

Nokia 2116 User Guide

9237738

Issue 1

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A copy of the Declaration of Conformity can be found at http://www.nokia.com/phones/declaration_of_conformity/.

CE 168

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For your safety

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.



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



ROAD SAFETY COMES FIRST Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.



INTERFERENCE All wireless devices may be susceptible to interference, which could affect performance.



SWITCH OFF IN HOSPITALS Follow any restrictions. Switch the device off near medical equipment.



SWITCH OFF IN AIRCRAFT Follow any restrictions. Wireless devices can cause interference in aircraft.



SWITCH OFF WHEN REFUELING Don't use the device at a refuelling point. Don't use near fuel or chemicals.



SWITCH OFF NEAR BLASTING Follow any restrictions. Don't use the device where blasting is in progress.



USE SENSIBLY Use only in the normal position as explained in the product documentation. Don't touch the antenna unnecessarily.



QUALIFIED SERVICE Only qualified personnel may install or repair this product.



ENHANCEMENTS AND BATTERIES Use only approved enhancements and batteries. Do not connect incompatible products.



WATER-RESISTANCE Your device is not water-resistant. Keep it dry.



BACKUP COPIES Remember to make back-up copies or keep a written record of all important information.



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



EMERGENCY CALLS Ensure the phone is switched on and in service. Press the end key as many times as needed to clear the display and return to the start screen. Key in the emergency number, then press the call key. Give your location. Do not end the call until given permission to do so.

For availability of approved enhancements, please check with your dealer. When you disconnect the power cord of any enhancement, grasp and pull the plug, not the cord.

Your device and its enhancements may contain small parts. Keep them out of reach of small children.

Enhancements, batteries, and chargers

Always switch the device off and disconnect the charger before removing the battery.

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from the ACP-7, ACP-12, AC-1 or LCH-12 charger.



Warning: Use only batteries, chargers, and enhancements approved by Nokia for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous.

Welcome

Congratulations on your purchase of the Nokia 2116 mobile device. Your device provides many functions which are practical for daily use, such as a hands-free speakerphone, alarm clock, calculator, calendar, and more. To personalize your device, you can set your favorite ringing tones and select an Xpress-on™ color cover.

About your device

The wireless device described in this guide is approved for use on the CDMA 800, CDMA 1900 and AMPS networks. Contact your service provider for more information about networks.

When using the features in this device, obey all laws and respect privacy and legitimate rights of others.



Warning: To use any features in this device, other than the alarm clock, the device must be switched on. Do not switch the device on when wireless device use may cause interference or danger.

Network Services

To use the phone you must have service from a wireless service provider. Many of the features in this device depend on features in the wireless network to function. These Network Services may not be available on all networks or you may have to make specific arrangements with your service provider before you can utilize Network Services. Your service provider may need to give you additional instructions for their use and explain what charges will apply. Some networks may have limitations that affect how you can use Network Services. For instance, some networks may not support all language-dependent characters and services. See "Network services features" on page 55.

Your service provider may have requested that certain features be disabled or not activated in your device. If so, they will not appear in your device menu. Contact your service provider for more information.

Shared memory

The following features in this device may share memory: contacts, text messages, ringing tones, calendar, and

games. Use of one or more of these features may reduce the memory available for the remaining features sharing memory. For example, saving many text messages may use all of the available memory. Your device may display a message that the memory is full when you try to use a shared memory feature. In this case, delete some of the information or entries stored in the shared memory features before continuing. Some of the features, such as messages and ringing tones may have a certain amount of memory specially allotted to them in addition to the memory shared with other features.

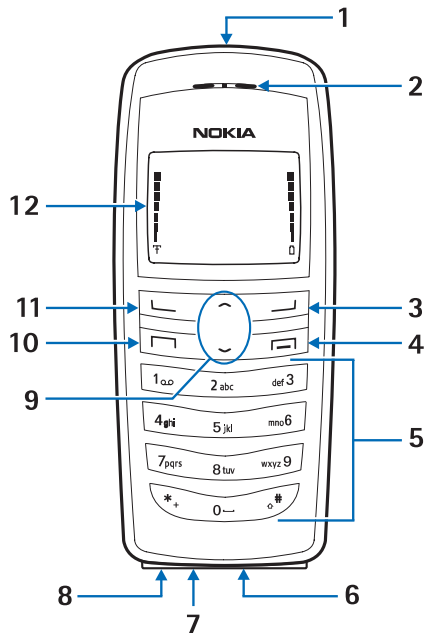
Get help

Find your device label

If you need help, Nokia Customer Care is available for assistance. Before calling, we recommend that you write down the electronic serial number (ESN) and have it available.

The ESN is found on the type label, which is located beneath the battery on the back of the device.

Device at a glance



Power key (1)

Earpiece (2)

Right selection key (3)

End key (4)

Keypad (5)

Connection port (6)

Microphone (7)

Charger port (8)

Scroll key (9)

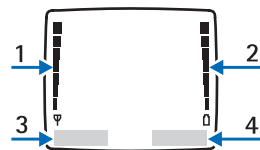
Call key (10)

Left selection key (11)

Screen (12)

Start screen

The start screen is home base and indicates your device is in the standby mode.



Signal strength (1)—A higher bar indicates a stronger network signal.

Battery level (2)—A higher bar indicates more power in the battery.









Menu (3)—Press the left selection key to select this option.










Contacts (4)—Press the right selection key to select this option.

Quick keys

In the standby mode, scroll up to activate the flashlight, or scroll down to go to the contacts list.

Indicators and icons

Icon	Indicates...
	You have one or more text or picture messages. See "Read a message" on page 32.
	You have one or more voice messages. See "Voice messages" on page 36.
	You are making a call with the device. See "Make a call" on page 17.
	Your device keypad is locked. See "Keyguard" on page 19.
	Your device is set to the Silent profile. See "Profiles" on page 44.
	The alarm clock is set to On. See "Alarm clock" on page 58.
	The countdown timer is running. See "Countdown timer" on page 62.
	The stopwatch timing is running in the background. See "Stopwatch" on page 63.

Icon	Indicates...
	Integrated hands free is active.
	The timed profile is selected. See "Profiles" on page 44.
 or  or 	An enhancement is connected to the device.
 or 	Voice privacy encryption is active (or is not active) in the network.
	Device is roaming outside of your home network.
	Device is in an 1XRTT network. See "Network Services" on page 8.

Get the most out of this guide

The following sections illustrate the various components of your device. Familiarize yourself with these sections to help you understand the instructions that follow.

This guide uses certain terms for the steps that you are asked to perform:

- Press means to press and release a key quickly. For example, press 7 means press the key on the keypad that is labeled with the number 7 and the letters pqrs.
- Press and hold means to press and hold a key for 2–3 seconds, then release the key.

- Selection keys are used to select menu options. To select an option, press the selection key below the menu item on the device screen.
- Scroll keys are used to move up and down in the menus.
- Press the call key to place a call or to answer an incoming call.
- Press the end key to end a call or press and hold to return to standby mode.

Device menus

Device features are grouped according to function and are accessed through the main menus. Each main menu

contains submenus and lists from which you can select or view items and customize your device features. You can access these menus and submenus by using the scroll method.

Scroll method

- 1 In the standby mode, select **Menu**, and scroll through the main menu using the scroll key.
- 2 When you arrive at a menu, select **Select** (the left selection key) to enter a submenu. Select **Connect** to enter submenus for minibrowser.
 - Select **Back** from the submenu level to return to the previous menu.
 - Select **Exit** from the main menu level or press the end key to return to the standby mode from any menu or submenu.

Shortcuts

You can go directly to almost any menu or submenu, as well as activate most features by using a shortcut.

In the standby mode, select **Menu**; then within 3 seconds press the key or keys associated with the menu function you would like to view or activate.

For example, to quickly display your phone's calendar, select **Menu** 5-2 in the standby mode (**Menu** > 5

Organizer > 2 **Calendar**). After a brief pause, the phone displays the calendar.

Set up your phone

Antenna

Your device has an internal antenna located towards the top of the device. Hold the device as you would any other telephone with the antenna area pointed up and over your shoulder.



Note: As with any other radio transmitting device, do not touch the antenna unnecessarily when the device is switched on. Contact with the antenna affects call quality and may

cause the device to operate at a higher power level than otherwise needed. Avoid contact with the antenna area when operating the device to optimize antenna performance and battery life.



Battery

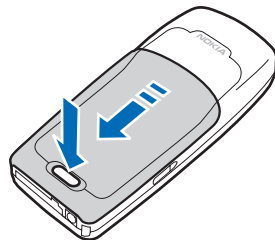


Important: Always switch the device off and disconnect the charger before removing the battery.

Before removing the cover, always switch off the power and disconnect the charger and any other device. Avoid touching electronic components while changing the covers. Always store and use the device with the covers attached.

Remove the back cover

- 1 With the back of the device facing you, push down on the button on the back of the device.
- 2 Slide the back cover toward the bottom of the device and remove.



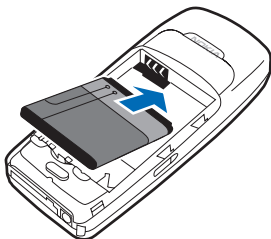
Remove the battery

After you have removed the back cover, insert your finger into the finger grip and lift the battery from its compartment.

Replace the battery

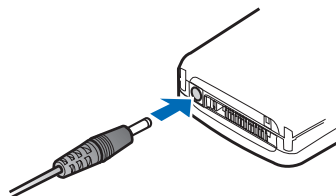
Always use original Nokia batteries. See "Battery information" on page 69.

- 1 Position the battery so the gold-colored contacts match up with those on the device.
The battery label must face away from the device.
- 2 Insert the battery, gold-colored contact end first, into the battery slot.
- 3 Push down on the other end of the battery to snap the battery into place.



Charge the battery

- 1 Plug the charger transformer into a standard AC outlet.
- 2 Insert the charger output plug into the round jack at the bottom end of the device.



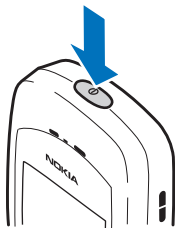
After a few seconds, the battery indicator in the display starts to scroll from bottom to top. If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or any calls can be made.

Replace the back cover

Slide the back cover toward the top of the device until you hear a click and see the back cover release button.

Switch on or off

To switch your device on or off, press and hold the power key on top of the device for at least 3 seconds.



- Press the end key to end a call.

Change Xpress-on™ covers

Before removing the cover, always switch off the power and disconnect the charger and any other device. Avoid touching electronic components while changing the covers. Always store and use the device with the covers attached.

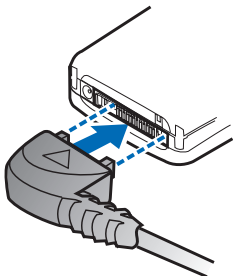
Connect the headset

A compatible headset may be included with your device or purchased separately as an enhancement.)

- 1 Plug the headset connector into the Pop-Port™ connector at the bottom end of your device.
- 2 Position the headset on your ear.

