional text messages or as e-mail messages. You can forward a message to a single user or to a list of users.



Tip: When forwarding a message to multiple users, your recipient list can contain both phone numbers and e-mail addresses.

- 1 While viewing a message, press **Options**.
- 2 Scroll to **Forward** and press **Select**.
- 3 Select **Add e-mail** or **Add number**, then address the message.

For multiple recipients, press **Options** again, then add additional e-mail addresses or phone numbers.

- 4 Press **Options**, scroll to **Send**, then press **OK**.

If you want to edit the forwarded message, select **Enter text** from the options menu prior to sending the message.

View a message's settings

You can assign several settings to the text messages (new messages, replies, or forwarded messages). The following settings are available from the message's **Options** menu:

- **Urgent** - sends the message marked *urgent* and appears in recipient's **Inbox** with higher priority than other messages
- **Deliv. note** - lets you know when your message has been delivered
- **Callback no.** - includes your number (or a number that you enter or recall from the phone book) in the body of the message


ASSIGN MESSAGE OPTIONS

- 1 After entering text, press **Options**. Scroll to **Settings** and press **Select**.
- 2 Scroll to the desired setting, then press **Mark**.
- 3 Press **Done**, then press **Yes** to save changes to your message.
- 4 Scroll to **Send**, then press **Select** (or select a different menu option).

Learn about message memory

Messages are stored in the following locations:

- **Inbox** - stores new messages and read messages
- **Outbox** - saves copies of all sent messages or messages waiting to be sent (in the event the network is temporarily unavailable)
- **Archive** - used to file read messages and sent messages for long-term storage

A blinking  icon indicates the text message memory is full. Before you can receive, save, or send any new messages, you must delete older messages from your **Inbox**, **Outbox**, or the **Archive** folder.

• MESSAGE SETTINGS

Specify several settings that affect the overall way your phone handles text messaging. Use (**Menu 01-1-8**) to configure the following:

- **Sending options** - used to specify normal or urgent priority, request delivery note, or specify that a callback number be sent automatically.
- **Other settings** - used to specify the font size in which messages will be displayed. Also used to configure how your phone automatically handles incoming messages when your **Inbox** or **Outbox** are full, and saving copies of sent messages automatically.

• ORGANIZE TEXT MESSAGES USING FOLDERS

You have several options for storing and organizing your text messages. The following pages explain further about the various folder options.

- **Inbox** - Text messages you receive remain stored in your **Inbox** until you delete them or move them to the **Archive** folder.

- **Outbox** - Messages that can't be sent immediately can be saved so you can come back to it later. Your phone stores the message in the **Outbox**.

If you try to send a text message and the network is unavailable, the outgoing message will be saved in the **Outbox**.

WORK WITH MESSAGES SAVED IN THE OUTBOX

- 1 From the **Text messages** menu, scroll to **Outbox** and press **Select**.
- 2 Scroll to the desired message, then press **Select**.
- 3 Press **Options**, then press **Resend** (or **Edit** if the message was a saved draft).

From this point, you have several options, including:

- Select **Enter text** and continue working with the message.
- Scroll to **Add e-mail**, or **Add number**, or **Add list** to add additional recipients.
- Scroll to **Send**, then press **Select** to send the message.

10 Personalization



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

• LEARN ABOUT PROFILES



A **profile** refers to a group of settings you can use to customize the way your phone works. You can use the existing profiles or you can customize a profile to suit your own preferences. Some of the items you can customize are:


- Ringing options and vibrating alert
- Ringing tones and ringing volume
- Keypad and message alert tones
- Warning tones
- Screen saver and welcome note

Your phone comes with five profiles:

Normal (default setting), **Silent**, **Meeting**, **Outdoor**, and **Pager**.

• SELECT A DIFFERENT PROFILE

QUICK METHOD

- 1 Press the power key  briefly.
- 2 Scroll up or down to view the profile you want to use.
- 3 Press **OK** to select a profile.

USE PROFILES MENU

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

- 3 Press **Select** again to choose the highlighted profile.

• 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**.

The following sections describe each of the options you can customize.

Set ringing options

You can choose the way your phone rings to notify you of incoming calls. This setting does not affect text message alert tones.

- 1 From a profile's **Customize** menu, scroll to **Ringing options**, then press **Select**.
- 2 Scroll to one of the ringing options described below, then press **Select**.

Option	Description
Ring	The phone rings normally.
Ascending	Ringing volume begins softly, then increases in volume if the phone is not answered.
Ring once	The phone rings once to indicate an incoming call.

Option	Description
Beep once	The phone beeps once to indicate an incoming call.
Silent	The phone makes no sound.

Set a ringing tone

A **ringing tone** is the melody your phone plays when you receive a call. You can set the ringing tone to a specific sound effect, or to a melody to personalize how the phone rings. Your phone has two different types of ring tones. It can store 10 different MIDI tones and 20 different buzzer tones.



Important: The **Silent** or **Beep once** ringing option disables any melody you may chose. To hear a ringing tone while editing a profile, make sure one of the other ringing options is selected.

- 1 From a profile's **Customize** menu, scroll to **Ringing tone** and press **Select**.
- 2 Scroll through the options and listen. When you hear the ringing tone you want to use, press **Select**.

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.

Set ringing volume

You can set the default ringing volume for incoming voice calls and message alert tones. There are five different levels of volume.

- 1 From a profile's **Customize** menu, scroll to **Ringing volume** and press **Select**.
- 2 Scroll to an option and listen. When you hear the ringing volume you wish to use, press **Select**.

Set a vibrating alert

Your phone has the ability to vibrate, indicating an incoming call (in addition to playing a ringing tone). Enabling a vibrating alert while selecting the Silent ringing option causes your phone only to vibrate on incoming call.

- 1 From the selected profile's **Customize** menu, scroll to **Vibrating alert** and press **Select**.
- 2 Scroll to **On** and press **Select**.



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

Set message alert tone

Several message alert tone options are available to indicate incoming text messages.

- 1 From the selected profile's **Customize** menu, scroll to **Message alert tone** and press **Select**.
- 2 Scroll through the options and listen. When you hear the message alert tone you want to use, press **Select**.

Set keypad tones

Use the **Keypad tones** option to set the volume of the tones heard when pressing your phone's keys.

- 1 From the selected profile's **Customize** menu, scroll to **Keypad tones** and press **Select**.
- 2 Scroll to one of the levels and press **Select**.



Important: If you choose **Off**, no keypad tones are heard. The **Silent** profile automatically turns keypad tones off.

Set warning tones

You can customize the way your phone plays warning tones and the tones used for the games. **Warning tones** include the tones played when there is an error, during confirmations, when a battery is low, and when you need to recharge the battery.

- 1 From the selected profile's **Customize** menu, scroll to **Warning and game tones** and press **Select**.
- 2 Scroll to **On** and press **Select**.

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

Wallpaper

You can set your phone to display a background picture (wallpaper) on the Start screen. Wallpaper is only shown when the phone is in idle state. Some pictures are pre-saved in the graphics folder of the **Gallery** menu. You can also transfer images with PC Suite from your

PC and then save them in the **Gallery**. Your phone supports JPEG, GIF, TIFF, BMP, and PNG formats.

SELECT WALLPAPER

- 1 Press **Menu 4-4 (Settings > Display settings)**, then **Select Wallpaper**. After a brief pause, **On**, **Off**, and **Change image** appear in the display.
- 2 Select **Change image** from the list of options to activate wallpaper.
- 3 Use the scroll keys to browse the image gallery. When you arrive at the image of your choice, press **Options**, scroll to **Set as wallpaper**, and press **Select**.
- 4 If **Replace current wallpaper?** appears in the display, press **OK**. A message appears in the display confirming your selection.

ACTIVATE/DEACTIVATE WALLPAPER

- 1 Press **Menu 4-4 (Settings > Display settings)** and select **Wallpaper**. After a brief pause, **On**, **Off**, and **Change image** appear in the display.
- 2 Scroll to **On** or **Off** and press **Select**.

Color schemes

You can change the color of some display components in your phone, such as indicators and signal bars.

- 1 At the Start screen, press **Menu 4-4-2 (Settings > Display settings > Color schemes)**. After a brief pause, a list of color schemes appear in the display.
- 2 Scroll to the color scheme of your choice and press **Select**. A message appears in the display confirming your selection.

• SCREEN SAVER

This option allows you to use as a screen saver when your phone is in the idle mode. The screen saver will be a digital clock which indicates the current time saved in your phone clock, and it is displayed on half of the screen.



