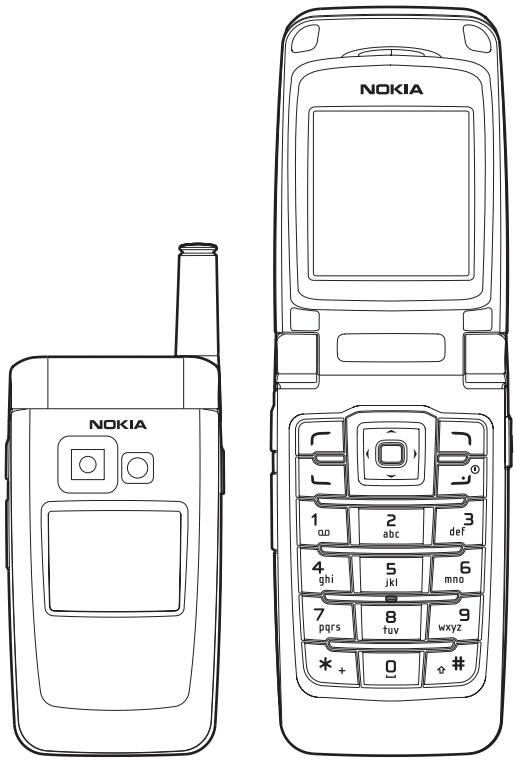
Nokia 6152 User Guide



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US Patent No. 5818437 and other pending patents. T9 text input software

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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

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

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

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

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

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

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

SWITCH OFF WHEN REFUELING
Do not use the device at a refueling point. Do not use near fuel or chemicals.

SWITCH OFF NEAR BLASTING
Follow any restrictions. Do not use the device 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.

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

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

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

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

EMERGENCY CALLS
Ensure the device is switched on and in service. Press the end key as many times as needed to clear the display and return to the main screen. Enter the emergency number, then press the 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 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.

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Shared memory

The following device features may share memory: contacts; text messages; photos, 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.

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Welcome

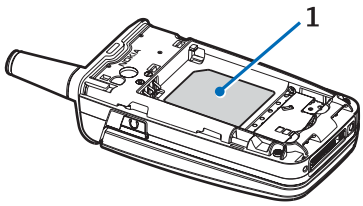
Congratulations on your purchase of the Nokia 6152 mobile phone. Your phone provides many functions practical for daily use, such as a hands-free loudspeaker, alarm clock, calculator, calendar, and more. Your phone can also connect to a PC, laptop, or other device using a data cable. To personalise your phone, you can set your favorite ring tones.

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 need to 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 Electronic serial number (ESN) and have it available.

The ESN is found on the type label, which is located beneath the battery on the back of the phone. See "Remove the back cover," p. 16 and "Remove the battery," p. 16.

Contact Nokia

Please have your product with you when contacting any of these numbers:

Nokia Customer Care Center, USA
Nokia Inc.
Tel: 1-888-NOKIA-2U (1-888-665-4228)
Fax: 1-813-249-9619
TTY/TDD users: 1-800-24-NOKIA (1-800-246-6542)

Customer Care Center, Canada
Nokia Products Ltd.

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601 Westney Road South
Ajax, Ontario L1S 4N7
Tel: 1-888-22-NOKIA (1-888-226-6542)
Fax: 1-905-619-4360

Updates

From time to time, Nokia updates this guide to reflect changes. The latest version may be available at **www.nokia.com**. An interactive tutorial for this product may be available at **www.nokiahowto.com**.

Accessibility solutions

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

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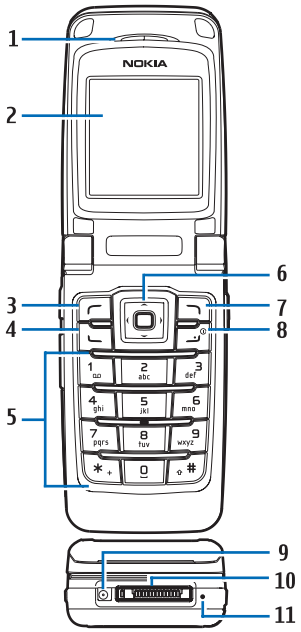
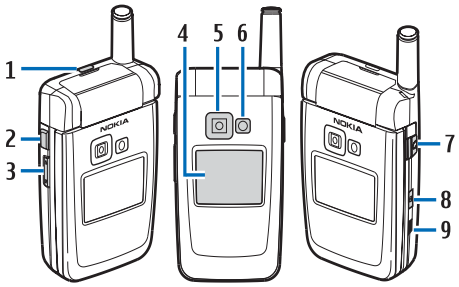
1. Phone at a glance

- Earpiece port (1)
- Display screen (2)
- Left selection key (3)
- Call key (4)
- Keypad (5)
- Four-way scroll and center selection key (6)
- Right selection key (7)
- Power key and end key (8)
- Charger port (9)
- Pop-Port™ connector (10)
- Microphone (11)



Keys and parts



- Loudspeaker (1)
- Voice command key (2)
- Volume key (3)
- Mini display (4)
- Camera lens (5)
- Camera flash (6)
- Headset connector (7)
- Camera and Video key (8)
- Infrared (9)

The voice key functions are as follows:

- Short press—Answer an incoming call.
- Long press—Answer or make a voice call.

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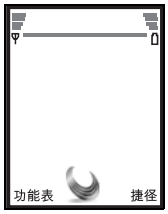
Standby mode

Depending on your wireless service provider and the model number of your phone, some or all of the following selection keys may appear in the standby mode.



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

Signal strength—A higher bar (at the upper left corner) indicates a stronger network signal.

Uni (ICON)—Press the center selection key to select this option.

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

Go to—Press the right selection key to select this option.

Battery level—A higher bar (at the upper right corner) indicates more power in the battery.

Quick keys

Note: Depending on your wireless service provider and the model number of your phone, some or all of the following Quick keys may appear in the standby mode.

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

Scroll up key—Go to *UniJa*.

Scroll right key—Go to *U-Mail*.

Scroll down key—Go to the contacts list.

Scroll left key—Quickly create a text message.

Center selection key—Go to *Uni*.

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Indicators and icons

Depending on your wireless service provider and the model number of your phone, some or all of the following indicators and icons may appear in the standby mode.

You have new text or picture messages. See "Text messages," p. 27.

You have missed a call. See "View missed calls," p. 37.

You have new voice messages. See "Voice messages," p. 34.

Your phone keypad is locked. See "Keyguard," p. 23.

Your phone is set to the silent profile. See ""Profiles," p. 59" p. 59.

The alarm clock is set to on. See ""Alarm clock," p. 78" p. 78.

The countdown timer is running.

The stopwatch timer is running in the background.

Integrated hands-free is active. See ""Loudspeaker," p. 22" p. 22.

The timed profile is selected. See ""Profiles," p. 59" p. 59.

or An enhancement is connected to the phone. See ""Enhancement settings," p. 71" p. 71.

Voice privacy encryption is active (or is not active) in the network.

You are in a digital network. See ""Network Services," p. 5" p. 5.

You are in an analog network. See ""Network Services," p. 5" p. 5.

You are in a 1XRTT network. See ""Network Services," p. 5" p. 5.

You are roaming outside your home network. See ""Network," p. 74" p. 74.

Infrared connectivity is activated. See""Infrared," p. 69" p. 69.

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 customise your phone features. To access these menus and submenus, use the scroll method or a shortcut.

You can change your menu view from list to grid. Select *Menu* > *Options* > *Main menu view* > *List* or *Grid*.

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

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Scroll method

You can use the four-way scroll key to scroll up, down, left, and right through the options.

1. In the standby mode, select *Menu*, to scroll through the main menus.

   As you scroll through the menus, the menu number appears in the upper right corner of the display. Below the battery level indicator is a scroll bar with a tab that moves up or down on the right side of the 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 center selection key to select 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.

In-phone help

Many features have brief descriptions (help text) you can view on the display. To view these descriptions, you must first activate help text as follows.

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

Scroll to a feature and wait about 14 seconds. Scroll down to view all of the description, or select *Back* to exit.

Security code settings

Your device has a security option allowing you to lock your phone with a PIN code. When the PIN code is set and turned on, no outgoing calls are allowed and the menu cannot be accessed without entering the correct code first. This prevents unauthorized outgoing calls or access to any information stored on your device.

The PIN code option is in the *Settings* menu. The first time you access the Security option, you must enter a PIN code. The default PIN code may vary depending on your wireless service provider who provided your UIM card.

The PIN code protects the UIM card from unauthorized access. The PIN code can be 4–8 digits in length. After three successive incorrect entries, the PIN code is

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blocked. You need to enter the personal unblocking key (PUK) code. See ""Personal unblocking key (PUK) code," p. 74" p. 74.

Go to functions

The *Go to* menu enables you to change the function of 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.

Choose Go to functions

1. In the standby mode, select *Go to* > *Options* > *Select options*.
2. Scroll up or down to highlight the desired function.
3. Select *Mark* to add a function or *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 you selected in step 2.

Organise functions

1. In the standby mode, select *Go to* > *Options* > *Organise*.
2. Scroll up or down to highlight the function you want to rearrange, and select *Move* > *Move up*, *Move down*, *Move to top*, or *Move to bottom*.
3. Select *Done* > *Yes* to save the changes.

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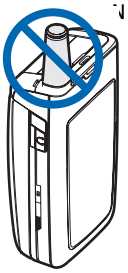
2. Set up your phone

Antenna

Your device has a fixed and extendable antenna located at the top of the phone with the fold closed. Hold the phone with the antenna area pointed up and over your shoulder.

Note: Do not touch the antenna unnecessarily with the device switched on. Contact with the antenna affects call quality and may cause the device to operate at a higher power level than otherwise needed. Not touching the antenna area during a phone call optimizes the antenna performance and battery life.