With the headset connected, you can make, answer, and end calls as usual.

- Use the keypad to enter numbers.
- Press the call key to place a call.

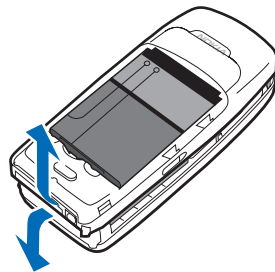


Remove the back cover and the battery

See "Remove the back cover" on page 14 and "Remove the battery" on page 15 for instructions on removing the back cover and the battery.

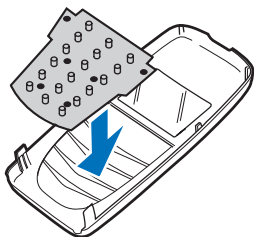
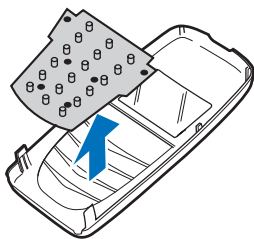
Remove the front cover

Gently pull the bottom of the front cover away from the rest of the device, and remove the front cover.

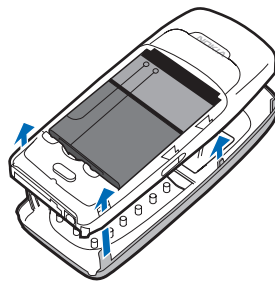


Install the key mat and front cover

- 1 Remove the key mat from the old front cover.
- 2 Place the key mat into the new front cover.



- 3 Press the front cover and key mat against the device, and snap the front cover into place.



Replace the battery and back cover

See "Replace the battery" on page 15 and "Replace the back cover" on page 15.

Make a call

Use the keypad

- 1 Enter the phone number (including the area code), and press the call key.
To delete a character to the left of the cursor, select **Clear**.
- 2 Press the end key to end the call or to cancel the call attempt.

Use the contacts list

To enter a number into the contacts list, in the standby mode, select **Contacts** > **Add new**, and enter the name and phone number. See "Save an entry" on page 23.

- 1 In the standby mode, scroll down to display the contents of your contacts list.
- 2 Select a contact from the list.
- 3 Press the call key to make the call, or select **Details** to view details of the entry.

Use the last dialed number

- 1 In the standby mode, press the call key to display the last 20 numbers dialed.
- 2 Scroll to the number (or name) you wish to redial, and press the call key.

Make a conference call

Conference calling is a network service that allows you to take part in a conference call with two other participants.

- 1 Make a call to the first participant.
- 2 With the first participant on the line, select **Options** > **New call**.
- 3 Enter the phone number of the second participant, or select **Search** to retrieve a number from the contacts list.

- 4 Select **Flash**.
The first participant is put on hold.
- 5 When the second participant picks up, press the call key to connect the calls.
- 6 To end the conference call, select **Options** > **End all calls**, or press the end key.

Answer calls

Answer or silence a call

- Press the call key, or select **Answer** to answer the call.
- To mute the ringing tone, select **Silence**. If you do not answer the call, the call is eventually diverted to voicemail.
- To dismiss and divert the call to voicemail (a carrier-dependent feature), select **Decline** after you have muted the ringing tone, or press the end key at any time.

Note: **Silence/Decline** is a carrier-dependent feature.

Answer a call with locked keypad

To answer a call with the keypad locked, press the call key. During the call, all features function as normal. When you end or decline the call, the keypad automatically relocks. See "Keypad" on page 19.

When the device is locked, calls may be possible to the official emergency number programmed into your device.

Adjust the volume during a call

To increase or decrease the volume during a call, scroll up or down during the call. When adjusting the volume, a bar chart indicates the volume level.

Speakerphone

You can use the speakerphone, or loudspeaker, on your device during a call.



Warning: Do not hold the device near your ear when the speakerphone is in use because the volume may be extremely loud.

- To activate the speakerphone while in a call, select **Loudsp.**
- To deactivate the speakerphone during a call, select **Handset.**

The speakerphone is deactivated automatically when a call (or a call attempt) ends or when certain enhancements are connected.

Options during a call

Many of the options that you can use during a call are network services. Check with your wireless service provider for more information.

Select **Options** during a call to display a list of options available during a call, then select an option.

Keypad

With keypad, you can lock the keypad to prevent keys from being pressed accidentally and to prevent accidental calls. If the keypad is locked, it unlocks when you receive a call. After the call, the lock automatically reactivates.

When keypad is on, calls may be possible to the official emergency number programmed into your device.

To lock the keypad, select **Menu** and press * within 2 seconds.

To unlock the keypad, select **Unlock** and press * within 2 seconds.

Flashlight

Your device has a built-in flashlight that you can activate when the device is in the standby mode or when there is a call in progress. To activate the flashlight, scroll up. The light stays on until you release the scroll key.



Scroll up twice in quick succession for the flashlight to stay on continually. Press scroll up again to turn the flashlight off.

You can also use the flashlight to alert you to an incoming call. For more information, see "Personalize a profile" on page 44.

Text entry


You can use two methods for entering text and numbers:


- Traditional text input is the only way to enter text into the contacts list, and to rename caller groups.
- Predictive text is a quick and easy method for writing messages and creating a calendar note.


Traditional text input

Text (Abc)

- Press a key once to insert the first letter on the key, twice for the second letter, etc. If you pause briefly, the last letter in the display is accepted and your device awaits the next entry.
- Press **0** to enter a space thereby accepting a completed word.
- Press **1** to enter a period (.).
- Press ***** to display special characters. See more about special characters on the following pages.
- Press **#** to change the text input mode. The following icons (not the descriptions) appear in the upper left of the display screen:

 **ABC** Uppercase text: traditional text input is on.

 **abc** Lowercase text: traditional text input is on.

 **Abc** Sentence case text: traditional text input is on.

Numbers (123)

To switch to 123 mode from Abc mode, press and hold **#** at any message entry screen until the icon in the upper left corner of the display switches from Abc to 123 (or vice versa).

- Select **Clear** to backspace the cursor and delete a character.
- Select and hold **Clear** to backspace continuously and delete characters.

Punctuation and special characters

While at any text entry screen, press ***** to display special characters (press and hold ***** if predictive text is on). To navigate through the list of special characters, use the scroll key. Highlight a character and select **Insert** to insert the character into your message.

Predictive text input

Predictive text input allows you to write messages quickly using your keypad and the built-in dictionary. It is much faster than the traditional text input method, because for each letter, you only press the corresponding key on your keypad once.

Activate or deactivate

- 1 At any text entry screen, select **Options** > **Predictive text**.
- 2 Select the language of your choice.

The language setting affects the time and date formats of the clock, alarm clock, and calendar.

Text entry

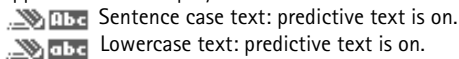
This example describes text entry using predictive text. To write the word "Nokia" with predictive text on and with the English dictionary selected, press each of the following keys once. This illustration shows the text displayed as you press each key:

Enter: 6 6 5 4
 2



When using predictive text:

- Press **0** to enter a space and begin writing the next word.
- If a displayed word is not correct, press ***** to see other matches. To return to the previous word in the list of matches, select **Previous**.
- If **?** appears after a word, select **Spell** to add the word to the dictionary.
- Press **1** to insert a period into your message.
- Press and hold ***** to display special characters. Press ***** again to cycle through all available characters.
- Press **#** to switch predictive text on or off and to use predictive text in various modes. As you press **#**, the following icons (not the descriptions) appear in the upper left of the display screen:



Contacts

The contacts list can hold up to 250 contacts, with multiple numbers and text notes for each contact. The amount of numbers and text entries that you can save may vary, depending on length and the total number of entries in the contacts list.

Contacts options

You can access contacts options in one of two ways:

- In the standby mode, select **Contacts**.
- In the standby mode, select **Menu > Contacts**.

In this chapter, to access contacts options, select **Contacts**.

Search

- 1 In the standby mode, select **Contacts > Search**.
- 2 Type in the first character of the contact name and highlight the contact you wish to view.
- 3 Select **Details > Options** and the action you want to apply to the contact.

Add new contacts

Save a name and number

- 1 In the standby mode, enter the phone number you wish to save.
- 2 Select **Options > Save**.
- 3 Enter the name, and select **OK**.

Save (only) a number

- 1 In the standby mode, enter the phone number you wish to save.
- 2 Select and hold **Options**.

Save an entry

- 1 In the standby mode, select **Contacts > Add new**.
- 2 Enter the name, and select **OK**.
- 3 Enter the phone number, and select **OK > Done**.

Save numbers and details

You can save different types of phone numbers and short text items per name to the contacts list. The first number you save for any entry is automatically set as the default,

but the default number can always be changed. You can save details such as addresses and notes as contact information.

- 1 In the standby mode, scroll down to display a list of entries in your contacts list.
- 2 Scroll to the entry to which you wish to add a phone number or text item.
- 3 Select **Details > Options > Add number** or **Add detail**.
- 4 Select **General, Mobile, Home, Work,** or **Fax** type when adding a number; or select **E-mail, Web address, Street addr.,** or **Note** when adding details.
- 5 Enter the number or text for the type you have selected, and select **OK**.
- 6 To change the type, select **Change type** in the options list.

Change the default number

To change the default number for the contact entry:

- 1 In the standby mode, scroll down to the entry you wish to change, and select **Details**.
- 2 Scroll to the number you wish to set as default, and select **Options > As primary no.**

Edit contact name

- 1 In the standby mode, scroll down to display a list of entries in your contact list.

- 2 Scroll to the entry you wish to edit and select **Details > Options**.
- 3 Select **Edit name** and enter your changes; then select **OK**.

Delete contacts list entries

- 1 In the standby mode, select **Contacts > Delete**.
- 2 To delete individual entries, select **One by one**.
- 3 Scroll to the entry you wish to delete, and select **Delete > OK** to confirm.
- 4 To delete the entire contents of your contacts list, select **Delete all > OK**.
- 5 Enter the security code, and select **OK**. See "Security settings" on page 52.

Add number list entries

Add number allows you to add another number to an existing contact.

- 1 In the standby mode, select **Contacts > Add number**.
- 2 Highlight a contact from the list and select **Add**.
- 3 Select the tag as **General, Mobile, Home, Work,** or **Fax** and enter the number.

Settings

Settings allows you to determine how your phone numbers will be viewed and how much memory remains in the contacts list.

In the standby mode, select **Contacts > Settings** and one of the following:

Scrolling view—Specify how names and numbers are viewed in the contacts list.

Memory status—View the amount of space available in the contacts list.

Speed dialling

You can associate any entry in the contacts list with a key from **2–9**. To dial those entries, press and hold the assigned key. Speed dialling must be turned on to use this method.

Press the assigned key and the call key to speedial at any time.

Assign a key to speed dialling

- 1 In the standby mode, select **Contacts > speed dialling**.
- 2 Select any empty slot and **Assign**.

