Nokia 6215i User Guide

LEGAL INFORMATION

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The information contained in this user guide was written for the Nokia 6215i products. Nokia operates a policy of ongoing development. Nokia reserves the right to make changes to any of the products described in this document without prior notice.

EXPORT CONTROLS: This device may contain commodities, technology, or software subject to export laws and regulations from the U.S. and other countries. Diversion contrary to law is prohibited.

FCC/INDUSTRY CANADA NOTICE: Your device may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC or Industry Canada can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, contact your local service facility. This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by Nokia could void the user's authority to operate this equipment.

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

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

BACK-UP 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 device is switched on and in service. Press the end key as many times as needed to clear the display and return to the main screen. Enter the emergency number, then press the send key. Give your location. Do not end the call until given permission to do so.

■ About your phone

The wireless phone described in this guide is approved for use on the following Verizon networks: CDMA 800 and 1900 MHz and CDMA2000 1xRTT. Contact Verizon for more information about networks.

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

Warning: To use any features in this phone, the phone must be switched on. Do not switch the phone on when wireless phone 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 phone 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 them. 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.

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

Welcome

Congratulations on your purchase of this Nokia mobile phone. Your phone provides many functions that are practical for daily use, such as a hands-free speaker phone, alarm clock, calculator, calendar, camera, image and data downloads, and more. To personalize your phone you can set your favorite ringtones.

■ Getting help

If you need help, the Nokia Care Contact Center is available for assistance. Before calling, we recommend that you write down the electronic serial number (ESN) and your zip code (only in the US) and have it available.

Find your device label

The ESN is found on the type label, which is located beneath the battery on the back of the phone. See "Remove the back cover," p. 13.
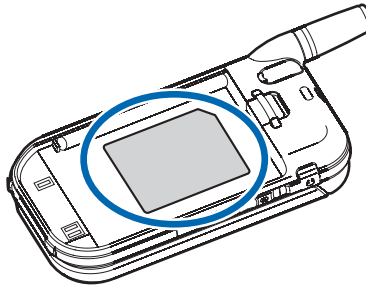
Accessibility solutions

Nokia is committed to making mobile phones easy to use for all individuals, including those with disabilities. For more information visit the Web site at **www.nokiaaccessibility.com**.

Nokia support and contact information

Check **www.nokiausa.com/support** or your local Nokia Web site for the latest version of this guide, additional information, downloads, and services related to your Nokia product.

On the Web site, you can get information on the use of Nokia products and services. If you need to contact customer service, check the list of local Nokia Care Contact Centers at **www.nokia.com/customerservice**.

For maintenance services, check your nearest Nokia Care Contact Center location at **www.nokia.com/repair**.

Billing and customer service

To reach Verizon's billing and customer service support, dial 1-800-256-4646.

■ Get the most out of this guide

The following sections illustrate the various components of your phone. 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 pqrs.

- **Press and hold** means to press and hold a key for 2–3 seconds; then release the key.

- Selection keys and the center selection key are used to select a menu option. To select an option, press the selection key below the menu item on the phone screen, or press the center selection key for the *OK* or select options, if shown.

- The scroll key is used to move up, down, left, or right in the menus.

- Call and end keys: Press the send 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 the start screen.

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1. Phone at a glance

Earpiece (1)

Main display (2)

Center selection key (3)

Right selection key (4)

Camera key (5)

End/power key (6)

Keypad (7)

Microphone (8)

Clear (CLR) key (9)

Send key (10)

Speaker phone key (11)

Left selection key (12)

Scroll key (13)
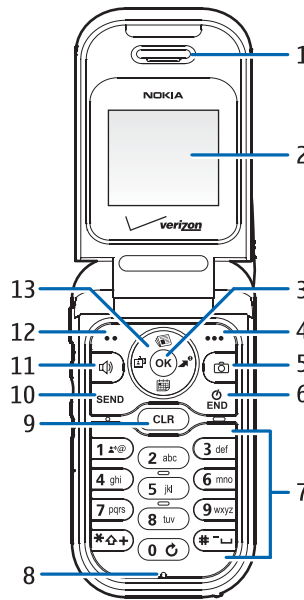
Headset jack (1)

Volume keys (2)

Camera key (3)

Charger port (4)

Speaker (5)

Charge/activity LED (6)

Mini display (7)

Camera flash (8)

Camera lens (9)

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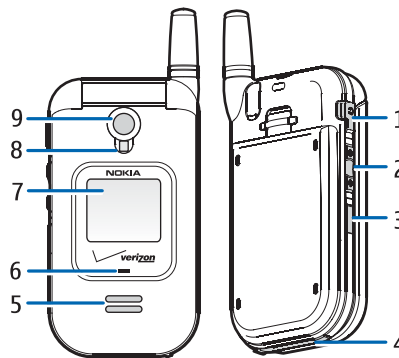
■ The standby mode

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

Battery level (1)—Four bars indicate a fully charged battery.

Location (2)—Location information sharing mode.

Contacts (3)—Press the right selection key to select this option.

Message (4)—Press the left selection key to select this option.

Menu (5)—Press the center selection key to select this option.

Signal strength (6)—The strength of the signal received by the phone is indicated by the number of bars displayed. (Signal strength not shown in standalone mode.)
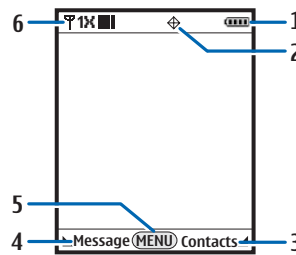
■ Indicators and icons

Depending on your phone settings and modes, some or all of the following indicators and icons may appear in the standby mode. See "Phone information," p. 56, for instructions on how to display the complete *Icon Glossary*.

〒 1X ▮▮▮	Signal strength indicator. You are in a 1XRTT network. See "Network services," p. 5.
〒 D ▮▮▮	Signal strength indicator. You are in a digital network. See "Network services," p. 5.
	No service indicator: the phone is not in service.
▣▮▮▮	Battery strength indicator.
	Call state indicator: a call is in progress. No icon indicates the phone is in the standby mode.
⇄	Data session: a wireless data communication is in progress.
▲	You are roaming outside your home network.

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⑤	SSL security feature is on.
⌂	TTY is enabled.
⊕	Location information sharing is set to *E911 Only*. See "Security," p. 52.
⊕⑴	Location information sharing is set to *Location On*. See "Security," p. 52.
P	Voice privacy is activated.
♫	Sounds are set to off.
♫	Alarm only is on.
⏰	Alarm is set to on.
⊘ OFF	Standalone mode is on.
◀⑴	Speaker phone is set to on.
⑴⎍⑴	Vibrate mode is set to on.
▦	A schedule entry is set.
⌨	There are new voice mails.
☑	There are new messages in your inbox.
↳	You have missed calls.

■ Phone menus

Phone features are grouped according to function and are accessed through the main menus (*Get It Now*, *Messaging*, *Contacts*, *Recent Calls*, and *Settings & Tools*). Each main menu contains submenus and lists from which you can select or view items and customize your phone features. To access these submenus, enter the number associated with the option. You may also use the scroll method.

The left, right, and center selection keys are also called soft keys. The function associated with the selection keys can change for each phone menu and depends on each selected feature.

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Some features may not be available, depending on your network. Contact Verizon for more information.

■ Scroll method

1. In the standby mode, use the right and left selection keys to select *Message* or *Contacts*. To access the main menus, select *Menu* with the center selection key, then scroll left or right.

   To provide a visual representation of your current position in the menu structure, a scroll bar may be displayed on the right side of the screen.

2. Press the clear key (CLR) to return to the previous screen except when in a voice call, creating a TXT message, or in a wireless or *Get It Now* application.

3. Press the end key to return to the standby mode from any menu or submenu.

■ Scroll key

You can use the scroll key to move up, down, left, and right through the menu options. Press the center selection key to select an item.

Depending on how you configure your phone, some or all of the following menu shortcuts may be available in the standby mode using the scroll key. See "Shortcut key," p. 51.

Up—Launch browser.

Right—View *Get It Now* menu.

Down—Go to calendar.

Left—*Get PIX*.

Press *OK*—Select highlighted menus and submenus.

2. Set up your phone

■ Antenna

Your device has both an internal and external antenna. The wireless signal antenna is external and located towards the top of the phone. To improve the signal strength on your phone, extend the external antenna as far as possible while in use. An internal GPS antenna is activated when you place an emergency call or when you select *Location On* from the *Location* menu. See "Security," p. 52.

Hold the phone as you would any other telephone with the antenna area pointed up and over your shoulder.

As with any other radio transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed. Not touching the antenna area during a phone call optimizes the antenna performance and battery life.
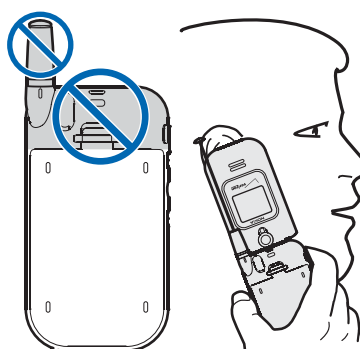
■ Replace the battery

The battery is built into the back cover of your phone.