Battery

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

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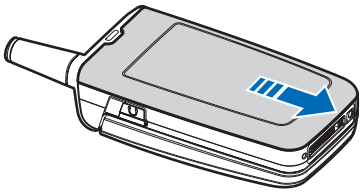
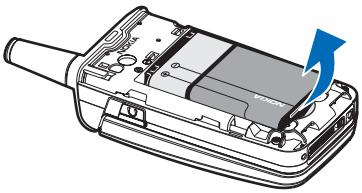
Remove the back cover



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

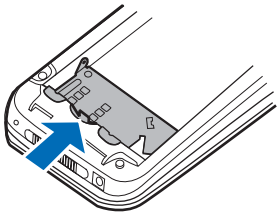
Remove the battery



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

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

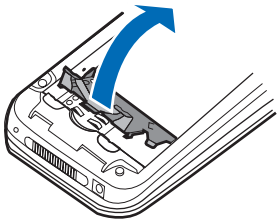
UIM (CDMA SIM) card installation



The User Identity Module (UIM), also called the CDMA Subscriber Identity Module (SIM), card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting, or removing the card. The UIM card slot is built into the mechanics, located under the battery.

Before installing the UIM card, always make sure that the phone is switched off and that you have removed the cover and battery.

Keep all UIM cards out of the reach of small children.



1. Open the UIM holder by pressing the release button.
2. Pivot the holder up.

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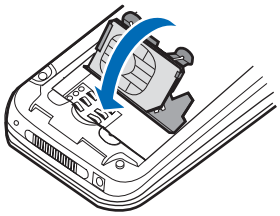
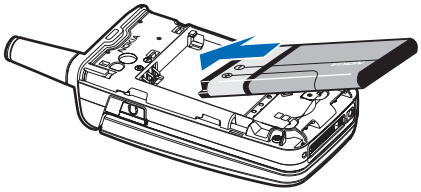
3. Insert the UIM card into the holder (beveled corner last) with the gold-coloured contacts facing down, matching up with the gold-coloured contacts on the phone.

4. Pivot the holder down and replace the battery.



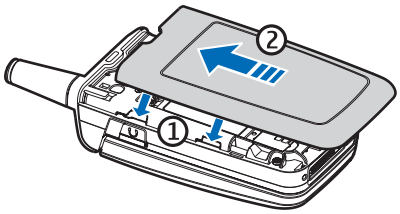
Replace the battery

1. Insert the battery, gold-coloured contact end first, into the battery slot.
2. Push down on the other end of the battery to snap the battery into place.



Replace the back cover

1. Set the back cover on the phone with the cover tabs aligned with the slots in the phone.
2. Slide the back cover toward the top of the phone until the back cover is securely in place.



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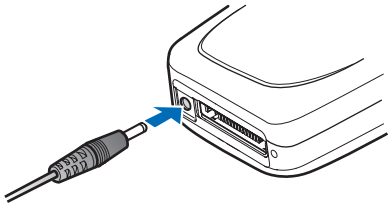
Charge the battery

Note: Before you use a charger with this device, check its model number. This device is intended for use when supplied with power from the AC-3 or AC-4 charger.

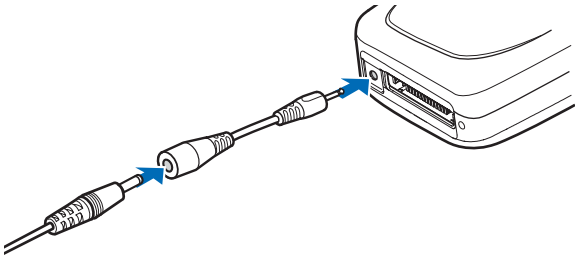
1. Plug the charger transformer into a standard ac outlet.
2. Insert the charger output plug into the round jack at the bottom end of the phone.

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



The ACP-12, 9, 8, 7, and the LCH-12 can also be used to charge the phone, but must be used with the CA-44 adaptor included in the box.

1. Plug the charger transformer into a standard ac outlet.
2. Insert the charger output plug into the CA-44 adapter jack. Insert the CA-44 plug into the jack on the bottom of the phone.



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.

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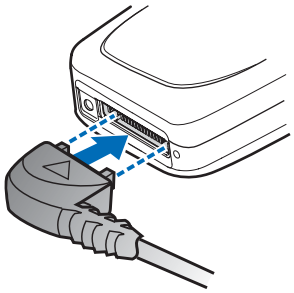
Turn your phone on or off

1. To turn your phone on or off, press and hold the end key on the keypad for at least 4 seconds.
2. Enter the security code, if necessary, and select *OK*. See ""Security settings," p. 71" p. 71.

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

Connect the headset

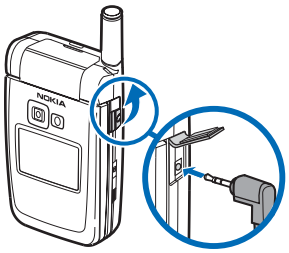


A compatible headset, such as HS-3, may be purchased with your phone or separately as an enhancement. See ""Enhancement settings," p. 71" p. 71.

1. Plug the headset connector into the Pop-Port connector at the bottom end of your phone. appears in the standby mode.
2. Position the headset on your ear.

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

- Use the keypad to enter numbers.
- Press the call key to place a call. See ""Phone at a glance," p. 9" p. 9.
- Press the end key to end a call.



You can also plug a compatible headset, such as a standard universal headset, into the 2.5-mm headset jack on the right side of your phone to allow hands-free operation. See ""Enhancement settings," p. 71" p. 71.

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Make a call

Note: Before making or receiving a call, fully extend the whip antenna.

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 select *End call* to cancel the call attempt.

Contacts list

1. In the standby mode, scroll down to display your contacts list and highlight your desired entry.
2. Select *Details* to highlight your desired number, and then select *Call*.

Last dialled number

1. In the standby mode, press the call key to display the last 30 numbers dialled.
2. Scroll to the number (or name) you want to redial, and press the call key.

Conference calling

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

1. Make a call to the first participant.
2. With the first participant on the line, select *Options* > *New call*.
3. Enter the phone number of the second participant, or select *Search* to retrieve a number from the contacts list. Select *Call*. The first participant is put on hold.
4. When the second participant picks up, press the call key to connect the calls.
5. To end the conference call, select *Options* > *End all calls*, or press the end key.

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Answer calls

An incoming call

1. With the fold open, press the call key, or select *Answer* to answer the call.
2. Press the end key to reject the call.

   Select *Silence* to mute the ringing tone, then *Dismiss*, or do nothing. The call is eventually diverted to voicemail.

   With your phone set to silent in the profiles menu, select *Dismiss* to reject the incoming call.
3. With the fold closed, press the volume key to mute the ringing tone.

   A short press of the voice key answers an incoming call with the loudspeaker.

By default, your phone answers an incoming call when you open the fold. You can change the setting to not answer the call when the fold opens.

In the standby mode, select *Menu* > *Settings* > *Call* > *Answer when fold is opened* > *On* or *Off*.

Adjust the earpiece volume

Whether in or out of a call, you can scroll the volume key located on the left side of your device up or down to adjust the volume of the earpiece. When you adjust the volume, a bar chart indicates the volume level.

Answer a call with the keypad locked

To answer a call with the keypad locked, press the call key with the fold open. To answer a call with the fold closed and the keypad locked, press and hold the voice key to answer with the loudspeaker. During the call, all features function as normal. When you end or reject the call, the keypad automatically relocks. See ""Keyguard," p. 23" p. 23.

When the keypad lock is on, calls still may be possible to the official emergency number programmed into your device. Enter the emergency number, and press the call key.

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Loudspeaker

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

You can use your phone as a loudspeaker during a call.

- To activate the loudspeaker while in a call with the fold open, select *Loudsp.*.
- To activate the loudspeaker when answering a call with the fold closed, press the voice key.
- To deactivate the loudspeaker during a call, with the fold open, select *Normal*.

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

Call options

Many of the options 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 the following options:

   Loudspeaker or *Handset*—Activate or deactivate the loudspeaker while in a call.

   New call—Initiate a conference call. See ""Conference calling," p. 20" p. 20.

   Save—Save a number while in a call to your contacts list. This option is available only when entering numbers during a call.

   Add to contact—Add a phone number to an existing contact in your contacts list while in a call. This option is available only when entering numbers during a call.

   End all calls—Disconnect from all active calls.

   Send DTMF—Enter the numbers, and select *DTMF* to send the numbers as tones.

   Contacts—View the contacts menu.

   Menu—View the phone menu.

2. Select an option to activate the option or enter its submenu.

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Keyguard

With keyguard, you can lock the keypad to prevent keys from being pressed accidentally. The locked keypad unlocks when you receive a call. After the call, the lock automatically reactivates.

With the keyguard on, calls still may be possible to the official emergency number programmed into your phone. Enter the emergency number, and press the call key.

Lock the keypad

Select *Menu* with the left selection key; then press * within 2 seconds.

Unlock the keypad

Select *Unlock* with the center selection key; then press * within 2 seconds.

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3. Text entry

You can use two methods for entering text and numbers: standard mode and predictive text mode. Select *Clear* to backspace the cursor and delete a character. Select and hold *Clear* to backspace continuously and delete characters.

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 device awaits the next entry.
- Press **0** to enter a space, thereby accepting a completed word.
- Press **1** to insert a period into your message.
- Press ***** to display a complete list of special characters.
- Press and hold **#** to bring up the *Editor settings* (*Number mode*, *Dictionary on* or *Dictionary off*, *Writing language*).