- 3 Enter the number (including the area code), and select **OK**; or select **Search** to retrieve a number from the contacts list.
- 4 Enter the contact name for the number, and select **OK**. If speed dialling is off, the device displays a prompt asking if you would like to turn speed dialling on.
- 5 Select **Yes** to activate speed dialling.

Change speed dialling numbers

- 1 In the standby mode, select **Contacts > speed dialling**.
- 2 Select the speed dialling entry you wish to change and **Options > Change**.
- 3 Enter the new number and select **OK**; or select **Search** to view the contacts list and select a new number.
- 4 Enter a name for the entry, and select **OK**.

Delete speed dialling numbers

- 1 In the standby mode, select **Contacts > speed dialling**.
- 2 Select the speed dialling location you wish to delete.
- 3 Select **Options > Delete > OK** to delete the key assignment.

Edit contacts list entries

- 1 In the standby mode, scroll down to display the contents of your contacts list.

- 2 Select the entry you would like to edit and **Details**.

Edit phone number

- 1 Highlight the phone number you would like to edit, and select **Options**.
- 2 Select one of the following options and **Select**:
 - Add voice tag**—Add a voice tag to the contact.
 - Edit number**—Edit an existing phone number of the contact.
 - Delete number**—Delete a phone number from the contact.
 - Use number**—Display the phone number in the standby mode, ready to be called.
 - View**—View the details of the contact.
 - Change type**—Change the number type to **General**, **Mobile**, **Home**, **Work**, or **Fax**.
 - As primary no.**—Change the default number of the contact.
 - Add number**—Add a number to the contact.
 - Add detail**—Add an address or note to the contact.
 - Caller groups**—Add the contact to an existing caller group.
 - Custom tone**—Add a custom ringing tone to the contact.
 - Send bus. card**—Send the contact as a business card to another phone.

Send message—Create and send a message to the contact.

speed dialling—Add the contact to your speed dialling list.

Edit name—Edit the name of the contact.

View name—View the name of the contact.

Delete—Delete the entire contact entry from your contacts list.

E-mail address entry

- 1 Highlight the e-mail address entry you would like to send or update, and select **Options**.
- 2 Select one of the following options and **Select**:
 - Send e-mail**—Send an e-mail.
 - Edit detail**—Edit existing details of e-mail.
 - Delete detail**—Delete existing e-mail.
 - View**—View the details of the e-mail contact.
 - Change type**—Change the e-mail type to **E-mail**, **Web address**, **Street addr.**, or **Note**.
 - Add detail**—Add an address or note to the entry.
 - Add number**—Add a number to the entry.
 - Caller groups**—Add the e-mail to an existing caller group.
 - Custom tone**—Add a custom ringing tone to the contact.
 - Send bus. card**—Send the contact a business card.
 - Edit name**—Edit the name of the contact.

View name—View the name of the contact.

Delete—Delete the entire e-mail entry from your contacts list.

Web address entry

- 1 Highlight the Web address you would like to view or update, then select **Options**.
- 2 Select one of the listed options.
To view the page at the highlighted Web address, select **Open**.
Other options under Web address are similar to those for e-mail entries. See "E-mail address entry" on page 26.

Edit other text items

- 1 Highlight the address entry you would like to edit, and select **Options**.
- 2 Select the option you wish to perform and **Select**.

Voice tags

Voice tags allow you to dial a contact by speaking. You can also playback, change, or delete voice tags.

Voice dialing

You can dial up to 25 stored numbers using voice dialing.

Before using voice tags, note that:

- Voice tags are not language-dependent. They are dependent on the speaker's voice.
- You must say the name exactly as you said it when you recorded it.
- Voice tags are sensitive to background noise. Record voice tags and use them in a quiet environment.
- Very short names are not accepted. Use long names, and avoid similar names for different numbers.


Using voice tags may be difficult in a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

Assign a voice tag to an entry

Before you can use voice dialing, you must first assign a voice tag to the number.

- 1 In the standby mode, use scroll down to enter the contacts list.
- 2 Highlight the contact you want to assign a voice tag, and select **Details** > **Options** > **Add voice tag**.
- 3 Select **Start**; then speak clearly into the microphone.

Do not select **Quit** unless you want to cancel the recording.

The device automatically stops recording, saves, and replays the voice tag.  appears next to the phone numbers that have voice tags assigned.

Dial a number

- 1 In the standby mode, select and hold **Contacts**.
- 2 When you hear several beeps and **Speak now** appears, release the key.
- 3 Say the voice tag clearly into the microphone.

When the device finds the voice tag, **Found:** appears, and the device automatically dials the number. If the device does not locate a number or recognize the voice tag, **No match found** appears.

Voice tag options

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

Playback

- 1 In the standby mode, select **Contacts** > **Voice tags**.
- 2 Scroll to the name with the voice tag you want to hear.
- 3 Select **Options** > **Playback**.

Modify

- 1 In the standby mode, select **Contacts** > **Voice tags**.
- 2 Scroll to the name with the voice tag you want to change.
- 3 Select **Options** > **Change**.
- 4 Select **Start**, then speak clearly into the microphone. The device repeats your voice tag, and **Voice tag saved** appears.

Delete

- 1 In the standby mode, select **Contacts** > **Voice tags**.
- 2 Scroll to the name with the voice tag you want to erase.
- 3 Select **Options** > **Delete**.
- 4 Select **OK** to erase the voice tag.

My number

My number allows you to display your own phone number. Select **Contacts** > **My number**.

Caller groups

Caller groups allows you to organize your contact information into groups. You can add contacts list entries to any of five caller groups, and assign a unique ringing tone or graphic to that group. This enables you to identify callers from the group by their unique ringing tone or graphic.

Set up a group

- 1 In the standby mode, scroll down to display a list of entries in your contacts list.
- 2 Select a name you would like to add to a caller group.
- 3 Select **Details** > **Options** > **Caller groups**.

- 4 Select the caller group to which you would like to add the name.

Caller group options

- 1 In the standby mode, select **Contacts** > **Caller groups** > **Family**, **VIP**, **Friends**, **Business**, or **Other**.
- 2 Select one of the following caller group options and follow the directions displayed:
 - Rename group**—Rename the group to your preference.
 - Group ringing tone**—Set the ringing tone for the group.
 - Group logo**—Turn the graphic for the caller group on or off.
 - Group members**—Add or remove members from the caller group.

Send and receive contacts (business cards)

You can send and receive an entry in your contacts list using a text message if supported by your wireless provider.

Send a business card

You can send a business card as a text message to a compatible phone or other handheld device.

- 1 In the standby mode, scroll down to display the contents of your contacts list.
- 2 Highlight an entry from the contacts list that you wish to send, and select **Details** > **Options** > **Send bus. card**.
- 3 To send the business card as a message, select **Via text msg**. If the contact entry has more than one item saved, select **Primary no.** or **All details**.
- 4 Enter the number for your recipient, or select **Search** to retrieve a number from your contacts list.
- 5 Select **OK**. The business card is sent.

Messages



If you have subscribed to a messaging service through your wireless provider, you can send and receive messages to compatible devices that also subscribe to a compatible message service. You may also be able to send and receive picture messages and e-mail messages.



Important: Exercise caution opening messages. Messages may contain viruses or otherwise be harmful to your device or PC. Do not open any attachment if you are not sure of the trustworthiness of the sender.

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

Text messages

In the standby mode, select **Menu > Messages > Text messages** and select from the following:

Create message—Allows you to create and send messages. Create message is activated by the service provider.

Inbox—Allows you to check for received messages.

Sent items—Allows you to check for sent messages.

Archive—Allows you to save messages in an archive.

Templates—Includes a selection of templates for creating messages.

My folders—Allows you to create and name your personal folders.

Distribution lists—Allows you to define a group of up to 10 recipients to which messages can be addressed.

Delete messages—Allows you to delete messages from a selected folder or all folders.

Message settings—Includes options for changing settings for reading, writing and sending messages.

Write and send

- 1 In the standby mode, select **Menu > Messages > Text messages > Create message**. Depending on your wireless provider, you may also select **Text**.

- 2 Select **Add number** to add the recipient's phone number or **Add e-mail** to add the e-mail address. To retrieve a number or e-mail address from your contacts list, select **Search** and **OK**. Select **Add list** to add a distribution list.
- 3 Select **Options** and repeat step 2 to add more recipients, then select **OK**.
- 4 Select **Options** > **Edit message**.
You can use templates to compose your message. A template is a short, prewritten message that you can insert into your text message. To insert a template into your message, select **Options** > **Use template** and select a template.
- 5 Compose a message using the keypad, and select **Options** > **Send**.

Options when creating a message

When you send a text message, depending on the mode of text input you are using and the features supported by your wireless service provider, some or all of the following options are available:

- Preview**—Previews the picture and message before sending. Select **Back** to return to the list of options.
- Send**—Send the message to the selected recipients.
- List recipients**—Display the list of recipients for your message.

Settings—Allows you to set any of these three settings on and off: **Urgent**, **Delivery note**, **Callback number**.

Save message—Select a folder you created to save the message to a personal folder; select **Sent items** to save the message in the sent items folder; select **Templates** to save the message as one of your predefined templates; or select **Archive** to save the message in your archive.

Clear text—Erase all text from the message editor.

Exit editor—Save the message to your sent items folder automatically, and leave the message editor.

Insert contact—Insert a name from your contacts list into your message.

Insert number—Insert a phone number or find a phone number in the contacts list.

Use template—Insert a predefined template into your message.

Insert picture—Insert a picture of your choice into the message.

Change picture—Takes you back to the picture list. This displays only when a picture is inserted in the message. Scroll to highlight a new picture and select **View** > **Insert** to replace the previous picture in your message.

Delete picture—Select **OK** to delete the picture from your message, or select **Back** to return to the list of options.

This displays only when a picture is inserted in the message.

Insert smiley—Insert the smiley face of your choice into your message.

Insert word or **Edit word**—Enter or edit the text of a new word that might not appear in the predictive text dictionary. This displays only when Predictive text is set to On.

Insert symbol—Insert a special character into your message. This displays only when **Predictive text** is set to on.

Predictive text—Choose a predictive text language to turn predictive text on, or select **Prediction off** to turn it off.

Matches—View matching words found in the dictionary for the word you want to use. This displays only when **Predictive text** is set to on and when the same set of key strokes can produce multiple words.

Create a distribution list

- 1 In the standby mode, select **Menu > Messages > Text messages > Distribution lists > Options > Add list**.
- 2 Enter a name for the list, and select **OK**.
- 3 To add contacts to this list, select **Options > Add contact**.



- 4 Add the contacts one by one to this list.

Send a message to a distribution list

- 1 In the standby mode, select **Menu > Messages > Text messages > Create message**. Depending on your wireless provider, you may also select **Text**.
- 2 Select **Add list**, scroll to a distribution list, and select **OK**.
- 3 Select **Options > Edit message** or **Edit text**.
- 4 Compose a message using the keypad, and select **Options > Send**.

Your message is then sent to each of the recipients in the list.

