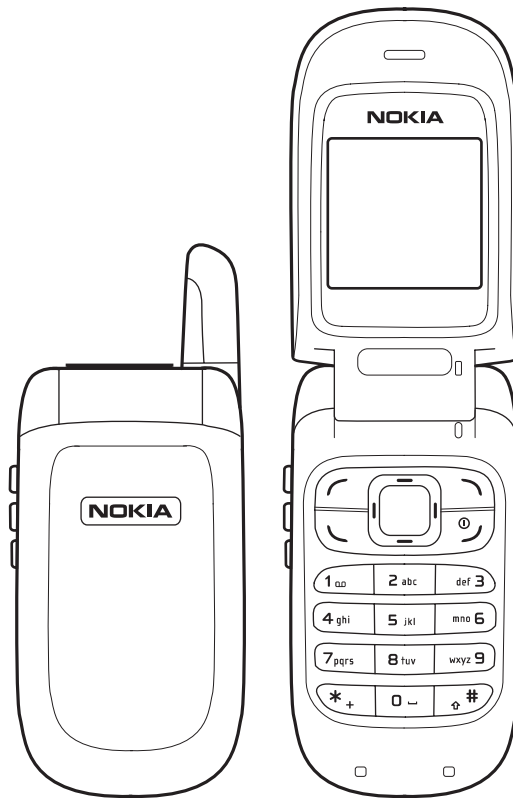


Nokia 2355 User Guide



FCC DRAFT

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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 condition that this device does not cause harmful interference.

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For your safety

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 phone on when wireless phone use is prohibited or when it may cause interference or danger.



Road safety comes first

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



Interference

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



Switch off in hospitals

Follow any restrictions. Switch the phone off near medical equipment.



Switch off in aircraft

Follow any restrictions. Wireless devices can cause interference in aircraft.



Switch off when refueling

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



Switch off near blasting

Follow any restrictions. Do not use the phone where blasting is in progress.



Use sensibly

Use only in the normal position as explained in the product documentation. Do not touch the antenna unnecessarily.



Qualified service

Only qualified personnel may install or repair this product.

For your safety



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.



Backup copies

Remember to make back-up copies or keep a written record of all important information stored in your phone.



Connecting to other devices

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



Emergency calls

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

■ About your device

The wireless devices described in this guide are approved for use on the CDMA 800 networks. Contact your service provider for more information about networks.

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



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

■ Network Services

To use the device you must have service from a wireless service provider. Many of the features in this device depend on features in the wireless network to function. These network services may not be available on all networks or you may have to make specific arrangements with your service provider before you can utilize them. Your service provider may need to give you additional instructions for their use and explain what charges will apply. Some networks may have

For your safety

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 device. If so, they will not appear on your device menu. Contact your service provider for more information.

■ Shared memory

The following device features may share memory: contacts; text messages; images, and tones in gallery; calendar notes; games; and applications. Use of one or more of these features may reduce the memory available for the remaining features sharing memory. If your phone displays a message that the memory is full when you try to use a shared memory feature, delete some of the information or entries stored in the shared memory features before continuing. Some of the features, such as photos, images, and tones in gallery; text messages; and applications may have a certain amount of memory specially allotted to them in addition to the memory shared with other features.

Welcome

Congratulations on your purchase of the Nokia 2355 mobile phone. Your phone provides many functions which are practical for daily use, such as a hands-free loudspeaker, alarm clock, calculator, calendar, and more.

■ Register your phone

Make sure to register your phone at www.warranty.nokiausa.com or call 1-888-NOKIA-2U (1-888-665-4228) so that we can serve your needs better if you should call a customer center or to have your phone repaired.

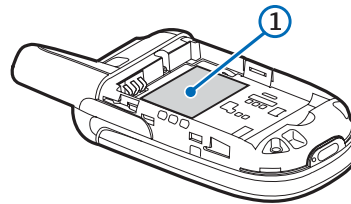
■ Getting help

Find your phone label

If you need help, Nokia Customer Care is available for assistance. Before calling, we recommend that you write down the following information and have it available:

- Electronic serial number (ESN)

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



Nokia support and contact information

Check www.nokia.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.

W e l c o m e

Updates

Check www.nokia.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.

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.

1. Phone at a glance

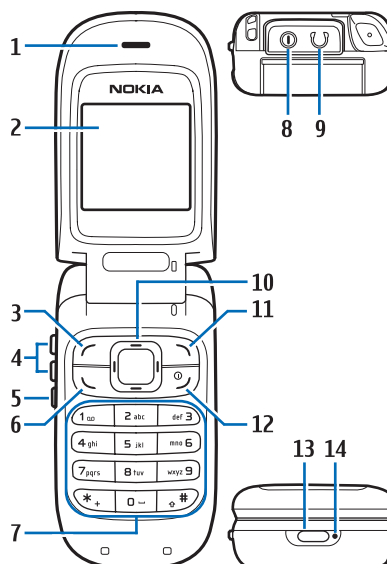
■ Open the fold

To use the device, you must open the fold. Do not try to open the fold more than the hinge allows.

To close the fold, push from the top part of the device, not from the hinge.

■ Device keys, indicators, and connectors

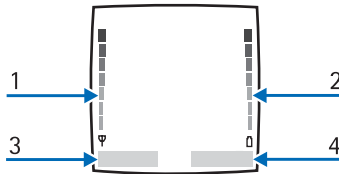
- Earpiece and speakerphone (1)
- Display screen (2)
- Left selection key (3)
- Volume keys (4)
- Flashlight key (5)
- Call key (6)
- Keypad (7)
- Charger connector (8)—under the rubber cover
- Headset connection (9)—under the rubber cover
- 4-way scroll key (10)
- Right selection key (11)
- End and power key (12)
- Flashlight lens (13)
- Microphone (14)



Phone at a glance

■ Standby mode

The standby mode is home base and indicates your phone is in idle mode.



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

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

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

[ContactsGo to](#) (4)—Press the right selection key to select this option.

■ Quick keys







In the standby, the four-way scroll key instantly takes you to frequently-accessed menus:

- **Scroll up key**—View contacts.
- **Scroll right key**—View the calendar.
- **Scroll down key**—View contacts.
- **Scroll left key**—Write a text message.

■ Indicators and icons


Depending on your wireless service provider, your phone may support some of the following indicators and icons:

- ✉ You have new text or picture messages. See "Read and reply," p. 26.
- 🖼️ You have attached a picture to a text message. See "Write and send," p. 24.
- 🗣️ You have new voice messages. See "Voice messages," p. 35.
- 🔒 Your phone's keypad is locked. See "Lock the keypad (keyguard)," p. 20.
- 🔕 Your phone is set to the Silent profile. See "Profiles," p. 54.
- 🕒 The alarm clock is On. See "Alarm clock," p. 71.
- 🕒 The countdown timer is running. See "Countdown timer," p. 77.
- 🕒 The stopwatch timer is running in the background. See "Stopwatch," p. 78.

-  Integrated handsfree speaker is active. See "Using the loudspeaker," p. 19.
-  The timed profile is selected. See "Profiles," p. 54.
-  or  An enhancement is connected to the phone. See "Enhancement settings," p. 65.
-  You are in a digital network. See "Network Services," p. 5.
-  You are in a 1XRTT network. See "Network Services," p. 5.

■ Phone menus

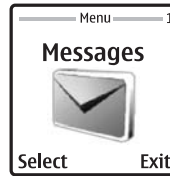
Phone features are grouped according to function and are accessed through the main menus. Each main menu contains submenus and lists from which you can select or view items and customize your phone features. You can access these menus and submenus by using the scroll method or by using a shortcut.

 **Note:** Some features may not be available, depending on your network. For more information, contact your wireless provider.

User interface features

You can choose from two types of menu interface: *List* and *Grid*. See "Menu view," p. 64 for more information.

In the *List* interface, full-color images introduce the menu. Scroll up and down to navigate through the menus. The menu icons shown in this user guide represent the *List* interface icons.



In the *Grid* interface, multiple menu icons appear on a single display. Use the four-way scroll keys to navigate through the icons.

Scroll method

1. In the standby mode, select *Menu* and scroll up and down through the main menus.

As you scroll through the menus, the menu number appears in the upper right corner of the display. Below the number is a scroll bar with a tab that moves up or down on the right side of the



Phone at a glance

display screen as you scroll through the menus, providing a visual representation of your current position in the menu structure.

2. When you arrive at a menu, press the left selection key (or [Select](#)) to enter submenus.

Select [Back](#) (the right selection key) to return to the previous menu.

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

Shortcuts

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

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

For example, to go directly to the calculator, select [Menu](#) 7-4 from the standby mode ([Menu](#) > 7 [Organizer](#) > 4 [Calculator](#)). After a brief pause, the calculator opens.

Shortcut keys

The four-way scroll keys and the zero key also have menu shortcuts.

- Scroll left to go to the SMS text editor.
- Scroll right to view the monthly calendar.
- Scroll up or down to see a list of names in [Contacts](#).
- A long press of the 0 (zero) launches the browser.

In-phone help

Many features have brief descriptions (help text) which can be viewed on the display. To view these descriptions, scroll to a feature and wait for about 15 seconds. Select [More](#) to view all of the description, or select [Back](#) to exit.

In order to view the descriptions, you must first activate help text.

In the standby mode, select [Menu](#) > [Settings](#) > [Phone settings](#) > [Help text activation](#) > [On](#) or [Off](#).

■ [Lock code security settings](#)

Your device has a security option allowing you to lock your phone with a code. When the code is set and turned on, no outgoing calls are allowed and the menu

Phone at a glance

cannot be accessed without entering the correct code first. This prevents unauthorized outgoing calls or access to any information stored on your device.

The *Security* option is in the *Settings* menu. The first time you access the Security option, you must enter a lock code. The default lock code may vary depending on your wireless service provider. The preset lock code may be the last four digits of your phone number, 1234 or 0000. If none of these work, contact your wireless service provider for help.

You must enter the lock code to access the following *Security* option:

1. In the standby mode, select *Menu > Settings > Security*.
2. Enter the lock code, and select *OK*. See ""Change lock code," p. 66" 66.