Note: Your phone enters idle mode only when no activity is taking place.

Customize screen saver

The screen saver can be customized by adjusting the **Timeout** and **Maximum time** settings.



Tip: To minimize impact on battery performance, use longer Timeout settings and/or shorter Maximum time settings.

ADJUST TIMEOUT SETTINGS

The Timeout setting allows you to determine how long the phone must be in idle mode before the screen saver is activated. The default timeout setting for screen saver is 2 minutes.

To adjust this setting:

- 1 Press **Menu 4 (Settings)**.
- 2 Scroll to **Display settings** and press **Select**.
- 3 Scroll to **Screen saver timeout** and press **Select**.
- 4 Select **2 minutes, 5 minutes** and **Other**. The minimum value for **Other** is 5 seconds and the maximum value is 60 minutes.

• GALLERY



You can save pictures and ringing tones to folders in the gallery, or create folders of your own and save them there. You can download images and tones via Nokia PC Suite.



Note: This feature uses shared memory. Please see ["Memory use" on page 12](#) for more information.



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.

Open the Gallery

- At the Start screen, press **Menu 5 (Gallery)**. After a brief pause, the submenus in the following table appear in the display.

Option	Function
View folders	Explore the folders in the gallery menu. See "View folders" in the following section for more info
Add folder	Add a folder of your own
Delete folder	Delete a folder you've created
Rename folder	Rename a folder you've created

View folders

- 1 At the Start screen, press **Menu 5-1 (Gallery > View folders)**, and then press **Select**. A list of folders appear in the display.
- 2 Scroll to a folder, such as **Graphics** or **Tones** and press **Open**.
- 3 Scroll through the list of graphics or tones, and press **Options**. Press **Select** to activate the option or to enter its submenu.

Option	Function
Open	Open the selected file; in the Tones folder, this option is named Play
Delete	Delete the selected file
Move	Move the file to another folder
Rename	Rename the selected file
Set as wallpaper/ Set as ring tone	Set the graphic as wallpaper. In the Tones folder, this option is Set as ringing tone ; the tone is applied to profile in use
Details	View details of the file, such as the name, time and date the file was created
Sort	Sort the files according to date, type, name, or size

• RENAME PROFILES

You can rename any of the profiles except **Normal**. You may want to use your own name for one of the profiles. When you select this profile, your name appears on the Start screen.

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



Note: You cannot rename the **Normal** profile.

Select and customize an accessory profile



Note: You must have an accessory (such as a loopset) attached to your phone prior to selecting the **Accessory settings** menu.

To select and customize profiles for use with the headset, handsfree device (carkit), and loopset:

- 1 Press **Menu 4-4 (Settings > Accessory settings)**.
- 2 Scroll to one of the following Accessory profiles and press **Select**.

- **Handsfree**
- **Headset**
- **Loopset**

IF YOU SELECTED HANDSFREE

The following options are available. Scroll to the option of your choice and press **Select** to enter the option's submenu and modify its settings.

- **Default profile** - Choose the profile you wish to be automatically activated when your phone is connected to a carkit.
- **Automatic answer** - Calls are answered automatically after 1 ring when connected to a car kit. Scroll to **On** or **Off** and press **Select**.

- **Lights** - Choose to keep the phone lights always on, or to shut off automatically after several seconds. Scroll to **On** or **Automatic** and press **Select**.

IF YOU SELECTED HEADSET

The **Default profile** and **Automatic answer** options are your available choices. Please refer to "**If you selected Handsfree**" for more information.

IF YOU SELECTED LOOPSET

The **Default profile** and **Automatic answer** options are available. Please refer to "**If you selected Handsfree**" for a description of these options. In addition, the following option is available:

- **Use loopset** - Enable use of the LPS-4 mobile inductive loopset. Scroll to **Yes** or **No** and press **Select**.

• DOWNLOAD A RINGING TONE

Your phone has predefined ringing tones and can store up to ten new ringing tones (sent from an Internet Web site as an SMS or created/downloaded using Nokia PC Suite). The predefined ringing tones include buzzer ringing tones and MIDI ringing tones.



Note: Buzzer tones can be sent via SMS, but MIDI tones cannot.

Play, save, or delete a ringing tone

Once your phone receives a new ringing tone, the phone displays the message **Ringling tone received**.

- 1 Press **Options**, then choose **Playback, Save, or Delete**.
- 2 Press **OK**.

If you chose to save the new ringing tone, it becomes part of the ringing tone list available to you when you customize a profile (see "**Customize a profile**" on page 43).

Use PC Composer

You can use Nokia PC Suite's PC Composer to create new ringing tones and send them to your phone via the DKU-5 Connectivity adapter cable (available as an accessory). For more information, please refer to the *Nokia PC Suite User Guide and PC/PDA Connectivity Guide*.

• SET THE DISPLAY LANGUAGE

You can set your phone to display information in different languages.

Your possible choices are English, French, Spanish and Russian.



Note: Some languages may vary due to regional differences. All of these languages may not be available in your phone.

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

• SET THE CLOCK

Your phone contains a real-time clock that can be set two different ways: the clock can use the time and date information provided by the wireless system, or it can be set manually.

The clock will display the current time and date on the Start screen. You can also choose to hide the clock if you prefer. Please see "Displaying or hiding the clock" on page 49."



Note: Your phone also has an alarm clock. See "Use the alarm clock" on page 69. for more information.

By default, the clock gets its information from the wireless network. If you wish to override the network clock, do the following:

Manually setting the clock

- 1 Press **Menu 4-3-1** (Settings > Time settings > Clock).
- 2 Scroll to **Set the time**, then press **Select**.
- 3 Enter the current time, then press **Select**. For example, to enter 7:30, enter 0730.
- 4 Scroll to **am** or **pm**, then press **Select**.

Selecting time format

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

Allowing the network to set the clock

- 1 Press **Menu 4-3-3** (Settings > Time settings > Auto-update of date & time).
- 2 Scroll to **On** (or **Confirm first**), then press **Select**.

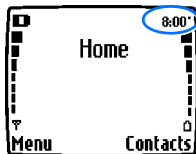


Important: If you use the **Auto update of date and time** option while outside your digital network, you may be prompted to enter your own time manually (see above). Network time will replace the time and date you set once you re-enter your digital network.



Note: If your battery has been removed or has drained outside the digital network, you may be prompted to enter your own time (once the battery is replaced/recharged, and you're still outside of the digital network).

Displaying or hiding the clock



- 1 Press **Menu 4-3-1** (Settings > Time settings > Clock).
- 2 Depending on the current settings, either **Hide clock** or **Show clock** is highlighted.
- 3 Press **Select**.

• CUSTOMIZE THE WELCOME SCREEN



You can set your phone to display a brief message each time you switch on your phone. The message can include your name or a reminder and can be up to 44 characters long.

Create a startup message

- 1 Press **Menu 4-2-3** (**Settings > Phone settings > Welcome note**).
- 2 Enter the text of the startup message (using traditional text entry).
- 3 Press **Options**, then select **Save**.

• LEARN ABOUT VOICE COMMANDS

The voice command feature provides handsfree operation of certain menu options and commands. Just like voice dialing, you must create a voice "tag" for the commands you want to use (please read "[Assign a voice tag to a phone number](#)" on page 57 for detailed information on voice tags).

The following is a list of menu options for use with voice commands:


Option	Description
Profiles	Used to switch between the available profiles (Normal , Silent , Meeting , Outdoor , and Pager)
Voice mailbox	Used to access your voice messages
Recorder	Used to start recording a memo
Call log	Used to access the Call log menu

Create a voice tag for a menu option



Important: Please see "[Important notes about voice tags](#)" on page 57 for more information on creating voice tags.

- 1 Press **Menu 8-2** (**Voice > Voice commands**).
- 2 Scroll to the menu option you wish to tag, then press **Select**.
- 3 Press **Options**, then select **Add command**.
- 4 Press **Start**. After the tone sounds, speak the voice tag clearly into the microphone.

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

Use a voice command



Warning! Do not use voice command in an emergency situation. In emergencies, stress causes changes in your voice, which may keep the phone from recognizing your voice command.

- 1 At the Start screen, press and hold **Names** for one to two seconds. A tone is heard and **Please speak now** is displayed.
- 2 After the tone, clearly speak the voice tag that you recorded previously into the microphone.

The only other option for initiating a voice command is to press the headset button momentarily at the Start screen. The alert tones plays through the headset.