Read a message

When you receive a message, a notification message displays and  is displayed. When you have unopened messages in your inbox,  is shown in the upper left corner of the screen in the standby mode as a reminder.

- 1 Select **Show** to read the message, or **Exit** to dismiss notification.
- 2 Scroll up or down to view the whole message if necessary.

Options while reading a message

When you read a text message, the following options are available:

Delete—Discard the message.

Reply—Reply to the message. Create the message, and select **Options** > **Send**. The sender's phone number or e-mail is used as the default


Use number—Select **Save**, **Add to contact**, **Send message**, or **Call**.

Save—Save the message to a folder.

Divert—Divert the message to another phone number.

Rename—Edit the title of the message.

Reply to a message

When you receive a message, a notification message and  is displayed.

- 1 Select **Show** > **Options** > **Reply**.
- 2 Select a reply option; then compose your reply using the keypad.
- 3 Select **Options** > **Send**.

To reply to a previously received message:

- 1 In the standby mode, select **Menu** > **Messages** > **Text messages** > **Inbox** and select a message.
- 2 Select **Options** > **Reply** to respond.

Change message sending options

- 1 In the standby mode, select **Menu** > **Messages** > **Text messages** > **Message settings** > **Sending options**.
- 2 Select the setting you wish to change:
 - Priority**—Select the priority of the note as **Normal** or **Urgent**.
 - Delivery note**—A note is sent to you confirming delivery of the message. Select **On** or **Off**.
 - Send callback number**—A callback number is sent to the recipient. Select **Off** or default phone number.

Change other message settings

- 1 In the standby mode, select **Menu** > **Messages** > **Text messages** > **Message settings** > **Other settings**.
- 2 Select the setting you wish to change:
 - Message font size**—Select **Small font** or **Large font**.
 - Message overwriting**—Select **Sent items only**, **Inbox only**, **S. items & Inbox**, or **Off**.
 - Save to Sent items as sending**—Select **Always save**, **Always prompt**, or **Off**.

When the message memory is full, your device cannot send or receive any new messages. However, you can set your device to automatically replace old messages in the Inbox and Sent items folders when new ones arrive.

Message folders

Save messages to folders

You can save drafts of messages or received messages to an existing folder or to a folder that you have created.

To save a draft of a message you are creating or a received message to a folder, select **Options** > **Save message** and a folder you have created, **Sent items**, **Templates**, or **Archive**.

View saved messages

- 1 In the standby mode, select **Menu** > **Messages** > **Text messages**.
- 2 Select the folder containing the message you wish to view.
- 3 When the folder opens, select the message you wish to view.

Inbox folder

Unopened messages are automatically stored in the inbox. Select **Menu** > **Messages** > **Text messages** > **Inbox** and the message you want to read. You can select **Back** to return to the inbox, or select **Options** to respond to the message. See "Options while reading a message" on page 33.

Sent items folder

Messages that you have sent and messages that you have created but have not sent are automatically stored in the sent items folder.

When sending messages, set **Save to Sent items as sending** to **Always save** or **Always prompt** to ensure that your messages are saved. If **Save to Sent items as sending** is **Off**, sent messages are not stored in the sent items folder. To change the settings, select **Menu** > **Messages** > **Text messages** > **Message settings** > **Other settings** > **Save to Sent items as sending**.

Archive folder

Store messages that have been read in the **Archive** folder.

Templates folder

Pictures and prewritten templates are stored in the **Templates** folder. Preloaded templates can be edited and customized.

Picture templates are a carrier dependent feature.

My folders

To keep your messages organized, create custom folders and save some of your messages there.

Add a folder

- 1 In the standby mode, select **Menu** > **Messages** > **Text messages** > **My folders** > **Options** > **Add folder**.
- 2 Enter a name for the new folder, and select **OK**.

Rename a folder


- 1 In the standby mode, select **Menu** > **Messages** > **Text messages** > **My folders**. Any folders that you have created are displayed.
- 2 Scroll to the folder you wish to rename, and select **Options** > **Rename folder**.
- 3 Select and hold **Clear** to delete the existing entry.
- 4 Enter the new name for the folder, and select **OK** to confirm or **Back** to exit.

Delete a folder

Only folders created in My folders can be deleted. The Inbox, Sent items, Archive, and Templates folders are protected. When you delete a folder, all messages in the folder are also deleted.

- 1 In the standby mode, select **Menu** > **Messages** > **Text messages** > **My folders**.
- 2 Scroll to the folder you wish to remove, and select **Options** > **Delete folder**.
- 3 Select **OK** to delete or **Back** to exit.

Delete messages

If your message memory is full and you have more messages waiting at the network,  blinks on the screen in the standby mode. You can do the following:

- Read some of the unread messages, and delete them.
- Delete messages from some of your folders.

Single message

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

- 1 In the standby mode, select **Menu** > **Messages** > **Text messages**.
- 2 Select the folder containing the message you wish to delete.
- 3 Select the message you wish to delete.
- 4 Select **Options** > **Delete** > **OK** to delete the message or **Back** to exit.

All messages in a folder

- 1 In the standby mode, select **Menu** > **Messages** > **Text messages** > **Delete messages**.
- 2 Select the folder containing the messages you wish to delete.
 - All**—Deletes all messages in all of the folders.
 - All read**—Deletes any messages that have been read in all of the folders.

All unread—Deletes any messages that have not been read in all of the folders.

Inbox—Deletes all messages from the **Inbox** folder.

Sent items—Deletes all messages from the **Sent items** folder.

Archive—Deletes all messages from the **Archive** folder.

User defined folders—All user defined folders that the user has added under **My folders** are displayed at the end of the predefined folders.

- 3 Select **OK** to empty the folder.

Voice messages

If you subscribe to voice mail, your wireless provider will furnish you with a voice mailbox number. You need to save this number to your device to use voice mail. When you receive a voice message, your device displays a notification and may beep or vibrate. If you receive more than one message, your device shows the number of messages received.

Save voice mailbox number

Your wireless provider may have already saved your voice mailbox number to your device. If so, the number will appear in the display in step 2. Select **OK** to leave the number unchanged.

- 1 In the standby mode, select **Menu > Messages > Voice messages > Voice mailbox number**.
- 2 If the box is empty, enter the voice mailbox area code and number.
- 3 Select **OK**.

Call and set up your voice mail

- 1 When you have saved the voice mailbox number, press and hold **1** from standby mode.
- 2 When you connect to voice mail and the prerecorded greeting begins, follow the automated instructions to set up your voice mail.

Listen to your voice messages

You can dial your voice mailbox number in one of these ways:

- Dial the number using the keypad.
- Press and hold **1**.
- Select **Listen** if there is a notification message in the display.
- In the standby mode, select **Menu > Messages > Voice messages > Listen to voice messages**.

When you connect and the prerecorded greeting begins, follow the automated instructions to listen to your voice messages.

Automate voice mail

To automatically access your voicemail messages, you can insert special characters called dialing codes into phone numbers and save the number to a speed dialling location. Dialing codes instruct the receiving system to pause, wait, bypass, or accept the numbers that follow them in the dialing string.

Voice mail services vary by service provider. The following instructions are examples of common operations. Please check with your service provider for specific instructions for using your voice mail service.

Voice mailbox number and process

- 1 Write down your voice mailbox number.
- 2 Call and check your voice mail as you normally would.

Dialing code	Indicates...
*	Bypasses a set of instructions.
+	Causes the International access code to be replaced by +. This is a carrier-dependent feature.
p	Pauses for 2.5 seconds before sending any numbers that follow.
w	Waits for you to press the call key before sending the numbers or codes that follow.

- 3 Write down your step-by-step interaction with the recorded prompts. Remember that each voice mail service varies. Your steps may resemble the following: Dial 2145551212, pause 5 seconds, press 1, pause 2 seconds, press 1234 and *.
Be precise; you need this information to set up your voice mail with dialing codes.

Dialing codes

Press * repeatedly to cycle through dialing codes. When the desired code appears in the display, pause briefly and the code is inserted into the dialing string.

The following dialing codes are available:

Set up voice mail with dialing codes

- 1 In the standby mode, select **Contacts > speed dialling**.
- 2 Scroll to an empty speed dialling slot, and select **Assign**.
- 3 Enter your voice mailbox number, including the area code.
- 4 Refer to dialing codes, and enter codes as necessary using the information that you saved from "Voice mailbox number and process" on page 37.
For example, if you pause for 5 seconds after connecting to voice mail, enter p twice after the voice mailbox number (for example, 2145551212pp).
- 5 Enter any remaining pauses or other information that allows you to listen to your messages, and select **OK**.
- 6 Enter a name (such as voice mail), and select **OK**.

To dial and listen to your voice mail, press and hold the assigned speed dialling key in the standby mode.

Picture messages

Picture messaging is a network service. If your wireless service provider supports this feature, your device comes with five preloaded pictures. You can, however, over-write any of the five pictures that come with your device. Pictures can be attached to a message and sent using text messaging to compatible devices or PCs. Picture messages behave the same as text messages, but pictures take up

more space than text. Pictures are stored in the templates folder at **Menu > Messages > Text messages > Templates**.

Note: Picture message function can be used only if it is supported by your network operator or service provider. Only devices that offer picture message features can receive and display picture messages.

Copyright protections may prevent some images, ringing tones, and other content from being copied, modified, transferred, or forwarded.

Write and send

When a picture is added to a text message, the message converts to picture message. The message counter in the upper right of your display shows the characters available for you to type in.


- 1 In the standby mode, select **Menu > Messages > Text messages > Create message**. Depending on your wireless provider, you may also select **Text**; then, select **Edit message**.
- 2 Write a message using the keypad (or enter nothing if you choose to just send a picture), and select **Options > Insert picture**.
- 3 Scroll down through the pictures, and select **View**.
- 4 Select **Insert** to insert the picture into your message; otherwise select **Back**, scroll to another picture, and select **View** again.


- 5 To send the picture message, select **Options** > **Send**.
- 6 Select **Add number**.
- 7 Enter the phone number for your recipient, or select **Search** to retrieve a number from the contacts list and **OK**.
- 8 Select **Options** > **Send**.

Note: Picture images are not saved in sent items.

Note: Pictures can only be received via SMS.

View a picture message

When you receive a picture message, a message received notification and  appear in the display.

- 1 Select **Show** to view the picture message, or select **Exit** to dismiss notification.
- 2 If you have more than one picture message, select the message of your choice.
When you have unopened picture messages in your inbox,  appears in the upper left corner of the screen in the standby mode as a reminder.
- 3 Scroll to view the whole picture if necessary.
- 4 When you are finished, select **Back** to exit, or **Options** for other choices such as **Reply** or **Forward**.

If you want to save the picture to your templates folder for later use, select **Options** > **Save picture**. Enter a title for the picture, and select **OK**.

If your templates folder is full of pictures, select the picture you want to replace.

Minibrowser messages

Minibrowser messaging is a network service. See "Network Services" on page 8.