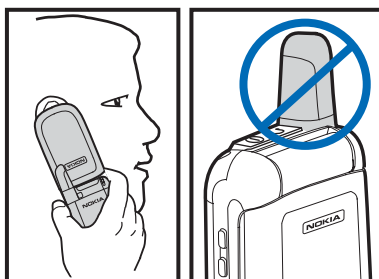
■ Go to functions

The *Go to* menu is the right selection key on your phone. With this function, you can quickly access your most frequently used functions from the *Go to* menu in the standby mode. See "Personal shortcuts," p. 55 for more information on choosing and organising functions in Go to.

2. Set up your phone

■ Antenna

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



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

■ Insert the battery



Note: Always switch the device off and disconnect the charger before removing the battery. Always use original Nokia batteries. See "Batteries and chargers," p. 85.

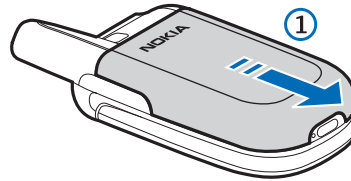
UIM card slot

Your phone has a UIM (CDMA SIM) card slot built into the mechanics. However, the UIM is not functional in this phone model. Avoid placing anything into the UIM card slot.

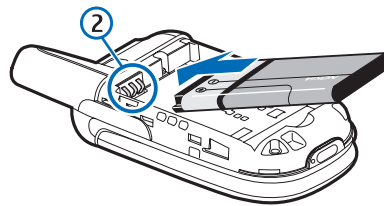
Set up your phone

Insert the battery

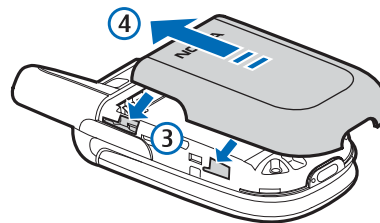
Slide the back cover off to remove it (1).



Insert the battery so that the gold-colored connectors on the battery align with the connectors on the device (2).



Replace the back cover: align the catches (3) together, and slide the cover (4) forward.

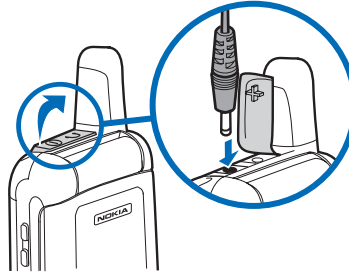


Set up your phone

Charge the battery

1. Plug the charger transformer into a standard ac outlet.
2. Open the rubber cover located at the top of the phone. Connect the charger plug into the connector in the device.

The battery indicator bar starts scrolling. When the battery is fully charged, the bar stops scrolling.



3. Disconnect the charger from the device and the ac outlet.

■ Turn your phone on and off



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


The on-off function for this device is combined with the end key. To switch the device on or off, press and hold the end key.

When you switch the device on, it may request a PIN code or security code. Enter the code and select **OK**. The preset security code is 12345. For information about device codes, see "Security settings," p. 65.

■ Connect the headset

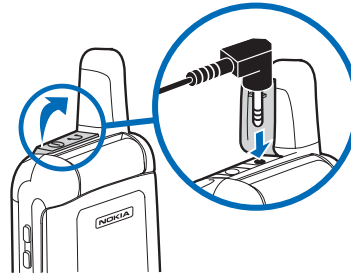
A compatible headset may be purchased with your phone or separately as an enhancement. See "Enhancements," p. 84 for information.

Set up your phone

1. Plug the headset connector into the connector at the top end of your phone.
2. Position the headset on your ear. The  icon appears in the standby mode.

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

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



■ Make a call

Using the keypad

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

Using the contacts list

1. In the standby mode, scroll up or down to the entry you wish to view.
2. Press the call key to make the call, or select *Details* to view details of the entry.

See "Contacts," p. 42 for more information on using the contacts list.

Using the last dialed number

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

Set up your phone

Carrier selection provisioning (CSP)

CSP functionality enables you to choose a preferred long distance carrier by entering a carrier code. The carrier code default value is null. See ""Preferred carrier," p. 56" 56.



Note: CSP function affects only long distance and international calls.

If CSP is active, a 2-digit preferred carrier code is displayed with the first digit of the phone number entered. This code appears after you press the call key and before you make the call.

1. Enter the long distance or international number you want to call, press the call key, and verify that the 2-digit CSP code appears after the first digit of the number entered.
2. Determine whether you want to turn the CSP function on or off. If you select *On*, you will be prompted to change or enter the CSP code. If you select *Off*, the CSP code will remain the same.

■ Answer calls

Answer or silence an incoming call

1. Press the call key to answer the call.
2. Press the end key or *Silence* to mute the ringing tone; then select *Answer* to answer the call, or do nothing, and the call is eventually diverted to voicemail.

Answer a call with the keypad locked

To answer a call with the keypad locked, simply press the call key. During the call, all features function as normal. When you end the call or do not answer it, the keypad automatically re-locks. See "Lock the keypad (keyguard)," p. 20 for more details.

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

Adjust the earpiece volume

While in a call, press up or down on the volume key, located on the left side of the phone, to adjust the volume of the earpiece.

Set up your phone

When adjusting the volume, a bar chart appears in the display indicating the volume level.

Using the loudspeaker

You can use your phone as a loudspeaker during a call. Do not hold the phone to your ear during the loudspeaker operation.

- To activate the loudspeaker, select *Loudsp.*
- To deactivate the loudspeaker during a call, select *Handset.*

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

Set up your phone

Options during a call

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

1. Select *Options* during a call to display a list of options available during a call.
2. Select an option to activate it or enter its submenu.

■ Lock the keypad (keyguard)

The keypad lock protects the device from accidental key presses. To lock or unlock the keypad, press the left selection key and quickly press *. Keyguard is not activated when you close the fold.

To answer a call when the keyguard is on, press the call key. When you end or decline the call, the keypad automatically relocks. When the keyguard is on, calls may be possible to the official emergency number programmed into your phone. Enter the emergency number and press the call key.

3. Text entry

You can use two methods for entering text and numbers: standard mode and predictive text mode.

■ Standard mode

Standard mode is the only way to enter text into the contacts list, and to rename caller groups.

Text (Abc)

- Press a key once to insert the first letter on the key, twice for the second letter, etc. If you pause briefly, the last letter in the display is accepted and your phone awaits the next entry.
- Press 0 to enter a space, thereby accepting a completed word.
- Press 1 as many times as necessary to scroll through a list of commonly used characters.
- Press * to display a complete list of special characters.
- Press and hold # to access *Editor settings* > *Number mode*, *Dictionary on* or *Dictionary off*, or *Writing language*.

Numbers (123)

To switch to 123 mode from Abc mode:

1. Press and hold #.
2. At the *Editor settings* menu list, select *Number mode*.

The phone will return to the message entry screen and switch the ABC icon in the upper left corner of the display to the 123 icon.

Change language

To change the language, do the following:

1. Press and hold #.

Text entry

2. At the *Editor settings* menu list, select *Writing language*, and the new language.

The phone will return to the message entry screen, and you can compose in the new language.

Punctuation and special characters

While at any text entry screen, press * to display special characters (press and hold * if predictive text is on). Press * again to cycle through all available characters. Scroll to navigate through the list of special characters. Once a character is highlighted, select *Use* to insert the character into your message.

■ Predictive text mode

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

Activate and deactivate

At any text entry screen, select and hold *Options* or select *Options > Dictionary on* or *Dictionary off*.

Predictive text is turned on and off, depending on its previous mode.

Enter text

The illustration below simulates your display each time a key is pressed. For example, to write Nokia with predictive text on and with the English dictionary selected, press each of the following keys once:





- Press 0 to enter a space and begin writing the next word.
- If a displayed word is not correct, press * to see other matches. To return to the previous word in the list of matches, select *Previous*.
- If ? appears after a word, it is not in the dictionary. Select *Spell* to add the word to the dictionary.


- Press 1 to insert a period into your message.
- Press and hold * to display special characters. Press * again to cycle through all available characters.
- Press and hold the specific number key to enter a number.
- Press and hold # to access [Editor settings > Number mode](#), [Dictionary on](#) or [Dictionary off](#), or [Writing language](#).


■ Change case and mode


Press # to switch between uppercase, lowercase, and sentence case, as well as standard and predictive text modes. Case and mode are indicated by the following icons that appear in the upper left of the display screen.


 Uppercase text: standard mode is on.

 Lowercase text: standard mode is on.

 Sentence case text: standard mode is on. Only available at the beginning of a sentence.

 Uppercase text: predictive text is on.

 Lowercase text: predictive text is on.

 Sentence case text: predictive text is on. Only available at the beginning of a sentence.

■ Delete text

To delete text, use one of the following options:

- Select [Clear](#) to backspace the cursor and delete a character.
- Select and hold [Clear](#) to backspace continuously and delete characters.

4. Messages



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

When composing text messages, picture messages, or multimedia messages, check the number of characters allowed in the top right corner of the message. Using special (Unicode) characters takes up more space. If there are special characters in your message, the indicator may not show the message length correctly. Before the message is sent, the phone will tell you if the message exceeds the maximum length allowed for one message.



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



Important: E-mail messages or multimedia message objects may contain viruses or otherwise be harmful to your device. Do not open any attachment if you are not sure of the trustworthiness of the sender.

■ Text messages

Write and send

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Create message*.
To go quickly to the *Create message* display, scroll left from the standby mode.
After a brief pause, the message entry screen appears in the display.
2. Compose a message using the keypad and select *Options*.
3. Select *Send to* > *Send to number*, *Send to many* or *Send to distrib. list*.
Send to distrib. list option appears only if a distribution list has been created. See "Distribution lists," p. 27.

4. Enter the recipient's phone number or e-mail address, or select *Search* to retrieve a number from your contacts list; select *Send*.

Templates

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

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Create message*.
2. Select *Options* > *Use template* and one the available templates.
3. Complete your new message, and select *Options* > *Send to* > *Send to number*, *Send to many* or *Send to distrib. list*.
Send to distrib. list option appears only if a distribution list has been created. See "Distribution lists," p. 27.
4. Enter the recipient's phone number or e-mail address, or select *Search* to retrieve an entry from your contacts list, and select *Send*.

Options

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

Send to—Choose *Send to number*, *Send to many* or *Send to distrib. list* to send the message to one ore more recipients. (*Send to distrib. list* option appears only if a distribution list has been created. See "Distribution lists," p. 27.)