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

Remove the back cover

1. With the back of the phone facing you, slide the release button up (1).

2. Use the side grips to lift the back cover from the device (2).
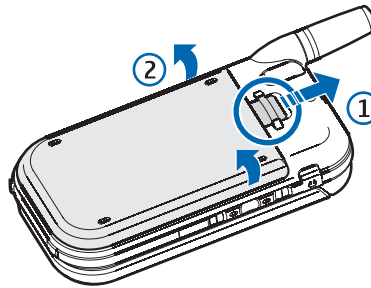
Replace the back cover

1. Set the back cover on the phone so that the metal tabs on the battery align with the tabs in the device.

2. Lower the base of the back cover onto the phone (1) and press the top down (2) until it snaps securely in place.
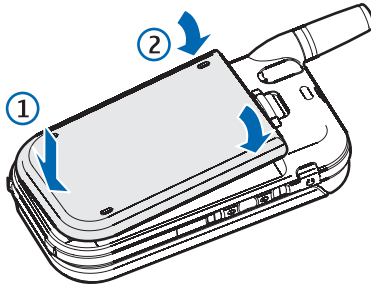
Important: Do not remove the front cover of this phone. Attempts to remove the front cover may damage the phone. If your phone requires service, contact the Nokia Care Contact Center.

Charge the battery

1. Plug the XX-XXXX charger transformer into a standard ac outlet.

2. Open the charger slot cover at the bottom end of the phone (1).

3. Insert the charger output plug into the charger slot (2).

   The charge LED on the front cover of your phone will change from red to green when charging is complete. The charge time varies depending on the battery level. The maximum charge time for a fully discharged, standard battery is approximately 3.5 hours.
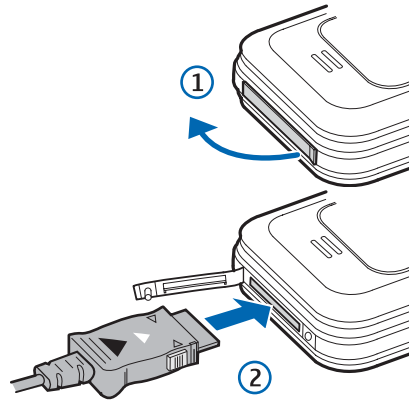
■ Turn your phone on or off

To turn your phone on or off, press and hold the end/power key for at least 3 seconds.
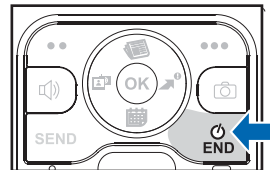
■ Connect the headset

You can connect a compatible headset with a standard 2.5-mm plug into your phone to allow hands-free operation.

> **Warning:** When you use the headset, your ability to hear outside sounds may be affected. Do not use the headset where it can endanger your safety.

1. Open the headset connector port.

2. Plug the headset connector into the 2.5-mm headset jack on the side of your phone.
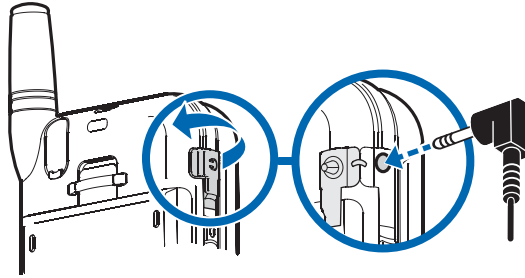
3. Position the headset on your ear.

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

   • Use the keypad to enter numbers.

   • Press the send key to place a call. See "Phone at a glance," p. 8.

   • Press the end key to end a call.

■ Make a call

To make a call, make sure the phone is turned on. From the standby mode, enter the number you want to call, and press the send key. See "Contacts," p. 37, to use the contacts menu and to enter contact numbers. This is a network feature.

Use the keypad

Enter the phone number (including the area code if necessary), and press the send key. To delete a character to the left of the cursor, press the clear (CLR) key. Press the end key to end the call. This is a network feature.

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Recently dialed numbers

Press the send key once to display the latest numbers dialed, received, or missed. Press the send key again to dial the last number you dialed, or highlight the number (or name) you wish to redial, and press the send key. This is a network feature.

Speaker phone

To use the speaker phone when in a call, press ▣⏴⏵ (speaker phone key). To turn the speaker phone off, press ▣⏴⏵ again. This is a network feature.

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

Headset calls

To answer a call when the headset is connected, press the send key on your phone or, if included, press the send key on the headset enhancement. If included, use the volume key on your headset to adjust call volume.

■ Answer calls

The following options are available to manage incoming calls. This is a network feature.

Answer or silence an incoming call

- To answer a call, open the flip; or, if the flip is already open, press the send key.
- To silence an incoming call, select *Quiet*.
- To forward an incoming call to voice mail, select *Ignore*.
- To end a call, press the end key.

Adjust the earpiece volume

The volume keys are located on the left side of your phone. To adjust the volume when in a call, press the volume up key or volume down key. When you adjust the volume, a bar chart is displayed to indicate volume level.

Caller ID

To display both the name and number of the person calling you, the caller's identity must be stored in the contact list. If the caller is not in the contact list, only the phone number is displayed, or the incoming caller number may be shown as *RESTRICTED* or *UNAVAILABLE*. The date and time when the incoming call arrives is always displayed.

Picture ID

You can assign a picture to display with incoming calls from contacts. See "Assign picture ID," p. 39.

Silent mode

To turn sounds off, press the volume down key until *All Sounds Off* is displayed. To turn sounds back on, press the volume up key until the desired level is reached.

Vibrate mode

To turn vibrate only mode on for your phone and silence all other sounds, press the volume down key to reduce the volume until *Vibrate Only* is displayed.

To turn the vibrate mode on with the ringtone, select *Menu* > *Settings & Tools* > *Sounds Settings* > *Call Sounds* > *Call Vibrate* > *On* > *OK*.

Other options during a call

The following additional options are available when you are in a call:

Send TXT Msg—Send or retrieve messages.

Contacts—Search your contact list.

Recent Calls—Check recent calls.

Voice Privacy—Protect the privacy of your current phone conversation from other callers placing phone calls on your same network. Contact Verizon for the availability of Voice Privacy in your area.

Mute function

When in a call, select *Mute* to prevent the other party from hearing your voice, but allow you to hear the other party. Select *Unmute* to turn off this feature.

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Phone lock

To prevent accidental key presses when the phone flip is open, or to prevent access to your phone by others, press and hold **#** for quick phone lock activation. To unlock the phone, select *Unlock*, then enter your four-digit lock code.

When the phone lock is on, the only outgoing calls that can be made are to the emergency number programmed into your phone. The phone remains locked even if the phone is switched off and switched back on again.

3. Text entry

Your phone offers four methods for entering text and numbers: *Abc* (sentence case, uppercase, and lowercase), *Word* (sentence case, uppercase, and lowercase), *123*, and *Symbols*. The following rules apply when entering text:

- Press **CLR** to backspace the cursor and delete a character.

- Press and hold **CLR** to backspace continuously and delete all characters.

- Press **#** to enter a space, thereby accepting a completed word, when in the subject or text area of a message or entering a contact or group name.

- Press **1** to enter the symbol mode when in the subject or text area of a message.

- Press ***** to switch between sentence case (the first letter of entries or sentences is capitalized and the following letters are lower case), uppercase and lowercase in abc or word modes when in the text area of a message, or entering a contact or group name.

- The entry mode selection key displays the currently selected entry mode (*Abc*, *Word*, *123*, or *Symbols*).

■ Abc (multi-tap) mode

In the abc (or multi-tap) mode, to enter a letter, repeatedly press a key until the letter you want appears.

Activate abc mode

Press the entry mode selection key, and select *Abc* for sentence case or *ABC* for uppercase. Press ***** to switch among sentence case, uppercase, and lowercase (*abc*).

Abc mode text entry

Press a key once to insert the first letter on the key, twice for the second letter, and so on. If you pause briefly, the last letter in the display is accepted, and your phone awaits the next entry.

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■ Word mode

Word mode is a predictive method of text entry using your keypad and the built-in dictionary to quickly recognize the most commonly used word for a specific key sequence. Word mode is much faster than the abc method because you only press the corresponding key on your keypad once for each letter.

Activate word mode

To activate word mode, at any text entry screen press the entry mode selection key, and then select *Word*. Press * to switch among sentence case, uppercase (*WORD*), and lowercase (*word*).

Word mode text entry

The illustration below simulates your display each time a key is pressed in word mode. For example, to write "Verizon" with word mode on and the English dictionary selected, press each of the following keys once:

8	3	7	4	9	6	6
To:	To:	To:	To:	To:	To:	To:
T	Ve	Ter	Veri	Veriz	Verizo	Verizon

- If a displayed word is not correct, press **0** to view other word options.

- If your word does not appear, delete your entry and press the entry mode selection key to change the mode to *Abc*. Reenter your word using the multi-tap mode.

■ 123 (number) mode

To enter a number in abc or word mode, press and hold the desired number key. To switch to 123 mode from any other mode, press the entry mode selection key, and select *123*.