Numbers (123)

To switch to 123 mode from Abc mode, press and hold **#** at any message entry screen to bring up the *Editor settings*. Select *Number mode*, and the device returns to the message entry screen and switches the Abc icon in the upper left corner of the display to the 123 icon (or back).

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. With a character highlighted, select *Use* to insert the character into your message.

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Predictive text mode

Much faster than the standard mode method, predictive text input enables you to write messages quickly using your keypad and the built-in dictionary. In predictive text mode, your phone predicts the words as you enter them.

Activate or deactivate

1. At any text entry screen, select *Options* > *Dictionary on* to activate or *Dictionary off* to deactivate.
2. If you are turning predictive text on, select the language of your choice.

Text entry

The following illustration shows your text entry of the word *Nokia* in predictive text mode. With the English dictionary selected, press each of the following number keys once, and the screen will display *Nokia* by predicting the appropriate letter to use based on your keypad entry:

Enter: 6 6 5 4 2

- 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 *Prev.*
- If ? appears after a word, select *Spell* to add the word to the dictionary.
- Press **1** to insert a period into your message.
- Press and hold ***** to display special characters. Press ***** again to cycle through all available characters.

Change case and mode

Press **#** to switch between uppercase, lowercase, and sentence case text. As you press **#**, the following icons (not the descriptions) appear in the upper left of the display screen:.

ABC Uppercase text: standard mode is on.

abc Lowercase text: standard mode is on.

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Abc Sentence case text: standard mode is on. This option is available only at the beginning of a sentence.

Note: You can press **#** within 2 seconds to switch between standard mode and predictive text mode.

ABC Uppercase text: predictive text is on.

abc Lowercase text: predictive text is on.

Abc Sentence case text: predictive text is on. This option is available only at the beginning of a sentence.

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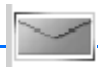
4. Messages



If you have subscribed to a message network service, you can send and receive messages to compatible phones also subscribed to a message service. You can send and receive multimedia and e-mail messages if supported by your service provider. Also, you can make distribution lists that contain phone numbers and names from your contacts list. See ""Text entry," p. 24" p. 24.

When composing text or picture messages, check the number of characters allowed in the top right corner of the message. Using Unicode characters takes up more space. With Unicode characters in your message, the indicator may not show the message length correctly. Before sending the message, the phone tells you if the message exceeds the maximum length allowed for one message.

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

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

Text messages

Compose and send

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

   To go quickly to *Create message*, scroll left in the standby mode.

2. Compose and send a message using the keypad.

   Depending on the messaging service enabled, some or all of the following options are available while composing your message:

   Preview—Preview the message when sending a picture message (only available with a picture inserted).

   Sending options—*Mark* or *Unmark* the sending options of a single message as *Urgent*, *Delivery reports*, or *Signature* (not available with a picture inserted). See ""Change sending options," p. 32" p. 32.

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Clear text—Erase all the text from the message editor.

Insert picture—Insert a picture from a templates folder into your message.

Change picture—Change the picture in a picture message (only available with a picture inserted).

Delete picture—Delete the picture in a picture message (only available with a picture inserted).

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.

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

Exit editor—Exits the message editor.

Use template—Insert a predefined template into your message.

Insert smiley—Insert a smiley into your message.

Insert word or *Edit word*—Enter or edit the text of a new word that might not appear in the predictive text dictionary (only available with predictive text on).

Insert symbol—Insert a special character into your message (only available with predictive text on).

Writing language—Choose the language you want to use.

Dictionary on or *Dictionary off*—Turn the predictive text on or off.

Matches—View matches in the dictionary for the word you want to use (only available with predictive text on and when the same set of key strokes can produce multiple words).

3. To send the message, select *Send to* > *Send to number*, *Send to e-mail*, *Send to distrib. list* (if a distribution list has been created), or *Send to many*. Enter the recipient's phone number or e-mail address; or select *Search* to retrieve a number or e-mail address from your contacts list, and select *OK*.

Read message

When you receive a message, a notification message and ✉ are displayed.

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1. Select *Show* to read the message or *Exit* to dismiss the notification and read the message later from your inbox. See ""View saved messages," p. 30" p. 30.
2. Scroll up or down to view the whole message, if necessary.

Options

When reading a text message, select *Options* to access some or all of the following options:

Delete—Select to discard the message.

Use detail—Access the following three options:

- *Number*—Uses or saves the number. Select *Options* > *Add to contact*, *Send message*, or *Call*.
- *E-mail address*—Lists the e-mail addresses included in the message (available only if the message contains an e-mail address). Select *Save* to save the e-mail address as a new phone book entry or *Options* > *Add to contact* or *Send message*.
- *Web address*—Displays if a URL is included in the message.

Move—Save the message to *Archive*, *Templates*, or a folder you have created.

Forward—Divert the message to another phone number or e-mail address.

Lock or *Unlock*—Lock or unlock the message.

Save picture—Save the picture to your *Templates* folder for later use. You can enter a title for the picture, and select *OK*.

Rename—Edit the title of the message.

Reply to message

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Inbox* and your desired message, or when you receive a message, select *Show*.
2. Select *Reply* > *Empty screen*, *Original text*, *Template*, or one of the predefined answers; then compose your reply using the keypad.
3. After creating the reply, select *Send*. The sender's phone number or e-mail is used as the default.

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Templates

Templates are short, prewritten messages you can recall and insert into new text messages when you are short on time.

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Create message* > *Options* > *Use template*.
2. Select your desired template.
3. Select *Send to* > *Send to number* , *Send to e-mail* , *Send to many*, or *Send to distrib. list* (with a distribution list created).
4. Enter the recipient's phone number or e-mail address, or select *Search* to retrieve a number or e-mail address from your contacts list; and select *Send*.

A distribution list only contains phone numbers of recipients and is selected from a list of predefined groups you create.

Text message folders

Save messages

You can save any message except for a template 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. To save a received message, select *Move* > *Archive*, *Templates*, or a folder you have created.
3. To save the draft of a message you have created, select *Move* > *Drafts* or *Templates*.

View saved messages

1. In the standby mode, select *Menu* > *Messages* > *Text messages*.
2. Select the folder containing the message you want to view:

   Inbox—Automatically stores any incoming messages.

   Outbox—Stores messages that have not been sent

   Sent items—Stores messages that have been sent.

   Drafts—Stores messages created as drafts.

   Archive—Stores messages that you choose to archive, including unread ones.

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Templates—Stores picture and prewritten templates. Preloaded templates can be edited and customised.

My folders—Allows you to organise your messages by creating custom folders and saving some of your messages here. Select *Options* > *Add folder*, *Rename folder*, or *Delete folder* to add a custom folder or rename or delete a folder you have created.

You can only delete folders created in my folders; the inbox, sent items, archive, and templates folders are protected. When deleting a folder, you are also deleting all messages in the folder.

3. When the folder opens, select the message you want to view.

Distribution list

The distribution list enables you to send messages to a group of contacts. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Distribution lists*.

To create a distribution list, select *New list* with no list created or *Options* > *Create new list* to create additional lists. To populate your list, select *Add new* and a contact from your contacts list.

To use, rename, or modify a distribution list, highlight the distribution list; and select *Options* > *Send message*, *Rename list*, *Clear list*, or *Delete list*.

Delete messages

If your message memory is full and you have more messages waiting at the network, *No space for new text messages* appears in the standby mode. You can do the following:

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

Delete a single message

1. In the standby mode, select *Menu* > *Messages* > *Text messages*.
2. Select the folder containing the message you want to delete.
3. Highlight the message you want to delete.
4. Select *Options* > *Delete*.
5. Select *Yes* to delete the message or *No* to exit.

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Delete all messages in a folder

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Delete messages*.
2. Select the messages you want to delete:

   All—Deletes all messages in all of the folders.

   All read—Deletes any messages that have been read in all of the folders.

   All unread—Deletes any messages that have not been read in all of the folders.
3. Select and *Mark* the folders that have messages you want to delete:

   Inbox—Deletes all messages from the inbox folder.

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

   Outbox—Deletes all messages from the outbox folder.

   Drafts—Deletes all messages from the drafts folder.

   Archive—Deletes all messages from the archive folder.

   User defined folders—Deletes all messages from the user defined folder.
4. Select *Done* > *Yes* to empty the marked folder.

Change sending options

To change sending options for all future text messages, in the standby mode, select *Menu* > *Messages* > *Text messages* > *Message settings* > *Sending options* and the setting you want to change:

Priority—Set the priority of the note as *Normal* or *Urgent*.

Delivery reports—Send a note to yourself confirming delivery of the message. Select *On* or *Off*.

Signature—Select *On* to create a signature to send with text messages or *Off* to turn this feature off.

To change sending options for one message, in the standby mode, select *Menu* > *Messages* > *Text messages* > *Create message* > *Options* > *Sending options*, and *Mark* or *Unmark* the setting you want to change:

Urgent—Set the priority of the note as urgent.

Delivery reports—Send a note to yourself confirming delivery of the message.

Signature—Create a signature to send with text messages.

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Change message settings

In the standby mode, select *Menu* > *Messages* > *Text messages* > *Message settings* > *Other settings* and the setting you want to change:

Save incoming text messages—Select *Save to UIM then phone if mem. full*, *Phone only*, or *UIM card only*.

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

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

Note: When the message memory is full, your phone cannot send or receive any new messages. To free up the memory, you can select *Message overwriting* to make your phone automatically replace old messages in the inbox and outbox folders when new ones arrive.

Save sent messages—Select *Always save*, *Always prompt*, or *Off*.

Queue msgs. when digital unavailable—Select *On*, *On prompt*, or *Off*. Messages are stored in the outbox until they can be sent with digital service.

Picture messages

Your phone comes with five preloaded pictures. If necessary, you can overwrite any of the preloaded pictures. You can send a text message with pictures attached to compatible phones. However, pictures take up more space than text.