Send options—Set the priority of the message, choose to receive a delivery note when a message is sent, or to send a callback number.

Clear text—Erase the text from the message editor.

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

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

Save message—Select *Drafts* to save the message to your drafts folder; select *Templates* to save the message as one of your predefined templates.

Exit editor—Automatically saves the message to the Drafts folder and exits the message editor.

Use template—Insert a predefined template into your message.

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

Messages

Insert word—Enter the text of a new word that might not appear in the dictionary.

Edit word—Edit the text of a new word that might not appear in the dictionary.

Insert symbol—Insert a special character into your message.

Matches—View matches found in the dictionary for the word you want to use.

Dictionary on or *Dictionary off*—Turn the dictionary on or off.

Writing language—Choose the language of the text editor.

Read and reply

When you receive a message, your phone beeps, and *1 message received* and the unopened letter icon (✉) appear in the display.

When you have unopened messages in your *Inbox*, ✉ is shown in the upper left corner of the screen as a reminder.

1. Select *Show* to read the message, or *Exit* to dismiss the notification.
Scroll up or down to view the whole message if necessary.
2. Select *Options* > *Reply*.
3. Select a *Reply* option; then compose your reply using the keypad.
4. Select *Options* > *Send*.

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

Delete—Discard the message.

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

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

Save—Save the message to a folder.

Forward—Forward the message to another phone number.

Rename—Edit the title of the message.

When you reply to a text message, your options are the same as when creating a message. See "Options," p. 25 for more information.

Change sending options

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Message settings* > *Sending options*.

2. Select the setting you wish to change:

Priority—Set the priority of the note.

Delivery note—A note is sent to you confirming delivery of the message.

Send callback number—Include your callback number in a text message.

Change other settings

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

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Message settings* > *Other settings*.

2. Select the setting you wish to change:

Message font size—Select *Small font* or *Large font*.

Message overwriting—Select *Sent items only*, *Inbox only*, *S. items & Inbox*, or *Off*.

Save to sent items as sending—Select to *Always save*, *Always prompt*, or *Off*.

Queue msgs. when digital unavailable—Select *On*, *On prompt*, or *Off*.

Distribution lists

You can send a text message to multiple recipients at one time. First, you must create a distribution list using the entries in your contacts list.

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Distribution lists*.

2. Select *Options* > *Add list*.

3. Enter the name of the list and select *OK*.

4. With the list highlighted, select *Options* > *View list* > *Add contact*.

5. Select the contact you want to add to the distribution list.

6. Select the phone number you want to add.

Repeat steps 4–6 to add additional contacts to the distribution list.

Send a message

To send a message to all contacts in a created distribution list:

Messages

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Create message*.

After a brief pause, the message entry screen appears in the display.

2. Compose a message using the keypad and select *Options*.
3. Select *Send to* > *Send to distrib. list*.
4. Select the distribution list you are sending to, and select *OK*.

Options

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Distribution lists*.

2. Highlight a distribution list and select *Options*.

3. Select one of the following:

Add list—Create a distribution list using your contacts list.

View list—View the list of contacts or numbers in a distribution list that you have created.

Send message—Send a text message to the distribution list selected.

Rename list—Rename a distribution list that you have created.

Clear list—Delete the contacts or numbers from a distribution list that you have created.

Delete list—Delete a distribution list that you have created.

■ Text message folders

Save messages to folders

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

1. Open the received message or create a new message, and select *Options*.
2. Select *Save message* and scroll to the folder available:

Sent items—Messages that have been sent by the network are automatically stored in the *Sent items* folder.

Drafts—Messages that you create can be stored in the *Drafts* or *Templates* folder.

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

Templates—Prewritten templates are stored in the *Templates* folder. You can also save received messages in the *Templates* folder to use as templates. Preloaded and saved templates can be edited and customized.

My folders—Keep your messages organized by creating custom folders and saving some of your messages there. Select *Options* > *Add folder* to add a custom folder. You can also select *Options* > *Rename folder* or *Options* > *Delete folder* to rename or delete a folder you have created.



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

View saved messages

1. In the standby mode, select *Menu* > *Messages* > *Text messages*.
2. After a brief pause, select folder containing the message you wish to view.
3. Once the folder opens, select the message you wish to view.

■ Multimedia messages

A multimedia message (MMS) is a network service. If your wireless service provider supports this feature, then an MMS can be created in SMIL presentation format. SMIL presentation format means that MMS can hold multiple slides each containing 1 image, 1 sound clip, and text, or a single slide that contains video and text only. If supported by your wireless service provider, you may also be able to receive business cards and calendar notes. Maximum MMS size is reached at 100 KB. If the maximum size is exceeded, the phone may not be able to send or receive the message. Once you save the MMS, you can play back the video clip, use the image as a screen saver, or use the sound as a ringing tone. In some networks, you may receive a message that includes an internet address where you can view the multimedia message.

The default setting of the multimedia message service is generally on. The appearance of a multimedia message may vary depending on the receiving device.

Messages



Note: Only devices that offer compatible multimedia message or e-mail features can receive and display multimedia messages. Multimedia message objects may contain viruses or otherwise be harmful to your device or PC. Do not open any attachment if you are not sure of the trustworthiness of the sender.



Note: When your phone is dedicated to a call in progress, an application (such as a game), or an active web browser connection, the phone cannot receive multimedia messages.

Multimedia messaging supports JPEG, GIF, PNG, AGIF, BMP and WBMP picture formats; MIDI, SP-MIDI and monophonic ringing tones; QCELP and AMR audio encoders and decoders; and H.263 and MPEG4 video format.

The appearance of a multimedia message may vary depending on the receiving device.

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

Write and send

1. In the standby mode, select *Menu* > *Messages* > *Multimedia msgs.* > *Create message.*
2. Enter the text of your message, and select *Options* > *Insert* > *Image, Sound clip, Video clip, or Slide.*
3. Choose the object, and select *Insert.*
4. Select *Options* > *Send to number, Send to e-mail* or *Send to many.*
5. Enter the recipient's phone number or e-mail address, or select *Search* to retrieve a number from your contacts list, and select *OK.*

Sending options

When you create an MMS, depending on the mode of text input you are using, whether you have already attached content, and whether your phone supports the feature, some or all of the following options are available:

Send to number—Send the MMS to a single recipient's phone number.

Send to e-mail—Send the MMS to a single recipient's e-mail address.

Send to many—Send the MMS to more than one phone number or e-mail address.

Insert—Insert an *Image, Sound clip, Video clip, or Slide* into the MMS.

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Delete—Delete a *Video clip*, *Image*, *Sound clip*, or *Slide* that has been inserted into the MMS.

Clear text—Erase the text from the message editor.

Preview—View the MMS before sending it.

Previous slide—Go back to the previous slide.

Next slide—Jump to the next slide.

Slide list—View a list of all slides for the MMS.

Slide timing—Defines the display time of a slide.

Place text first or *Place text last*—Choose where the text appears in relation to the attached content in a slide.

Save message—Select *Saved items* to save the message into your saved items folder.

More options—Choose *Insert contact*, *Insert number*, *Message details*, or *Edit subject*.

Exit editor—Saves the message to your *Saved items* folder automatically, and leave the message editor.

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

Insert word—Enter the text of a new word that might not appear in the dictionary.

Edit word—Edit the text of a new word that might not appear in the dictionary.



Insert symbol—Insert a special character into your message.

Matches—View matches found in the dictionary for the word you are trying to use.

Dictionary on or *Dictionary off*—Turn the dictionary on or off.

Writing language—Choose the language of the text editor.

Read and reply


When a multimedia message is being received,  appears. Once the message has been fully downloaded,  and *Multimedia message received* appear.

1. To view the message, select *Show*.
2. To view the message later, select *Exit > No* when asked to discard.
3. While viewing the message, select *Options > Reply*.
4. Compose your reply using the keypad.

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5. Select *Options* > *Send*.



Note: If  blinks and *Multimedia message memory full, view waiting message?* appears, delete some of your old multimedia messages. See "Delete text or multimedia messages," p. 34 for more information.

Reading options

When you open an MMS that is in SMIL presentation format and if supported by your phone, some or all of the following options are available:

Play presentation—Play the entire presentation, including any image, sound clip, video clip, business card, or calendar note that is attached.

Continue present—Appears if you have stopped a slide presentation without playing it all the way through. The presentation will begin with the slide in focus.

View text—View the text attached to the MMS.

Open image—View the image, if one is included.

Open sound clip—Select an option associated with the sound clip, if one is included.

Open video clip—Select an option associated with the video clip, if one is included.

Open bus. card—Open the business card, if one is included.

Open calend. note—Open the calendar note, if one is included.

When you open an MMS that contains objects (pictures, tones, or text) that are not part of an SMIL presentation and if supported by your phone, the following options are available:

Zoom—Enlarge the picture.

Set contrast—Adjust the contrast of the image.

Save image—Save a picture, if included, to the *Gallery* menu.

Play—Listen to a sound clip or play a video, if one is included.

Save sound clip—Save a sound clip, if included, to the *Gallery* menu.

Save video clip—Save a video clip, if included, to the *Gallery* menu.

Details—View the file name, size, date created, and other details of the object in focus.

Open calend. note—Open the attached calendar note, if one is included.

Open bus. card—Open the attached business card, if one is included.

Messages

The following options are available when you open any MMS, if supported by your phone or wireless service provider.

Delete message—Delete a saved message.

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

Use detail—Extracts any phone numbers, e-mail addresses or URLs found in an MMS and, depending on the content, allows you to open, save, or use.

Edit—Edit the message. You can only edit messages that you have written.

Forward to no.—Forward the message to another number.

Forward to e-mail—Forward the message to an e-mail address.

Forward to many—Forward the message to several recipients.

Message details—View the message subject, size, and class.

Multimedia message settings

You will need to define the MMS settings. MMS settings include saving your messages to the *Sent items* folder, receiving delivery reports, and more.

1. In the standby mode, select *Menu* > *Messages* > *Multimedia msgs.* > *Message settings.*

2. Select one of the following options, to activate it or enter its submenu:

Save sent messages—Select *Yes* or *No* to save sent multimedia messages to the *Sent items* folder.