■ Symbols mode

Press the entry mode selection key, and select *Symbols* to insert special characters into your message. Depending on which screen you are viewing, this may be either the left or right selection key. To step through the list of symbols in abc mode, press **1** repeatedly.

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Symbols are not allowed in contact or group names.

4. Get It Now

Get It Now allows you to download tunes, ringtones, pictures, news, information, and games. You can also find information such as the location of restaurants or ATMs. With Get It Now you can personalize your phone to your own lifestyle and tastes. This is a network feature.

Get It Now can be used anywhere on the Verizon Wireless network, as long as your phone has a digital signal available. Most applications do not use a network connection while in use. Visit **verizonwireless.com/getitnow** for additional information on Get It Now services.

Your phone must be switched on to use Get It Now. Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

This feature shares memory space with other features.

■ Get Tunes & Tones

You can personalize your phone with sounds and ringtones using Get Tunes & Tones. A large variety of music styles are available to choose from, such as current hits, pop, and hip-hop. This is a network feature.

Select *Menu* > *Get It Now* > *Get Tunes & Tones* and one of the following options:

Get New Ringtones—Select *Get New App* to download new ringtone applications or use one of the applications to download ringtones from the Internet. A ringtone can be set as a *Ringtone*, a *Contact ID* for a particular contact, or as an *Alert Tone* for calendar entries. New ringtones are stored in the *My Ringtones* folder.

My Ringtones—Select *Get New App.* > *Get New App* to download a new ringtone or use one of the tones stored in this folder. To apply a ringtone, highlight the tone and select *Set As* > *Ringtone*, *Contact ID*, or *Alert Tone*. Select *PLAY* to preview the highlighted ringtone. Select *Options* > *Erase* to delete the highlighted ringtone, or select *Options* > *Ringtone Info* to view file information about the highlighted ringtone.

My Sounds—Select *Record New* to record sounds such as music or spoken words, or select prerecorded sounds such as Happy Birthday and crowd roar. Recorded sounds can be played back later or can be sent in a TXT message. Select *Play* to preview the highlighted sound. Select *Options* > *Erase* to delete the highlighted

sound, or select *Options* > *Sound Info* to view file information about the highlighted sound.

■ Get PIX

Get PIX allows you to view, take, and send your digital pictures right from your wireless phone. This is a network feature.

You can take photos with the built-in 330-k pixel camera and flash. The camera produces photos in JPEG format.

After you take a picture, you can attach it to a TXT message, or set it as wallpaper, screensaver, or picture ID for a contact. When you attach a picture to an entry in your list of contacts, the picture is displayed when the contact calls you. Pictures can be stored in the *My PIX* folder or uploaded to *PIX Place*. See "PIX messaging," p. 27.

Your phone supports an image capture resolution from 160x120 to 640x480 pixels.

If there is not enough memory to take a new photo, delete old photos in the *My PIX* folder.

Take a picture

To turn on the built-in camera, press the camera key on the keypad or the side of the phone, or select *Menu* > *Get It Now* > *Get PIX* > *Take PIX*. Select *TAKE* to take a picture or *Options* to adjust picture *Resolution*, *Self Timer*, *Flash*, *Brightness*, *White Balance*, *Shutter Sound*, *Color Effects*, *Capture Mode*, or *Sub Display*.

Warning: Keep a safe distance when using the flash. Do not use on people or animals at close range. Do not cover the flash while taking a picture.

Other options

The following *Get PIX* options allow you to download and manage your pictures.

Get New PIX—Select *Get New App* to download PIX applications or use one of the applications to download images from the Internet.

My PIX—Select pictures from your *My PIX* gallery to send, upload, lock, erase, modify, get info on, or view. To use a picture as a *Wallpaper* for your *Main Screen* or *Front Screen*, select *Options* > *Set As*. To protect image files from *Erase* and *Erase All* functions, select *Options* > *Lock* or *Unlock*.

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PIX Place—Access the online picture album to upload pictures. For more information, please visit **www.verizonwireless.com/getitnow/pixmessaging**.

■ Fun and games

To open games from the games gallery or download a new game, select *Menu* > *Get It Now* > *Get Fun & Games* > *Get New App* and a game option. Select the game you want and a payment option, and download the title. You can start using the application as soon as the download is complete. This is a network feature.

■ News and info

To connect to the Internet and browse for the latest news, stock quotes, movie listings, and more, select *Menu* > *Get It Now* > *Get News & Info*. This is a network feature.

■ Get going

To browse the Internet for everything you need to know while on the go, such as the location of a restaurant or the nearest ATM, select *Menu* > *Get It Now* > *Get Going* > *Get New App*. This is a network feature.

■ Get extras

To access the Internet for additional Verizon downloads and applications, select *Menu* > *Get It Now* > *Get Extras* > *Get New App*. This is a network feature.

■ Information and help

To check memory status or find information on how to download applications, select *Menu* > *Get It Now* > *Info* to view the information screen. This menu enables you to check the application memory, content memory, or view the log of downloads. Select *Help* to find information on how to add, delete, disable, or restore applications, determine airtime charges, or cancel subscriptions.

Notifications are displayed in the standby mode when memory is 80% full and 100% full. Select *OK* to clear these messages. If your phone displays a message that the memory is full when you try to use a feature, delete some of the information or entries stored in memory before continuing.

See "Memory," p. 56.

■ Incoming calls

While downloading an application, calls are automatically sent to your voice mail, if available. If you do not have voice mail, downloading is not interrupted by an incoming call, and the caller receives a busy signal.

When using an application, an incoming call automatically interrupts the application and allows you to answer the call. When you complete your call, you can resume using the application.

Make an emergency call while online

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

1. To close your connection, press the end key. Press the end key as many times as needed to clear the display and ready the phone for calls.

2. Enter the emergency number for your present location. Emergency numbers vary by location.

3. Press the send key.

■ Security and functionality

Your phone supports a digital rights management system to protect content that you have acquired. Content such as ringtones may be protected and associated with certain usage rules.

Usage rules are defined in the content activation key that can be delivered with the content or delivered separately. You may be able to update the activation key. Always check the delivery terms of any content and activation key before acquiring them, as they may be subject to a fee.

Copyright protections may prevent some images, music (including ringtones), and other content from being copied, modified, transferred, or forwarded.

Mobile Web 2.0 is a digital network service that is not available everywhere. Mobile Web text messages and alerts fees apply to sent and received messages. Airtime charges apply. See "Network services," p. 5.

Your phone 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 must take the same security or content precautions as you would with any Internet site.

The security icon ( ) does not indicate that the data transmission between the gateway and the content server (or place where the requested resource is

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stored) is secure. Verizon secures the data transmission between the gateway and the content server.

Important: Use only services that you trust and that offer adequate security and protection against harmful software.

5. Messaging

If you have subscribed to a message network service, you can send and receive messages to and from compatible phones that also subscribe to a message service. You can also send and receive multimedia messages and e-mail. Messaging features are network services.

Important: Exercise caution opening messages. Messages may contain malicious software or otherwise be harmful to your phone or PC.

Note: When sending messages, your phone may display *MESSAGE SENT*. This is an indication that the message has been sent by your phone to the message center number programmed into your phone. This is not an indication that the message has been received at the intended destination. For messages that fail, the network will create a new error message, explaining why the message was not delivered. Contact Verizon for more details about messaging services.

■ TXT messaging

When composing TXT messages (SMS) or enhanced messages (EMS, messages that can contain graphics, sounds or formatted text), the number of characters used (out of a maximum of 160 per message) appears in the top left corner of the message screen. Segments are created when the message length exceeds 160 characters. The number of segments used (out of a maximum of 7) appears in the top right corner of the message screen. No additional text can be entered when all segments and characters have been used. Segments are delivered as individual messages.

The use of special characters takes up more space than standard characters.

E-mail addresses are counted as characters. EMS messages cannot be sent to e-mail addresses.

For information on entering text into messages, see "Text entry," p. 19.

■ PIX messaging

PIX messages are multimedia (MMS) messages can contain text, sound files, and image files. Your phone supports PIX messages that are up to 300 KB. If the maximum size is exceeded, your phone may not be able to receive the message.

Depending upon your network services, you may receive a message that includes an Internet address where you can go to view the PIX messages.

Images are scaled to fit the display area of the phone. Your phone has a PIX message viewer for playing messages. Incoming messages reside in the inbox until you delete or save them. Once you save the PIX message, you can use the image as wallpaper or use the sound as a ringtone, unless the content is protected by copyright. See "Get PIX," p. 23.

Only compatible devices that offer picture message features can receive and display PIX messages. The appearance of PIX messages may vary depending on the receiving device.

Copyright protections may prevent some images, ringtones, and other content from being copied, modified, transferred, or forwarded. Contact Verizon for availability of and a subscription to the multimedia messaging service.

PIX messaging supports the following formats:

- Picture: JPEG, GIF, animated GIF, BMP, WBMP, PNG, and BCI

- Sound: MIDI, SP-MIDI, PMD, QCP-13K, iMelody, EVRC, MMF, and MP3

If a received message contains unsupported elements, these elements may be replaced with an alert such as *File format not supported*.