If your wireless service provider supports this feature, you can check for e-mail messages using the minibrowser. In the standby mode, select **Menu** > **Messages** > **Minibrowser messages** > **Connect**.

For information on using the minibrowser in your device to access Web pages, see "Minibrowser" on page 66.

Call log



Call log stores information about the last 20 missed, 20 received, or 20 dialed calls. It also adds the total duration of all calls. When the number of calls exceed the maximum, the most recent call replaces the oldest.

Whether viewing missed, received, or dialed calls, the menu options are the same:

Call time—Display the date and time of the call.

Send message—Send a message to the number.

View number—Display the number.

Use number—Make a call using the number.

Save—Enter a name for the number and save it to your contacts list.

Add to contact—Add the number to an existing entry in your contacts list, if the number is not associated with a name.

Delete—Clear the number from memory.

Call—Call the number.

View missed calls

Missed calls are calls that were either declined or never answered. The missed calls feature does not function when your device is switched off.

- 1 If a missed call notification appears in the display, select **List**; otherwise, in the standby mode, select **Menu > Call log > Missed calls**.
- 2 Select a name or number and **Options**.
- 3 Select an option.

View received calls

Received calls are calls that have been answered.

- 1 In the standby mode, select **Menu > Call log > Received calls**.
- 2 Select a name or number and **Options**.
- 3 Select an option.

Dialed numbers

Dialed calls are previous numbers you have dialed from your device:

- 1 In the standby mode, press the call key, or select **Menu** > **Call log** > **Dialed numbers**.
- 2 Select a name or number and **Options**.
- 3 Select an option.

Call times

You can make or receive calls to or from the same number and view the time each call occurred. Your clock must be set for this feature to work accurately.

- 1 While viewing a missed, received, or dialed call, select **Options** > **Call time**.
- 2 Scroll down to view the most recent call times from this number.
- 3 Select **Back** to return to the options list.

Delete call logs

You can delete any missed, received, or dialed calls from device memory.

- 1 In the standby mode, select **Menu** > **Call log** > **Delete recent call lists**.
- 2 Select the call type you would like to clear: **All**, **Missed**, **Received**, or **Dialed**.

Duration of calls

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

Last call

In the standby mode, select **Menu** > **Call log** > **Call timers** > **Duration of last call** to view the duration of the last call.

Show call time on display

In the standby mode, select **Menu** > **Call log** > **Call timers** > **Duration of last call** > **Details** > **Show call time on display**, and set to **On** or **Off**.

Dialed calls

In the standby mode, select **Menu** > **Call log** > **Call timers** > **Duration of dialed calls** > **Details** to view the duration of calls you made.

Received calls

In the standby mode, select **Menu** > **Call log** > **Call timers** > **Duration of received calls** > **Details** to view the duration of calls you received.

All calls

In the standby mode, select **Menu > Call log > Call timers > Duration of all calls** to view the duration of all calls.

Life timer

In the standby mode, select **Menu > Call log > Call timers > Life timer**.

Some timers, including the life timer, may be reset during service or software upgrades.

Clear timers

In the standby mode, select **Menu > Call log > Call timers > Clear timers**, enter your security code, and select **OK**.

Duration of data and fax calls

Data and fax calls are a network service. See "Network Services" on page 8 for more information. If your wireless service provider supports this feature, you can view the size or duration of sent or received data and fax calls.

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

In the standby mode, select **Menu > Call log > Data/fax calls** and scroll to one of the following options:

Last sent data/fax—View the size (kB) of the last send data or fax call.

Last received data/fax—View the size (kB) of the last received data or fax call.

All sent data/fax—View the size (kB) of all sent data and fax calls.

All received data/fax—View the size (kB) of all received data and fax calls.

Duration of last data/fax call—View the duration time of the last data or fax call.

Duration of all data/fax calls—View the duration time of all calls.

Clear all data/fax logs—Select **OK > Yes** to clear all data and fax logs.

Duration of minibrowser calls

Minibrowser is a network service and is a carrier dependent feature. See "Network Services" on page 8. If your wireless service provider supports this feature, you can view the size or duration of sent or received data from the Minibrowser.

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

- 1 In the standby mode, select **Menu > Call log > Minibrowser calls**.
- 2 Scroll to one of the following options:
 - Last sent browser data**—View the size (kB) of the last send browser data.
 - Last received browser data**—View the size (kB) of the last received data.
 - All sent browser data**—View the size (kB) of all sent browser data.
 - All received browser data**—View the size (kB) of all received browser data.
 - Last browser session**—View the duration time of the last browser session.
 - All browser sessions**—View the duration time of all browser sessions.
 - Clear all browser logs**—Select **OK > Yes** to clear all browser registers.

Settings



Use this menu to set or change profiles, tone settings, call settings, phone settings, time and date settings, voice commands, enhancement settings, security settings, network settings, network services, or to restore the factory settings.

Profiles

Profiles define how your device reacts when you receive a call or message, how your keypad sounds when you press a key, and more. Ringing options, keypad tones, and other settings for each of the available profiles can be left at their default setting, or customized to suit your needs. The following profiles are available: Normal, Silent, Meeting, Outdoor, and Pager.

Profiles are also available for enhancements such as a headset and car kit. See "Enhancement settings" on page 52.

Activate

- 1 In the standby mode, select **Menu** > **Settings** > **Profiles**.
- 2 Select the profile of your choice.

- 3 Select **Activate**.

Personalize a profile

You can personalize any of the profiles a variety of ways.

- 1 In the standby mode, select **Menu** > **Settings** > **Profiles**.
- 2 Select the profile you wish to customize.
- 3 Select **Customize**.
- 4 Select the option you want to customize: **Incoming call alert**, **Ringing tone**, **Ringing volume**, **Vibrating alert**, **Light alert**, **Message alert tone**, **Keypad tones**, **Warning tones**, **Alert for**, or **Profile name**.

You cannot rename the Normal profile.

Select **Alert for** to set the phone to ring only upon calls from phone numbers that belong to a selected caller group. Scroll to the caller group you want or **All calls**, and select **Mark** or **Unmark** > **Done**. To set the phone to ring for every call, select **All calls** > **Mark** > **Done**.

Set a timed profile

Timed profiles can be used to prevent missed calls. For example, you attend an event that requires your device be set to **Silent** before the event starts, but you forget to return it to **Normal** until long after the event. A timed profile can prevent missed calls by returning your device to the default profile at a time you specify.

Timed profiles can be set up to 24 hours in advance.

- 1 In the standby mode, select **Menu > Settings > Profiles**.
- 2 Select the profile you wish to activate.
- 3 Select **Timed**.
- 4 Enter the time for the profile to expire, and select **OK**.

Tone settings

From this menu, you can adjust the ringing volume, keypad tones, and other tone settings for the currently active profile. You can also set the device to ring for calls from phone numbers that belong to a selected caller group. See "Personalize a profile" on page 44.

Call settings

Anykey answer

Anykey answer allows you to answer an incoming call: briefly press any key except the power key, right selection key, or end key.

In the standby mode, select **Menu > Settings > Call settings > Anykey answer > On** or **Off**.

Automatic redial

Occasionally, your network may experience heavy traffic, resulting in a fast busy signal when you dial. With automatic redial activated, your device redials the number until the call is successful, or is terminated.

In the standby mode, select **Menu > Settings > Call settings > Automatic redial > On** or **Off**.

Speed dialling

You can activate or deactivate speed dialling. In the standby mode, select **Menu > Settings > Call settings > speed dialling > On** or **Off**. See "Speed dialling" on page 25.

Auto-update of service

This feature is a network service. Your device is capable of receiving updates to network services sent to your device by your service provider.

In the standby mode, select **Menu > Settings > Call settings > Auto-update of service > On** or **Off**.

Minibrowser confirmation

You can specify whether or not you want your device to display messages when you begin or end a browser session.

- 1 Select **Menu > Settings > Call settings > Minibrowser confirmation**.
- 2 Select one of the following options:
 - None**—No confirmation notes are displayed.
 - On connection**—Device asks you to confirm your awareness to possible charges incurred for Internet access.
 - On exit**—Device asks you to confirm your wish to end browsing.
 - Both**—Confirmation required before connecting to the Internet and before you terminate a browser session.

Calling card

If you use a calling card for long distance calls, you can save the calling card numbers in your device. Your device can store up to four calling cards.

Save information

- 1 In the standby mode, select **Menu > Settings > Call settings > Calling card**.
- 2 Enter your security code, and select **OK**.
- 3 Scroll to one of the four memory locations, and select **Options > Edit > Dialing sequence**.
- 4 Select one of the following sequence types:
 - Access no. + phone no. + card no.**—Dial the calling card access number, phone number, card number, and PIN, if required.
 - Access no. + card no. + phone no.**—Dial the calling card access number, card number, PIN (if required), and phone number.
 - Prefix + phone no. + card no.**—Dial the prefix (numbers that must precede the phone number), phone number, card number, and PIN (if required).
- 5 Enter the required information (access number or prefix and card number), and select **OK** to confirm your entries.
- 6 Select **Card name**.
- 7 Enter the card name, and select **OK**.

Contact your calling card company for more information.

Make calls

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

- 1 In the standby mode, select **Menu > Settings > Call settings > Calling card**.
- 2 Enter your security code, and select **OK**.
- 3 Scroll to the calling card of your choice, and select **Options > Select > OK**.
- 4 Press the end key to return to the standby mode; then 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.
- 5 Press and hold the call key for a few seconds until **Card call** is displayed.
- 6 When you hear the tone or system message, select **OK**.

International prefix

International prefix options are carrier dependent.

You can store an international dialing prefix into your device. When you enter + at the beginning of a phone number, your device automatically inserts the international dialing prefix that you have stored.

- 1 In the standby mode, select **Menu > Settings > Call settings > International prefix**.

- 2 Enter the international dialing prefix (for example, 0011) and select **OK**.
- 3 In the standby mode, press * twice to use + and enter the phone number you wish to call, for example, +3546789.
The device dials the international dialing prefix you have stored in your device and the phone number you have entered (for example, the device dials 00113546789).

Data and fax calls

Data or fax calls is a network service. See "Network Services" on page 8.

If your wireless service provider supports this feature, you can set up the device to send or receive data or fax calls when a terminal, such as a PDA or PC, is connected.

For better performance during data calls, place the device on a stationary surface. Do not move the device by holding it in your hand during a data call.

For more information on connectivity, see the PC/PDA Connectivity Guide. The PC/PDA Connectivity Guide can be downloaded from the Nokia Web site at <http://www.nokiausa.com/us>.

- 1 In the standby mode, select **Menu > Settings > Call settings > Data/fax calls > Incoming data/fax call** and one of the following options:

Normal—The device receives incoming calls as usual.

Data calls only—The device receives only data calls.

Fax calls only—The device receives only fax calls.

- 2 When you are finished receiving the fax or data call, repeat Steps 1 and 2 and select **Normal**.

Data transfer

To view the transmission speed when sending or receiving data or fax calls, in the standby mode, select **Menu > Settings > Call settings > Data/fax calls > Data rate display > Graphic** or **Off**.