Delivery reports—Select *On* or *Off* to be notified by the network if the message was sent successfully.

Scale image down—Select *Yes* or *No* to scale the image size smaller.

Default slide timing—Default time is 12 seconds. You can customize the time to your preference.

Allow multimedia reception—Select *Yes*, *No*, or *In home network* for your multimedia service. *In home network* means that you will not receive any multimedia messages that are received outside the home network until you return to the home network.

Incoming multi-media messages—Select *Retrieve* to automatically download multimedia messages or *Ask first* to receive a prompt each time a multimedia

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message is waiting to be downloaded. *Ask first* allows you to retrieve or reject each MMS on an individual basis.

Multimedia message folders

You can save created messages to the *Saved items* folder.

1. Open the received message or create a new message and select *Options*.
2. Select *Save message > Saved items*.


Sent or received messages are automatically saved to one of the following folders:


Inbox—Multimedia messages are automatically stored here after they are received or if you select *Back* when *Multimedia message received* appears. Multimedia messages that have been read are also stored in the inbox.

Outbox—Multimedia messages that you have created and sent are temporarily stored here until they are sent by the network.

Sent items—Multimedia messages that have been sent by the network are automatically stored here.

■ Delete text or multimedia messages

If your text message memory is full and you have more messages waiting at the network,  blinks on the screen.

If your multimedia message memory is full,  blinks on the screen and *Multimedia message memory full, view waiting message?* appears.

You can do the following:

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

A single message

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

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

5. Select *OK* to delete the message or *Back* to exit.

All SMS messages in a folder

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Delete messages*.
2. Select the folder containing the messages you wish to delete and one of the following:
 - All*—Deletes all messages in the folder you choose.
 - All read*—Deletes all read messages in the folder you choose.
 - All unread*—Deletes all unread messages in the *Inbox*.
3. Select *OK* to empty the folder.

All MMS messages in a folder

1. In the standby mode, select *Menu* > *Messages* > *Multimedia msgs.* > *Delete messages*.
2. Select the folder containing the messages you wish to delete and one of the following:
 - Inbox*—Deletes all messages in *Inbox* folder.
 - Outbox*—Deletes all messages in *Outbox* folder.
 - Sent items*—Deletes all messages in *Sent items* folder.
 - Saved items*—Deletes all messages in *Saved items* folder.
3. Select *OK* to empty the folder.

■ Voice messages

If you subscribe to voice mail, your wireless provider will furnish you with a voice mailbox number. You need to save this number to your phone to use voice mail. When you receive a voice message, your phone lets you know by beeping, displaying a message, or both. If you receive more than one message, your phone shows the number of messages received.

Messages

Save voice mailbox number

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

1. In the standby mode, select *Menu > Messages > Voice messages > Voice mailbox number*.

After a brief pause, the *Voice mailbox number* screen appears in the display.

2. If the box is empty, enter the voice mailbox area code and number.
3. Select *OK*.

Call and setup your voice mail

1. Once you have saved the voice mailbox number, press and hold 1.
2. When you connect to voice mail and the prerecorded greeting begins, follow the service's automated instructions to setup your voice mail.

Listen to your voice messages

Once you have setup voice mail, you can dial the voice mailbox number in one of four ways:

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

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

Clear voicemail icon

To clear the new voicemail icon from the standby mode, select *Menu > Messages > Voice messages > Clear voice mail icon*.

Automate voice mail

You can insert special characters called dialing codes into phone numbers such as voice mail, and save the number to a 1-touch dialing location. Dialing codes instruct the receiving system to pause, wait, bypass, or accept the numbers that follow them in the dialing string.



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

Write down voice mailbox number and process

1. Write down your voice mailbox number.
2. Call and check your voice mail as you normally would.
3. Write down your interaction with the recorded prompts step-by-step. Keep in mind that each voice mail service may vary. However, it should look something like this:

Dial 2145551212, pause 5 seconds, press 1, pause 2 seconds, press **1234**, press #.

Be precise; you will need this information in "Setup voice mail with dialing codes," p. 37.

Insert dialing codes

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

The following dialing codes are available:

*—Bypasses a set of instructions.

p—Pauses for 2.5 seconds before sending any numbers that follow.

w—Waits for you to press the call key before sending the numbers or codes that follow.

Setup voice mail with dialing codes

1. In the standby mode, select *Menu > Contacts > Speed dial*.
2. Scroll to an empty 1-touch dialing slot and select *Assign*.
3. Enter your voice mailbox number, including the area code.

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4. Refer to dialing codes and enter any codes as necessary using the information that you wrote down from "Write down voice mailbox number and process," p. 37.

For example, if you pause for 5 seconds after connecting to voice mail, enter p twice after the voice mailbox number, for example, 2145551212pp.

5. Enter any remaining pauses or other information that allows you to listen to your messages, and select *OK*.
6. Enter a name (such as Voice Mail), and select *OK*.

To dial and listen to your voice mail, press and hold the assigned 1-touch dialing key while in standby mode.

If 1-touch dialing is off, the phone displays a prompt asking if you would like to turn 1-touch dialing on.

■ Minibrowser messages

Minibrowser messaging is a network service. See "Network Services," p. 5 for more information.

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

5. Call log



Call log stores information about your last 30 missed, received, and dialed calls respectively and adds the total duration of all calls. When the number of calls exceeds the maximum, the most recent call replaces the oldest.

Whether viewing missed, received, or dialed calls, select *Options* to access these menu options:

Time of call—Displays the date and time of the call.

Send message—Sends a message to the number.

Edit number—Edits the number and associates a name with the number.

Save—Enters a name for the number and saves it to your contacts list.

Add to contact—Adds a number to a contact and saves it to your contacts list (available only with the number not yet stored in your contacts list).

Delete—Clears the number from memory.

Call—Calls the number.

■ View missed calls

The missed calls feature does not function with your device switched off. Missed calls are calls you have never answered. To view missed calls, do the following:

1. In the standby mode, select *Menu* > *Call log* > *Missed calls*, or with missed call notification displayed, select *List*.
2. Scroll to a name or number, and select *Options* and an option to view or activate.

■ View received calls

Received calls are calls that have been answered.

1. In the standby mode, select *Menu* > *Call log* > *Received calls*.
2. Scroll to a name or number, and select *Options* and an option to view or activate.

■ View dialed numbers

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

Call log

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

View call times

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

1. In the standby mode, select *Menu > Call log > Missed calls, Received calls, or Dialed numbers*.
2. Highlight your desired name or number, and select *Options > Time of call*.
3. Scroll down to view the call times from this number; select *Back* to return to the options list.

■ Delete call logs

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

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

■ Call duration

Contact your network operator for the actual calls and services invoice, which may vary depending on network features, rounding off for billing, taxes, and so forth.

Select *Menu* to view the duration of your last call, all your dialed calls, all your received calls, all your calls, your life timer, or to clear your timers. After you select *Clear timers*, enter your lock code, and select *OK*. See ""Change lock code," p. 66" 66.



Note: All call timers, except the life timer, are reset to zero with *Clear timers* selected.



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

To activate the call timer on the display screen, in the standby mode, select [Menu](#) > [Call log](#) > [Call timers](#) > [Show call time on display](#) > [On](#).

To activate the call timer in the standby mode while in a call, select [Details](#) > [Show call time on display](#) > [On](#) or [Off](#).

To view the duration of dialed or received calls placed while in the home network or while roaming, select [Details](#) > [Home](#) or [Roaming](#).

■ Minibrowser duration

Minibrowser is a network service. See ""Network Services," p. 5" 5. If your network operator supports this feature, you can view the size or duration of sent or received data from the minibrowser.



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

In the standby mode, select [Menu](#) > [Call log](#) > [Minibrowser calls](#) and one of the following options:

[Last sent browser data](#)—View the size (KB) of the last sent browser data.

[Last received browser data](#)—View the size (KB) of the last received data.

[All sent browser data](#)—View the size (KB) of all sent browser data.

[All received browser data](#)—View the size (KB) of all received browser data.

[Last browser session](#)—View the duration time of the last browser session.

[All browser sessions](#)—View the duration time of all browser sessions.

[Clear all browser logs](#) > [OK](#) > [Yes](#)—Clear all browser logs.

6. Contacts



The contacts list can hold up to 500 contacts, with multiple numbers and text notes for each contact. The amount of numbers and text entries that you can save may vary, depending on length and the total number of entries in the contacts list.

Select *Contacts* in the main menu to access all options in the menu. To quickly find names saved in the *Contacts* list, scroll up or down with the four-way scroll.

■ Add new contacts

Save a name and number

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

Save (only) a number

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

Save an entry

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

Save multiple numbers and text items

You can save different types of phone numbers, addresses, and notes to entries in the contacts list. The first number you save for any entry is automatically set as the default, or primary number, but the default number can always be changed.

1. In the standby mode, scroll down to the entry you wish to add a phone number or text item.
2. Select *Details* > *Options* > *Add number* or *Add detail*.

Contacts

If you selected [Add number](#), select [General](#), [Mobile](#), [Home](#), [Work](#), or [Fax](#).

If you selected [Add detail](#), select [E-mail address](#), [Web address](#), [Street address](#), or [Note](#).

3. Enter the number or text for the type you have selected, and select [OK](#).
4. To change a number type ([General](#), [Mobile](#), [Home](#), [Work](#), or [Fax](#)), select [Change type](#) in the options list.

You can also change which phone number is the default number for the contact entry.

1. In the standby mode, scroll down to the number you wish to change, and select [Details](#).
2. Scroll to the number you wish to set as default, and select [Options](#) > [Set as default](#).

Voice dialing

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

Before using voice tags, note that:

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



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.

Assign a voice tag to an entry


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

1. In the standby mode, scroll down to enter the contacts list.
2. Highlight the contact you want to assign a voice tag, select [Details](#) > [Options](#) > [Add voice tag](#) > [Start](#).
3. Speak clearly into the microphone.

C o n t a c t s



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

The phone automatically stops recording and saves and replays the voice tag. The  icon appears next to commands which have voice tags assigned.

If recording is not successful, your phone displays an error message. Select *Options* > *Add voice tag* and repeat Step 3.