You can receive multimedia message notification, but cannot receive multimedia messages if you have a call in progress or other applications running, or you are in an active browsing session. Because delivery of multimedia messages can fail for a variety of reasons, do not rely solely upon them for essential communications.

Important: Exercise caution when opening messages. Multimedia message objects may contain malicious software or otherwise be harmful to your phone.

■ New messages

To compose a new message, in the standby mode, select *Menu* > *Messaging* > *New Msg* > *TXT Msg* or *PIX Msg*.

TXT message

To write and send a TXT message, do the following:

1. Select a recipient. To add a recipient from your contact list, select *Add* >
From Contacts, *Groups*, or *Recent Calls*, highlight the recipient, and select
MARK > *Done*.

   You may also use the keypad to manually enter a phone number or e-mail
address in the *To:* field. Scroll down to the next available address field to enter
each recipient. The default entry mode for the *To:* field is 123 (number). To
switch to multi-tap mode for e-mail address entry, select *123* > *Abc* or *ABC*.
See "Text entry," p. 19.

   To add a manual entry to your contact list, select *Add* > *To Contacts*. See
"Create new contacts," p. 37.

2. To open the text entry field, select *OK*.

3. Compose a message using the keypad. See "Text entry," p. 19.

4. To send the message, select *SEND*.

5. To save the message as a draft, press the end key, and select *Yes* > *OK*. Your
message is saved in the *Drafts* folder.

TXT message options

To customize a new TXT message, select *Options* when the cursor is in the text
entry field and select one of the following options:

Save As Draft—Save your message into the *Drafts* folder.

Add Graphic—Include a graphic icon in your message. EMS messages cannot be
sent to e-mail addresses.

Add Sound—Include a sound in your message. EMS messages cannot be sent to
e-mail addresses.

Add Quick Text—Insert text from the *Quick Text* gallery into your document. See
the *Quick Text* option under "All message settings," p. 34.

Priority Level—To set the priority level, select *Normal* or *High*.

Cancel Msg—Close out of the message without sending. Select *Yes* > *OK* to save
the message in the *Drafts* folder.

PIX message

To compose and send a PIX message, do the following:

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1. Select a recipient. To add a recipient from your contact list, select *Add* > *Contacts*, *Groups*, or *Recent Calls*, highlight the recipient, and select *MARK* > *Done*. Select *Add* > *To PIX Place* > *OK* to upload an image to the online picture album.

   You may also use the keypad to manually enter a phone number or e-mail address in the address area. Use a space to separate each recipient. The default entry mode for the *To:* field is 123 (number). To switch to multi-tap mode for e-mail address entry, select *123* > *Abc* or *ABC*. See "Text entry," p. 19.

   To add a manual entry to your contact list, select *Add* > *To Contacts*. See "Create new contacts," p. 37.

2. Select *OK* or scroll down to open the text entry field.

3. Enter text into the *Text:* field of the PIX message using the keypad. See "Text entry," p. 19. When composing PIX messages, the number of characters used (out of a maximum of 1000 per message) appears in the top left corner of the message screen. No additional text can be entered when all characters have been used.

4. To add a picture, scroll to *PIX:*, select *My PIX*, the desired picture, and *OK*. To add a new picture using the built-in camera, select *Camera* > *TAKE* > *OK*.

5. To add a sound file, scroll to *Sound:*, select *Sounds*, a recorded sound, and *OK*. To record a new sound, select *Sounds* > *Record New*. The new sound is added to the top of the gallery list. Select *Play* to preview a recorded sound.

6. To add a message title, scroll to *Subject:*. Enter text (up to 100 characters) using the keypad.

7. To send the message, select *SEND*.

8. To save the message as a draft, press the end key, and select *Yes* > *OK*. Your message is saved in the *Drafts* folder.

PIX message options

To set PIX message options, select *Options*, scroll to *Text:*, *PIX:*, *Sound:*, or *Subject:*, and choose from the following:

Preview—View your message.

Add Quick Text—Insert text from the *Quick Text* gallery (in *Text:* and *Subject:* only).

Save As Draft—Save your message into the *Drafts* folder.

Priority Level—To set the priority level, select *Normal* or *High*.

Remove PIX—Remove picture from message (if previously added).

Remove Sound—Remove sound file from message (if previously added).

Add Slide—Add a slide to the message.

Cancel Msg—Close out of the message without sending. Select *Yes* > *OK* to save the message in the *Drafts* folder.

■ Inbox

Your phone can receive text messages (SMS), enhanced messages (EMS), PIX messages (MMS), e-mails using SMS, WAP push messages, and alerts in the inbox. This is a network service.

Upon receiving an incoming message, an alert is displayed. You may open the message immediately or view it later. Select *View Now* to open the new message in the inbox. If you select *View Later*, the new message notification icon (🔲) is displayed, and you must open the inbox to view new messages.

To open the inbox and view or edit messages, select *Message* > *Inbox*.

If *Auto View* or *Auto Receive* are enabled for incoming messages, *View Now* and *View Later* are not displayed. See "Message settings," p. 34.

View the inbox

The number of messages in *Inbox* is shown in parentheses. When you open the inbox, the list of messages is displayed. The newest messages are displayed first. Select a message and *Erase* > *OK* to delete the selected message, or select *Options* and from the following options:

Reply—Send a *TXT Msg* or *PIX Msg* reply.

Reply w. Copy—Send a reply which includes the original message text (TXT messages only).

Forward—Forward the message to another phone number or e-mail address or upload the message to *PIX Place*.

Lock or *Unlock*—Protect or unprotect the selected message from *Erase* and *Erase All* commands.

To Contacts—Save the contact information to the contact list.

Erase Inbox—Delete all messages in your *Inbox*.

Message Info—Display sender information and timestamp.

View or play messages

To view or play a message in *Inbox*, select the message and *OPEN*. If necessary, scroll up or down to view the whole message. You can scroll left or right to view the content of the other messages in *Inbox*.

With the message open, you can select from the following:

Erase—Delete the message (messages without sound files attached only).

Mute or *Unmute*—Turn on or off the sound of a sound object (messages with sound files attached only).

REPLY—Send a *TXT Msg* or *PIX Msg* reply.

Options—Select from the following options:

*   *Forward*—Forward the message to another phone number or e-mail address, or upload the message to *PIX Place*.

*   *Save Quick Text*—Save the message in *Quick Text*.

*   *Lock* or *Unlock*—Protect or unprotect the selected message from *Erase* and *Erase All* commands.

*   *To Contacts*—Save the contact information to the contact list.

*   *Message Info*—Display sender information and timestamp.

The following *Options* are displayed for specific message types:

*   *Play Again*—Replay the attached sound (PIX messages with sound only).

*   *Reply w. Copy*—Send a reply which includes the original message text (TXT messages only).

*   *Erase*—Delete the message (messages with sound files attached only).

*   *Save Graphic*—Save a graphic object attached to a message (TXT messages only).

*   *Save PIX*—Save the attached PIX file (PIX messages only).

*   *Save As Ringtone*—Save a sound attached to a message as a ringtone (messages with sound only).

*   *Save Sound*—Save a sound attached to a message (messages with sound only).

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■ Sent messages

The *Sent* folder is used to store TXT and PIX messages that have been delivered to their recipients. The number of messages stored in the *Sent* folder is shown in parentheses. To open the *Sent* folder, select *Message* > *Sent*.

The list of sent messages is displayed. The newest messages are displayed first. Select a message, and from the following:

Erase—Select *Yes* > *OK* to delete the sent message.

Options—Select from the following:

- *Forward*—Forward the message to another phone number or e-mail address, or to upload to *PIX Place*.

- *Resend*—Resend a TXT or PIX message.

- *Lock* or *Unlock*—Protect or unprotect the selected message from *Erase* and *Erase Sent* commands.

- *To Contacts*—Save the contact information to the contact list.

- *Erase Sent*—Delete all sent messages.

- *Message Info*—Display sender information and timestamp.

OPEN—View the message. With the message open, you can select from the following options:

Erase—Delete the message (messages without sound files attached only).

Mute or *Unmute*—Turn on or off the sound of a sound object (messages with sound files attached only).

RESEND—Resend the message.

Options—Select from the available options.

■ Draft messages

The drafts folder is used to store drafts of TXT and PIX messages. The number of messages stored in *Drafts* is shown in parentheses. To open the drafts folder, select *Message* > *Drafts*. The list of draft messages is displayed. The newest messages are displayed first. Highlight a message and select from the available options.

■ Message settings

To configure settings for TXT or PIX messages, select *Menu* > *Messaging* > *Settings* > *All Msg*, *TXT Msg*, or *PIX Msg* > *OK*.

All message settings

Select from the following options to apply settings to all messages:

Auto Save—Automatically save all sent messages to the *Sent* folder. Select *On* or *Off* to enable or disable *Auto Save*. Select *Prompt* to receive a prompt to save after each message is sent.

Auto Erase—Automatically erase the oldest (unlocked) message from your inbox if it is full. Select *On* or *Off*. If *Auto Erase* is set to *Off*, a message is displayed when memory is full prompting you to manually delete unwanted messages from your inbox.