Call Summary

Your device can display the time spent on a call when you hang up.

In the standby mode, select **Menu > Settings > Call settings > Call summary > On** or **Off**.

Phone settings

Phone language

- 1 In the standby mode, select **Menu > Settings > Phone settings > Phone language**.
- 2 Select the language of your choice.

The language setting may affect the time and date formats of the clock, alarm clock, and calendar.

Automatic keyguard

You can set the keypad of your device to lock automatically after a preset time delay.

- 1 In the standby mode, select **Menu > Settings > Phone settings > Automatic keyguard > On** or **Off**.
- 2 If you select **On**, **Set delay:** is displayed.
- 3 Enter the delay time (in minutes and seconds), and select **OK**.

When keyguard is on, it may be possible to dial the emergency number programmed into your device.

DTMF tones

DTMF tones are the tones that sound when you press the keys on your device keypad. You can use DTMF tones for many automated dial-up services such as banking and airlines or for entering your voice mailbox number and password.

DTMF tones are sent during an active call. You can send them manually from your device keypad, or send them automatically by saving them in your device.

To set the DTMF tone type:

- 1 In the standby mode, select **Menu > Settings > Phone settings > DTMF tones > Manual DTMF tones**.
- 2 Select one of the following options:
 - Continuous**—The tone sounds for as long as you press and hold a key.
 - Fixed**—Used to send tones of the duration you specify in the **DTMF tone length** option.
 - Off**—Used to turn off tones. No tones are sent when you press a key.

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

In the standby mode, select **Menu > Settings > Phone settings > DTMF tones > DTMF tone length > Short** (0.1 second) or **Long** (0.5 second).

Welcome note

You can write a welcome note that briefly appears on the display screen, if provided by your service provider, whenever you switch your device on.

Predictive text input is not available for entering Welcome note text.

- 1 In the standby mode, select **Menu > Settings > Phone settings > Welcome note**.
- 2 Enter a note (up to 44 characters).
Press * to display and select from available special characters.

- 3 When you are finished, select **Options > Save**.

Select **Delete** if you want to delete the previous text and begin creating another welcome note.

Banner

Banner is a network service. See "Network Services" on page 8.

If your wireless service provider supports this feature, you can choose whether the display shows the operator logo or your own banner in text when the device is in the standby mode.

In the standby mode, select **Menu > Settings > Phone settings > Banner > Default** or **Customize**.

Help text activation

Your device displays brief descriptions for most menu items. When you arrive at a feature or menu, pause for about 10 seconds, and wait for the help text to display. Scroll through the full help text, if necessary.

The default setting for help text is on. However, you can turn help text on or off.

In the standby mode, select **Menu > Settings > Phone settings > Help text activation > On** or **Off**.

Display brightness

You can change the brightness of your device display.

- 1 In the standby mode, select **Menu > Settings > Phone settings > Display brightness**.
- 2 Scroll up and down to adjust the brightness level to your preference.
- 3 Select **OK** to accept your settings.

Time and date settings

Time

Show or hide the clock

In the standby mode, select **Menu > Settings > Time and date settings > Clock > Show clock** or **Hide clock**.

Set the time

- 1 In the standby mode, select **Menu > Settings > Time and date settings > Clock > Set the time**.
- 2 Enter the time in hh:mm format, and select **OK**.
- 3 Select **am** or **pm** (only when the 12-hour format is in use).

Change the format

In the standby mode, select **Menu > Settings > Time and date settings > Clock > Time format > 24-hour** or **12-hour**.

Date

Show or hide the date

In the standby mode, select **Menu > Settings > Time and date settings > Date > Show date** or **Hide date**.

Set the date

- 1 In the standby mode, select **Menu > Settings > Time and date settings > Date > Set the date**.
- 2 Enter the date, and select **OK**.

Change the date format

In the standby mode, select **Menu > Settings > Time and date settings > Date > Date format** and the format of your choice.

Change the date separator

In the standby mode, select **Menu > Settings > Time and date settings > Date > Date separator** and the separator of your choice.

Set the auto-update

Auto-update is a network service. See "Network Services" on page 8.

If your wireless service provider supports this feature, you can allow the digital network to set the clock, which is useful when you are out of your home area (for example, when you travel to another network or time zone).

In the standby mode, select **Menu > Settings > Time and date settings > Auto-update of date & time > On, Confirm first**, or **Off**.

If you use the **Auto-update of date & time** option while outside your digital network, you may be prompted to enter the time manually. Network time will replace the time and date when you re-enter your digital network.

If your battery is removed or discharged outside the digital network, you may be prompted to enter the time manually (once the battery is replaced or recharged and you are still outside of the digital network).

Voice commands

Voice commands allow you to quickly perform certain commands by speaking them, instead of using the keypad to access them. For example, you can switch your profile,

call voicemail, playback a voice memo, or review recent calls by speaking the recorded command.


Add a voice command

Before using a voice command, you must add the command to the device function.

- 1 In the standby mode, select **Menu > Settings > Voice commands**.
- 2 Select the device function you wish to tag: **Profiles, Voice mailbox, Voice recorder, or Call log**.
- 3 If necessary, select an option associated with that function, and select **Options > Add command**.
- 4 Select **Start**, and speak the voice command clearly into the microphone.

Do not select **Quit** unless you want to cancel the recording.

The device replays then saves the recorded command.

 appears next to functions that have voice commands assigned.

Activate a voice command

After you have associated a voice command with a device function, you can request the function by speaking the voice command.

- 1 In the standby mode, select and hold **Contacts**.

- When **Speak now** appears, say the voice command clearly into the microphone.

When the device finds the voice command, **Found:** appears, and the device plays the recognized voice command through the earpiece. The function you requested is activated.

Voice command options

After you have associated a voice command with a function, select one of the following options:

Playback—Listen to the voice command.

Change—Change the voice command.

Delete—Erase the voice command.

Enhancement settings

The enhancement settings menu is shown only if the device has been connected to a compatible enhancement.

In the standby mode, select **Menu > Settings > Enhancement settings > Headset, Handsfree, Loopset,** or **Charger** and the desired accessory.

Security settings

Barring calls

Call barring is a network service. See "Network Services" on page 8.

If your wireless service provider supports this feature, you can restrict the calls your device can make and receive. When calls are restricted, calls still may be possible to the official emergency number programmed into your device.

- In the standby mode, select **Menu > Settings > Security settings > Call barring.**
- Enter the security code, and select **OK.**
- Select the types of calls you wish to bar:
 - Bar outgoing calls**—Calls cannot be made.
 - Bar incoming calls**—Calls cannot be received.
- Select one of the following options:
 - Select**—Bars a specific number or **All calls.** Select **Mark** to enable barring.
 - Add barring**—Enter a specific number and name, or select **Search** to enter a number from the contacts list.
 - Edit**—Allows you to edit previously entered barred numbers.
 - Delete**—Allows you to delete previously entered barred numbers.

Access codes



Note: Avoid using codes similar to emergency numbers such as 911 to prevent accidental dialing of the emergency number.

The security and lock codes control access to features and are supplied with the device. The preset security code is 12345. When you change the security code, keep the new code secret and in a safe place separate from your device.

The preset lock code is 1234. If you enter an incorrect lock code five times in a row, your device prompts you for the security code.

If you enter the wrong security code five times in succession, you will not be able to enter a code for 5 minutes, even if you power off the device between incorrect entries.

Phone lock

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

When the device is locked, calls still may be possible to the official emergency number programmed into your device.

- 1 In the standby mode, select **Menu > Settings > Security settings > Access codes > Phone lock**.
- 2 Enter the lock code, and select **OK**.
- 3 Select one of the following options:
 - On** turns the phone lock feature on immediately after the device is turned off and then on.
 - Off** immediately turns off the phone lock feature.

Call not allowed is displayed if you attempt to place a call while the device is locked.

To answer a call with phone lock on, select **Answer**, or press the call key.

Allowed phone number when phone locked

When phone lock is on, the only outgoing calls that can be made are to the emergency number programmed into your device (for example, 911 or other official emergency number) or the number stored in the Allowed number when phone locked location.

- 1 In the standby mode, select **Menu > Settings > Security settings > Access codes > Allowed number when phone locked**.
- 2 Enter the lock code, and select **OK**.
- 3 Enter the phone number; or select **Search**, recall the number from the phone book, and select **OK**.

Change the lock code

Tip: Avoid using codes similar to emergency numbers such as 911 to prevent accidental dialing of the emergency number.

The lock code controls access to features and is supplied with the device. The preset lock code is the last four digits of your phone number. When you change the lock code, keep the new code secret and in a safe place separate from your device.

- 1 In the standby mode, select **Menu > Settings > Security settings > Access codes > Change lock code**.
- 2 Enter the current lock code (the default is 1234), and select **OK**.
- 3 Enter the new lock code (4 characters), and select **OK**.
- 4 Re-enter the new lock code for verification, and select **OK**.

Change the security code

- 1 In the standby mode, select **Menu > Settings > Security settings > Access codes > Change security code**.
- 2 Enter the current security code (the default is 12345), and select **OK**.
- 3 Enter the new security code (5 characters), and select **OK**.

- 4 Re-enter the new security code for verification, and select **OK**.

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

Voice privacy

Voice privacy is a network service. See "Network Services" on page 8. If your wireless network operator supports this feature, the voice privacy feature protects the privacy of your current phone conversation from other callers placing phone calls on your same network.

In the standby mode, select **Menu > Settings > Security settings > Access codes > Voice privacy > On** or **Off**.

Network

The menu options you see in your device are based on your service provider's network. The network determines which options actually appear in the device menu. Check with your service provider for more information.

The Network menu allows you to customize the way your device chooses a network in which to operate while you are within or outside of your primary or home system. Your device is set to search for the most cost-effective network.

If your device cannot find a preferred network, it selects a network automatically based on the option you choose in the Network.

Roaming options

You can set your device to roam or search for another network when you are not in your home area. These options are carrier dependent and may differ from those described.

- 1 In the standby mode, select **Menu > Settings > Network > Roaming options**.
- 2 Select one of the following:
Home only—You can make and receive calls in your home area only.
Automatic—The device automatically searches for service in another digital network. If one is not found, the device uses analog service. The roaming rate applies when not in the home service area.
- 3 Select **OK**, if necessary, to confirm the activation.

Network services features

The following features are network services. See "Network Services" on page 8.

Store a feature code

- 1 In the standby mode, select **Menu > Settings > Network services > Network feature setting**.
- 2 Enter the feature code from your service provider (for example, *900 to activate **Divert if busy**), and select **OK**.
- 3 Select **Call diverting**.
- 4 Scroll to the type of diverting that matches the feature code you entered (for example, **Divert if busy**), and select **Activate**.

The activated feature code is now stored in your device, and you are returned to the **Feature code**: field. Continue entering other feature codes (for example, *900 to cancel **Divert if busy**), or press the end key to return to the standby mode.