Dial a number

1. Select and hold *Contacts* > *Go to*.
2. When you hear several beeps and *Speak now* appears, release the key.
3. Pronounce the voice tag clearly into the microphone.

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

Options

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

Play back

1. Select *Menu* > *Voice* > *Voice tags*.
2. Scroll to the voice tag you want to hear.
3. Select *Options* > *Playback*.

Change

1. Select *Menu* > *Voice* > *Voice tags*.
2. Scroll to the voice tag you want to change.
3. Select *Options* > *Change*.
4. Select *Start*. The phone repeats your voice tag, and *Voice tag saved* appears.

Delete

1. Select *Menu* > *Voice* > *Voice tags*.

2. Scroll to the voice tag you want to erase.
3. Select *Options > Delete. Delete voice tag?* appears.
4. Select *OK* to erase the voice tag.

Caller groups

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

Setup a group

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

Options

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

Set up 1-touch dialing

You can associate any entry in the contacts list with a key from 2–9; then dial those entries by pressing and holding the assigned key.

Assign a key to 1-touch dialing

1. In the standby mode, select *Menu > Contacts > 1-touch dialing*.
2. Scroll to any (empty) slot, and select *Assign*.

C o n t a c t s

3. Enter the number (including the area code), and select *OK*; or select *Search* to retrieve a number from the contacts list.
4. Enter a name for the number, and select *OK*.
If 1-touch dialing is off, the phone displays a prompt asking if you would like to turn 1-touch dialing on.
5. Select *Yes* to activate 1-touch dialing.

Change 1-touch dialing numbers

1. In the standby mode, select *Menu* > *Contacts* > *1-touch dialing*.
2. Scroll to the 1-touch dialing entry you wish to change, and select *Options* > *Change*.
3. Enter the new number; or select *Search* to retrieve a number from the contacts list, and select *OK*.
4. Enter a name for the entry, and select *OK*.

Delete 1-touch dialing numbers

1. In the standby mode, select *Menu* > *Contacts* > *1-touch dialing*.
2. Scroll to the 1-touch dialing location you wish to delete, and select *Options* > *Delete*.
3. Select *OK* to delete the key assignment.

■ Edit contacts list entries

1. In the standby mode, scroll down to the contact entry you would like to edit, and select *Details*.
2. Scroll to the phone number, e-mail address, web address, postal address, or note you wish to edit, and select *Options*.

Depending upon the contact entry you are editing, you may select from the following options:

Add voice tag—Add a voice tag to the contact.

Edit number—Edit an existing phone number of the contact.

Delete number—Delete a phone number from the contact.

Use number—Displays the phone number on the screen, ready to be called.

Contacts

View—View the details of the contact entry.

Change type—Change the number type to *General*, *Mobile*, *Home*, *Work*, or *Fax* or the detail type to *E-mail address*, *Web address*, *Street address*, or *Note*.

Set as default—Change the default number of the contact.

Add number—Add a number to the contact.

Add detail—Add an address or note to the contact.

Add image—Add an image from the gallery to the contact.

Caller groups—Add the contact to an existing caller group.

Custom tone—Add a custom ring tone to the contact.

Send bus. card—Send the contact via text message to another phone.

Send message—Create and send the contact a message.

1-touch dialing—Add the contact to your 1-touch dialing list.

Edit name—Edit the name of the contact.

View name—View the name of the contact.

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

Edit detail—Allows you to edit e-mail address, web address, postal address, or note.

Delete detail—Deletes e-mail address, web address, postal address, or note.

Open—Launches the *Minibrowser* to the highlighted web address.

3. Edit the option to your preference, and select *OK*.

■ Delete contacts list entries

1. In the standby mode, select *Menu* > *Contacts* > *Delete*.
2. To delete individual entries, select *One by one*.
3. Scroll to the entry you wish to delete, select *Delete* > *OK* to confirm.
4. To delete the entire contents of your contacts list, select *Delete all*.
5. Select *OK* to confirm.
6. Enter the security code and select *OK*. (See "Security settings," p. 65 for more information.)

C o n t a c t s

■ View Contacts

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

Search—Find a name or select from a list.

Add new—Add a contact to your contacts list.

Edit name—Edit an existing name.

Delete—Delete a name and its associated numbers.

Add number—Add a number to an existing name.

Settings—Change the contacts list view or check the memory status of your phone.

1-touch dialing—View or modify the list of 1-touch dialing numbers.

Voice tags—Attach, listen to, or modify a voice tag to a contact in the contacts list.

My number—View your own phone number.

Caller groups—View and edit the properties for any of the caller groups, including *Family*, *VIP*, *Friends*, *Business*, or *Other*.

Search for a name

1. In the standby mode, scroll down to display the contents of your contacts list.
2. Press the key which corresponds to the first letter of the name for which you are performing a search. Press the key as many times as necessary until the desired letter appears.
3. Scroll up or down to select a contact, and select *Details* to view the details.

Configure settings

You can select how the contacts appear in your contacts list and view the amount of memory used or available in your phone.

1. In the standby mode, select *Menu* > *Contacts* > *Settings*.
2. Select one of the following options:
 - Scrolling view*—Select *Name list*, *Name and number*, or *Name and image* view.
 - Memory status*—View the amount of phone memory used as well as the amount of phone memory available



Note: For more information on used and available memory, see "Shared memory," p. 6.

■ Send and receive contacts (business cards)

If supported by your wireless provider, you can send and receive a business card as a text message to a compatible phone or other handheld device.

Send a business card

1. Highlight the entry from the contacts list that you wish to send and select *Details* > *Options* > *Send bus. card* > *Via text message*.
2. Select *Primary number* or *All details* (if more than one number or detail exists for the contact entry).
3. Enter the number for your recipient, or select *Search* to retrieve a number from your contacts list.
4. select *OK* and the business card is sent.

7. Gallery



You can save pictures and ringing tones to folders in the gallery, or create folders of your own and save them there. You can also download images and tones using web sites.



Note: Only devices that offer compatible multimedia message or e-mail features can receive and display multimedia messages.

■ Open the gallery

In the standby mode, select *Menu* > *Gallery*. The following submenus are displayed:

View folders—Explore the folders in the gallery menu. See View folders in the following section for more info.

Add folder—Add a folder of your own.

Delete folder—Delete a folder you have created.

Rename folder—Rename a folder you have created.

■ View folders

1. In the standby mode, select *Menu* > *Gallery* > *View folders* > *Images*, *Graphics*, *Clip-arts*, *Tones* or *Recordings* > *Open*.
2. Scroll through the list of images, graphics, clip-arts, tones or recordings, select *Options* > *Open*, *Delete*, *Send*, *Edit image*, *Move*, *Rename*, *Set as wallpaper* or *Set as ring tone*, *Details*, *Sort*, or *Open in sequence*.

8. Media



■ Radio

Your phone has an FM radio that also functions as an alarm clock radio. To listen to the FM radio on your phone, connect a headset to the connector on the top of the phone. The FM radio uses the wire of the headset as an antenna. A compatible headset needs to be attached to the device for the FM radio to function properly. The quality of a radio broadcast depends on coverage of the radio station in that particular area.



Warning: Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing.

Turn the radio on and off

1. Connect the phone to a compatible headset or music stand.
2. From the start screen, select *Menu > Media > Radio*.
3. To turn off the radio, press and hold the end key.

Use the radio

With the radio on, select *Options* and one of the following options:

Turn off—Turn off the radio.

Save channel—Save the current station to one of 20 locations.

Automatic tuning—Use the scroll key up or down to start the channel search. Select *OK* when a channel is found.

Manual tuning—Press the scroll key up or down to search in increments of 0.1 MHz.

Set frequency—Manually enter the frequency of a known radio station.

Delete channel—Delete a saved channel.

Rename—Rename a saved channel, and select *OK*.

Loudspeaker or *Headset*—Listen to the radio through the speakerphone or through the headset.

To set the radio frequency, press * and use the keypad to enter the frequency of a known radio station. To tune the radio manually, press #; then press the scroll key up or down to search in increments of 0.1 MHz.

Media

To adjust the radio volume, press the upper volume key to increase or lower volume key to decrease the volume.

When an application that uses a browser connection sends or receives data, it may interfere with the radio. When you place or receive a call, the radio automatically mutes. Once the call is ended, the radio switches back on.

Save a radio channel

You can save a preset station to any one of 20 locations in memory, and then tune to that station with the 4-way scroll key.

1. With the radio on, press and hold the scroll key up or down to start the channel search. Searching stops when a channel is found.
2. To save the channel, select *Options > Save channel*.
3. Enter a name for the channel, and select *OK*.
4. Select an (empty) location to save the channel.

While the radio is playing, you can quickly save an FM station to 1–9 memory locations.

1. Press and hold the corresponding number key while the radio is playing.
2. Enter the name of the channel, and select *OK*.

■ Voice recorder

This feature allows you to record pieces of speech or sound with your device and listen to them later. The total available time is 3 minutes if no memos have been stored. The maximum length of a recording depends on how much memory is available.

From the start screen, select *Menu > Media > Voice recorder > Record* to start the recording. Select *Recordings list* to manage the folders you have defined for recording storage. You can save recordings to the *Recordings* folder or to another folder in the *Gallery* menu.

Record speech or sound

1. In the standby mode, select *Menu > Media > Voice recorder > Record*.
2. After the recorder start tone is heard, begin recording speech or sound.
3. When you are finished recording, select *Stop* and your recording is saved to the *Recordings* folder in the *Gallery* menu.

4. Select *Recordings list*, open the *Recordings* folder in the *Gallery* and scroll to the recording you created.

Options

After you have saved the recording to the *Recordings* folder, select *Recordings list*, open the *Recordings* folder in the *Gallery*, and scroll to the recording you created. Select using the earpiece or *Options* and the following options:

Open or *Play*—Listen to the recording.

Delete—Erase the recording.

Rename—Change the name of the recording.

Details—Show the name, size, date of creation, length, format, and copyright of the selected recording.

Sort—Sort the contents of the selected folder by name, date, format, or size.

9. Settings



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

■ Profiles

Profiles define how your phone reacts when you receive a call or message, how your keypad sounds when you press a key, and more. You can choose from one of the prenamed profiles, or customize profiles of your own. The following profiles are available: *Normal*, *Silent*, *Meeting*, *Outdoor*, *My profile 1*, and *My profile 2*.