Quick Text—View and edit *Quick Text* entries, which are short, pre-written messages that can be recalled and inserted into a TXT message. The gallery of preloaded and user-defined *Quick Text* entries is displayed. To add an entry, select *New*, enter the text, and select *OK*. To erase a *Quick Text* entry, highlight the entry, and select *Erase* > *Yes*.

Voicemail #—Change the default voice mail speed dialing number. Enter the new number, and select *OK*.

Entry Mode—Change the default entry mode for the text entry area in a TXT message and the text and subject entry areas in PIX messages. Select *Word*, *Abc*, *ABC*, *123*, or *Symbols*.

Callback #—Change the default callback number that is sent. Enter the new number, and select *OK*.

Signature—Create or edit text that will automatically append to each outgoing TXT and PIX message. Select *Custom*, enter the signature text, then select *OK*. Select *None* > *OK* to turn off the *Signature* function.

TXT message settings

To view the content of a received TXT message, select *Auto View* > *On*. The content of incoming TXT messages is displayed when the phone is in the standby mode.

To create or edit text that automatically appends to each outgoing TXT message, select *Signature*. Select *Custom*, enter the signature text, and select *OK*. Select

None > *OK* to turn off the *Signature* function. A signature for TXT messages cannot be created if a signature is enabled using the *All Msg* > *Signature* menu.

PIX message settings

To download the content of a received PIX message, select *Auto Receive* > *On*.

To create or edit text that automatically appends to each outgoing PIX message, select *Signature*. Select *Custom*, enter the signature text, and select *OK*. Select *None* > *OK* to turn off the *Signature* function. A signature for PIX messages cannot be created if a signature is enabled using the *All Msg* > *Signature* menu.

■ Message options

To erase TXT or PIX messages, select *Message* > *Options* and from the available options. Messages are permanently deleted.

■ Voice mail messages

Voice mail is a network service that allows you to listen to voice messages recorded in the voice mailbox. When you have a new voice message, your phone alerts you and you are prompted to listen now or listen later. If you select *Listen later*, the new voice mail icon ( ) is displayed in the standby mode.

Listen to voice mail messages

When you have a new voice message alert, select *Listen now* > *OK* to access your voice mailbox. To reach the voice mail screen to play back existing voice messages, select *Message* > *Voicemail*. To access voice mail using speed dial, press and hold **1**.

The voice mail screen displays the number of new messages and the date and time of the last message received. To access your voice mailbox, select *OPEN*.

To reset the voice mail counter, select *Clear* > *Yes* > *OK*. The new voice mail icon will no longer appear on the screen.

The clear voice mail icon option does not delete voice mail from your voice mailbox. To delete messages, you must access your voice mailbox and use the voice mail system commands. If you exceed the storage limit for your voice mailbox, old messages may be overwritten.

■ E-mail messages

To launch the Internet browser and access the e-mail messaging screen, select *Message* > *E-mail*. This is a network service.

Important: Exercise caution when opening messages. E-mail messages may contain malicious software or otherwise be harmful to your phone.

■ Mobile instant messaging

To access instant messaging (IM), select *Message* > *Mobile IM* > *Get New App*. This is a network service.

■ Chat

To launch a browser and chat with IM users, select *Message* > *Chat*. This is a network service.

6. Contacts

You can keep track of contact information in *Contacts*. Contact names are saved in *Contacts* memory and each contact entry can contain multiple phone numbers and e-mail addresses. Contact entries can be assigned to speed dials, picture IDs, ringtones, and caller groups.

■ Create new contacts

To add a contact to your contact list, do the following:

1. Select *Contacts* > *New Contact*.

2. Scroll to each field and enter the contact information for any of the following:

   Name:—The name of the contact, which is displayed in the contact list. If no name is entered, the default phone number or address is displayed in the contact list.

   Mobile 1:—The primary mobile phone number for the contact. This is the default number for the contact.

   Home:—The home phone number for the contact.

   Work:—The business phone number for the contact.

   Email 1:—The primary e-mail address for the contact.

   Group:—Add the contact to a caller group. See "Edit caller groups," p. 41.

   Picture:—Add a picture ID for the contact. See "Assign picture ID," p. 39.

   Ringtone:—Set a distinctive ringtone for the caller. See "Add a ringtone," p. 39.

   Mobile 2:—The secondary mobile phone number for the contact.

   Fax:—The fax number for the contact.

   E-mail 2:—The secondary e-mail address for the contact.

3. Select *SAVE*.

To create a new contact, enter a phone number for the new contact in the standby mode. To save the new number to your contact list, select *Save* > *Create New* > *Mobile 1*, *Mobile 2*, *Home*, *Work*, or *Fax* entry. Enter a name for the new

contact and any additional contact information, and select *SAVE*. If no name is entered, the default phone number or address is displayed in the contact list.

Change the default number

The default number is the contact number that is called when you dial by contact name. To change the default number when multiple numbers are assigned to a single contact, do the following:

1. Select *Contacts* > *Contact List*, highlight the contact you wish to modify, and select *Edit*.

2. Highlight the *Mobile 1*, *Mobile 2*, *Home*, *Work*, or *Fax* number you wish to set as the default number, and select *Options* > *Set As Default* > *OK* > *Yes* > *OK*.

Set up phone numbers with pauses

Pause codes instruct the receiving system to pause or wait before entering the numbers that follow them in the dialing string.

To add pause codes to a new phone numbers, do the following:

1. Enter the number and select *Options* and one of the following options:

   2-Sec Pause—To dial the contact number, pause for 2 seconds and dial a secondary number or extension. "P" appears in the dialing string. You can enter as many pauses as you need to accommodate the timing on automated answering services.

   Wait—To dial the contact number and wait for you to select *Release* before sending a secondary number. The secondary number can be entered as part of the dial string or it can be entered manually. "W" appears in the dialing string.

2. Select *Save* > *Create New* to add a new contact that includes the new number, or *Update Existing* to modify an existing contact.

To add pause codes to phone numbers in contact list entries, do the following:

1. Select *Contacts* > *Contact List*, highlight the contact you wish to modify, and select *Edit*.

2. Highlight the number you wish to modify, and select *Options* > *Add Pause* > *Wait* or *2-Sec Pause* > *OK*.

Assign picture ID

You can set picture ID to display the picture of a caller from your contact list when your phone rings. To assign a picture ID to a contact:

1. Select *Contacts* > *Contact List*, highlight the contact you wish to modify, and select *Edit*.

2. Scroll to the *Picture:* field, and select *Set*.

3. Highlight an existing image from *My PIX*, and select *OK* to use the image as the picture ID for the contact.

4. To take a new picture with the built-in camera, select *Options* > *Take New PIX*. To download an image from the Internet, select *Options* > *Get New* > *Get New App*.

Add a ringtone

You can add a distinctive ringtone to distinguish which contact is calling your phone. To assign a ringtone to a contact:

1. Select *Contacts* > *Contact List*, highlight the contact you wish to modify, and select *Edit*.

2. Scroll to the *Ringtone:* field, and select *Set*.

3. Highlight an existing ringtone from your *MY RINGTONES* gallery and select *OK* to use the ringtone for the contact. Select *Play* to preview the ringtone.

4. To download and use a new ringtone from the Internet, select *Get New* > *Get New App.* > *Get New App* when in the *MY RINGTONES* gallery.

Set up voice dial

Your phone uses voice activated dialing to call phone numbers in your contact list entries. See "Voice services," p. 54.

■ Contact list

The contact list can hold up to 500 contacts. The amount of numbers, addresses and contact information that you can save may vary, depending on length and the total number of entries in the contact list.

Access the contact list

You can access the *CONTACT LIST* screen in the standby mode with the right selection key. Select *Contacts* > *Contact List*. To quickly find a contact in your contact list, enter the first letter of the contact name in the *Search* field, and that portion of the list is displayed.

To call the highlighted contact, press the send key. When you select a contact name, the default number associated with the contact is used unless you select another number.

View or edit the contact list

To edit a contact list entry, from the *CONTACT LIST* screen, highlight a contact list entry, and select *Edit*. See "Create new contacts," p. 37 for editing options.

To view contact information, from the *CONTACT LIST* screen, highlight a contact list entry, and select *VIEW*. Numbers, e-mail addresses, and groups are displayed for the contact list entry. Select from the following options:

Erase—Delete the contact list entry.

EDIT—Modify the information for the contact list entry. See "Create new contacts," p. 37 for editing options.

Options—When a number or e-mail address is highlighted, select *Send TXT Msg*, *Send PIX Msg*, or *Call* (except e-mail addresses). These are network services.

Contact list options

The following *Options* are available from the *CONTACT LIST* screen:

New Contact—Create a new contact list entry.

Erase—Delete the contact list entry.

Send TXT Msg—Send the contact a text message. This is a network service.

Send PIX Msg—Send the contact a picture message. This is a network service.

Call—Dial the contact. This is a network service.

Erase All—Delete all contact list entries.

■ Groups

You can add contact list entries to up to 30 caller groups and send messages to everyone in a group. To reach the *GROUPS* screen, select *Contacts* > *Groups*. The default caller groups are *Family* and *Work*, but new caller groups can be created.