When you enter a network feature code successfully, the feature becomes visible in the **Network services** menu.

Call divert

Call divert tells your network to redirect incoming calls to another number. Call divert is a network service and may not work the same in all networks, so contact your wireless provider for availability.

Activate

This is a network service. All options listed may not appear in the display. Contact your wireless provider for more information.

- 1 In the standby mode, select **Menu > Settings > Network services > Call diverting**.
- 2 Select one of the following options:
 - Divert all calls**—Divert all calls to the number you specify.
 - Divert if busy**—Divert incoming calls when you are in a call.
 - Divert if not answered**—Divert incoming calls to another number if you are unable to answer. You can set a delay before diverting takes place.
 - Divert if out of reach**—Divert incoming calls when your device is off.
 - Cancel all call diverting**—Cancel any call diverting options you have set.
- 3 Select **Activate**.
- 4 Enter the number to which your calls, data, or other information will be diverted; and select **OK**.

Cancel

In the standby mode, select **Menu > Settings > Network services > Call diverting > Cancel all call diverting**.

Cancel all call diverting may affect your ability to receive voice mail messages. Contact your wireless provider for specific details.

Call waiting

If your wireless provider supports this feature, call waiting notifies you of an incoming call even while you are in a call. You can then accept, decline, or ignore the incoming call.

- 1 In the standby mode, select **Menu > Settings > Network services > Call waiting > Activate** or **Cancel**.
- 2 During a call, select **Answer**, or press the call key to answer the waiting call.
The first call is put on hold.
- 3 Press the end key to end the active call.

Send my caller ID

If your wireless service provider supports this feature, then you can prevent your number from appearing on the receiving party's caller ID.

In the standby mode, select **Menu > Settings > Network services > Send my caller ID > Yes** or **No**.

My number selection

In the standby mode, select **Menu** > **Settings** > **Network services** > **My number selection**. This feature is carrier dependent.

Restore factory settings

You can reset some of the menu settings to their original values. Data that you have entered or downloaded is not deleted (for example, entries in your contacts list are not affected).

- 1 In the standby mode, select **Menu** > **Settings** > **Restore factory settings**.
- 2 Enter the security code (the default security code is **12345**), and select **OK**.

Organizer




Your device contains features to help organize your everyday life, including an alarm clock, calendar, voice recorder, calculator, countdown timer, and stopwatch.

Alarm clock

Set an alarm

The alarm clock is based on the device clock. It sounds an alert any time you specify and works even when the device is turned off.

- 1 In the standby mode, select **Menu > Organizer > Alarm clock**. If the alarm has been previously set, select **On**.
- 2 Enter the time for the alarm in hh:mm format, and select **OK**.
- 3 Select **am** or **pm** if 12-hour format has been selected. **Alarm on** appears briefly in the display, and  appears on the screen in the standby mode.

Alarm conditions

When the alarm sounds, your device beeps and vibrates (if vibrate alert is on in the currently active profile), and lights up.

With the device on, select **Stop** to shut the alarm off, or select **Snooze**. If you select **Snooze**, the alarm stops for 10 minutes, and **Snooze on** appears in the display.

If you do not press a key, the alarms stops after 1 minute and snoozes for 10 minutes, then sounds again.

If the alarm time is reached while the device is switched off, the device switches itself on and starts sounding the alarm tone. If you select **Stop**, the device asks whether you want to activate the device for calls. Select **No** to switch off the device or **Yes** to make and receive calls. Do not select **Yes** when wireless device use may cause interference or danger.

Turn an alarm off

In the standby mode, select **Menu > Organizer > Alarm clock > Off**.

Calendar

The calendar keeps track of reminders, calls you need to make, meetings, memo, and birthdays. It can even sound an alarm for any of these events.

Monthly view provides an overview of the selected month and weeks. It also allows you to jump to a specific date. Any days or dates that appear in bold font contain calendar notes such as a meeting or reminder.

Open

In the standby mode, select **Menu** > **Organizer** > **Calendar**.

You can move the cursor in some calendar views with the scroll keys.

Go to a date

- 1 In the standby mode, select **Menu** > **Organizer** > **Calendar** > **Options** > **Go to date**.
- 2 Enter the date (for example, 07/15/2004), and select **OK**.

Note a specific date

Your device asks for further information depending on the type of note you select. You can also set an alarm for your note.

- 1 Go to the date for which you want to set a reminder. See "Go to a date" on page 59.
- 2 From the monthly view, with the date highlighted, select **Options** > **Make a note**.
- 3 Select one of the following note types:
 - Meeting**—You are prompted to enter a subject, location, and a start and end time. You are then given the option to set an alarm.
 - Call**—You are prompted to enter a phone number, a name, and the time. You are then given the option to set an alarm.
 - Birthday**—You are prompted to enter the person's name and year of birth. You are then given the option to set an alarm.
 - Memo**—You are prompted to enter a subject and an end date. You are then given the option to set an alarm.
 - Reminder**—You are prompted to enter the subject of the reminder. You are then given the option to set an alarm.
- 4 Enter your note, and select **Options** > **Save**.

View notes (day view)

After you have created some calendar notes, you can view them as follows:

- 1 In the standby mode, select **Menu** > **Organizer** > **Calendar**.
- 2 Scroll to the date containing the note.
Any days containing notes will be in bold type.
- 3 Select **Options** > **View day**.
- 4 To view a highlighted note, select **Options** > **View**.

Options while viewing a list of notes

Select **Options** while viewing a list of a day's notes and one of the following:

The options listed below are available while viewing the title of a note.

View—View the full note.

Make a note—Create a new note for the selected date.

Delete—Delete the note.

Edit—Edit the note.

Move—Move the note to another date on your calendar.

Repeat—Enable the note to recur on a regular basis (daily, weekly, bi-weekly, monthly, and yearly).

Tip: Repeat is not available for Birthday note.

Go to date—Jump to another date on your calendar.

Send note—Send the note to another device using text message, or in calendar format.

Copy—Copy the note. You can then paste the note to another date.

Settings—Set the date and time, format, the day each week starts, and whether you want your notes to auto-delete after a specified time.

Send a note

- 1 In the standby mode, select **Menu** > **Organizer** > **Calendar**.
- 2 Scroll to the date containing the note you wish to send.
Any days containing notes will be in bold type.
- 3 Select **Options** > **View day**.
- 4 Select the note you wish to send and **Options** > **Send note** > **Via calendar** or **Via text msg**.
- 5 If you select **Via calendar**, enter the number for the recipient; or select **Search** to retrieve a number from the contacts list and **OK**. The note is sent.
- 6 If you select **Via text msg**., select **Add number**.
- 7 Enter the number for the recipient; or select **Search** to retrieve a number from the contacts list and **OK**.
- 8 Select **Options** > **Send**.

Receive notes

When you receive a calendar note, your device displays notification that the calendar note arrived. Save the note in your calendar, and set an alarm for any date and time.

View notes

- 1 When your device displays notification that the calendar note arrived, select **Show**.
- 2 Scroll to view the entire message, if necessary.

Save notes

After viewing the calendar note, select **Options** > **Save**.

Discard notes

After viewing the calendar note, select **Options** > **Discard**.

Voice recorder

This feature allows you to record speech or sound with your device and listen to them later. The total available time is 60 seconds if no memos have been stored. The maximum length of a recording depends on how much memory remains available. The recorder cannot be used when a data call connection is active.

Record speech or sound

- 1 In the standby mode, select **Menu** > **Organizer** > **Voice recorder** > **Record**.
- 2 After the recorder start tone is heard, begin recording speech or sound.
- 3 When you are finished recording, select **Stop**.
- 4 Type in a name for the recording, and select **OK**. The recording is saved to the recording list.

Record list options

- 1 When you have saved a recording, in the standby mode, select **Menu** > **Organizer** > **Voice recorder** > **Recordings list**.
- 2 Scroll through the list to find your recording; then, select **Options** and one of the following:
 - Playback** —Listen to the recording using the earpiece.
 - Delete** —Erase the recording.
 - Edit title** —Rename the recording.
 - Add alarm** —Add an alarm to the recording.

Calculator

The calculator in your device adds, subtracts, multiplies, divides, calculates the square and the square root, changes the sign of the number entered, and converts currency values.

This calculator has a limited accuracy and is designed for simple calculations.

- 1 In the standby mode, select **Menu > Organizer > Calculator**.
- 2 Enter the first number in the calculation. Press # for a decimal point if necessary. Press * to cycle through the add (+), subtract (-), multiply (*), and divide (/) characters. Pause briefly to select the displayed character.
- 3 Enter the second number in your calculation.
- 4 Select **Options** (equals is highlighted).

To perform a square or square root calculation, select **Options > Square** or **Square root**. Select **Options > Change sign** to change the sign of your result.

Currency converter

You can convert foreign currency to domestic or vice versa.

- 1 In the standby mode, enter a currency amount to convert.
- 2 Select **Options > To home** or **To foreign**.
To home—converts foreign currency to domestic currency.
To foreign—converts domestic currency to foreign currency.

If you have not done so already, you are prompted to enter the exchange rate.

- 3 Enter the exchange rate (press # to insert a decimal), and select **OK**.

You can also edit the exchange rate at any time.

When you change base currency, you must key in the new rates because all previously set exchange rates are set to zero.

- 1 In the standby mode, select **Menu > Organizer > Calculator > Options > Exchange rate > Foreign unit expressed in domestic units** or **Domestic unit expressed in foreign units**.
Foreign unit expressed in domestic units—The number of home units it takes to make one unit of foreign currency.
Domestic unit expressed in foreign units—The number of foreign units it takes to make one unit of your home currency.
- 2 Enter the exchange rate, and select **OK**.


Countdown timer

You can enter a specified time (up to 99 hours and 59 minutes). When the time runs out, your device sounds an alarm.

The countdown timer only works when the device is on. When you turn off your device, the timer is no longer active.

Set the countdown timer

- 1 In the standby mode, select **Menu** > **Organizer** > **Countdown timer**.
- 2 Enter the time (in hh:mm format), and **OK**.
- 3 Enter a note for the timer, and **OK**.

 appears on the screen in the standby mode when the countdown timer is set.

When the timer runs out, your phone sounds an alarm and flashes its lights. The timer note is displayed in the standby mode. If you are using a phone function when the alarm sounds, the timer note is displayed when you return to the standby mode.

- Press any key during the alarm to stop the timer.
- In the standby mode, select **OK** to clear the timer note.
- After 60 seconds the timer alert stops automatically.

Change the time

After you have set the timer, you can change the time.

- 1 In the standby mode, select **Menu** > **Organizer** > **Countdown timer** > **Change time**.
- 2 Enter the new time, and select **OK**.

- 3 Leave the note as it was; or enter a new note, and select **OK**.

Stop the timer before the alarm sounds

After you have set the timer, you can stop the timer.

In the standby mode, select **Menu** > **Organizer** > **Countdown timer** > **Stop timer**.

Stopwatch

Your device has a stopwatch that can be used to track time. The stopwatch displays time in hours, minutes, seconds, and fractions of a second in hh:mm:ss.s format.