Speak the voice tag into the headset microphone. The voice tag will playback through the headset to confirm your choice.

Work with voice tags

You can listen to an existing voice tag (in case you forgot what you recorded), re-record a voice tag, or delete an existing tag.

- 1 Press **Menu 8-2 (Voice > Voice commands)**.
- 2 Scroll to the menu option you wish to tag, then press **Select**.
- 3 Press **Options**, scroll to either **Playback, Change, or Delete**, and press **Select**.



Note: If you chose **Change**, press **Start** to record again. The new tag that is recorded replaces the old information.

11 Advanced features



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



Note: Some in-call options are network services features. Please contact your service provider for information and availability.

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

• VIEW IN-CALL OPTIONS

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

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

- 1 To access an option during a call, press **Options**.
- 2 Scroll to one of the following options, then press **Select**:

Option	Description
Mute/End mute	Used to disable or enable the microphone. If mute has already been selected, End mute is displayed. These options affect any accessories connected to the phone (headset, car kit).

Option	Description
New call	Used to initiate a new call while in a call (call-waiting and three-way calling)
End all calls	Used to end all active calls (call-waiting or three-way calling)
Touch tones	Used to manually enter a touch tone string (series of tones) or search for a string in your phone
Names	Used to view phone book. Press Back to close phone book and return to call.
Menu	Used to display main menu

• USE CALL FORWARDING

When you use **call forwarding**, your network redirects incoming calls to another phone number. Using this feature helps to prevent missing important phone calls.



Important: Call forwarding is a network-dependent feature and may not work the same in all networks. Contact your service provider for availability and for your network's feature codes.

Learn about call forwarding feature codes

Your network requires separate codes for activating and cancelling the various types of call forwarding. Your service provider can provide you with the necessary feature codes for these network services.

Once you store these feature codes in your phone, they are sent automatically to the network when you select one of the call forwarding options from your phone's menu.

Your phone can store the following types of feature codes:

Feature code type	Description
Forward all calls	Forwards all incoming calls to the number you specify
Forward if busy	Forward incoming calls when you're in a call
Forward if not answered	Forwards incoming calls to another number when you are unable to answer
Forward if out of reach	Forwards incoming calls to another number when you're out of the network or when the phone is switched off
Forward all data calls	Forwards all incoming data calls to the number you specify
Cancel all call forwarding	Cancels any and all call forwarding options you may have set

Store a feature code

- 1 Press **Menu 4-7-5 (Settings > Network services > Network feature setting)**. The **Feature code** field appears after a few seconds.
- 2 Enter the feature code your service provider gave you (example *90 for activating **Forward if busy**), then press **OK**.
- 3 Press **Select** when **Call forwarding** is displayed.
- 4 Scroll to the type of forwarding that matches the feature code you entered (example: **Forward if busy**), then press **Select**.
- 5 Select **Activate**.

The Activate feature code is now stored in your phone, and you are returned to the **Feature code** field.

Continue entering other feature codes (example *900 to cancel **Forward if busy**), or press the **End key** to return to the Start screen.



Important: Once you enter a network feature code successfully the feature becomes visible in the **Network services** menu.

Activate/cancel call forwarding

After you store the correct feature codes, you can activate (or cancel) call forwarding as follows:

- 1 Press **Menu 4-7-2 (Settings > Network services > Call forwarding)**.
- 2 Scroll to the desired call forwarding option, then press **Select**.
- 3 Highlight **Activate** and press **Select**.

- 4 Enter the number to which you want your calls forwarded (or press **Search** to recall a number from the phone book), and press **OK**.
- 5 Your phone calls the network to activate (or cancel) the feature you've requested. The network sends a confirmation note when the feature has been activated (or cancelled) successfully.

• USE CALL WAITING

This network service lets you receive an incoming call when you're already in a call. When you receive an incoming call, your phone displays the caller's phone number (or the caller's entry in your phone book). The phone also beeps, notifying you of the incoming call.

Answering a waiting call

Press the **Send key** (or press **Answer**) to place the current active call on hold automatically and answer the new call.

Switch between the two calls

Accepting the waiting call puts the your first caller on hold. To put the second caller on hold and reconnect with the first caller, press the **Send key**.

End the active call

To end the active call, simply allow the other party to hang up; the call on hold then becomes the active call. OR:

- 1 Press the **End key** to terminate the active call.
- 2 The network redials your phone with the call on hold. Answer this as you would any normal incoming call.

• MAKE A CONFERENCE CALL

This feature allows you to talk to two people at the same time. Conference calling is a network-dependent feature.



Note: Check with your service provider to make sure this service is available in your network.

- 1 Make a call to the first participant as usual. When you're ready to place a call to the next party,
- 2 Press **Options**, then press **New call**.
- 3 Enter the number and press the **Send key** (or press **Search** to recall the number from the phone book).
- 4 Press the **Send key** again to connect both parties.
- 5 To end the call, press the **End key**. This action disconnects both parties.

End calls

To end a conference call (disconnect with all callers), press the **End key**. Or you can also press **Options**, then select **End all calls**.

Disconnect second party

While all three parties are connected, pressing the **Send key** disconnects the second caller, keeping the first party's call active.

Disconnect first party

If you wish to disconnect with the first party and remain connected to the second party, have the first party terminate the call on his/her end.

• SEND OWN CALLER ID WHEN CALLING

This feature allows you to block caller ID when you call someone (your number will not be displayed on their caller ID). This feature may only be effective when calling a number equipped with caller ID.



Note: This feature is available only when supported by the wireless network and may not function if you are roaming.



Important: This feature works on a call-by-call basis. You must enable this feature each time you want to block the sending of your own number to the recipient's caller ID.

Store the feature codes

Before you can use the **Send own caller ID when calling** feature, you must store the feature codes for activating this feature. Once the code is stored in your phone, it is sent automatically to the network when you select this option from your phone's menu.

- 1 Press **Menu 4-7-5 (Settings > Network services > Network feature setting)**. The **Feature code** field appears after a few seconds.
- 2 Enter the feature code your service provider gave you (example *67 for activating **Send own caller ID when calling**), then press **OK**.
- 3 Select **No** to assign the activation code.

Place a call without sending your number

- 1 Press **Menu 4-7-4 (Settings > Network services > Send own caller ID when calling)**.
- 2 Scroll to **No**, then press **Select**.
- 3 Enter the desired phone number, then press **OK** (or press **Search** to recall a phone number from the phone book).

The phone automatically inserts the feature code into the dialing string and dials the phone number. The person you're calling cannot see your phone number on their caller ID.

• USE AUTOMATIC REDIAL

There are times when you may not be able to place a call (example: due to the high volume of traffic on the wireless network). When the wireless network is busy or unavailable, **Automatic redial** instructs your phone to retry the call.

ACTIVATE AUTOMATIC REDIAL

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

If the system is busy, your phone makes three additional call attempts. If you want to stop the automatic redial process before the last attempt, press the **End** key.



Important: This feature does not automatically retry a number when the number you are calling is busy.

• CALLING CARD

If you wish to use a calling card for long distance calls, you must first save your calling card information into your phone. Your phone is equipped to handle up to four calling cards.

Saving calling card information

- 1 Press **Menu 4-1-7** (**Settings** > **Call settings** > **Calling card**).
- 2 Enter your security code, then press **OK**.
- 3 Scroll to one of the four memory locations, then press **Options**.
- 4 Scroll to **Edit**, then press **OK**.
- 5 Select **Dialing sequence**. Scroll to one of the three sequence types as described in the following table, then press **Select**.

Dialing sequence	Use for cards that require you to:
Access number + phone number + card number	Dial 1-800 access number, then phone number, then card number (+ PIN if required)
Access number + card number + phone number	Dial 1-800 access number, then card number (+ PIN if required), then phone number

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

- 6 Enter the required information (access number or prefix and card number). Press **OK** to confirm your entries.
- 7 Press **OK** to save your changes.
- 8 Scroll to **Card name**, then press **Select**. Enter the card name, then press **OK**.



Note: This procedure might not work with all calling cards. Please look at the back of your calling card or contact your long distance company for more information.

Choosing a calling card to use

Use **Menu 4-1-7** (**Settings** > **Call settings** > **Calling card**) to select a calling card to use. You will be required to enter your security code.

Making calling card calls

After you have saved your calling card information in your phone, you can make a call using your calling card.

- 1 Enter the phone number, including any prefix (such as **0** or **1**) that your calling card may require when you make a calling card call. See your calling card for instructions.