A contact can only be associated with one caller group at a time. If you add a contact from one group to another group, that contact is removed from the first group.

Create a new caller group

Select *Contacts* > *Groups* > *New*, enter the new group name, and select *SAVE*. See "Add contacts to groups," p. 41.

Edit caller groups

Once created, caller groups can be updated with new contacts, renamed, or erased. The default caller groups cannot be renamed or erased.

Add contacts to groups

Caller groups can be populated in multiple ways. You can update caller groups by assigning contact list entries to the groups.

1. To add contacts to a group, from the *GROUPS* screen, highlight a group from the list, and select *VIEW* > *ADD* or *Options* > *Add*.

2. For each contact, select *MARK* > *Done*.

You can edit individual contact list entries by adding them to caller groups.

1. Select *Contacts* > *Contact List*, highlight the contact you wish to add to a group, and select *Edit*.

2. Scroll to the *Group* field, and select *Set*.

3. Highlight an existing group from the list of group names, and select *OK* to add the contact to the group.

4. To create a new group, select *New*, enter the new group name, and select *SAVE*. To add the contact to the group, highlight the new group from the list of group names, and select *OK*.

A contact can only be associated with one caller group at a time.

Rename a group

When a caller group is created, it can be quickly and easily renamed. From the *GROUPS* screen, highlight the group you wish to rename, and select *Options* > *Rename*. Edit the caller group name, and select *SAVE*.

Erase a group

To erase a group you have created, from the *GROUPS* screen, highlight the group, and select *Options* > *Erase* > *Yes* > *OK*. The contacts associated with the group will not be erased.

Send a group message

To send a message to a group, select *Contacts* > *Groups*, the group name, and select *Options* > *Send TXT Msg* or *Send PIX Msg*. Create the message you want to send to the group, and select *SEND*. See "New messages," p. 28. This is a network service.

■ Speed Dials

You can associate any mobile, home, or work entry in the contact list with a speed dial key from 2 to 99. Speed dial key 1 is used to access voice mail. This is a network service.

Call a speed dial number

To dial a single-digit speed dial number (1-9), press and hold the number of the assigned key. To dial a two-digit speed dial number (10-99), use a short press on the first number, and press and hold the second number.

Set up speed dialing

1. Select *Contacts* > *Speed Dials*.

2. Scroll to an *Unassigned* speed dial slot, and select *SET*.

3. Highlight the contact you want assigned to the selected speed dial slot.

4. Select *OK*, highlight the mobile, home, or work number you want to assign, and select *OK*.

You can also assign speed dial numbers by editing contact information. Select *Contacts* > *Contact List*, highlight the contact you wish to modify, and select *Edit*. Highlight the mobile, home, or work number you want to assign to a speed dial slot, and select *Options* > *Set Speed Dial*. Scroll to an *Unassigned* speed dial slot, and select *SET*.

Edit speed dial numbers

1. Select *Contacts* > *Speed Dials*.

2. Scroll to an assigned speed dial slot, and select *SET*.

3. Select *Yes* > *OK* to overwrite the existing speed dial number. Highlight the contact you want assigned to the selected speed dial slot, and select *OK*.

4. Highlight the new mobile, home, or work number you want to assign, and select *OK*.

Delete speed dial numbers

Select *Contacts* > *Speed Dials*, scroll to an assigned speed dial slot, and select *Remove* > *Yes* > *OK*.

7. Recent calls

Information about calls missed, received, or dialed is stored in the *Recent Calls* menu. When the number of calls exceeds the maximum, the most recent call replaces the oldest.

■ View calls

To view calls, select *Menu* > *Recent Calls* > *Missed*, *Received*, or *Dialed*. Select *All* to view all missed, received, and dialed calls. The calls are listed by most recent first.

Missed calls are calls that are not answered. The missed calls feature does not function when your phone is switched off.

When viewing the call lists, the following options are available:

Message—Send the selected number a *TXT Msg* or *PIX Msg*. See "New messages," p. 28. This option is not shown for UNAVAILABLE or voice mail numbers in the call lists.

OPEN—View call details.

Select *Options* for further call list options.

■ View call timers

You can view the total number of calls, duration (*hh:mm*) of calls, and the data transfer information with the *View Timers* option.

> **Note:** Some timers, including the lifetime call timer, may be reset during service or software upgrades. The actual time invoiced for calls and services by Verizon may vary, depending on network features, rounding off for billing, taxes, and so forth.

Select *Menu* > *Recent Calls* > *View Timers*, and scroll to view the call duration data.

Reset call timers

To reset a selected call or data timer or to reset all timers to zero (except *Lifetime Calls* and *Lifetime Data Count*), do the following:

Select *Menu* > *Recent Calls* > *View Timers*, and highlight the timer you wish to modify. To reset the selected call or data timer to zero, select *Reset* > *Yes* > *OK*. To

reset all timers (except *Lifetime Calls* and *Lifetime Data Count*), select *Reset All* > *Yes* > *OK*.

8. Settings and tools

Use the *Settings & Tools* menu to customize your phone and to use your phone as an organizer and personal digital assistant.

■ My account

The Verizon *My Account* Web portal allows you to access your account information. Select *Menu* > *Settings & Tools* > *My Account*. This is a network service.

■ Tools

To access the calculator, calendar, alarm and world clocks, notepad, and stopwatch, select *Menu* > *Settings & Tools* > *Tools*.

Calculator

To perform simple mathematical calculations using your phone, select *Menu* > *Settings & Tools* > *Tools* > *Calculator*. You can enter numbers up to the sixth decimal place.

* Use the keypad to enter numbers.

* Use the scroll key to add (up), subtract (down), multiply (right), or divide (left) values. Press the center selection key (equals) to solve your equation.

* Select *Operator* to use parentheses in your equation or to enter an exponent (*Power*).

* Press the CLR key to delete a keystroke, or select *Clear* to cancel your calculation and clear the screen.

* Press **#** to switch a value to positive or negative, and press * to enter a decimal point.

> **Note:** This calculator has limited accuracy and is designed for simple calculations.

Calendar

The *Calendar* allows you to document your agenda and keep it convenient and easy to access. You can schedule events into the calendar and set your phone to

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alert you with a reminder. Select *Menu* > *Settings & Tools* > *Tools* > *Calendar* and one of the following:

Weekly or *Monthly*—View the calendar in weekly or monthly mode.

OK—Open the calendar entry.

Select *Options* > *New* (create a new event), *Go To Date* (enter a specific date using the keypad), *Erase Passed* (delete past events), or *Erase All* (delete all events on your calendar).

Schedule a new event

To enter a new event in your calendar, do the following:

1. Select *Menu* > *Settings & Tools* > *Tools* > *Calendar*.

2. Highlight the event date, and select *Options* > *New* to add a new event entry.

3. Highlight and edit the event entry fields you wish to complete, and select *SAVE*.

Update an existing event

To update an event in your calendar, do the following:

1. Select *Menu* > *Settings & Tools* > *Tools* > *Calendar*.

2. To open the date, highlight the event date, and select *OK*. To update the entry, highlight the entry you wish to modify and select *VIEW* > *EDIT*.

3. Highlight and edit the event entry fields you wish to update and select *SAVE*.

4. To delete the selected event, select *Erase* > *Yes* > *OK*.

Alarm clock

Your phone must be turned on to use the alarm feature. To set one of three alarms, do the following:

1. Select *Menu* > *Settings & Tools* > *Tools* > *Alarm Clock* > *Alarm 1*, *Alarm 2*, or *Alarm 3*.

2. Scroll left or right to turn the alarm mode on.

3. Highlight the *Time* field and set the alarm time using the keypad and scroll key.

4. To set how often the alarm will occur (*Once*, *Daily*, *Mon – Fri*, *Weekends*), highlight the *Frequency* field, and scroll left or right.

5. To choose an alarm ringtone, highlight the *Ringer* field and select *Set*.

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6. Select *SAVE*. When an alarm is set, 🔔 is displayed in the standby mode.

To turn an alarm off, select *Menu* > *Settings & Tools* > *Tools* > *Alarm Clock*. Highlight the alarm you wish to modify and select *OK* > *Options* > *Off*.

When an alarm time is reached, the alarm tone sounds and/or vibrates (depending on the alarm settings). Select *Snooze* to turn the alarm off and have it sound again after 10 minutes. Select *Dismiss* to turn off the occurrence of the alarm.

World clock

To determine the current time in another time zone or country, select *Menu* > *Settings & Tools* > *Tools* > *World Clock*. Scroll to move the indicators over the world map. The local time is displayed below the city name. Select *DST* to turn Daylight Savings Time on or off for the selected city. Select *Cities* to view a text list of cities.

Notepad

To create a note, select *Menu* > *Settings & Tools* > *Tools* > *Notepad* > *New*, enter your note text (see "Text entry," p. 19), and select *SAVE*. To view or edit a note, highlight the note, and select *VIEW* > *Edit*. To delete one note or all notes, select *Notepad* > *Options* > *Erase* or *Erase All*.

Stop watch

The stop watch can be used for elapsed time measurement, such as for a sporting event. Up to eight events or records can be timed simultaneously.