Using the stopwatch or allowing it to run in the background when using other features increases the demand on battery power and reduces the battery life.

Split or Lap time

Use the split time function for such things as a long distance race when you need to pace yourself.

- 1 In the standby mode, select **Menu** > **Organizer** > **Stopwatch** > **Split timing** or **Lap timing** > **Start**.
Split timing—You can use the split time function to pace yourself as you might do during a race. Select **Split** to note the lapsed time. The timer continues to

run and the split time appears below the running time. Each time you select **Split**, the new measured time appears at the beginning of the list.


Lap timing—You can use the lap time function when you want to track how long it takes to complete each cycle or lap. Select **Lap** to note the lap time. The clock stops, then immediately returns to zero for the next lap. The lap time appears below the running time. Each time you select **Lap**, the new measured time appears at the beginning of the list.

- 2 Select **Stop** to end timing and display total time.

Save, view or delete split and lap times

- To save a time while the clock is running select **Stop** > **Save**, enter a name for the measurement, and select **OK**. If you do not enter a name, the total time is used as the default title for the lap or split time.
- To view the last measured time, in the standby mode, select **Menu** > **Organizer** > **Stopwatch** > **Split timing** or **Lap timing** > **Show last time**.
- To browse saved times, in the standby mode, select **Menu** > **Organizer** > **Stopwatch** > **Split timing** or **Lap timing** > **View times**.
- To delete a saved time, from **Stopwatch**, select **View times** > **Select** > **Delete** or select **Delete times** > **One by one** or **Delete all**.

Operation note

If you press the end key and return to the standby mode, the clock continues to run in the background, and  appears in the upper left corner of the screen.

To return to the stopwatch, do the following:

- 1 In the standby mode, select **Menu** > **Organizer** > **Stopwatch** > **Continue**.
- 2 To stop the clock, select **Stop**.



Games

Challenge yourself to one of the fun games in your device.

Some menus listed are network services. Contact your wireless provider for more information.

Game settings

In the standby mode, select **Menu** > **Games** > **Settings** > **Game sounds**, **Game lights**, or **Shakes**.

Play a game

- 1 In the standby mode, select **Menu** > **Games** > **Select game**.
- 2 Select a game.
- 3 Options and submenus vary with each game. Select one of the following options, if supported by the game:
 - New game**—Launches a new game.
 - High scores**—View the high scores for this game (if previously played).
 - Instructions**—View instructions for playing the game. Select **More** for more information.

Minibrowser



Minibrowser is a carrier dependent feature and a network service. See "Network Services" on page 8.

Your device has a built-in browser you can use to connect to selected services on the mobile Internet. If your wireless service provider supports this feature, then you can view weather reports, check news or flight times, view financial information, and much more. The Web browser on your device can display WAP-based content.

Your device may have some bookmarks loaded for sites not affiliated with Nokia. Nokia does not warrant or endorse these sites. If you choose to access them, you should take the same precautions, for security or content, as you would with any Internet site.

Mobile Internet access

Because mobile Internet content is designed to be viewed from your device, your wireless provider is now your mobile Internet service provider as well.

Your wireless provider has created a home page and set up your browser to go to this page when you log on to the

mobile Internet. At your service provider's home page, you may find links to a number of other sites.

It should not be necessary to manually configure the browser on your device. Normally this is done by your wireless provider when you have subscribed to the feature. Contact your wireless provider if you have problems using the browser.

Sign on to the mobile Internet

Depending on your device's carrier, in the standby mode, select [Menu](#) > [Minibrowser](#) > [Connect](#).

After a brief pause, your device attempts to connect to your wireless provider's home page. If you receive an error message, your device may not be set up for browsing. Contact your wireless provider to make sure that your device is configured properly.

Navigate the mobile Internet

Since your device screen is much smaller than a computer screen, mobile Internet content is displayed differently than you may be accustomed to seeing. This section

contains guidelines for using device keys to navigate a WAP site.

Device keys

- To browse the WAP site, scroll up or down.
- To back-step one page, press end.
- To select a link or perform an action on a page, press the selection key that corresponds to that action.
- To change the text input mode, press # until the desired mode is displayed.
- To enter letters and numbers, press a key from 0–9. Press a key once to insert the first letter on the key, twice for the second letter, etc.
- To enter special characters, press * in text mode.

Receive a call while online

If your data connection is not active, you may still be able to receive a voice call while using the WAP browser.

To answer the incoming call, press the call key. To decline the call, press the end key.

During your voice call, you may not be able to load new pages into the browser.

If your data connection is active, then the incoming calls may be automatically diverted to voice mail, depending on your carrier.

Make an emergency call while online

You can end your data connection and then make an emergency call.

- 1 To close your mobile Internet connection, press and hold the end key.
- 2 Enter the emergency number for your present location (for example, 911). Emergency numbers vary by location.
- 3 Press the call key.

Disconnect

To close your mobile Internet connection, press and hold the end key.

PC Connectivity

With the PC Suite you can create and send text and picture messages and synchronize contacts and calendar between your device and a compatible PC. You may find more information for PC suite in the support area on the Nokia Web site, www.nokiausa.com.

Some of the features in PC Suite are carrier dependent.

PC suite

The PC Suite contains the following features:

- Nokia Image Converter to make images usable for multimedia messages or wallpapers and to transfer them to your device.
- Nokia Sound Converter to edit polyphonic ringing tones to be compatible with your device and to transfer them to your device.
- Nokia Content Copier to copy information or back up information from your device to the PC or to another compatible Nokia device.
- Nokia Phone Editor to send text messages and edit the contacts directory and message settings of your device.

- Nokia PC Sync to synchronize the contacts directory and calendar between your device and a compatible PC.
- Nokia Connection Manager to select the connection type between the PC and the device.
- Nokia Phone Browser to copy images and tones from your device to your PC and vice versa.

Copyright protection may prevent some images, ringing tones, and other content from being copied, modified, transferred, or forwarded.

Battery information

Charging and discharging batteries

Your device is powered by a rechargeable battery. The full performance of a new battery 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 talk and standby times are noticeably shorter than normal, buy a new battery. Use only Nokia approved batteries, and recharge your battery only with Nokia approved chargers designated for this device.

Unplug the charger from the electrical plug and the device when not in use. Do not leave a fully charged battery connected to a charger. Overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time. Temperature extremes can affect the ability of your battery to charge.

Use the battery only for its intended purpose. Never use any charger or battery that is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a

spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

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

Do not dispose of batteries in a fire! Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

Nokia battery authentication guidelines

Always use original Nokia batteries for your safety. To check that you are getting an original Nokia battery, purchase it from an authorized Nokia dealer, look for the Nokia Original Enhancements logo on the packaging and inspect the hologram label using the following steps:

Successful completion of the four steps is not a total assurance of the authenticity of the battery. If you have any reason to believe that your battery is not an authentic original Nokia battery, you should refrain from using it and take it to

the nearest authorized Nokia service point or dealer for assistance. Your authorized Nokia service point or dealer will inspect the battery for authenticity.

If authenticity cannot be verified, return the battery to the place of purchase.

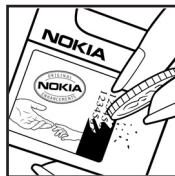
Authenticate hologram

Authenticate hologram



1When looking at the hologram on the label, you should see the Nokia connecting hands symbol from one angle and the Nokia Original Enhancements logo when looking from another angle.

2When you angle the hologram left, right, down, and up, you should see 1, 2, 3, and 4 dots on each side respectively.



3Scratch the side of the label to reveal a 20-digit code, for example, 12345678919876543210. Turn the battery so that the numbers are facing upwards. The 20-digit code reads starting from the number at the top row followed by the bottom row.

4Confirm that the 20-digit code is valid by following the instructions at www.nokia.com/batterycheck.

What if your battery is not authentic?

If you cannot confirm that your Nokia battery with the hologram label is an authentic Nokia battery, please do not use the battery. Take it to the nearest authorized Nokia service point or dealer for assistance. The use of a battery that is not approved by the manufacturer may be dangerous and may result in poor performance and damage to your device and its enhancements. It may also invalidate any approval or warranty applying to the device.

To find out more about original Nokia batteries visit www.nokia.com/battery.

Charging times

The following charging times are approximate with the BL-6C 1070 mAh Li-Ion battery:

Travel Charger (ACP-12): up to 1 hour 45 minutes

Standard Travel Charger (ACP-7): up to 3 hours 45 minutes

Care and maintenance

Your device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, remove the battery and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not attempt to open the device other than as instructed in this guide.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not paint the device. 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 device and may violate regulations governing radio devices.

All of the above suggestions apply equally to your device, battery, charger, or any enhancement. If any device is not working properly, take it to the nearest authorized service facility for service.

Additional safety information

Operating environment

Remember to follow any special regulations in force in any area and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. To maintain compliance with radio frequency exposure guidelines only use enhancements approved by Nokia for use with this device. When the device is on and being worn on the body, always use an approved holder or carrying case.

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

Medical devices

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical phones. 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.

PACEMAKERS Pacemaker manufacturers recommend that a minimum separation of 6 inches (15.3 cm) be maintained between a 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 (15.3 cm) from their pacemaker when the phone is switched on
- not carry the phone in a breast pocket; and
- hold the device to the ear opposite the pacemaker to minimize the potential for interference

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

HEARING AIDS Some digital wireless phones may interfere with some hearing aids. If interference occurs, consult your service provider.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock)

braking systems, electronic speed control systems, air bag systems. For more information, check with the manufacturer or its representative of your vehicle or any equipment that has been added.

Only qualified personnel should service the device, or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless device 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 device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including 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.

Potentially explosive environments

Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, 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), and areas where the air contains chemicals or particles such as grain, dust or metal powders.

Emergency calls



Important: Wireless phones, including this device, operate using radio signals, wireless networks, landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. You should never rely solely on any wireless device for essential communications like medical emergencies.

To make an emergency call, do the following:

- 1 If the device is not on, switch it on. Check for adequate signal strength.
- 2 Press the end key as many times as needed to clear the display and ready the phone for calls.
- 3 Enter the official emergency number for your present location. Emergency numbers vary by location.
- 4 Press the call key.

If certain features are in use, you may first need to turn those features off before you can make an emergency call. If the device is in offline or flight mode you must change the profile to activate the phone function before you can make an

emergency call. Consult this guide or your service provider for more information.

When making an emergency call, give all the necessary information as accurately as possible. Your wireless device 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 DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your mobile device 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 devices 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 device 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 device while operating can be well below the maximum value. This is because the device 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 device.

The highest SAR value for this device when tested for use at the ear is 0.75 W/kg.

This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 2.2 cm away from the body. When a carry case, belt clip or holder is used for body-worn operation, it should not contain metal and should position the product at least 2.2 cm away from your body.

In order to transmit data files or messages, this device requires a quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure the above separation distance instructions are followed until the transmission is completed.

* The SAR limit for mobile devices 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.

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