To select your desired picture in the templates folder, in the standby mode, select *Menu* > *Messages* > *Text messages* > *Templates*.

You cannot send a picture message using an e-mail address.

Receive and save

Note: Only compatible devices that offer picture message features can receive and display picture messages.

When you receive a picture message or text message, your device beeps and displays a message notification with the messaging icon in the upper left corner in the standby mode as a reminder. When you have unopened messages in your inbox, is displayed.

Select *Show* to view the picture message or *Exit* to view the picture message in your inbox later. If you have more than one picture message, scroll to and select the message you want to view. Scroll to view the whole picture if necessary.

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To save a received picture in your templates folder, select *Options* > *Save picture*. Enter a title, and select *OK*. If your templates folder is full of pictures, scroll to and select a picture you want to replace.

Compose and send

When you insert a standard picture into a message, the number of characters you can add changes as shown in the upper right corner of the display screen.

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Create message*.
2. Write the message, and select *Options* > *Insert picture*.
3. Scroll to a picture, and select *Use* or *View* > *Insert*.

   To replace with another picture, select *Options* > *Change picture*, scroll to another picture, and select *Use* or *View* > *Insert*.
4. Select *Send to* > *Send to number*, *Send to many*, or *Send to distrib. list* if distribution list exists.
5. Enter the phone number of the recipient, or select *Search* to retrieve a number from contacts list.

To view, change, or delete the picture, select *Options* > *Preview*, *Change picture*, or *Delete picture*.

Voice messages

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

Save voice mailbox number

Your wireless service provider may have already saved your voice mailbox number to your device. Select *OK* to leave the number unchanged.

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

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Call and setup voice mail

1. After you save the voice mailbox number, in the standby mode, press and hold **1**.
2. When you connect to voice mail and the prerecorded greeting begins, follow the automated instructions to setup voice mail.

Listen to voice messages

After you set up voice mail, in the standby mode, press and hold **1**; or select *Menu* > *Messages* > *Voice messages* > *Listen to voice messages* to dial the voice mailbox number. When you connect and the prerecorded greeting begins, follow the automated instructions to listen to your voice messages.

Automate voice mail

You can insert special characters called dialling codes into phone numbers such as voice mail, and save the number to a speed dialling location. Dialling codes instruct the receiving system to pause, wait, bypass, or accept the numbers that follow them in the dialling string. See ""Phone numbers with dialling codes," p. 35" p. 35.

Voice mail services vary by wireless service provider. The following instructions are examples of common operations. Please check with your wireless service provider for specific instructions on 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 similar to the following:

   Dial 8585551212, pause 5 seconds, press **1**, pause 2 seconds, press **1234**, and press **#**.

Phone numbers with dialling codes

Dialling codes instruct the receiving system to pause, wait, bypass, or accept the numbers that follow them in the dialling string. To set up dialling codes, do the following:

1. In the standby mode, select *Menu* > *Contacts* > *Speed dials*.

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2. Scroll to an *(empty)* speed dialling slot, and select *Assign*.
3. Enter your mailbox phone number, including the area code.
4. Enter any dialling codes as necessary after the entered phone number.

   For example, if you pause for 5 seconds after connecting to voice mail, enter p twice (two times 2.5 seconds) after the voice mailbox number: 2145551212pp.
5. Enter any remaining pauses or other information that enables you to listen to your messages, and select *OK*.
6. Enter a name (such as voice mail), and select *OK*.

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

Insert dialling codes

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

The following dialling codes are available:

*—Bypasses a set of instructions.

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

+—Replaced by the international access code.

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

Clear voice mail icon

To clear the voice mail icon from the display, in the standby mode, select *Menu* > *Messages* > *Voice messages* > *Clear voice message icon*.

■ Web messaging

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

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

See ""Uni," p. 89" p. 89 for more information on using the minibrowser in your device to access web pages.

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5. Call register

Call register stores information about your last 30 missed, received, and dialled 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 dialled 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.

Use 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 register* > *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 register* > *Received calls*.
2. Scroll to a name or number, and select *Options* and an option to view or activate.

View dialled numbers

Dialled calls are previous numbers you have dialled from your device:

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1. In the standby mode, press the call key, or select *Menu* > *Call register* > *Dialled 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 register* > *Missed calls*, *Received calls*, or *Dialled 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 registers

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

1. In the standby mode, select *Menu* > *Call register* > *Delete recent call lists*.
2. Select the call type you want to clear: *All*, *Missed*, *Received*, or *Dialled*.

Call duration

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

You can view the duration of your last call, all your dialled calls, all your received calls, all your calls, and your life timer, as well as clear your timers. Select *Menu* > *Call register* > *Call duration* > *Last call duration*, *Dialled calls' duration*, *Received calls' duration*, *All calls' duration*, *Life timer*, or *Clear timers*. After you select *Clear timers*, enter your security code, and select *OK*. See ""Security settings," p. 71" p. 71.

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.

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To activate the call timer in the standby mode while in a call, select *Menu* > *Call register* > *Call duration* > *Last call duration* > *Show call time on display* > *On* or *Off*.

To view your last call duration, select *Menu* > *Call register* > *Call duration* > *Last call duration*.

Data and fax call duration

Data and fax calls are a network service. See ""Network Services," p. 5" p. 5. If your wireless service provider supports this feature, you can view the size or duration of sent or received data and fax calls.

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

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

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

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

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

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

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

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

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

Minibrowser duration

Minibrowser is a network service. See ""Network Services," p. 5" p. 5. If your wireless service provider 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 service provider may vary, depending on network features, rounding off for billing, taxes, and so forth.

In the standby mode, select *Menu* > *Call register* > *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.

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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 registers—Select *OK* > *Yes* to clear all browser logs.

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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 you can save may vary, depending on the length and total number of entries in the contacts list.

Add new contacts

To access the contacts list in the standby mode, select *Menu* > *Contacts* > *Names*.

Save contact name and number

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

Save contact number only

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

Save an entry

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

Save numbers and text items

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

1. In the standby mode, scroll down to display your contacts list and highlight the entry to which you want to add a phone number or text item.

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2. Select *Details* > *Options* > *Add detail* > *Number* (*General*, *Mobile*, *Home*, *Office*, or *Fax*), *E-mail address*, *Web address*, *Postal address*, *Note*, *Image*, or *Tone*.
3. Enter the number or text for the type you have selected, and select *OK*.
4. To change a number type (*General*, *Mobile*, *Home*, *Office*, or *Fax*), highlight the number, and select *Options* > *Change type*.

Change default number

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

1. In the standby mode, scroll down to select the contact entry you want to change, and select *Details*.
2. Scroll to the number you want to set as default, and select *Options* > *Set as default*.

Caller groups

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

1. To assign an entry in your contacts list to a caller group, scroll to your desired contact entry, and select *Details* > *Options* > *Caller groups* > *Family*, *VIP*, *Friends*, *Business*, *Other*, or *No group*.
2. To manage your caller groups, in the standby mode, select *Menu* > *Contacts* > *Caller groups* > *Family*, *VIP*, *Friends*, *Business*, or *Other* 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*, or *View* the graphic.

   Group members—Add or remove members from the caller group.

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Set up speed dialling

You can associate any entry in the contacts list with a key from 2-9. To dial those entries, press and hold the assigned key. See ""Speed dialling," p. 64" p. 64 to activate or deactivate speed dialling.

Assign a key to speed dialling

1. In the standby mode, select *Menu* > *Contacts* > *Speed dials*.
2. Scroll to an *(empty)* speed dialling slot, and select *Assign*.
3. Enter the number (including the area code) and a name for the number, and select *OK*; or select *Search* to retrieve a number from the contacts list.

   If speed dialling is off, the device displays a prompt and asks if you want to turn speed dialling on.
4. Select *Yes* to activate speed dialling.

Change speed dialling numbers

1. In the standby mode, select *Menu* > *Contacts* > *Speed dials*.
2. Scroll to the speed dialling entry you want to change, and select *Options* > *Change*.
3. Enter the new number and a name for the entry, and select *OK*; or select *Search* to retrieve a number from the contacts list.

Delete speed dialling numbers

1. In the standby mode, select *Menu* > *Contacts* > *Speed dials*.
2. Scroll to the speed dialling entry you want to delete, and select *Options* > *Delete* > *Yes*.

Voice tags

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

Before using voice tags, note the following:

- Voice tags are not language-dependent. They depend 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.

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- 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 on voice dialling in all circumstances.

Assign a voice tag to an entry

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

1. In the standby mode, scroll to the entry in your contacts list to which you want to assign a voice tag.
2. Select *Details* > *Options* > *Add voice tag* > *Start*.
3. Speak clearly into the microphone. Do not select *Quit* unless you want to cancel the recording. The device automatically stops recording, and saves and replays the voice tag.

appears next to commands that have voice tags assigned.

Dial a number

1. In the standby mode, press and hold the right selection key with the fold open, or press and hold the voice key regardless of the fold being open or closed.
2. When you hear several beeps and *Speak now* appears, release the key.
3. Pronounce the voice tag clearly into the microphone.

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

Voice tags

1. After you have associated a voice tag to a contact, select *Menu* > *Contacts* > *Voice tags* and your desired voice tag entry.
2. Select *Playback*, *Change*, or *Delete*.

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Edit contacts list entries

1. In the standby mode, scroll to the entry you want to edit in your contacts list.
2. Select *Details* > *Options*.
3. Select one of the following options, which may vary depending on whether you are editing a contact listed by phone number or contact name:

   View—View the phone number of the contact.

   Add detail—Add more details to the contact: *Name* (only available with no name added), *Number* (*General*, *Mobile*, *Home*, *Office*, or *Fax*), *E-mail address*, *Web address*, *Postal address*, *Note*, *Image* (only available with no image added), or *Tone*.