The stop watch accuracy is not the same as that of a professional instrument. Therefore, Nokia advises against its use for official competitions or any other event in which a high-precision device would be required to establish exact times.

To time a single event, select *Menu* > *Settings & Tools* > *Tools* > *Stop Watch* > *Start*. The elapsed time is displayed in h:mm:ss:ms format. To stop or pause the stop watch, select *Stop*. To resume the stop watch from the stopped time, select *Start* again. To reset the stop watch to zero, select *Reset* with the watch in stopped mode.

To time multiple events, select *Menu* > *Settings & Tools* > *Tools* > *Stop Watch* > *Start*. To mark the elapsed time for each event you are measuring, select *Cont* (up to eight times). To display the event times, select *View*.

■ Sounds settings

To adjust volumes and assign sounds to phone calls and alarms, select *Menu* >
Settings & Tools > *Sounds Settings* and from the following options:

Master Volume—Use the volume keys or scroll key to change the volume setting
of your phone from *High* to *Low* or to *Alarm Only* or *Vibrate Only*, then select *OK*.
To silence the phone, scroll down, or press and hold the volume down key until
All Sounds Off is displayed. To preview the sound level, select *Play*.

Call Sounds—To set ringtones for incoming calls, select *Call Ringtone*. to set the
phone to vibrate when a call is received, select *Call Vibrate* > *On*.

Alert Sounds—Select the alert type (*Tone*, *Vibrate*, or *Reminder*) for an incoming
TXT Message, *PIX Message*, or *Voicemail Msg*.

Keypad Volume—Use the volume keys or scroll key to set the keypad volume from
Off to *High*.

Earpiece Volume—Use the volume keys or scroll key to set the earpiece volume
from *Low* to *High*.

Service Alerts—Set any of the alert options to *On* or *Off*:

- *ERI*—Enhanced roaming indicator (ERI) alerts you to the status of cellular
  service. The ERI banner text displays "Verizon Network," "Extended Network,"
  or "Roaming." See "Banner," p. 49. This is a network service.

- *Minute Beep*—Sounds an alert every minute while in a call

- *Call Connect*—Alerts you when a call is successfully connected

Power On/Off—Enable or disable tones when your phone is turned on or off.

Alarm Sounds—To set a tone for alarms, select *Alarm Tone*. To set the phone to
vibrate when an alarm time is reached, select *Alarm Vibrate* > *On*.

■ Display settings

Use the *Display Settings* menu to modify the look and feel of the phone display.

Banner

To display a text banner on the standby mode screen, select *Menu* >
Settings & Tools > *Display Settings* > *Banner*. Select from the following banners:

Personal—Enter your own banner text of up to 16 characters.

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ERI Banner—Display ERI text under your personal banner, alerting you to the current cellular status. This is a network service.

Backlight

To conserve battery life, you can set the phone backlighting to dim when idle. To set the backlight duration, select *Menu* > *Settings & Tools* > *Display Settings* > *Backlight*. Select from the following options:

Display—Set how long the main display backlight remains on before dimming.

Keypad—Set how long the keypad remains backlit before dimming.

Contrast

To set the display contrast of your phone, select *Menu* > *Settings & Tools* > *Display Settings* > *Contrast*. Select *Main LCD* to set the main display contrast or *Front LCD* to set the mini display contrast. Select from one of five contrast levels.

Wallpaper

To set your phone to display a background picture (wallpaper), select *Menu* > *Settings & Tools* > *Display Settings* > *Wallpaper* > *Main Screen* or *Front Screen*. Highlight the image you wish to set as wallpaper, and select *OK*. Select *View* to preview an image as wallpaper and *Thumb* to return to thumbnail view. Wallpaper images can be used from your *My PIX* folder, or you can select *Get New* to browse for a new wallpaper image.

Screensaver

To choose a screensaver, select *Menu* > *Settings & Tools* > *Display Settings* > *Screensaver* > *Main Screen* or *Front Screen*. Highlight the image file you wish to set as the screensaver, and select *OK*. Select *View* to preview an image file as a screensaver and *Thumb* to return to thumbnail view. To browse for a new screensaver file, select *Get New*.

Display themes

To choose the color of the background screen, select *Menu* > *Settings & Tools* > *Display Settings* > *Display Themes* > *Default*, *Business*, *Tropical*, or *Blue*.

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Dial fonts

To set the font size of the characters displayed on the screen when entering a phone number, select *Menu* > *Settings & Tools* > *Display Settings* > *Dial Fonts* > *Normal* or *Large*.

Clock format

To set the clock format on your phone's main display or mini display, select *Menu* > *Settings & Tools* > *Display Settings* > *Clock Format* > *Main Clock* or *Front Clock* > *Digital*, *Analog*, *Minimize* (mini display only), or *Off*.

■ Phone settings

The *Phone Settings* menu allows you to designate specific network settings and operational modes for your phone.

Standalone mode

To turn off radio frequencies, as in airplane mode, select *Menu* > *Settings & Tools* > *Phone Settings* > *Standalone Mode* > *Off*.

Shortcut key

You can assign menu shortcuts on the scroll key to your favorite or most frequently used functions. The shortcut is activated when you press the scroll key while in the standby mode. See "Scroll key," p. 11 for the default shortcuts.

1. Select *Menu* > *Settings & Tools* > *Phone Settings* > *Set Shortcut Key*.

2. Select a shortcut key to modify (*Left Key*, *Up Key*, *Right Key*, or *Down Key*). To reset the scroll key shortcuts to the default settings, select *Reset All* > *Yes* > *OK*.

3. Highlight the function you wish to assign as a shortcut, and select *OK*.

Language

To set the default language of your phone menu and displays, select *Menu* > *Settings & Tools* > *Phone Settings* > *Language* > *English* or *Spanish*.

Security

To secure the phone electronically, select *Menu* > *Settings & Tools* > *Phone Settings* > *Security*. This feature protects your phone from unauthorized outgoing calls or unauthorized access to information stored in the phone.

Enter your lock code (**0000** or the **last four digits** of your phone number), and select from the following options:

Lock Mode—To prevent others from using your phone or changing location settings. To turn the phone lock on, off, or on when the phone is first switched on, select *Device* > *Lock*, *Unlock*, or *On Power Up* > *OK*. When device lock is on for the phone, you must input your phone lock code to use the phone. Press and hold **#** for quick *Lock Mode* phone activation. To cancel *Lock Mode*, select *Unlock*, and enter your lock code. To share position information over the network, select *Location*. Select *Location On* to make position information continually available or select *E911 Only* to make this information available for emergency services only.

For calls to emergency numbers, location information may be used by the emergency operator to determine the position of the phone. The functionality and accuracy of this feature are dependent on the network, satellite systems, and the agency receiving the information. This feature may not function in all areas or at all times.

Edit Code—To change the lock code for the phone. Enter matching four-digit lock codes in the *New Code* and *Confirm Code* entry areas, and select *OK*.

When *Device* lock is on, the only outgoing calls that can be made are to the emergency number programmed into your phone. The phone will remain locked even if the phone is switched off and switched back on again.

System select

To set your phone to roam or search for another network when you are not in your home area, select *Menu* > *Settings & Tools* > *Phone Settings* > *System Select* and one of the following options:

Automatic B or *Automatic A*—Search for service in another network. The roaming rate applies when you are not in the home service area.

Home Only—Make and receive calls in your home area only.

Number assignment modules

If your phone is registered with two phone numbers using number assignment modules (NAM) (for example, work and personal numbers), you can choose which number to use as your origination number. Select *Menu* > *Settings & Tools* > *Phone Settings* > *NAM Selection*. To have your phone automatically switch to the proper NAM, select *Auto NAM* > *On*. To manually choose the origination number, select *Change NAM*.

■ Call settings

To designate how your phone handles incoming and outgoing calls, select *Call Settings*.

Answer options

To determine how calls may be answered on your phone, select *Menu* > *Settings & Tools* > *Call Settings* > *Answer Options* and one of the following:

Flip Open—Answer the call when the flip is opened.

Any Key—Answer the call by pressing any key on the keypad.

Send Only—Accept no incoming calls. Incoming calls are forwarded to voice mail.

Auto Answer—Answer the call automatically in about 5 seconds, using the speaker phone. If the flip is closed, *Auto Answer* mode is not activated except when a headset or hands-free car kit is attached to the phone.

Auto retry

To set the length of time the phone waits before automatically redialing a number when the attempted call fails, select *Menu* > *Settings & Tools* > *Call Settings* > *Auto Retry* > *Off*, *Every 3 Seconds*, *Every 5 Seconds*, *Every 7 Seconds*, or *Every 10 Seconds*. Occasionally, your network may experience heavy traffic resulting in a fast busy signal when you dial. With automatic retry activated, your phone redials the number (the number of times is specified by the network) and notifies you once the network is available.

TTY mode

A phone with TTY/TDD (teletype/telecommunication device for the Deaf) support is able to translate typed characters to voice. Voice can also be translated into characters and displayed on the TTY. To attach a TTY enabling you to

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communicate with parties also using a TTY device, select *Menu* > *Settings & Tools* > *Call Settings* > *TTY Mode* and one of the following:

TTY Full—Turn on full TTY capability.