- 2 Press and hold the **Send key** for a few seconds until your phone displays **Card call**.
- 3 Your phone displays **Wait for tone, then press OK**. When you hear the tone or system message, press **OK**.
- 4 Your phone displays **Wait for tone, press OK again**. When you hear the tone or system message, press **OK**.

• VOICE DIALING

You can dial up to 25 of your phone book's stored numbers using the voice dialing feature. Before you can place a call using voice dialing, you must first assign a voice tag to the number. 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 contacts are not accepted. Use long contacts and avoid similar contacts for different numbers.



Important: 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.

Assign a voice tag to a phone number


You must record a voice tag (up to two seconds) for a phone number before you can use the voice dialing feature to dial it.

ADD A VOICE TAG TO A PHONE BOOK ENTRY

- 1 At the Start screen, press **Contacts**. Select **Search**, then scroll to the desired phone book entry, and press **Details**.
- 2 Scroll to the phone number you want to tag and press **Options**.
- 3 Scroll to **Add voice tag** and press **Select**. (The phone displays **Press Start, then speak after the tone**).
- 4 Press **Start** and after the tone, speak the voice tag clearly into the phone's microphone.



Note: Your phone informs you if recording is not successful. Press **OK** to try again or **Back** to return to phone book.

The message **Voice tag saved** is displayed upon completion of the recording process. The  icon next to a phone number denotes that a voice tag exists for this number.

IMPORTANT NOTES ABOUT VOICE TAGS

- The recording process stops automatically; pressing **Quit** aborts the recording attempt.
- Voice tags are sensitive to background noise. Record tags or use voice dialing in a quiet environment.

- Unique tags are recognized more accurately. Consider using first and last name or first name, last name, and number type (for example, mobile, home, work, etc.) when tagging a number. For example, "John Smith, work."
- Avoid pauses or silence as you record the voice tag.
- If the voice tag memory is full, the phone displays **Delete an existing voice tag?** Press **OK**, scroll to locate a tag to delete, then press **Delete**.
- Deleting a phone number deletes any associated voice tags.



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

Dialing a number using voice dialing



Note: You must say the name exactly as you said it when you recorded it.

- 1 At the Start screen, press and hold **Names** for two seconds. A tone is heard and **Please speak now** is displayed.
- 2 After the tone, clearly speak the voice tag that you recorded previously into the microphone.



Note: If the voice tag is not recognized by the phone (or if you fail to speak a tag within three seconds after the tone), the message **No match found** is displayed, and you are returned to the Start screen.

- 3 When the voice tag is recognized:

- the phone book entry will be displayed on the screen for three seconds AND
- the voice tag is replayed (via the ear piece).

After three seconds, the number is dialed.

The only other option for initiating voice dialing is to press the headset button momentarily at the Start screen. The alert tones play through the headset.

Speak the voice tag into the headset microphone. The voice tag will playback through the headset to confirm your choice.

Work with voice tags

You can listen to an existing voice tag (in case you forgot what you recorded), rerecord a voice tag, or delete an existing tag.

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

Scroll to **Voice tags**, then press **Select**.



Note: This option displays a list of only those contacts/numbers that have been assigned a voice tag.

- 2 Scroll to the phone number whose voice tag you want to edit, then press **Options**.

- 3 Scroll to either **Playback**, **Change**, or **Delete**, and press **Select**.



Note: If you chose **Change**, press **Start** to begin rerecording. The new tag that is recorded replaces the old information.

• 1-TOUCH DIALING

When a phone number is assigned to one of the 1-touch dialing locations (2 - 9), you can call the phone number in either of the following ways:

- Press the number key that corresponds to a 1-touch dialing location and press the **Send key**.
- Press and hold the number key that corresponds to a 1-touch dialing location until the call is initiated.



Note: 1 is preassigned to dial your voice mailbox number and cannot be reassigned.

Set up 1-touch dialing

If you want to assign a number to one of the number keys (2-9), do the following:

- 1 Press **Names**.
- 2 Scroll to **1-touch dialing** and press **Select**.
- 3 Scroll to the desired number key (keys **2** through **9**), and press **Assign**.



Note: If a phone number is already assigned to a key, the phone book entry name is displayed and the left selection key is **Options**.

- 4 Enter the phone number manually, or press **Search** to locate a phone book entry.
- 5 Select the desired name or entry from the phone book. If more than one number is stored for that entry, scroll to the desired number and press **Select**.

1-touch dialing options

You can change or delete (clear) numbers assigned to 1-touch dialing or view the number assigned to a key from the 1-touch dialing menu.

- 1 Press **Names**.
- 2 Scroll to **1-touch dialing** and press **Select**.
- 3 Scroll to a key that is assigned a number, then press **Options**.
- 4 Scroll to either **View number**, **Change**, or **Delete**, then press **Select**.

• LEARN ABOUT CALLER GROUPS

You can group phone book entries using one of the existing categories (**Family**, **VIP**, **Friends**, **Business**, and **Other**). Each group has its own unique ringing tone and logo.

When you receive a call from a number assigned to a caller group, the ringing tone for that caller group is used, and the caller group's logo is displayed on the screen. This feature can help you identify incoming calls more quickly.

ADD A NUMBER TO A CALLER GROUP

- 1 At the Start screen, press the scroll key up or down. Scroll to the desired phone book entry, and press **Details**.
- 2 Scroll to the phone number you want to use and press **Options**.
- 3 Scroll to **Caller groups**, and press **Select**.
- 4 Scroll to the desired caller group (for example **Friends**), and press **Assign**.

SELECT A RINGING TONE AND GRAPHIC FOR A CALLER GROUP

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

Option	Description
Rename group	Used to rename the selected caller group
Group ringing tone	Used to select a ringing tone for this group. Scroll through list of ringing tones, then press OK
Group logo	Used to view, activate or deactivate group logo
Group members	Used to assign other phone book entries to the selected caller group

• USE TOUCH TONES



Warning: If you send touch tones while in analog mode, be careful not to send confidential information. Check your phone's display for the **D** icon, indicating the presence of a digital network.

Touch tones (sometimes known as DTMF tones) are those tones produced when you press the keys on your phone's keypad. You can use touch tones for

many automated dial-up services such as banking and airlines, or for entering your voice mailbox number and password.

Touch tones are sent during an active call. You can send them manually from your phone's keypad, or send them automatically by saving them in your phone.

Set manual touch tone options

You may need to customize how your phone sends the touch tones for optimum performance with the system you're calling.

SET TOUCH TONE TYPE

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

Option	Description
Continuous	Tone sounds for as long as you press and hold a key
Fixed	Used to send tones of the duration you specify in the Touch tone length option.
Off	Used to turn off tones. No tones are sent when you press a key.

SET FIXED TOUCH TONE LENGTH

You can also specify touch tone length when using the **Fixed** option.

- 1 Press **Menu 4-2-2-2 (Settings > Phone settings > Touch tones > Touch tone length)**.
- 2 Scroll to **Short** (0.1 seconds) or **Long** (0.5 seconds), then press **Select**.

Send touch tone string manually

Before you begin, make sure that **Manual touch tones** is not set to **Off**.

- 1 During a call to the automated service, press **Options**, scroll to **Touch tones** and press **Select**.
- 2 Enter the touch tone string from your phone's keypad as required by the service you're calling, then press **Tones**.

Send touch tone string from phone book

You can save a touch tone string as a separate phone book entry, then recall and send the string using the in-call menu option **Touch tones**.

SAVE TOUCH TONES AS A PHONE BOOK ENTRY

Save the touch tone string (including any pause or wait characters that may be required) to a new entry in the phone book. For more information on saving contacts and number to your phone book see ["Saving contacts and numbers"](#) on page 24.

RECALL TOUCH TONE STRING FROM THE PHONE BOOK

- 1 During a call to the automated service, press **Options**, scroll to **Touch tones** and press **Select**.
- 2 Press **Search**, scroll to the touch tone string entry in your phone book, then press **OK**.
- 3 Press **Tones** to send the touch tones.

Store touch tone string with phone number

You can store touch tone strings (for example: voice mailbox number and PIN code) as a part of a phone book entry. Once the string is stored, it is sent automatically (instead of entering the touch tones from the keypad).

- 1 Enter the phone number of the automated service.
- 2 Use the ***/+** key to enter a **w** or **p** after the number.
 - **w** (wait) - The phone waits for you to press **Send**. When you press **Send**, the phone sends the touch tone string you've saved.
 - **p** (pause) - The phone pauses for 2.5 seconds, then automatically sends the touch tone string you've saved.
- 3 Enter the touch tone string after the **w** or **p** characters as required by the service.
 Example: 214-555-1234w1234#p5678#
- 4 Save this phone book entry as you normally would.