   Edit name, *Edit number*, *Edit detail*, or *Change image*—Edit an existing contact name, phone number, details, or image attached to the contact.

   Delete—Delete more details (*Delete number* or *Delete detail*) or the entire contact entry (*Delete contact*) of the contact.

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

   Use number—Use or save the number (available when you select a contact listed with a contact name). Select *Options* to use the number.

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

   Change type—Change the number type to *General*, *Mobile*, *Home*, *Office*, or *Fax*.

   Add voice tag or *Voice tag*—Add a voice tag to the contact with no voice tag assigned, or select *Playback*, *Change*, or *Delete* with a voice tag assigned.

   Copy number—Copy the number to the UIM (SIM card) from the phone memory or vice versa.

   Send bus. card—Send the contact as a business card to another device.

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

   Speed dial—Add the contact to your speed dialling list.
4. Edit the option to your preference, and select *OK*.

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Delete contacts entries

To delete all entries in your contacts list, in the standby mode, select *Menu* > *Contacts* > *Delete all contacts*.

Access the contacts menu

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

   Names—View the entries in your contacts list, and select *Details* or *Options* > *Search*, *Quick search*, *Add new*, *Delete contact*, or *Copy* for your selected entry.

   Settings—Change the memory in use, contacts list view or check the memory status of your device.

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

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

   Speed dials—View or modify the list of speed dialling numbers.

   Delete all contacts—Delete all entries in your contacts list.

2. Select an option to activate the feature or access its submenu.

Search for a name

1. In the standby mode, scroll down to display the contents of your contacts list.
2. Press the key corresponding to the first letter of the name for which you are searching.
3. Scroll to select a contact, and select *Details* to view the details.

Configure settings

You can select which memory to use, how the contacts appear in your contacts list and view the amount of memory used or available in your device.

In the standby mode, select *Menu* > *Contacts* > *Settings* > *Memory in use* to select the phone, UIM or both. select *Menu* > *Contacts* > *Settings* > *Scrolling*

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view to changethe view of name list or *Memory status* to view the device memory used and remaining.

Send and receive contacts

You can send and receive an entry in your contacts list using text messaging, if supported by your wireless service provider.

Send a business card

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

1. Highlight your desired entry from your contacts list, and select *Details* > *Options* > *Send bus. card* > *Via text message* or *Via infrared*. *Default number* and *All details* options appear only if you have more than one number or detail saved to the contact entry.
2. Enter the number for your recipient, or select *Search* to retrieve a number from your contacts list.
3. Select *OK* and the business card is sent.

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7. Camera

You can take photos and record video clips with the built-in 1.0 megapixel camera. The camera lens is on the front of the device. The camera produces photos in JPEG format and video clips in H.263 (SubQCIF) format.

When using the features in this device, please follow local laws and respect privacy rights and additional rights of other people.

After you take a picture or video, you can attach it to a multimedia message, send it with MMS, save it as a wallpaper, save it on a compatible PC using Nokia PC Suite software, and upload it to a Web address with the content image uploader. When you attach a picture to an entry in your list of contacts, the picture is displayed when the contact calls you.

The Nokia 6152 device supports an image capture resolution of 1.0 megapixal (1152 x 864 pixels). The image resolution in these materials may appear different.

If there is not enough memory to take a new photo, delete old photos or other files in the Gallery.

Take a photo

1. In the standby mode, press the camera key to activate the camera, or select *Menu* > *Camera*.
2. Select *Capture* to take the photo. When taking a photo, a shutter sound is heard, the photo displays on the screen, and either a blinking icon or scrolling indicator displays as the photo is saved to the Images folder of Gallery.

   To change the camera mode from still image to video, or video to still image, select *Options* and the mode you want.
3. Select *Back* to take another photo or *Options* and choose from one of the following:

   Video—Change from still image to video.

   Zoom—Zoom in closer before capturing a photo or get a closer look at the captured photo; use the scroll key to navigate around the photo.

   Night mode—Turn night mode on or off.

   New image—Select to capture a new photo.

   Flash on or *Flash off*—Turn the flash on or off.

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Self-timer on—Use the self-timer to delay capturing a photo for 10 seconds, or set to *Self-timer off*.

Img. sequence on—Take a series of six pictures in sequence, or set to *Img. sequence off*.

Open Gallery —Open gallery to view saved images, videos, and recordings.

Settings—Select options in *Image quality*, *Video clip quality*, *Video clip length* ,*Camera sounds*, *Self-timer lights*, *Default title*, *Image and video storage*, or *Default mode*.

View previous—View the previous photo.

Send—Send a photo *Via multimedia* or *Via infrared* to a compatible device or PC.

Attach to contact—Attach an image to a contact in Names.

Rename—Enter or edit the name of the captured photo, and select *OK*.

Set contrast—Scroll to adjust the contrast of the captured photo.

Set as wallpaper—Use a captured photo for wallpaper.

Set as s. saver—Use a captured photo as a screen saver.

Details—View the *Name*, *Size*, *Created*, *Format*, *Resolution*, or *Copyright* of a captured photo.

Record a video clip

1. In the standby mode, select *Menu* > *Camera* > *Options* > *Video* > *Record*. While you are recording, the recording indicator and the remaining recording time display.
2. Select *Pause* to pause the recording, *Continue* to resume the recording, or *Stop* to stop the recording. The device saves the recording in the video clip folder in gallery.
3. Select *Back* to record another video or select *Options* and one of the following:

   Still image—Go back to standard photo mode.

   Zoom—Zoom in closer before recording a video or get a closer look at the recorded video; Scroll to navigate around the photo.

   Mute or *Unmute*—Turn the sound on or off.

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Flash on or *Flash off*—Turn the flash on or off.

Open Gallery—Go to the video clip folder of the gallery menu.

Settings—Select options in *Image quality*, *Video clip quality*, *Video clip length* ,*Camera sounds*, *Self-timer lights*, *Default title*, *Image and video storage*, or *Default mode*.

Delete—Delete the video clip.

Send—Send the video clip to another device as a multimedia message or use IR connectivity.

Rename—Rename the video clip.

New video clip—Record another video clip.

Mute audio—Watch a video without sound.

Set as s. saver—Save a video as a screen saver.

Set contrast—Scroll to increase or decrease contrast of the selected video.

Details—View details of the selected video, such as name, size, time and date created, length, file format, and copyright information.

Self-timer

In the standby mode, select *Menu* > *Camera* >*Options* > *Self-timer* to set a timer and delay capturing a photo for 10 seconds. Select *Start* a beep sounds while the self-timer runs and beeps faster when the camera is about to capture the photo. After the timeout, the camera takes the photo and saves the photo in the images folder of the gallery menu.

Settings

In the standby mode, select *Menu* > *Camera* > *Options* >*Settings* to change the settings in the camera mode. Select one of the following options:

Image quality—Define file compression when saving the image. Select *High*, *Normal*, or *Basic*. High uses the least file compression and provides the best image quality but takes more memory.

Video clip quality—Define the quality of a video clip. Select *High*, *MediumLow*, or .

Video clip length—Select *Default* (15 seconds) or *Maximum* (2.5 minutes depending on conditions). Only video clips that are default length or shorter can be sent in a multimedia message.

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Camera sounds > *On* or *Off*—Set camera sounds.

Self-timer lights > *On* or *Off*—Set self-timer lights.

Default title—Select *Automatic* to use a predefined title or *My title* to key in or edit a new title.

Image and video storage—Select the folder for image storage.

Default mode—Select *Standard photo* or *Video* for the default camera mode.

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8. Gallery

You can save pictures, video clips, recordings, and ringing tones to folders in the *Gallery* and add new folders as well. You can download images and tones using MMS, SMS, mobile Internet sites, or Nokia PC Suite.

Your device supports a digital rights management system to protect content you have acquired. Content such as a ringing tone, can be protected and associated with certain usage rules, for example, the number of usage times or a certain usage period. Usage rules are defined in the content activation key that can be delivered with the content or delivered separately, depending on your wireless service provider. You may be able to update the activation key. Always check the delivery terms of any content and activation key before acquiring them, as they may be subject to a fee.

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

Your device has about 12 MB of memory for storing files in the *Gallery*. This memory is not shared with other functions, such as contacts. If the device displays a message that the memory is full, delete some existing files before proceeding.

Folders

1. In the standby mode, select *Menu* > *Gallery* > *Images*, *Video clips*, *Graphics*, *Tones*, *Recordings*, , or a user-created folder.
2. Select *Open* to view a list of the files in the folder or *Options* to access the following:

   Delete folder —Delete a folder you have created. You cannot delete a preset folder.

   Move—Move the selected folder into another folder. After selecting *Move*, scroll to another folder, and select *Move to*. You cannot move a preset folder.

   Rename folder—Rename a folder you have created. You cannot rename a preset folder.

   Details—Show the name, size, and date of creation of the selected folder.

   Type of view—Select *List with details*, *List*, or *Grid* to determine how to display the folders and files within them.

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

Add folder—Create a new folder.

Memory status—Check the available memory for the device handset.

Activation key list—View the list of available activation keys. You can delete activation keys if desired.

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9. Media

Media player

With the media player you can download, view, and play compatible images, audio and video files, and animated images from a variety of sources.

The media player enables you to play streaming videos and streaming audio from a network server. Streaming functionality is a network service and requires network support. Check the availability of these services, pricing, and tariffs with your network operator or the service provider whose service you want to use. Service providers will also give you instructions on how to use their services.

In the standby mode, select *Menu* > *Media* > *Media player* and one of the following:

Online media—Connect to the operator's network. This is a network service. Check with your service provider for pricing and information.