Ringtone options, keypad tones, and other settings for each of the available profiles can be left at their default setting, or customized to suit your needs.

Profiles are also available for enhancements such as a headset and car kit. See "Enhancement settings," p. 65 for more information about enhancement profiles.

Activate a profile

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

Customize a profile

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

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



Note: You cannot rename the *Normal* profile.

Set a timed profile

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



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

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

■ Personal shortcuts

The personal shortcuts menu allows you to change the function of the right selection key on your phone so that your most frequently used functions can be quickly accessed from the *Go to* menu while in standby mode.

Choose 'Go to' functions

1. In the standby mode, select *Menu* > *Settings* > *Personal shortcuts* > *Select 'Go to' options*.
2. Scroll up and down to highlight the desired functions from the list of available functions.
3. Select *Mark* to add a function. Use *Unmark* to remove a function.
4. Select *Done* when you have added all desired functions.
5. Select *Yes* to save the changes.
6. In the standby mode, select *Go to* to display a list of the functions that you selected in step 3.

Organize functions

1. In the standby mode, select *Menu* > *Settings* > *Personal shortcuts* > *Organize 'Go to' options*.

Settings

2. Scroll up and down to highlight the function you wish to rearrange, and select *Move*.
3. Select *Move up*, *Move down*, *Move to top*, or *Move to bottom*.
4. Select *Done* > *Yes* to save the changes.

■ Call settings

Anykey answer

Anykey answer allows you to answer an incoming call by briefly pressing any key except the right selection, or end key.

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

Preferred carrier

Preferred carrier chooses a preferred long distance carrier. In the standby mode, select *Menu* > *Settings* > *Call* > *Preferred carrier* > *On* or *Off*.

With this feature enabled, you must enter the 2-digit carrier code.

Automatic redial

Occasionally, your network may experience heavy traffic, resulting in a fast busy signal when you dial. With automatic redial activated, your phone redials the number (number of redials depends on your wireless service provider), and notifies you once the network is available.

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

1-touch dialing

You can activate or deactivate 1-touch dialing. For more information, see "Set up 1-touch dialing," p. 45.

Calling card

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

Save information

1. In the standby mode, select *Menu > Settings > Call settings > Calling card*.
2. Enter your security code, and select *OK*. (See "Security settings," p. 65 for more information.)
3. Scroll to one of the four memory locations, and select *Options > Edit > OK > Dialing sequence*.
4. Select one of the following sequence types:
 - Access no.+ phone no.+ card no.*—Dial 1-800 access number, phone number, then card number (+ PIN if required)
 - Access no.+ card no.+ phone no.*—Dial 1-800 access number, card number (+ PIN if required), then phone number
 - Prefix+ phone no.+ card no.*—Dial the prefix (numbers that must precede the phone number) and phone number you want to dial, then card number (+ PIN if required)
5. Enter the required information (access number or prefix and card number), and select *OK* to confirm your entries.
6. Select *Card name*.
7. Enter the card name, and select *OK*.



Note: Contact your calling card company for more information.

Make calls

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

1. In the standby mode, select *Menu > Settings > Call settings > Calling card*.
2. Enter your security code, and select *OK*. (See "Security settings," p. 65 for more information.)
3. Scroll to the calling card of your choice, select *Options > Select > OK*.
4. Press the end key to return to standby mode; then enter the phone number, including any prefix (such as 0 or 1) that your calling card may require when you make a calling card call.
See your calling card for instructions.

Settings

5. Press and hold the call key for a few seconds until *Card call* is displayed.
6. When you hear the tone or system message, select *OK*.

International prefix

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

Note: Entering the international dialing prefix with the "+" is a network service. Check with your service provider for availability.

1. In the standby mode, select *Menu > Settings > Call settings > International prefix*.
2. Enter the international dialing prefix (for example, 0011) and select *OK*.
3. In the standby mode, press the */+ key twice to use "+" to enter the phone number you wish to call. (For example, +3546789.)

The phone dials the international dialing prefix you have stored in your phone and the phone number you have entered. (For example, the phone dials 0011354789.)

Call summary

You can view the time spent on a call when you hang up.

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

■ Phone settings

Language settings

1. In the standby mode, select *Menu > Settings > Phone settings > Language settings > Phone language* or *Writing language*.
Phone language—Changes the display language on your phone.
Writing language—Changes the language of the text editor.
2. Select the language of your choice.

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

Automatic keyguard

You can set the keypad of your phone to lock automatically after a preset time delay (from 10 seconds to 60 minutes).

1. In the standby mode, select *Menu > Settings > Phone settings > Automatic keyguard > On* or *Off*.
2. If you selected *On*, *Set delay:* appears in the display.
3. Enter the delay (in mm:ss format), and select *OK*.



Important: When keyguard is on, it may be possible to dial the emergency number programmed into your phone. Key in the emergency number and press the call key. The number is displayed only after you have keyed in its last digit.

Touch tones

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

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

Set type

In the standby mode, select *Menu > Settings > Phone settings > Touch tones > Manual touch tones* and one of the following options:

Continuous—Used to set the tone sound for as long as you press and hold a key.

Fixed—Used to send tones of the duration you specify in the *Touch tone length* option.

Off—Used to turn off tones. No tones are sent when you press a key.

Set length

You can specify touch-tone length for the *Fixed* option. In the standby mode, select *Menu > Settings > Phone settings > Touch tones > Touch tone length > Short* (95 ms) or *Long* (350 ms).

Settings

Start-up tone

You can set your phone to play (or not to play) a start-up tone when the phone is powered on.

In the standby mode, select *Menu* > *Settings* > *Phone settings* > *Start-up tone* > *On* or *Off*.

Welcome note

You can write a welcome note which briefly appears on the display screen whenever you switch your phone on.



Note: Dictionary mode is not available for entering welcome note text.

1. In the standby mode, select *Menu* > *Settings* > *Phone settings* > *Welcome note*.
2. Enter a note (up to 44 characters).
Press * to display and select from available special characters.
3. When you are finished, select *Options* > *Save*. Select *Options* > *Delete* to delete the previous text and begin creating another welcome note.

Choose a banner

Banner is a carrier-dependent feature. If your network operator supports this feature, you can choose whether the display shows the operator logo when the phone is in the idle state. In the standby mode, select *Menu* > *Settings* > *Phone settings* > *Banner* > *Default* or *Customize*.

Help text activation

Your phone displays brief descriptions for most menu items. When you arrive at a feature or menu, pause for about 15 seconds and wait for the help text to display. Use the scroll keys to page through the full help text, if necessary.

The default setting for Help text is on. However, you can turn help text on or off by doing the following.

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

■ Voice commands

You can set as many as 10 voice commands, which allow hands-free operation of certain phone features.


Add a voice command

Before using voice commands, you must first add a voice tag to the phone function.

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



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

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

Activate a voice command

After you have associated a voice tag with a phone function, you can issue a command by speaking the voice tag.

1. Select and hold *ContactsGo to*.
2. When *Speak now* appears, pronounce the voice tag clearly into the microphone.

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

Options

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

- Select *Playback* to listen to the voice command.
- Select *Change* to change the voice command.

Settings

- Select *Delete* to erase the voice command.

■ Time and date settings

Time

Show/hide the clock

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

Set the time

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

Change the format

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

Date

Show/hide the date

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

Set the date

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

Change the date format

1. In the standby mode, select *Menu* > *Settings* > *Time and date settings* > *Date*.
2. Select *Date separator*.
3. Select a separator of your choice.
4. Select *Date format*.
5. Select the format of your choice.

Set the auto-update of date & time

Auto-update is a network service. See "Network Services," p. 5 for more information.

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

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

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

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

■ Display settings

Wallpaper

You can set your phone to display a background picture (wallpaper) while in standby mode.

1. In the standby mode, select *Menu > Settings > Display settings > Wallpaper > Select wallpaper.*
2. Browse the folders in the gallery, highlight a folder, and select *Open.*
3. Highlight the image of your choice, select *Options > Set as wallpaper.*

To activate or deactivate wallpaper, in the standby mode, select *Menu > Settings > Display settings > Wallpaper > On or Off.*

Color schemes

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

In the standby mode, select *Menu > Settings > Display settings > Color schemes* and color scheme of your choice.

Settings

Screen saver

If you have turned the screen saver on, then the screen saver is activated when no function of the phone is used after a preset period of time. Press any key to deactivate the screen saver.

In the standby mode, select *Menu* > *Settings* > *Display settings* > *Screen saver*. and one of the following options:

On—Activate the screen saver.

Off—Deactivate the screen saver.

Select s. saver—Choose a screen saver from the *Graphics* folder in the *Gallery* menu.

Time-out—Set your phone to display a screen saver after a preset time or after a custom time (up to 60 minutes) of your choosing.

Menu view

You can choose whether the menu items in your phone appear as a list or as a 3x3 grid. (*Grid* is the default selection in your phone.) For more information, see "User interface features," p. 11.

In the standby mode, select *Menu* > *Settings* > *Display settings* > *Menu view* > *List* or *Grid*.

Display brightness

You can change the brightness of your phone display.

1. In the standby mode, select *Menu* > *Settings* > *Display settings* > *Display brightness*.
2. Scroll left and right to adjust the contrast level to your preference, and select *OK* to accept your settings.

Backlight time-out

The light on the screen (backlight) times out after 15 seconds of no activity. However, you can personalize the backlight to time out for up to 5 minutes.

In the standby mode, select *Menu* > *Settings* > *Display settings* > *Backlight time-out* > *Always off*, *7 seconds*, *15 seconds*, or *30 seconds*.

■ Tone settings

From this menu, you can adjust the ringing volume, keypad tones, and other tone settings for the currently active profile. See "Customize a profile," p. 54 for more information on profile settings.

■ Enhancement settings

The *Enhancement settings* menu is shown only if the phone is or has been connected to a compatible enhancement.

In the standby mode, select *Menu > Settings > Enhancement settings > Headset* or *Charger*.

Note: This phone does not support *Text phone*.

Headset

Select an option to enter the submenu and modify its settings.

Default profile—Choose the profile you wish to be automatically activated when a headset is connected

Automatic answer—Calls are answered automatically after one ring when a headset is connected. Select *On* or *Off*.