Once the touch tone string is stored with the phone number, you can now call the number and have the touch tone strings sent automatically.

• LINK PHONE BOOK ENTRIES

This feature allows you to store a phone number in one phone book location and link it to another phone book entry.

For example, linking the phone number of an automated service (example: automated banking service) with a touch tone string entry in your phone book (example: account and PIN numbers) automatically recalls and sends the touch tone string when you call the service.

USE LINKING OPTIONS

- 1 Store the touch tone string into your phone book.
- 2 Assign the phone book entry with the touch tones to a 1-touch dialing location (example: location 3). For more information on 1-touch dialing, see "1-touch dialing" on page 59.
- 3 Edit the automated service's phone number by adding +n to the end of the phone number (where n is the 1-touch dialing location).

Example: 214-555-1234+3

- 4 Press **OK** to save your changes.
- 5 Dial the automated service's number from your phone book. Your phone automatically sends the touch tones when the call connects.



Important: You may need to enter a pause (p) before the + in order to account for delays in the automated system answering your call (example: 214-555-1234p+3).

• LEARN ABOUT VOICE RECORDER

Recorder allows you record audio memos and store them in your phone. Use this feature to record things like phone numbers and personal memos.

Total time available for all memos is one minute (up to 60 seconds).

The maximum number and length of remaining memos depends on how much memory is still available. A countdown timer is displayed while recording and shows remaining record time.

Record a memo

- 1 Press **Menu 8-3-1 (Voice > Voice recorder > Record)**.
- 2 After the tone, begin recording your memo.
- 3 When you finish recording, press **Stop**.
- 4 Enter the subject of the voice memo, then press **OK**.

NOTES

- Pressing **Back** instead of entering a subject discards the memo without saving.
- Pressing **OK** without entering a subject assigns the default name (**Recording**) to the memo.

Work with recorded memos

To view a list of recorded memos:

- 1 Press **Menu 8-3-2 (Voice > Voice recorder > Recordings list)**.
- 2 Scroll through the list of memos, then press **Options**.

The following options are available:

Option	Description
Playback	Plays back the selected message through the earpiece (phone or headset).
Edit title	Used to edit the memo's subject, or to rename memo.
Delete	Deletes selected voice memo.
Add alarm/ Alarm	Used to add (edit, or remove) a reminder alarm for the memo.

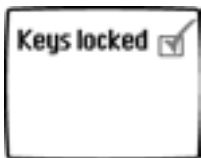
Notes about voice recorder

- An incoming call interrupts voice memo playback. When call is complete, the phone returns to the **Options** menu for the selected voice memo.
- An incoming call stops voice memo recording. The recorded memo is automatically saved with the default name.
- You can enter numbers from the keypad during memo playback (example: when voice memo contains a phone number). Pressing the **Send key** interrupts voice memo playback and places the call.

12 Security and System settings



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



Your phone has a variety of security features that help prevent some of the following:

- Placing accidental or unintentional calls.
- Unauthorized use of your phone.
- Placing and accepting calls from certain phone numbers
- Accidental erasing of information or restoring factory settings.


• LOCK KEYPAD (KEYGUARD)

With keypad lock (Keyguard) you can temporarily lock your phone's keypad and prevent the accidental placing of calls or pressing of the keypad (for example, when the phone is in your pocket or in your purse).

Activate/deactivate Keyguard

Press **Menu** followed by ***/+** (within three seconds) to activate Keyguard. It is possible to answer a call, even though Keyguard is activated. Press the **Send key** to answer the call. When the call has ended, the keypad remains locked.



Important:  appears at the top of the display. The left softkey is also labeled **Unlock**.

UNLOCK KEYPAD

Press **Unlock** followed by ***/+** (within three seconds) to deactivate Keyguard and unlock your phone's keypad.



Important: 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).

• SECURITY CODE

Your phone prompts you for a five-digit **security code** for certain features and commands. Access is granted only after the correct security code has been entered successfully.

Your phone's default security code is **12345**. It's recommended that you change this code at once, write it down, and store it in a safe place away from your phone.



Important: When entering your security code, ********* is displayed on the screen to keep others from viewing your code.

Correct entry errors


You can delete the last entered digit by pressing **Clear** (or by pressing and holding **Clear** to delete all the digits more quickly). Enter the correct code or press **Back** to exit. If you enter an incorrect security

code (**Code error** will appear) five times in a row, your phone won't accept any entries for the next five minutes.

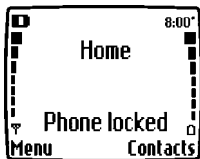
Change your security code

- 1 Press **Menu 4-6-2-4** (**Settings > Security settings > Access codes > Change security code**) and press **Select**.
- 2 Enter existing (or default) security code and press **OK**.
- 3 Enter new five-digit security code and press **OK**.
- 4 Reenter your new five-digit security code for verification, then press **OK**.

Your phone displays the confirmation message **Security code changed**.


 **Important:** If you change your security code and don't remember the new code, contact your service provider. Once you change your security code, the default code is no longer valid.


• PHONE LOCK



This feature protects your phone from unauthorized outgoing calls or unauthorized access to information stored in the phone. When phone lock is activated, **Phone locked** is displayed each time you turn your phone on or off.

After pressing either **Names** or **Menu**, you must enter your lock code. Once your lock code has been accepted, your phone will function normally.

 **Important: Call not allowed** is displayed if you attempt to place a call while phone is locked.

 **Important:** 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).


Learn about the lock code

In addition to a security code, your phone also has a **lock code**. You'll need the lock code to activate and deactivate the phone lock feature, or to change your lock code.

The default lock code is **0000**. If you enter an incorrect lock code five times in a row, your phone will prompt you for the security code (see page 64).

CHANGE YOUR LOCK CODE

- 1 Enter **Menu 4-6-2-3** (**Settings > Security settings > Access codes > Change lock code**) and press **Select**.
- 2 Enter current (or default) lock code and press **OK**.
- 3 Enter new lock code and press **OK**.
- 4 Reenter new lock code for verification, then press **OK**.

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

Activating and deactivating phone lock

- 1 Press **Menu 4-6-2-1** (**Settings** > **Security settings** > **Access codes** > **Phone lock**).
- 2 Enter the lock code, then press **OK**.
- 3 Scroll to **On** or **Off**, then press **Select**.
- 4 Turn your phone off and back on to complete the phone lock activation (or deactivation).

Answer a call with phone lock on

Press the **Send key** or **Answer**.

Allowed number when phone locked

When phone lock is on, the only outgoing calls that can be made are to the following numbers:

- The emergency number programmed into your phone (for example: 911 or other official emergency number).
- The number stored in the **Allowed number when phone locked** location.

Store the unlocked phone number

- 1 Press **Menu 4-6-2-2** (**Settings** > **Security settings** > **Access codes** > **Allowed number when phone locked**).
- 2 Enter lock code and press **OK**.
- 3 Enter phone number (or press **Search** and recall the number from the phone book), then press **Select**.

Calling the allowed phone number

At the Start screen, scroll up or down. The number is displayed. Press the **Send key** to place the call.



Important: Phone lock must be activated to use this feature.

• CALL RESTRICTIONS

This feature allows you to restrict incoming and outgoing calls. You can restrict all calls or create a custom list of numbers to restrict.

Learn about restriction options

When you select either **Restrict outgoing calls** or **Restrict incoming calls** from the **Security settings** options, your options are:

- **Select** - Used to display a list of all available restricted numbers. Select those numbers you want to restrict from this screen.
- **Add restriction** - Used to create your own list of restricted numbers

Once you have added at least one restriction to either the outgoing or incoming calls list, the following options become visible:

- **Edit** - Used to edit an existing outgoing call restriction
- **Delete** - Used to delete call restrictions from the list



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

Adding a call restriction

You can add up to 10 restrictions for outgoing calls and 15 restrictions for incoming calls. The maximum number of characters you can enter for each restriction is 15.

- 1 Press **Menu 4-6-1 (Settings > Security settings > Call restrictions)**.
- 2 Enter the security code and press **OK**.
- 3 Select either **Restrict outgoing calls** or **Restrict incoming calls**.
- 4 Scroll to **Add restriction** and press **Select**.
- 5 Enter the number string you wish to restrict and press **OK**. For example:
 - If you wish to restrict all calls that begin with 1, enter 1.
 - If you wish to restrict all calls that begin with 1972, enter 1972.
 - If you wish to restrict all calls that begin with 214, enter 214.
- 6 Enter a name to identify this restriction, or just press **OK**.