Open Gallery—Open the *Gallery*. From *Gallery*, you can play stored audio and video files. See ""Gallery," p. 52" p. 52.

FF/Rew interval—Set the timing interval for fast forward and rewind. Ind the standby mode, select *Menu* > *Media* > *Media player* > *FF/Rew interval* > *10 seconds* > *20 seconds* > *30 seconds* or *Other*.

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 compatible music stand or stereo headset to the connector on the bottom 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. Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.

Turn the radio on and off

1. Connect the phone to a compatible headset or music stand.

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2. In the standby mode, select *Menu* > *Media* > *Radio*. The channel location number, the name of the radio channel (if you have saved the channel), and the frequency of the radio channel are displayed.

   To use the graphical keys ▲, ▼, ◀◀, or ▶▶ on the display, scroll left or right to the desired key, and select it.

3. If you have already saved radio channels, select ▲ or ▼ to scroll to the channel you would like to listen to.

   To select a radio channel location, briefly press the corresponding number keys.

4. To turn off the radio, press the end key, or select *Options* > *Switch off*.

Options

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

Switch off—Turn off the radio.

Save channel—Save the current station to one of 20 locations (only available with a new station entered).

Channels—Scroll up or down to select a channel from 20 locations. WIth an existing channel highlighted, select *Options* > *Delete channel* or *Rename* to delete or rename the saved channel.

Mono output or *Stereo output*—Listen to the radio in monaural mode (default) or in stereo. Stereo output is available through a stereo enhancement.

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

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

To set the radio frequency, press * and use the keypad to enter the frequency of a known radio station.

To adjust the radio volume, press the volume up and down keys.

When an application using a browser connection is sending or receiving data, it may interfere with the radio.

When you place or receive a call, the radio automatically mutes. When the call ends, the radio switches back on.

Tune and save a radio channel

You can save a preset station to any one of 20 locations in memory.

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1. When the radio is on, select ◀◀ or ▶▶ to change the radio frequency in 0.1 MHz steps, or select and hold ◀◀ or ▶▶ to start the channel search. Searching stops when a channel is found.
2. To save the channel, select *Options* > *Save channel*.

   To save the channel to a memory location 1 to 9, press and hold the corresponding number key while the radio is playing. To save the channel in the memory location from 10 to 20, press briefly 1 or 2 and the desired number key 0 to 9.
3. Enter a name for the channel, and select *OK*.
4. Select an *(empty)* location to save the channel.

Voice recorder

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

In the standby mode, select *Menu* > *Media* > *Recorder* > *Record* to start the recording or *Recordings list* to manage the folder you have defined for recording storage.

Record speech or sound

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

Options

After you have saved the recording to the *Recordings* folder, highlight the recording, and select *Open* to listen to the recording using the earpiece; or select *Options* and one of the following.

Delete—Erase the recording.

Move—Move the recording to another folder.

Rename—Change the name of the recording.

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Set as ring tone—Use your recording as a ringtone (a network-dependent feature).

Details—Show the name, size, and date of creation of the recording.

Type of view—Select *List with details*, *List*, or *Grid* to determine how to display the recording

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

Delete all—Delete all items in a folder.

Open in sequence—Open items in a folder in sequence.

Add folder—Create a new folder.

Memory status—Check the available memory for the device handset.

Activation key list—View the list of available activation keys. You can delete activation keys if desired.

Media equaliser

The equaliser enhances the sound quality when using the music player by amplifying or attenuating frequency bands. You can access five preset equaliser settings (*Normal*, *Pop*, *Rock*, *Jazz*, and *Classical*) and two customizable settings.

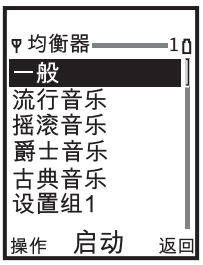
Activate an equaliser set

In the standby mode, select *Menu* > *Media* > *Equaliser*, scroll to the desired setting, and select *Activate*.

Create a custom equaliser set

1. In the standby mode, select *Menu* > *Media* > *Equaliser*.
2. Scroll to *Set 1* or *Set 2*, and select *Options* > *Edit*.

   The selected set appears in the display with the bar on the far left highlighted. The bars adjust frequencies, from the lowest (the leftmost bar) to the highest (the rightmost bar). The higher the indicator on a particular bar, the more that frequency is amplified.



3. To adjust the lowest frequency, scroll up and down on the bar.

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4. To adjust other frequencies, scroll left or right to the other bars.
5. Repeat steps 3 and 4 to adjust the setting for each frequency; then select *Save*.
6. To rename the setting, select *Options* > *Rename*, enter a new name, and select *OK*.
7. To activate the setting, select *Activate*.

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10. Settings

Use this menu to change profiles, themes, main display settings, mini display settings, tone settings, time and date settings, call settings, phone settings, voice commands, enhancement settings, security settings, application settings, network settings, network services, and restore factory settings.

Profiles

Profiles define how your device reacts when you receive a call or message and how your keypad sounds when you press a key. You can leave ringing options, keypad tones, and other settings for each of the available profiles at their default setting, or customise them to suit your needs.

Profiles are also available for enhancements such as the headset and car kit. See ""Enhancement settings," p. 71" p. 71.

To activate a profile, in the standby mode, select *Menu* > *Settings* > *Profiles* > *General*, *Silent*, *Meeting*, *Outdoor*, or *Pager* > *Activate*.

Personalise a profile

You can personalise any of the profiles in various ways.

1. In the standby mode, select *Menu* > *Settings* > *Profiles*.
2. Select the profile you want to personalise.
3. Select *Personalise* and the option you want to personalise.

Set a timed profile

You can use timed profiles to prevent missed calls. For example, suppose you attend an event requiring your device set to *Silent* before the event starts, but you forget to return it to *General* until long after the event. A timed profile can prevent missed calls by returning your device to the default profile at a time you specify. You can set timed profiles up to 24 hours in advance.

1. In the standby mode, select *Menu* > *Settings* > *Profiles*.
2. Select the profile you want to activate and *Timed* for timed expiration.
3. Enter the time in hh:mm format for the profile to expire, and select *OK*.

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Tone settings

You can adjust the ringing volume, keypad tones, and more for the active profile. See ""Personalise a profile," p. 59" p. 59 for more information on profile settings.

Select *Menu* > *Settings* > *Tones* and one of the following:

Incoming call alert—Select how the device notifies you of an incoming call.

Video ringing tone—Select *On* or *Off* to indicate whether to replace the default audio ringing tone with the selected video.

Ringing tone—Select the ringing tone for incoming calls.

Ringing volume—Set the volume of your ringing tone.

Light indicator > *On* or *Off*—Set the light indicator.

Vibrating alert—Turn the vibrating alert *On* or *Off*.

Message alert tone—Select the tone for received messages.

Keypad tones—Set the volume of your keypad tones (or turn them off).

Warning tones—Turn warning and confirmation tones *On* or *Off*.

Alert for—Define which caller groups the selected profile will accept or decline. See ""Caller groups," p. 42" p. 42.

Themes

A theme contains many elements for personalizing your phone, such as wallpaper, screen saver, colour scheme, and a ringing tone.

Themes automatically loads wallpapers, screen savers, ringing tones and background colours. Selecting a theme changes your previous settings. Individual settings for a theme can be changed in the settings menu. For example, the colour scheme can be modified in the main display menu in settings, without changing the wallpaper, screen saver or ringing tone loaded by a theme.

To choose a theme for your display, in the standby mode, select *Menu* > *Settings* > *Themes* > *Select theme* > *Themes*. Scroll to the theme you want and select *Options* > *Apply theme*.

Main display settings

Wallpaper

You can set your device to display a background picture (wallpaper).

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1. In the standby mode, select *Menu* > *Settings* > *Main display* > *Wallpaper* > *Select wallpaper* > *Images*, *Video clips*, *Graphics*, *Tones*, *Recordings*, *Themes*, or a user-created folder > *Open*.

   You can also select *Menu* > *Settings* > *Main display* > *Wallpaper* > *Select slide set*.
2. Browse your selected folder containing the graphics or image of your desired wallpaper.
3. When you arrive at the image of your choice, select *Options* > *Set as wallpaper*.
4. To activate or deactivate wallpaper, in the standby mode, select *Menu* > *Settings* > *Main display* > *Wallpaper* > *On* or *Off*.

Screen saver

In the standby mode, select *Menu* > *Settings* > *Main display* > *Screen saver* > *On*, *Off*, *Screen savers* (*Image*, *Slide set*, or *Video clip*), or *Time-out*.

Power saver

You can turn the power saver on and off. In the standby mode, select *Menu* > *Settings* > *Main display* > *Power saver* > *On* or *Off*.

Color schemes

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

In the standby mode, select *Menu* > *Settings* > *Main display* > *Colour schemes* and the colour scheme of your choice.

Backlight time-out

You can choose how long to set the backlights on. In the standby mode, select *Menu* > *Settings* > *Main display* >*Backlight time-out* > *15 seconds* or *Customise*.

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Mini display settings

Wallpaper

You can set your device to display a background picture (wallpaper).

1. In the standby mode, select *Menu* > *Settings* > *Mini display* > *Wallpaper* > *Select wallpaper* > *Images*, *Video clips*, *Graphics*, *Tones*, *Recordings*, *Themes*, or a user-created folder > *Open*.

   You can also select *Menu* > *Settings* > *Mini display* > *Wallpaper* > *Select slide set*.

2. Browse your selected folder containing the graphics or image of your desired wallpaper.
3. When you arrive at the image of your choice, select *Options* > *Set as wallpaper*.
4. To activate or deactivate wallpaper, in the standby mode, select *Menu* > *Settings* > *Mini display* > *Wallpaper* > *On* or *Off*.