Charger

Select an option to enter the submenu and modify its settings.

Default profile—Choose the profile you wish to be automatically activated when a charger is connected

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

■ Security settings

Security settings

When first accessing the security settings, enter the preset lock code, by default, the last four digits of your phone number. Depending on your wireless service provider, the preset lock code can be a four digit number such as 1234 or 0000. If none of these work, contact your wireless service provider for help.

Settings

Phone lock

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

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

1. In the standby mode, select *Menu > Settings > Security*.
2. Enter the lock code, and select *OK*. See ""Change lock code," p. 66" 66.
3. Select *Phone lock* and one of the following options:
 - Off*—Immediately turns off the device lock feature.
 - Lock now*—Immediately turns on the device lock feature.
 - On power-up*—Turns on the device lock feature the next time you turn the device on.

With *Lock now* selected, you must enter your lock code before the device can function normally. With the lock code accepted, your device functions normally.

Call not allowed is displayed if you attempt to place a call with your device locked. To answer a call with phone lock on, select *Answer*, or press the call key.

Allow numbers

With phone lock on, the only outgoing calls you can make are to the emergency number programmed into your device (for example, 911) or the number stored in the *Allowed no. when phone locked* location:

1. In the standby mode, select *Menu > Settings > Security*.
2. Enter the lock code, and select *OK*. See ""Change lock code," p. 66" 66.
3. Select *Allowed no. when phone locked*. With an empty folder selected, select *Assign*, and enter the phone number; or select *Assign > Find* to recall the number from your contacts list. Select *OK*.

To call the allowed phone number, in the standby mode, scroll down to highlight the number you want to call, or enter it on the keypad; press the call key to place the call.

Change lock code

The preset lock code, by default, is the last four digits of your phone number. Depending on your wireless service provider, the preset lock code can be a four

digit number such as 1234 or 0000. If none of these work, contact your wireless service provider for help.

To ensure the security of your device, you may want to change the preset lock code to your own selected four digit number. Avoid using codes similar to emergency numbers such as 911 to prevent accidental dialing of the emergency number.

If you enter an incorrect lock code five times in a row, your device may ask you for the security code. By default, the security code is 12345, a five digit number.



Note: With the wrong lock code entered five times in succession, your phone will not accept your correct lock code for 5 minutes, even if you power off the device between incorrect entries.

1. In the standby mode, select *Menu* > *Settings* > *Security*.
2. Enter the lock code, and select *OK*.
3. Select *Change lock code*.
4. Enter the new lock code (must be 4 characters in length).
5. Reenter the new lock code for verification, and select *OK*.

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

Call restrictions

Select call restrictions to block or allow numbers for incoming and outgoing calls. With any numbers entered as allowed numbers, all those entered as blocked numbers are ignored. With a number blocked, the phone blocks any call from it, and send the caller to the voice mail.

1. In the standby mode, select *Menu* > *Settings* > *Security*.
2. Enter the lock code, and select *OK*. See ""Change lock code," p. 66" 66.
3. Select *Call restrictions*.
4. Select the types of calls you want to restrict:
 - Restrict outgoing calls*—Set restrictions on making calls.
 - Restrict incoming calls*—Set restrictions on receiving calls.
5. Select whether to block or allow numbers:
 - Blocked numbers*—Set the numbers the phone can only block, allowing all the rest.

Settings

Allowed numbers—Set the numbers the phone can only call or receive, blocking all the rest.

6. Select one of these options: *Select*, *Add restriction* (unavailable with memory full), *Edit* (unavailable with no number added), or *Delete* (unavailable with no number added).



Note: With restricted calls, you may still call the official emergency number programmed into your device.

■ Network

The following features are network services. See "Network Services," p. 5 for more information. The menu options you see in your phone are based on your service provider's network. The network determines which options actually appear in the phone menu. Check with your service provider for more information.

The *Network* menu allows you to customize the way your phone chooses a network in which to operate while you are within or outside of your primary or home system. Your phone is set to search for the most cost-effective network. If your phone cannot find a preferred network, it selects a network automatically based on the option you choose in the *Network* menu.

In the standby mode, select *Menu* > *Settings* > *Network* and one of the following options:

Home only—You can make and receive calls in your home area only. While roaming, *No network coverage* appears and you cannot make or receive calls.

Automatic—The phone automatically roams to another digital network. The roaming rate applies when not in the home service area.

■ Network services

The following features are network services. See ""Network Services," p. 5".

Store a feature code

1. In the standby mode, select *Menu* > *Settings* > *Network services* > *Network feature setting*.
2. Enter the feature code from your service provider (for example, *633), and select *OK*.

3. Select the type of service that matches the feature code you entered (for example, *Call forwarding*).

The activated feature code is now stored in your device, and you are returned to the *Feature code*: field. Continue entering other feature codes (for example, *633), or press the end key to return to the standby mode. When you enter a network feature code successfully, the feature becomes visible in the *Network services* menu.

Call forwarding

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

Activate

The following options may not all appear in the display. Contact your wireless service provider for more information.

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

Cancel

In the standby mode, select *Menu > Settings > Network services > Call forwarding > Cancel all diverts*. *Cancel all diverts* may affect your ability to receive voice mail messages. Contact your wireless service provider for specific details.

Settings

Call waiting

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

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

Send my caller ID

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

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

View your phone number

In the standby mode, select *Menu* > *Settings* > *Network services* > *Own number selection*.

■ Restore factory settings

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

1. In the standby mode, select *Menu* > *Settings* > *Restore factory settings*.
2. Enter the security code, and select *OK*. (See "Security settings," p. 65 for more information.)

10. Organizer




Your phone contains features to help organize your everyday life, including an alarm clock, calendar, to-do list, calculator, countdown timer, stopwatch, and calorie calculator.

■ Alarm clock

Set an alarm


The alarm clock is based on the phone clock. It sounds an alert any time you specify and even works if the phone is turned off. If you have not set the time on your phone clock, you will be prompted to do so before setting an alarm.

1. In the standby mode, select *Menu* > *Organizer* > *Alarm clock* > *Alarm time*.
2. Enter the time for the alarm in hh:mm format, and select *OK*.
3. Select *am* or *pm* (if using *12-hour* format).

Alarm on appears briefly in the display and  appears while in standby mode.

Change the time

1. In the standby mode, select *Menu* > *Organizer* > *Alarm clock* > *Alarm time* > *On*.
2. Enter the time for the alarm in hh:mm format, and select *OK*.
3. Select *am* or *pm* (if using *12-hour* format).

Alarm on appears briefly in the display and  appears while in standby mode.

Organizer

Set the alarm tone

You can set which tone is played when the alarm sounds.

1. In the standby mode, select *Menu > Organizer > Alarm clock > Alarm tone*.
2. Select *Standard*, *Radio*, *Ringing tone*, or *Open Gallery* to choose the tone of your choice.



Note: Connect a headset to the phone when using the radio for an alarm tone.

Repeat an alarm

You can set the alarm to repeat every day or only on certain days of the week.

1. In the standby mode, select *Menu > Organizer > Alarm clock > Repeat alarm > On*.
2. Highlight the day (or days) of the week you wish to repeat the alarm and select *Mark*. (Use *Unmark* to remove a day.)
3. Select *Done* when you have added all desired days.

Alarm conditions

When the alarm sounds, your phone beeps and the display lights up.

With the phone on, select *Stop* to shut the alarm off, or select *Snooze*. The alarm stops for 10 minutes and *Snooze on* appears in the display. Select *Stop* at any time to turn the snooze off.

The alarm sounds for one minute. If you do not press a key, the alarm stops (snoozes) for 10 minutes, then sounds again.

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

Turn an alarm off

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

■ Calendar

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

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

Open

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



Note: To open the calendar quickly, scroll right while in standby mode.

You can move the cursor in some calendar views by scrolling.

Go to date

1. In the standby mode, select *Menu > Organizer > Calendar > Options > Go to date*.
2. Enter the date (for example, 06/30/2005), and select *OK*.

Make a note

You can choose from five types of notes: *Meeting*, *Call*, *Birthday*, *Memo*, and *Reminder*. Your phone asks for further information depending on which note you choose. You also have the option to set an alarm for any note that you select.

1. Go to the date for which you want to set a reminder. (See "Go to date," p. 73 if you need more information.)
2. From the monthly view (with the date highlighted), select *Options > Make a note*.
3. Select one of the following note types, and select *Options > Save*:
 - Meeting*—Enter a subject, location, and a start and end time. Choose an alarm option.
 - Call*—Enter a phone number, a name, and the time. Choose an alarm option.
 - Birthday*—Enter the person's name, and year of birth. Choose an alarm option.

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Memo—Enter a subject, a start date, and an end date. Choose an alarm option.

Reminder—Enter the subject you wish to be reminded about. Choose an alarm option.

View notes (day view)

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

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

Options while viewing a list of notes

Select *Options* while viewing a day's notes to access the following options:

The options listed below are available either while viewing the body of a note or viewing the header of a note.

View—View the full details of the note.

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

Delete—Delete the note.

Edit—Edit the note.

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

Repeat—Enable the note to recur on a regular basis (daily, weekly, biweekly, monthly, or yearly).

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

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

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

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

Go to to-do list—Takes you to the to-do list for the selected date.

Send a calendar note

1. In the standby mode, select *Menu* > *Organizer* > *Calendar*.
2. Scroll to the date containing the note you wish to send. Any days containing notes will be in bold font.
3. Select *Options* > *Day notes*.
4. Scroll to the note you wish to send, and select *Options* > *Send note* > *Via calendar* or *Via text message*.
5. If you selected *Via calendar*, enter the recipient's phone number or e-mail address, and select *OK*; or select *Search* to retrieve a number from your contacts list, and select *Send*. The note is sent.
6. If you selected *Via text message*, the note appears in the display as a text message.

Select *Options* > *Send to* > *Send to number*, *Send to e-mail*, *Send to many*, or *Send to distrib. list*.

Send to distrib. list is available only if there are distribution lists programmed in the phone.

Enter the recipient's phone number or e-mail address, and select *OK*; or select *Search* to retrieve a number from your contacts list, and select *Send*. The note is sent.