Note: When creating a new restriction, that restriction is automatically selected (enabled) at the time it is saved.

Select call restrictions

- 1 Press **Menu 4-6-1 (Settings > Security settings > Call restrictions)**.
- 2 Enter your security code and press **OK**.
- 3 Scroll to **Restrict outgoing calls** or **Restrict incoming calls** and press **Select**. Then, scroll to **Select** and press **Select**.
- 4 Scroll to each restriction you wish to use and press **Mark**; press **Unmark** to deactivate existing restrictions.

- 5 Press **Done**, then press **Yes** to save the changes you've made.

Edit call restrictions

You can edit the name or number of an entry in the call restrictions list.

- 1 Press **Menu 4-6-1 (Settings > Security settings > Call restrictions)**.
- 2 Enter your security code and press **OK**.
- 3 Scroll to **Restrict outgoing calls** or **Restrict incoming calls** and press **Select**.
- 4 Scroll to **Edit** and press **Select**.
- 5 Scroll to the restriction you wish to edit, then press **Select**.



Note: If no name has been entered for a restriction, the restricted number will be displayed.

- 6 Edit the number (as needed), then press **OK**.
- 7 Edit name (as needed), then press **OK**.

Erasing call restrictions

You may want to delete a restriction that is no longer needed.

- 1 Press **Menu 4-6-1 (Settings - Security settings - Call restrictions)**.
- 2 Enter your security code and press **OK**.
- 3 Scroll to **Restrict outgoing calls** or **Restrict incoming calls** and press **Select**.
- 4 Scroll to **Delete** and press **Select**.
- 5 Scroll to the restriction you wish to delete, then press **OK**.
- 6 Press **OK** again to delete restriction.

• AUTOMATIC UPDATE OF SERVICE

Your phone is capable of receiving updates to wireless services sent to your phone by your service provider. Use **Menu 4-1-5 (Settings > Call settings > Auto-update of service)** to turn this feature on or off.

• LEARN ABOUT SYSTEM SELECTION

The **System** menu (Menu 6) allows you to customize the way your phone chooses a system in which to operate while you are within or outside of your primary or home system.

Your phone is set to search for the most cost-effective system. If your phone can't find a preferred system, it selects a system automatically based on the option you choose in the **System** menu.



Important: Before selecting an item in the **System** menu, contact your service provider to find out how your selection will affect your service charges.

View Roaming options


The menu options you see in your phone are based on your service provider's network. Their network determines which options actually appear in the phone's menu. The following is a description of the options that may appear in your phone:

Option	Description
Home only	You can make and receive calls in your home area only. While roaming, No Service appears and you cannot make or receive calls.
Automatic	Your phone automatically selects the best available system.

13 Organizer

Your phone has a calendar, alarm clock, stopwatch, and contact database—everything you need in an organizer or personal digital assistant.

• USE THE ALARM CLOCK

Your phone's alarm clock can be set to sound an alarm at a time you specify. The alarm clock uses the clock's time format (12-hour or 24-hour format). The  icon, displayed on the Start screen, indicates that an alarm is set. The alarm clock will work, regardless if the phone is on or off.



Important: The alarm clock works in conjunction with your phone's clock. Make sure your phone's time and date are correct before using this feature.

Set the alarm

- 1 Press **Menu 10-1 (Organizer > Alarm clock)**, then press **Select**.
- 2 Enter the alarm time, then press **OK**.
- 3 Select **am** or **pm**, then press **OK**.

Respond to an alarm

At the time of the alarm, the phone sounds an alert tone, displays an animated message, and flashes its lights.

Pressing **Stop** or the **End** key stops the alarm from sounding, and returns you to the Start screen.

SNOOZING

There are several ways you can enable the **Snooze** feature:

- 1 Press the **Snooze** selection key.
- 2 Press any key (except the **End** key).
- 3 Allow the alarm to sound for one minute.

Once snooze is enabled, the alarm will sound again in ten minutes.

Alarm when phone power is 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.



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

Alarm clock notes

- The alarm clock's volume is determined by the phone's current volume and tone settings.
- If you have selected the **Silent** or **Beep once** ringing tone, the alarm clock beeps once.

• CALENDAR



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

You can use your phone's calendar to record "notes" to remind you of appointments such as meetings, phone calls, birthdays, or general reminders. Alarms can also be set to notify you of your appointments or notes.

You can also use the DKU-5 Connectivity adapter cable in conjunction with Nokia PC Suite to synchronize your PIM application's calendar with your phone's calendar, keeping you up-to-date when you're away from your office or PC.

Calendar Options menu

The calendar's Options menu displays a list of calendar options: **View day**, **Make a note**, **Go to date**, and the calendar's **Settings** menu.

Learn about Calendar views

WEEK LIST



From the **Organizer** menu, scroll to **Calendar**, and press **Select**. Use the week list to view your calendar four weeks at a glance.

When you view the calendar, notice that today's date is highlighted. Use the four-way scroll keys to move to a different date.



Tip: Your phone supports four-way scrolling in the calendar week list:

Day view

From the week list, scroll to the desired day. Press **Options**, then select **View day**. The day view allows you to scroll through the notes made for the selected day.

The **Options** list for day view includes:

- **View** the highlighted note.
- **Delete**, **Edit**, **Move**, or **Repeat** the highlighted note (every week, every 2 weeks, every month).
- **Make a note** - used to create a new note for the selected day
- **Go to date** - used to jump to a specific date
- **Copy** - allows you to copy the note to another day
- **Send note** - provides various options for sending the current note (via SMS. Please check for available in your network)
- **Settings** - allows you to set the date, time, date format, time format and week format for the calendar. The **Auto delete** setting allows you to delete old notes after a specified period of time. However, repeat notes (for example, birthday or anniversary notes) will not be deleted.

NOTE VIEW

From the day view, scroll to the desired note. Press **Options**, scroll to **View** and press **Select**. The details of the selected note are displayed.

The **Options** list for note view include:

- **Delete**, **Edit**, **Move**, or **Repeat** the current note (every week, every 2 weeks, every month).

- **Make a note** – used to create a new note for the selected day
- **Go to date** is used to jump to a specific date.
- **Copy** – allows you to copy the note to another day.
- **Send note** – provides various options for sending the current note (via SMS, or as an SMS text message. Please check for available in your network).
- **Settings** – allows you to set the date, time, date format, time format and week format for the calendar. The **Auto delete** setting allows you to delete old notes after a specified period of time. However, repeat notes (for example, birthday or anniversary notes) will not be deleted.


Add a calendar note



Note: Predictive text input is available for Calendar notes.

- 1 From the day list view, scroll to the desired day and press **Options**.
- 2 Select **Make a note**.
- 3 Scroll to one of the following note types and press **Select**.
 - **Meeting** – Enter the note (or press **Search** to recall a name from the phone book) and press **OK**. Enter the time and press **Options**.
 - **Call** – Enter the desired phone number (or press **Options** then **Search** to recall it from phone book) and press **OK**. Enter the time and press **OK**.
 - **Birthday** – Enter the person's name (or press **Options** then **Search** to recall it from phone book) and press **OK**. Press **Options** then **Save** and enter year of birth. Press **OK**.

- **Memo** – Enter the note. Press **Options** then **Save**. Enter a date for the memo, then press **OK**.
 - **Reminder** – Enter the note. Press **Options** then **Save**. Select an alarm option (**Alarm on**, **Alarm off**).
- 4 Scroll to the desired alarm option, then press **Select**.

The presence of an alarm is indicated by  when you view the notes.

WHEN THE ALARM SOUNDS FOR A NOTE

The phone flashes its lights, beeps, and displays the note. When a **Call** note is displayed, you can call the number by pressing the **Send key**.

To stop the alarm, press **Exit** or the **End key**.

• CALCULATOR

You can use your phone's calculator to add, subtract, multiply or divide numbers and convert currencies.



Warning! 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.

Use the calculator

- 1 From the **Organizer** menu, scroll to **Calculator**, and press **Select**.
- 2 Enter the first number in the calculation (press # for decimal point).
- 3 To add, press ***/+** once (+ appears); to subtract, press ***/+** twice (-); to multiply, press ***/+** three times (*); to divide, press ***/+** four times (/).