Screen saver

In the standby mode, select *Menu* > *Settings* > *Mini display* > *Screen saver* > *On*, *Off*, *Screen savers* (*Image*, *Slide set*, or *Video clip*), or *Time-out*.

Power saver

You can turn the power saver on and off. In the standby mode, select *Menu* > *Settings* > *Mini display* > *Power saver* > *On* or *Off*.

Color schemes

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

In the standby mode, select *Menu* > *Settings* > *Mini display* > *Colour schemes* and the colour scheme of your choice.

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Time and date settings

Clock

In the standby mode, select *Menu* > *Settings* > *Time and date* > *Clock* > *Show clock* or *Hide clock*, *Set the time*, *Time zone* or *Time format*.

Date

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

Date and time auto-update

Auto-update is a network service. See ""Network Services," p. 5" p. 5. 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* > *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 reenter your digital network.

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

Call settings

Anykey answer

Anykey answer enables you to answer an incoming call. Briefly press any key except the right selection key or end key.

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

Automatic redial

Occasionally, your network may experience heavy traffic, resulting in a fast busy signal when you dial. With automatic redial activated, your device redials the

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number (number of times is specified by the network), and notifies you when the network is available.

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

Speed dialling

You can activate or deactivate speed dialling. In the standby mode, select *Menu* > *Settings* > *Call* > *Speed dialling* > *On* or *Off*. See ""Set up speed dialling," p. 43" p. 43.

Open fold to answer

By default, your phone answers an incoming call when you open the fold. You can change the default setting to have your phone not answer calls with the fold open.

In the standby mode, select *Menu* > *Settings* > *Call* > *Answer when fold is opened* > *On* or *Off*.

Calling card

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

Save information

1. In the standby mode, select *Menu* > *Settings* > *Call* > *Calling card*.
2. Enter your security code, and select *OK*. See ""Security settings," p. 71" p. 71.
3. Scroll to one of the four card memory locations, and select *Options* > *Edit* > *Dialling sequence* and one of the following sequence types:

   Access no.+ phone no.+ card no.—Dial the access number, the phone number, then the card number (and the PIN, if required).

   Access no.+ card no.+ phone no.—Dial the access number, the card number (and the PIN, if required), then the 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 the card number (and the PIN, if required).

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4. Enter the required information (access number or prefix and card number), and select *OK* to confirm your entries.
5. Select *Card name*, enter the card name, and select *OK*.

Make calls

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

1. In the standby mode, select *Menu* > *Settings* > *Call* > *Calling card*.
2. Enter your security code, and select *OK*. See ""Security settings," p. 71" p. 71.
3. Select your desired calling card.
4. Press the end key to return to the standby mode; then enter the phone number, including any prefix (such as 0 or 1) that your calling card may require when you make a calling card call. See your calling card for instructions
5. Press and hold the call key for a few seconds until *Card call* is displayed.
6. When you hear the tone or system message, select *OK*.

International prefix

You can store an international dialling prefix into your device. In the standby mode, select *Menu* > *Settings* > *Call* > *International prefix*.

In the standby mode, when you enter + (press * twice) at the beginning of a phone number, your device automatically inserts the international dialling prefix that you have stored after you press the call key. See ""Insert dialling codes," p. 36" p. 36.

Data or fax calls

Data and fax calling is a network service. See ""Network Services," p. 5" p. 5. If your wireless service provider supports this feature, you can set up the device to send or receive data and fax calls with a terminal, such as a PDA or PC, connected.

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

For more information on connectivity, refer to the PC/PDA Connectivity Guide which can be downloaded from the Nokia website at **http://www.nokia.com/us**.

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

   Normal—The device receives incoming calls as usual.

   Data calls only—The device receives only data calls.

   Fax calls only—The device receives only fax calls.

2. When finished with receiving the fax or data call, repeat steps 1 and 2, and select *Normal*.

Data transfer

You can view the transmission speed when sending or receiving data and fax calls.

In the standby mode, select *Menu* > *Settings* > *Call* > *Data/fax calls* > *Data rate display* > *Graphic* or *Off*.

Call summary

Your device can display the time spent on a call when you hang up. In the standby mode, select *Menu* > *Settings* > *Call* > *Call summary* > *On* or *Off*.

Ringing tone for no caller ID

You can select a different ringing tone for calls received with no caller ID.

In the standby mode, select *Menu* > *Settings* > *Call* > *Ringing tone for no caller ID* > *On* or *Off*.

Phone settings

Phone language

The phone language affects the time and date formats of the clock, alarm clock, and calendar. In the standby mode, select *Menu* > *Settings* > *Phone* > *Phone language* and the language of your choice.

Memory status

You can view the size of memory available on your device. In the standby mode, select *Menu* > *Settings* > *Phone* > *Memory status*.

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Automatic keyguard

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

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

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

DTMF tones

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

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

Set type

In the standby mode, select *Menu* > *Settings* > *Phone* > *DTMF tones* > *Manual DTMF 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 *DTMF 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* > *DTMF tones* > *DTMF tone length* > *Short* (95 ms) or *Long* (350 ms).

Start-up tone

You can select to have a start-up tone when you first turn on your device. In the standby mode, select *Menu* > *Settings* > *Phone* > *Start-up tone* > *On* or *Off*.

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Help text activation

Your device displays brief descriptions for most menu items. When you arrive at a feature or menu, pause for about 14 seconds and wait for the help text to display. If necessary, scroll through the full help text.

The default setting for help text is *On*. However, you can turn help text on or off. In the standby mode, select *Menu* > *Settings* > *Phone* > *Help text activation* > *On* or *Off*.

Confirm UIM service actions

This option enables you to request notification when your service provider makes changes to UIM-related services.

For availability, rates, and information on using UIM services, contact your UIM card vendor, for example, your network operator.

Select *Menu* > *Settings* > *Phone* > *Confirm UIM service actions* > *Yes* or *No*.

Browser access points

Browser access points are groups of settings that control various aspects of the browser. You can select the access point you want to use, you can view the settings of the default access point, or you can view or edit settings or an additional access point.

To access the browser menu, in the standby mode, select *Menu* > *Settings* > *Phone* > *Browser access point settings* and one of the following options:

- *Active access point*—To select an access point for use with the browser.
- *View Unicom default settings*—To view the default Unicom browser settings.
- *Edit customised settings*—To edit the browser menu for the customisable access point.

If you have already launched the browser, select **Menu** > **Navigate** > **Advanced** > **Settings** > **Access point** and select from the following options:

- To select the default access point, select **Unicom default**.
- To view the settings for the default access point, select **Customised**.
- To view the settings for the default access point, select **Unicom default** > **View/Edit**.
- To view or edit the settings for the customised access point, select **Customised** > **View/Edit**.

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Connectivity

Infrared

You can set up the phone to receive data through its IR port. To use an IR connection, transmission and reception must be to or from an IR compatible phone or device. You can send or receive data such as business cards, graphics, images, sound clips, music files, videos, and calendar notes to or from a compatible phone or data device (such as a computer) using the IR port of your phone.

Do not point the IR (infrared) beam at anyone's eye or allow it to interfere with other IR devices. This device is a Class 1 laser product.

Send and receive data

1. Ensure that the IR ports of the sending and receiving devices are pointing at each other and that there are no obstructions between the devices.

   The preferable distance between the two devices in an IR connection is from 3 inches to 3 feet.

2. To activate IR in your phone, select *Menu* > *Settings* > *Connectivity* > *Infrared*.

3. The user of the other device must activate IR as well.

If data transfer is not started within 2 minutes after the activation of the IR port, the connection is cancelled and must be restarted.

Connection indicator

- When is shown continuously, the IR connection is activated and your phone is ready to send or receive data using its IR port.
- When blinks, your phone is trying to connect to the other device or a connection has been lost.

Voice commands and voice tags

Before using voice tags, note the following:

- Voice tags are not language-dependent, but depend 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.

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- 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 on voice dialling in all circumstances.

Hands-free operation

You can set as many as 16 voice commands to enable hands-free operation of certain features in your device.

Assign a voice tag to a command

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

1. In the standby mode, select *Menu* > *Settings* > *Voice commands*.
2. Select the device function you want to tag: *Profiles*, *Voice mailbox*, *Radio*, *Voice recorder* or *Call register*.
3. If necessary, select an option associated with that function.
4. Select *Start*, and speak the voice tag clearly into the microphone. Do not select *Quit* unless you want to cancel the recording.

The device replays and saves the recorded tag. appears next to commands with voice tags assigned.

Activate a voice command

After you have associated a voice tag with a function in your device, to issue a command, speak the voice tag.

1. In the standby mode, press and hold the right selection key or voice key.
2. With *Speak now* displayed, pronounce the voice tag clearly into the microphone.

With the voice tag found, the device displays *Found:*, and 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 select one of the following options:

Playback—Listen to the voice command tag.

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Change—Change the voice command.

Delete—Erase the voice command tag.

Enhancement settings

The enhancement settings menu is shown only if the device has been connected to a compatible enhancement. In the standby mode, select *Menu* > *Settings* > *Enhance-ments* > *Headset* or *Charger*.

Headset

Important: The headset may affect your ability to hear sounds around you. Do not use the headset in situations that may endanger your safety.

Select the option of your choice to enter the submenu and modify its settings.

Default profile—Choose the profile you want automatically activated with a headset connected.

Automatic answer—Answer calls automatically after one ring with a headset connected. Select *On* or *Off*.

Charger

Select the option of your choice to enter the submenu and modify its settings.

Default profile—Choose the profile you want automatically activated with your device connected to the charger.

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

Security settings

PIN code

The PIN code protects the UIM card from unauthorized access. The PIN code can be 4–8 digits in length. After three successive incorrect entries, the PIN code is blocked. You need to enter the personal unblocking key (PUK) code. See ""Personal unblocking key (PUK) code," p. 74" p. 74.