TTY + TALK—Turn on TTY in voice carry-over (VCO) mode.

TTY + HEAR—Turn on TTY in hearing carry-over (HCO) mode.

TTY Off—Turn off TTY mode.

One-touch dial

To initiate a speed dial call by entering the speed dial digits, select *Menu* > *Settings & Tools* > *Call Settings* > *One Touch Dial* > *On* or *Off*. If set to *Off*, speed dial numbers designated in your contact list do not function. See "Speed Dials," p. 42.

Voice privacy

To set the voice privacy feature for CDMA calls, select *Menu* > *Settings & Tools* > *Call Settings* > *Voice Privacy* > *On* or *Off*. The voice privacy feature protects the privacy of your current phone conversation from other callers placing phone calls on your same network. CDMA offers inherent voice privacy that protects the identity of users and makes interception very difficult. This is a network service.

Voice services

Before using voice services, note the following:

- 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.

- Voice tag recording prompts are turned off when your phone is in All sounds off mode.

- Very short names are not accepted. Use long names, and avoid similar names for different numbers.

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

To access the voice services available with your phone, select *Menu* > *Settings & Tools* > *Call Settings* > *Voice Services* and one of the following options:

- *Voice Dial*—Call a person in your contact list by speaking their name into your phone. To create a voice dial, select *New*, and highlight or search for a contact. Choose the number for the contact that will be voice dialed, and select *OK*. To record a voice dial for the contact, select *OK*, and follow the phone prompts "Name please" and "Again." You will hear "Added," and the contact is added to the voice dial list.

  In the voice dial list, highlight a voice dial entry, and select *PLAY* to hear the voice dial recording, or select from the available options.

  The voice dial feature is also available on the *EDIT CONTACT* screen in the *Contacts* menu when you highlight a number for the contact and select *Options* > *Set Voice Dial*. See "View or edit the contact list," p. 40.

- *Voice Setting*—Activate the voice dial function, and set the voice dial activation mode. To activate voice dialing and set the mode, use the scroll key to change the *Set Active* mode from *Off* to *Send Key* (you are prompted for a voice dial when you press and hold the send key) or *Active Flip* (you are prompted for a voice dial when you flip open the phone).

  To enable hands-free kit mode, use the scroll key to change the *HFK Mode* from *Off* to *On*.

- *Train Word*—Use your voice to enable voice services to recognize how you pronounce control words. Highlight *Yes*, *No*, or *Wake-up* and follow the prompts. You will hear "Training successful" when complete. Highlight a word, and select *Undo* > *Yes* to undo the word training or *Undo Train All* to undo all control word training.

DTMF tones

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

To set the key tone length, select *Menu* > *Settings & Tools* > *Call Settings* > *DTMF Tones*. Select *Normal* to send out a tone for a fixed period of time no matter how long you press the key or *Long* to send out a continuous tone for as long as you keep the key pressed.

■ Memory

To check the amount of phone memory you are using for PIX and sound file storage, select *Menu* > *Settings & Tools* > *Memory*, and one of the following options:

Memory Usage—To display the total used and available memory in MB.

My PIX—To display the size (in kB) of the PIX files stored in *My PIX*. To delete PIX files, select *Erase*, the files you wish to delete, and *MARK* or *Mark All*. Select *Done* > *Yes* > *OK*.

My Sounds—To display the size (in kB) of the sound files stored in the *My Sounds* folder. To delete sound files, select *Erase*, the files you wish to delete, and *MARK* or *Mark All*. Select *Done* > *Yes* > *OK*.

See "Information and help," p. 24.

■ Phone information

To view information about your phone, select *Menu* > *Settings & Tools* > *Phone Info* to display the following information:

My Number—The active phone number.

SW Version—The current software version for your phone.

Icon Glossary—The library of screen icons shown while in a call or when using features.

9. Enhancements

Check the model number of any charger before use with this phone. This phone is intended for use when supplied with power from charger XX–XXXX for the XX–XXXX battery.

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. For availability of approved enhancements, please check with your dealer.

A few practical rules about accessories and enhancements:

• Keep all accessories and enhancements out of the reach of small children.

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

• Check regularly that enhancements installed in a vehicle are mounted and are operating properly.

• Installation of any complex car enhancements must be made by qualified personnel only.

Power

• 1000 mAh Li-Ion Battery (XX-XXXX)

• Travel Charger (XX-XXXX)

10. Reference information

This chapter contains safety and maintenance information and specifications for your product.

■ Battery information

For battery installation and replacement information, see "Replace the battery," p. 13.

Your phone 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 phone.

If a replacement battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger then disconnect and reconnect it to begin charging the battery.

Unplug the charger from the electrical plug and the phone when not in use. Do not leave the 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 59°F and 77°F (15°C and 25°C). A phone 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 as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

Care and maintenance

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

- Keep the phone and all of its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your phone does get wet, remove the battery and allow the phone to dry completely before replacing it.
- Do not use or store the phone in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone returns to its normal temperature, moisture can form inside the phone and damage electronic circuit boards.
- Do not attempt to open the phone other than as instructed in this guide.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.
- Do not paint the phone. Paint can clog the moving parts and prevent proper operation.
- Use a soft, clean, dry cloth to clean any lenses (such as camera, proximity sensor, and light sensor lenses).
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate regulations governing radio devices.
- Use chargers indoors.

All of the above suggestions apply equally to your phone, 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

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

Remember to follow any special regulations in force in any area and always switch off your phone when its use is prohibited or when it may cause interference or danger. Use the phone only in its normal operating positions. This phone meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 22 millimeters 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 phone the above-stated distance from your body.

In order to transmit data files or messages, this phone requires a good 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.

■ Medical devices

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

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15.3 centimeters (6 inches) be maintained between a wireless device or 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. To minimize the potential for interference, persons with pacemakers should:

• Always keep the phone more than 15.3 centimeters (6 inches) from their pacemaker.

• Not carry the phone in a breast pocket.

- Hold the phone to the ear opposite the pacemaker to minimize the potential for interference.

If you suspect interference, switch off your phone and move the phone away.

Hearing aids
Some digital wireless devices 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, and 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 phone, or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the phone. Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or 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.

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

■ Potentially explosive environments

Switch off your phone 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 phone at refueling 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.

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

■ Emergency calls

Important: Wireless phones, including this phone, 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 phone for essential communications like medical emergencies.

To make an emergency call, make sure your phone is properly charged before attempting any emergency calls. If your battery becomes empty, you cannot receive or make calls, including emergency calls and must wait a few minutes after the charging begins to place your call.

1. Press the end key as many times as needed to clear the display and ready the phone for calls.

2. Enter the official emergency number for your present location and press the send key. Emergency numbers vary by location.

If certain features are in use, you may first need to turn those features off 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 phone may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

■ Certification information (SAR)

THIS MOBILE DEVICE MEETS GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The

actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 0.749 W/kg.

Use of device accessories and enhancements may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at **www.nokia.com**.

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use at the ear is 1.25 W/kg and when properly worn on the body is 1.1 W/kg. Information about this device model can be found at **http://www.fcc.gov/oet/fccid** by searching the equipment authorization system using FCC ID **QMNRM-214**.

■ Hearing aid compatibility (HAC)

Your mobile device model complies with FCC rules governing hearing aid compatibility. These rules require an M3 microphone or higher value. The M-value, shown on the device box, refers to lower radio frequency (RF) emissions. A higher M-value generally indicates that a device model has a lower RF emissions level, which may improve the likelihood that the device will operate with certain hearing aids. Some hearing aids are more immune than others are to interference. Please consult your hearing health professional to determine the M-rating of your hearing aid and whether your hearing aid will work with this device. More information on accessibility can be found at **www.nokiaaccessibility.com**.

■ Technical information

Type designation—RM-214

Dimensions—Width, 46 mm; length, 85 mm; depth, 19 mm

Weight—84 g with 1000 mAh Li-Ion Battery (XX-XXXX)

Display—1.5-in VGA, 128x128 pixels, 16.7M colors

Camera—Integrated 330k pixel with 4x digital zoom and flash

Wireless networks—CDMA 800 and 1900 MHz, and CDMA2000 1xRTT

Frequency range (Tx)—PCS: 1851.25–1908.75 MHz, Cellular: 824.70-848.37 MHz

Frequency range (Rx)—PCS: 1931.25–1988.75 MHz, Cellular: 869.70–893.37 MHz

GPS frequency—1575.42 MHz

■ Battery information

This section provides information about battery charging times with the travel charger, talk-times, and standby times. Be aware that the information in this section is subject to change. For more information, contact your service provider.

Charging times

The following charging times are approximate with the XX-XXXX 1000 mAh Li-Ion battery:
Travel Charger: Up to 3.5 hours

Talk and standby times

Operation times are estimates only and depend on signal strength, phone use, network conditions, features used, battery age and condition (including charging habits), temperatures to which the battery is exposed, and many other factors.

Talk time: Up to 203 minutes (digital)
Standby time: Up to 220 hours (digital)

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