- You can also press **Options**, scroll to **Add, Subtract, Multiply, Divide, Square**, or **Square root**, and press **Select**.
- Enter the second number. Repeat steps three and four as many times as necessary.



Note: A subtotal is shown after you enter the next operant (+, -, *, or /).

- For a total, press **Options** twice.
- To start a new calculation, press and hold **Clear** for two seconds.



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

• STOPWATCH

You can use your phone's **Stopwatch** feature to time an event in hours, minutes and seconds. The event's time can be saved, viewed, or deleted.



Warning! 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.



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

Time an event using split timing

The split time function allows you to measure the total time for an event, yet allows you to capture the elapsed time at various intervals. To measure split time:

- From the **Organizer** menu, scroll to **Stopwatch** and press **Select**.
- Scroll to **Split timing**, then press **Select**.
- Press **Start**. The running time appears on the display.

Once the split timer has started, you can:

- Press **Split**. The split time is displayed and the timer continues to display elapsed time.
- Press **Stop** to stop the timer and view the total elapsed time.

If you continue pressing **Split**, the most recent split time appears at the top of the list of split times. You can scroll to review previous times.

View timing options

Once you have stopped timing an event (using lap or split), you have the option to save the information, reset the stopwatch, or continue timing (split timing only).

While stopwatch is running, press **Stop**, then press **Options**. **Select one of the following:**

- Save** - used to save the current timing data. Enter a name, then press **OK**.
- Reset** - clears the current timing data and resets the timer.
- Start** - restarts the split timer from the point the timer was stopped.

Time an event using lap timing

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

- 1 From the **Organizer** menu, scroll to **Stopwatch** and press Select.
- 2 Scroll to **Lap timing**, then press **Select**.
- 3 Press **Start**. The running time appears on the display.

Once the lap timer has started, you can:

- Press **Stop** to stop the timer and view the elapsed time.
- Press **Lap**. The lap time is displayed and the timer restarts from zero.

If you continue pressing **Lap**, the most recent lap time appears at the top of the list of lap times. You can scroll to review previous times.

Press **Stop** to stop the timer. The final lap's time is displayed.

Choose other stopwatch options

You can choose the following options from the **Stopwatch** menu.

Option	Description
Continue	Used to re-display active timer (example: if you receive a call while the timer is still running).
Show last time	Allows you to view the last measured time.
View times	Allows you to view the list of saved times.
Delete times	Allows you to delete the saved times. You can delete the saved times one by one or all at once.



Note: If you receive a call while using the Stopwatch, the timer continues running in the background. After ending the call, you can redisplay the timer by doing the following:

- 1 Press **Menu 10-4-1 (Organizer > Stopwatch > Continue)**.
- 2 Press **Select**.

14 Applications



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



This menu allows the management of Java™ applications installed on your phone or downloaded from your PC using Nokia PC Suite.



Note: This feature shares memory space with other features. For more information, see "Memory use" on page 12.

• LAUNCHING AN APPLICATION

- 1 Press **Menu 11-1 (Applications – Select app.)** and scroll to an application (name depends on the application) and press **Options**.
- 2 Scroll to **Open** and press **Select**. If the selection is a single application it will launch. Otherwise, a list of applications is displayed corresponding to the selected application set. Scroll to the desired application and press **Select**. The application launches.



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

• OTHER OPTIONS AVAILABLE FOR APPLICATIONS

- **Delete** – to delete the application or application set from the phone.
- **Check version** – to check if a new version of the application is available for download from the mobile Internet services.
- **Details** – to give additional information about the application.



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

• DOWNLOAD A NEW APPLICATION

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



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

Check memory status

Allows you to view memory available for Applications

- 1 Press **Menu 11-2 (Applications - Memory)**.
- 2 You will see the amount of **Free memory** and the **Used memory**. This will vary according to the number of applications you have installed.



Note: This feature utilizes shared memory. For a detailed explanation on memory, see ["Memory use"](#) on page 12.

15 Games



Warning! 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.



You can use your phone not only for communication but also for some serious fun. Your phone offers games which you can play.

Game control

Your phone supports four-way scrolling. While playing the games, use the scroll key to move up, down, left or right.

Start a new game

- 1 Press **Menu 7-1 (Games > Select game)**, scroll to the desired game and press **Select**.
- 2 Choose an option and press **Select**.

Game settings

The following settings are available for all games:

Option	Description
Game sounds	Used to turn game sound effects On or Off .
Game lights	Used to turn screen lights On or Off during game play only.
Shakes	Used to turn game vibrating effects On or Off .

16 Your phone and other devices

Your phone is capable of interacting with, or connecting to a computer using the DKU-5 Connectivity adapter cable.

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



Warning! 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.

• PC CONNECTIVITY

You can make a serial connection between your Nokia phone and compatible PC using the DKU-5 Connectivity adapter cable. This cable is available for purchase as an accessory, or may be included in your sales package.

Once your phone and PC are connected, you can access your phone's information from your PC, or use your phone as a wireless modem for digital data/fax calls.



Important: Digital data/fax services (including IS95, IS2000 2G and 3G packet data) are network-dependent features and may require a subscription to these services. Please check with your service provider for the availability of digital data/fax services.

Nokia PC Suite

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

- make a backup copy of the data in your phone (Content Copier).
- edit phone book contacts and numbers, profiles, and settings via your PC's keyboard (Phone Editor).
- create new ringing tones and transfer them to your phone (PC Composer).
- synchronize your phone book and reminders with Personal Information Manager (PIM) applications such as Microsoft Outlook, Outlook Express, and Lotus Organizer (PC Sync).

Please refer to the document *Nokia PC Suite User Guide and PC/PDA Connectivity Guide* for installation and setup instructions.

Modem setup

You can use your Nokia phone as a modem with your laptop computer or handheld device, giving you access to the Internet (for e-mail and Web browsing) or corporate networks wherever you are.

For more information on modem setup for PCs and handheld devices, please refer to the *Nokia PC Suite User Guide and PC/PDA Connectivity Guide*.

Download software

PC Suite, the PC Suite/PC connectivity user guide, and all related software is provided to you free of charge. These items can be downloaded from the US mobile phone products section of:

<http://www.nokia.com>

17 Reference information

• USE ACCESSORIES SAFELY

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

This phone is intended for use when supplied with power from an ACP-7, ACP-8, ACP-12, or LCH-12 charger. Other usage could invalidate any approval given to this apparatus and may be dangerous.



Warning! When you purchase batteries, chargers, and accessories for your phone, use *only* batteries, chargers, and accessories that have received approval from Nokia. The use of any other type may invalidate any approval or warranty applying to the phone, and could also be dangerous. For availability of approved batteries, chargers, and accessories, check with your service provider.



Note: For information on how to charge and recharge your battery, please see ["Charge the battery" on page 8](#).

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

When you are not using a charger, disconnect it from the power source. Do not leave the battery connected to a charger for more than 72 hours, since prolonged maintenance charging could shorten its lifetime. If left unused, a fully-charged battery will discharge over time.

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

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

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 59°F and 77°F (15°C and 25°C). A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Battery performance is particularly limited in temperatures below freezing.

Do not dispose of batteries in a fire!



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

• IMPORTANT SAFETY INFORMATION

This section provides additional safety information. A brief overview of safety can be found in the section.

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.

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 at least 6 inches (approximately 20 cm) be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research

by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should always keep the phone more than 6 inches (20 cm) from their 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.
- Switch off the phone immediately if you have 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, air bag systems). Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

POSTED FACILITIES

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

Potentially explosive atmospheres

Switch off your phone 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 property and/or 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.

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).

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

Make an Emergency Call

- 1 If the phone is not on, switch it on.
- 2 Press the **End** key as many times as needed (for example, to exit a call, to exit a menu, etc.) to clear the display and ready the phone for calls.
- 3 Enter the emergency number for your present location (for example, 911 or any other official emergency number—emergency numbers vary by location).
- 4 Press the **Send** 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 cellular 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 PHONE MEETS 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) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines 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 stated in the international guidelines is 2.0 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.

The highest SAR value for this model phone when tested for use at the ear is 0.70 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the relevant international guidelines for RF exposure.

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate 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 to remove or change front and back covers. Nonexpert 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.

• ENHANCEMENTS



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

A FEW PRACTICAL RULES FOR ACCESSORY OPERATION

- Keep all enhancements out of the reach of small children.
- When you disconnect the power cord of any enhancements, grasp and pull the plug, not the cord.
- Check regularly that any vehicle-installed enhancements are mounted and are operating properly.
- Installation of any complex car enhancements must be made by qualified personnel only.
- Use only batteries, chargers, and enhancements that have been approved by Nokia. The use of any other types could invalidate any approval or warranty applying to the phone and could be dangerous. Refer to "Use accessories safely" on page 78 for important battery usage information.