Receive a calendar note

When you receive a calendar note, your phone displays *Calendar note received*. You can then save the note in your Calendar and set an alarm for a date and time.

View notes

1. When your phone displays *Calendar note received*, select *Show*.
2. Scroll to view the entire message, if necessary.

Save notes

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

Discard notes

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

Organizer

■ To-do list

You can keep track of your tasks with the *To-do list* feature. The number of notes you can save depends on their length and the unused memory of the phone. To-do notes are not related to specific dates.

Add a To-do note

1. In the standby mode, select *Menu* > *Organizer* > *To-do list* > *Options* > *Add*.
If this is your first time to use the to-do list, *Add* is highlighted.
2. Enter your to-do note, and select *Options* > *Save* > *High*, *Medium*, or *Low* priority.

Options while viewing To-do notes

Select *Options* while viewing the header or body of a note, and select an option to activate it or enter its submenu.

■ Calculator

Use calculator

The calculator in your phone adds, subtracts, multiplies, divides, calculates the square and the square root, and converts currency values.



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

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

Use currency converter

You can convert foreign currency to domestic or vice versa.

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

If you have not done so already, you are prompted to enter the exchange rate.
3. Enter the exchange rate (press # to insert a decimal), and select *OK*.

Change exchange rate

At any time, you can edit the exchange rate used by the currency converter.



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

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

■ Countdown timer

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




Note: The countdown timer only works when the phone is on. Once you turn off your phone, the timer is no longer active.

Set the countdown timer

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

Organizer

3. Enter a note for the timer, and select *OK*.

The  icon appears on the screen when the countdown timer is set.

When the time runs out, your phone sounds an alarm, displays the timer note, and flashes its lights.

- Press any key during the alarm to stop the alarm.
- After 30 seconds the timer alert expires automatically.

Change the time

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

1. In the standby mode, select *Menu > Organizer > Countdown timer > Change time*.
2. Enter the new time, and select *OK*.
3. Leave the note as it was, or enter a new note, and select *OK*.

Stop the timer before the alarm sounds

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

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

■ Stopwatch

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

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

Measure split or lap time

Use the split time or lap time functions for activities where you need to pace yourself.

1. In the standby mode, select *Menu > Organizer > Stopwatch > Split timing* or *Lap timing > Start*.
Split timing—Use the split time function for such activities as a long distance race when you need to pace yourself. Select *Split* to note the lapsed time. The timer continues to run and the split time appears below the running time.

Organizer

Each time you select *Split*, the new measured time appears at the beginning of the list.

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

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

Save the time

1. While the clock is running, select *Stop > Options > Save*.
2. Enter a name for the measurement, and select *OK*.

If you do not enter a name, the total time is used as the default title for the time.

Options

You can choose the following options when using the stopwatch for split timing or lap timing:

Continue—Shows up when the stopwatch is working in the background.

Show last—Allows you to view the last measured time.


Split timing—Track a long distance race when you need to pace yourself.

Lap timing—Track how long it takes to complete each cycle or lap.

View times—Allows you to browse the saved times.

Delete times—Allows you to delete any saved times. You can delete the saved times one by one or all at once.

Operation note

If you press the end key and return to standby mode while the stopwatch is still running, the stopwatch continues to run in the background and the  icon appears in the upper left corner of the screen.

To return to the stopwatch screen:

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

Organizer

■ Calorie calculator

The calorie calculator estimates the amount of energy used in various physical activities. The energy used depends on age, weight, and gender. You can save up to 10 activities in your phone.

The calorie calculator provides general measurements for personal use that may vary from scientific measurements.

Save personal data

1. In the standby mode, select *Menu* > *Organizer* > *Calorie counter* > *Settings*.
2. Enter *Weight*, *Age*, *Gender*, and if desired, change the *Weight format*, *Calorie format*, or *Velocity format*.
3. Select *OK*.

Select an activity

1. In the standby mode, select *Menu* > *Organizer* > *Calorie counter* > *Activities*, and select *Add new*; or select *Options* > *Add new*.
2. Select an activity.
3. If prompted, select an intensity level.
4. Enter the duration of the activity (in hh:mm format), and select *OK*.
5. Select *OK* to save the activity.

Edit and delete activities

1. To edit activities, select *Options* while in the *Activities* menu.
2. You can now add a new activity, edit an existing one, total the calorie amount of all selected activities, or delete an activity.
3. To delete all activities at once, select *Menu* > *Organizer* > *Calorie counter* > *Delete all* > *OK*.

11. Mobile web

Minibrowser is a network service. See "Network Services," p. 5.

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

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

The security icon does not indicate that the data transmission between the gateway and the content server (or place where the requested resource is stored) is secure. The network operator secures the data transmission between the gateway and the content server.

■ Mobile Internet access

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

It is likely that your network operator has created a home page and set up your browser to go to this page when you log on to the mobile Internet. At your service provider's home page, you may find links to a number of other sites.

It should not be necessary to manually configure the browser on your device. Normally this is done by your network operator after you subscribe to the feature. Contact your network operator if you have problems using the browser.

■ Sign on

In the standby mode, select *Menu > Mobile web > Minibrowser > Connect* or the operator provided menu item.

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

■ Navigate the mobile Internet

Since your device screen is much smaller than a computer screen, mobile Internet content is displayed differently than you may be accustomed to seeing. This section contains guidelines for using the keys to navigate a WAP site.

Phone keys

- Press the power key to display the minibrowser home screen.
- Scroll up or down to browse the WAP site.
- Select an item.
- To enter letters and numbers, press a key from 0–9.
- To enter special characters, press *.

Receive a call while online

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

- To answer the incoming call, press the call key.
- To reject the incoming call, press the end key (a carrier-dependent feature).

While in the voice call, you are not able to load new pages in the browser.



Note: If your data connection is active, the incoming calls are automatically forwarded to voice mail, depending on your carrier.

Make an emergency call while online

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

1. To close your mobile Internet connection, press the end key.
2. Press the end key as many times as needed to clear the display and ready the device for calls.
3. Enter the emergency number for your present location (for example, 911).
Emergency numbers vary by location.
4. Press the call key.

Clear the cache and disconnect

A cache is a memory location that is used to store data temporarily. If you have tried to access or have accessed confidential information requiring passwords, empty the cache after each use. The information or services you have accessed are stored in the cache. To empty the cache while in the browser menu, select **Navigate > Advanced > Clear > Cache** from the home page. To clear the cache and power off your device, press and hold the power key.

To close your mobile internet connection while browsing, press the end key.

12. Enhancements

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from ACP-12 or other compatible charger.



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

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

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.

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

Power

- Standard 970 mAh Li-Ion Battery (BL-5C)
- Standard Charger (ACP-7)
- Travel Charger (ACP-12)
- Compact Charger (AC-1)

Audio

- UHJ Headset (HS-9)

Car

- Universal Headrest Handsfree (BHF-4)
- Mobile Charger LCH-12

13. Reference information

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

■ Batteries and chargers

Your device is powered by a rechargeable battery. The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery. Use only Nokia approved batteries, and recharge your battery only with Nokia approved chargers designated for this device.

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 and then disconnect and reconnect it to start the charging.

Unplug the charger from the electrical plug and the device when not in use. Do not leave fully charged battery connected to a charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time.

If the battery is completely discharged, it may take a few minutes before the charging indicator appears on the display or before any calls can be made.

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

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

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

Reference information

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.

■ Nokia battery authentication guidelines

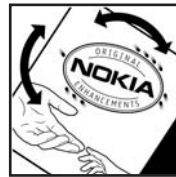
Always use original Nokia batteries for your safety. To check that you are getting an original Nokia battery, purchase it from an authorized Nokia dealer, look for the Nokia Original Enhancements logo on the packaging and inspect the hologram label using the following steps:

Successful completion of the three steps is not a total assurance of the authenticity of the battery. If you have any reason to believe that your battery is not an authentic original Nokia battery, you should refrain from using it and take it to the nearest authorized Nokia service point or dealer for assistance. Your authorized Nokia service point or dealer will inspect the battery for authenticity. If authenticity cannot be verified, return the battery to the place of purchase.

Authenticate hologram

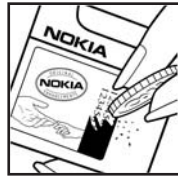


1. When looking at the hologram on the label, you should see the Nokia connecting hands symbol from one angle and the Nokia Original Enhancements logo when looking from another angle.



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

Reference information



3. Scratch the side of the label to reveal a 20-digit code, for example 12345678919876543210. Turn the battery so that the numbers are facing upwards. The 20-digit code reads starting from the number at the top row followed by the bottom row. Confirm that the 20-digit code is valid by following the instructions at www.nokia.com/batterycheck.

What if your battery is not authentic?

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

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

Care and maintenance

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

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

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

Additional safety information

■ Operating environment

This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 1.5 cm (5/8 inches) 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 device the above-stated distance from your body.

In order to transmit data files or messages, this device 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 device 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 phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should:

- always keep the device more than 15.3 centimeters (6 inches) from the pacemaker;
- not carry the device in a breast pocket; and
- hold the device to the ear opposite the pacemaker to minimize the potential for interference.

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

Additional safety information

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

Only qualified personnel should service the device, or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to the device. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or enhancements. For vehicles equipped with an air bag, remember that air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices 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 device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, chemical plants or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust, or metal powders.

■ Emergency calls



Important: Wireless phones, including this 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:

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

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

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 ten 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 0.80 W/kg.

Additional safety information

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 0.92 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-121.

■ Technical information

Dimensions: Width (43 mm), Length (81 mm), Depth (22 mm)

Weight: 78 g with BL-5C 970 mAh Li-Ion Battery

Volume: 66 cc

Wireless networks—CDMA 800

Frequency range (Tx)—Cellular: 824.70–848.37 MHz

Frequency range (Rx)—Cellular: 869.70–893.37 MHz

■ Battery information

This section provides information about battery charging times with the Travel Charger (ACP-12), the Standard Charger (ACP-7), 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.

Charger options with BL-5C 970 mAh Li-Ion Battery

ACP-12 (800mA) - 1.5 hours

ACP-7 (340mA) - 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.

Additional safety information

Talk time: up to 3.9 - 4.3 hours
Standby time: up to 5.3 - 8.8 days

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