• BATTERY INFORMATION



Note: The phone has a lithium ion (Li-Ion) battery. Dispose of batteries according to local regulations (for example, recycling). Do not dispose as household waste.

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

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

Charging Times

Charging times for the BLC-2 Li-ion Battery (1000 mA) are approximate:

Battery option:	ACP-7
BLC-2 Li-ion	3 hrs 50 min

Standby and Talk Times

Mode	Talk time	Standby time
Digital	Up to 2 hrs and 30 min	Up to 9 days

Mode	Talk time	Standby time
Analog	Up to 1 hr	Up to 1 day



Note: Battery talk and standby times are estimates only and depend on signal strength, network conditions, features used, battery age and condition (including the effect of charging habits), temperatures to which battery is exposed, use in digital mode, and many other factors. Please note that the amount of time a phone is used for calls will affect its standby time. Likewise, the amount of time that the phone is turned on and in standby mode will affect its talk time.

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 72 hours, since overcharging may shorten its lifetime. If left unused, a fully charged battery will discharge over time.

Temperature extremes can affect the ability of your battery to charge. Battery will not charge at temperatures above 140°F (60°C).

• CHARGERS AND OTHER ACCESSORIES

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from the devices listed on the following pages.



Warning! Use only batteries, chargers, and accessories approved by Nokia 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.

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

Learn about chargers and other accessories

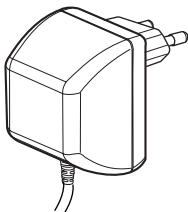
This section provides information about the phone's chargers and accessories. Be aware that the information in this section is subject to change as the chargers and accessories change.

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



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 lifetime. If left unused, a fully charged battery will discharge over time.

Standard Charger (ACP-7)



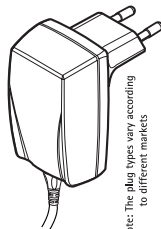
Note: The plug types vary according to different markets

This is a lightweight and durable ac charger.

To use the standard travel charger, plug it into a standard ac wall outlet and connect the lead from the charger to the base of your phone.

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

Rapid Travel Charger (ACP-8)



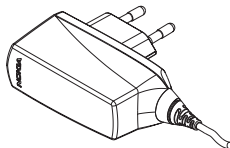
Note: The plug types vary according to different markets

This is a lightweight and durable ac charger. Calls can be made during charging, even with a fully discharged battery.

To use the Multi-voltage Charger (ACP-8), plug it into a standard ac wall outlet, and connect the lead from the charger to the base of your phone.

The charger can also be used together with the optional desktop charging stand. Approximate charging times for discharged batteries are shown in "Charging Times" on page 91.

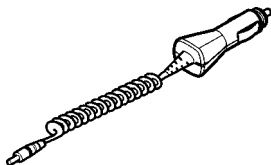
Travel Charger (ACP-12)



Note: The plug types vary according to different markets

This is a lightweight and durable ac charger. To use the standard travel charger, plug it into a standard ac wall outlet and connect the lead from the charger to the base of your phone.

Rapid Mobile Charger (LCH-12)



You can charge your phone's battery from your vehicle battery by using the Rapid Mobile Charger.

Calls are possible during charging. A green light indicates that the charger is ready for charging (when not charging). The battery charging times are the same as those for the Multi-voltage Charger (ACP-8).

The input voltage range is from 11 V to 32 V DC, negative grounding. Avoid prolonged charging with the Rapid Mobile Charger (LCH-12) 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.

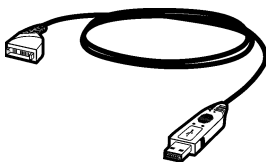
Headset (HDB-4)



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.

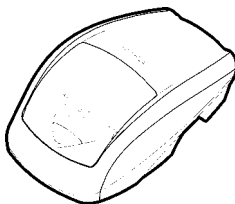
See "[Learn about your headset](#)" on page 17, for more information.

Connectivity Adapter Cable (DKU-5)



Easy and convenient connection to your PC or laptop computer for wireless modem functionality. DKU-5 is a USB cable that can be used with Nokia PC Suite and the DCV-15 Desktop charger with PC Sync.

DCV-15 Desktop charger

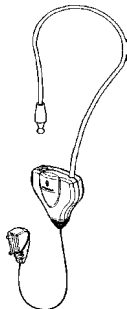


Used together with the standard travel charger or the rapid travel charger, the DCV-15 desktop charger allows you to charge your phone in an upright position, so that you have a clear view of the phone's screen.

Spare battery charger (DDC-1)

Used together with the Standard Travel Charger (ACP-7) or the Multi-voltage Charger (ACP-8), this lightweight and stylish charger provides a convenient way to charge your spare battery.

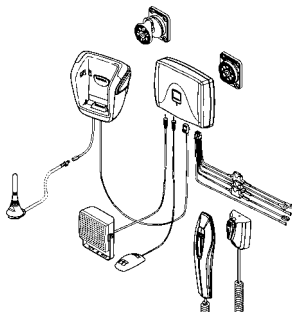
Loopset (LPS-4)



With the Nokia Loopset, people who use a T-coil equipped hearing aid have the freedom to talk on a digital mobile phone. The loopset goes around your neck - so it can be worn comfortably and discreetly.

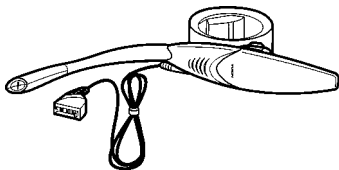
Car Kit (Cark-142)

phone sold separately



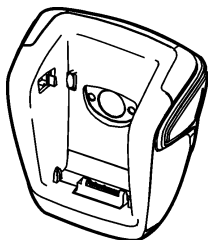
The Car Kit (CARK-142) offers a convenient handsfree option, automatic charging facility, and transmission capacity with external antenna connection. Professional installation of this product is recommended.

BHF-1 Basic Car Kit



The BHF-1 Basic Car Kit offers a headrest handsfree option with an ergonomic design and easy installation.

Mobile Holder (MBC-17)



Holds phone securely in place while driving or during charging. Can be used with Rapid Cigarette Lighter Charger (LCH-12). This holder is used in the Car Kit (CARK-142) and can be used with BHF-1 Basic Handsfree Carkit.

• NOKIA XPRESS-ON™ COLOR COVERS

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

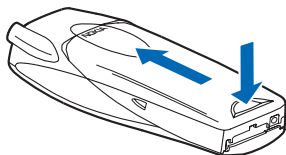


Warning! Before changing the cover, always switch off the power and disconnect the phone from the charger or any other device. Always store and use the phone with the covers attached.

REMOVE THE BACK COVER

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

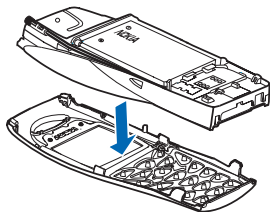
- 1 Push the release button on the back cover.



- 2 Slide the cover towards the top of the phone and lift off.

REMOVE THE FRONT COVER

- 1 With the phone face down or up, grab the top of the phone's front cover.

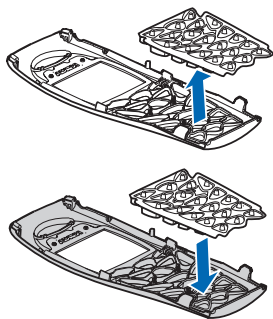


- 2 Gently pry the front cover away from the phone and lift the cover off the phone.



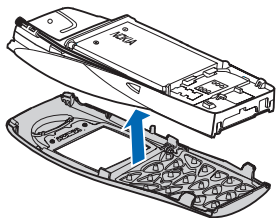
Warning! When the front cover is off the phone, be careful not to damage the phone's screen face or the rubber gasket around it.

REMOVE AND REPLACE THE KEYPAD



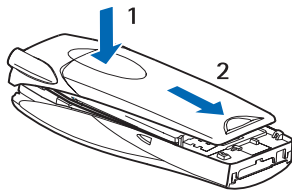
- 1 Lift the keypad from the inside of the front cover.
- 2 Place the keypad into the new front cover and press into place.

REPLACE THE FRONT COVER



- 1 Align the keypad with the proper openings in the front cover.
- 2 Gently push the front cover into the phone until it clicks into place.

REPLACE THE BACK COVER



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

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