Note: The PIN code must be obtained form your wireless service provider. The PIN code is typically provided with your UIM card.

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PIN code request

To provide extra security in case your phone is lost or stolen, enable your phone to request the PIN code when powered on.

1. In the standby mode, select *Menu* > *Settings* > *Security* > *PIN code request*.
2. Enter the PIN code, and select *OK*.
3. Select *On*.

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* > *Call restrictions*.
2. Enter the security code, and select *OK*. See ""Security settings," p. 71" p. 71.
3. 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.
4. Select whether to block or allow numbers:

   Blocked numbers—Set the numbers the phone can only block, allowing all the rest.

   Allowed numbers—Set the numbers the phone can only call or receive, blocking all the rest.
5. 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.

Security level

Your device can be set to different security levels to control device use and memory settings. In the standby mode, select *Menu* > *Settings* > *Security* > *Security level*. Enter your security code, and select *OK* and one of the following options:

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None—Disable security level protection.

Memory—Enable or disable memory protection.

Phone—Enable or disable phone protection.

Access codes

You can change your security code and PIN code. Avoid using codes similar to emergency numbers such as 911 to prevent accidental dialling of the emergency number.

Change security code

The security code controls access to features such as the security level and is supplied with the phone. The preset code is 12345. When you change the security code, keep the new code secret and in a safe place, separate from your phone

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

1. In the standby mode, select *Menu* > *Settings* > *Security* > *Access codes* > *Change security code*.
2. Enter the current security code (default is 12345), and select *OK*.
3. Enter the new security code (up to 10 characters), and select *OK*.
4. Enter the new security code again, and select *OK*.

Change PIN code

Before you can change your PIN code, you must enable PIN code request. See ""PIN code request," p. 72" p. 72.

1. In the standby mode, select *Menu* > *Settings* > *Security* > *Access codes* > *Change PIN code*.
2. Enter the current PIN code, and select *OK*.
3. Enter the new PIN code, and select *OK*.
4. Enter the new PIN code again, and select *OK*.

Voice privacy

Voice privacy is a network service. See ""Network Services," p. 5" p. 5. If your wireless service provider supports this feature, the voice privacy feature protects the privacy of your current phone conversation from other callers placing phone

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calls on your same network. In the standby mode, select *Menu* > *Settings* > *Security* > *Voice privacy* > *On* or *Off*.

Personal unblocking key (PUK) code

The PUK code is used to restore a blocked PIN code. The PUK code is 8 characters in length and cannot be changed. The PUK code must be obtained from your wireless service provider.

Important: If you enter an incorrect PUK code 10 times in succession, the UIM card is rejected and can no longer be used. You must contact your wireless service provider for a new UIM card.

Application settings

1. In the standby mode, select *Menu* > *Settings* > *Application settings*.
2. Scroll to one of the following submenus to activate options for preset or downloaded games or applications.

   Application sounds—Select *On* or *Off*.

   Application lights—Select *App. defined* or *Default*.

   Application vibration—Select *On* or *Off*.

Network

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

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

You can set your device to roam or search for another network when you are not in your home area.

1. 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.

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Automatic A—The phone automatically searches for service in another digital network. The roaming rate applies when not in the home service area.

Automatic B—The phone automatically searches for service in another digital network. With no service found, the device uses analog service. The roaming rate applies when not in the home service area.

2. Select an option to confirm the activation.

Network services

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

   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 diverting

Call diverting tells your network to redirect incoming calls to another number. Call diverting 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 divert* and one of the following options:

   Divert all calls—Divert all calls to the number you specify.

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Divert if busy—Divert incoming calls when you are in a call.

Divert if not answered—Divert incoming calls to another number if you are unable to answer. You can set a delay before diverting takes place.

Divert if out of reach—Divert incoming calls when your device is off.

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 divert* > *Cancel all diverts*. *Cancel all diverts* may affect your ability to receive voice mail messages. Contact your wireless service provider for specific details.

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 own phone number

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

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Restore 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 settings*..
2. Enter the security code, and select *OK*. See ""Security settings," p. 71" p. 71.

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11. Organiser

Your device contains features to help organise your everyday life, including an alarm clock, calendar, notes, to-do list, calculator, countdown timer, and stopwatch.

Alarm clock

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

Set or change alarm setting

The alarm clock depends on the device clock, which sounds an alert anytime you specify and even works with the device turned off.

1. In the standby mode, select *Menu* > *Organiser* > *Alarm clock* > *Alarm time* > *On*.
2. Enter the time for the alarm in hh:mm format.
3. Select *am* or *pm* (with *12-hour* format selected), and select *OK*. *Alarm on* appears briefly in the display, and appears in the standby mode.

Repeat alarm

You can set the alarm to repeat. In the standby mode, select *Menu* > *Organiser* > *Alarm clock* > *Repeat alarm*.

Set the alarm tone

You can set which tone to play when the alarm sounds. In the standby mode, select *Menu* > *Organiser* > *Alarm clock* > *Alarm tone* > *Standard*, *Radio*, or *Open Gallery* to choose the tone you want to use.

If you set your alarm to *Radio*, use an accessory that supports FM stereo.

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Snooze time-out

To set the alarm snooze time, select *Menu* > *Organiser* > *Alarm clock* > *Snooze time-out* > *5 minutes*, *10 minutes*, *15 minutes*, *30 minutes*, *60 minutes*, or *Other* (to enter up to 60 minutes snooze time).

Alarm conditions

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

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

If you do not press a key, the alarms stops (snoozes) for 10 minutes, then sounds again. You can also select *Menu* > *Organiser* > *Alarm clock* > *Snooze time-out* to reset the snooze time.

Turn an alarm off

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

Calendar

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

Monthly view provides an overview of the selected month and weeks, enabling 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* > *Organiser* > *Calendar*. Scroll to move the cursor in some calendar views.

Go to a date

1. In the standby mode, select *Menu* > *Organiser* > *Calendar* > *Options* > *Go to date*.
2. Enter the date (mm/dd/yyyy), and select *OK*.

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Note a specific date

You can apply five types of notes to your calendar. Your device asks for further information depending on which note you choose. You also have the option to set an alarm for any note you select.

1. Go to the date for which you want to set a reminder. See ""Go to a date," p. 79" p. 79.
2. From the monthly view (with the go-to date highlighted), select *Options* > *Make a note* and one of the following note types:

   Meeting—Enter a subject, location, and a start/end date and time.

   Call—Enter a phone number, a name, and the date and time.

   Birthday—Enter the person's name, date and year of birth.

   Memo—Enter a subject and a start/end date.

   Reminder—Enter the subject and date of your reminder.

   You are given the option to set an alarm.
3. Enter your note, and select *Save*.

View notes (day view)

After you have created calendar notes, you can view them.

1. In the standby mode, select *Menu* > *Organiser* > *Calendar*.
2. Scroll to the date containing the note that appears in bold type, and select *View*.

Options while viewing a list of notes

1. Select *Options* while viewing a day's note to display the following:

   The options listed below are available while viewing the header of a 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—Set the note (except for birthday note) to recur on a regular basis (daily, weekly, biweekly, monthly, and yearly).

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

Go to today—Jump to the current date on your calendar.

Send note—Send the note to another device as a text message or in calendar-to-calendar format by way of SMS.

Copy—Copy the note for you to paste to another date.

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

Go to to-do list—Jump to the to-do list on your calendar.

2. Select an option to activate it or enter its submenu.

Send a note

1. In the standby mode, select *Menu* > *Organiser* > *Calendar*.
2. Scroll to the date that appears in bold type, containing the note you want to send, and select *View*.
3. Scroll to the note you want to send, and select *Options* > *Send note* > *Send as message* (*Text message*), *Via calendar* or *Via infrared*.
4. If you selected *Via calendar*, enter the number for the recipient, or select *Search* to retrieve a number from the contacts list, and select *OK*.
5. If you selected *Send as message* (*Text message*), the note appears as a text message in the display.
   - Select *Send to* > *Send to number*, *Send to e-mail*, *Send to many*, or *Send to distrib. list*.
   - Enter the number for the recipient, or select *Search* to retrieve a number from the contacts list, and select *Send*.

Receive notes

When you receive a calendar note in calendar-to-calendar format, your device displays *Calendar note received*.

- To view calendar notes, select *Show*, and if necessary, scroll to view the entire message.
- To save calendar notes after viewing, select *Options* > *Save*.
- To discard calendar notes after viewing, select *Exit* or *Options* > *Discard*.

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When you receive a calendar note or text message, a message notification appears in the standby mode. You can save the note in your calendar and set an alarm for any date and time.

Notes

You can write and save information in *Notes* and send notes using text message. In the standby mode, select *Menu* > *Organiser* > *Notes*. With no notes created, select *Add note*, create your note, and select *Save* when done. With notes already created, highlight the note you want to use, and select *View* to read or *Options* > *Make a note*, *Delete*, *Edit*, *Send note* (as a text message, via calendar, or via infrared), or *Delete all notes*.

To-do list

Use the to-do list feature to keep track of your tasks. You can save a note for a task, select a priority level for the note and mark it as done when you have completed it. You can sort the notes by priority or by date.

Add a to-do note

1. In the standby mode, select *Menu* > *Organiser* > *To-do list*.
2. If there are no notes, select *Add note*.
3. Enter the subject of the to-do note, and select *Save*.
4. Select *High*, *Medium*, or *Low* priority.
5. Enter the due date and time to set the alarm.

View a to-do note

1. In the standby mode, select *Menu* > *Organiser* > *To-do list*.
2. Highlight a to-do note, and select *Options* and one of the following:

   Add—Add another note.

   Delete—Delete the note.

   Mark note as done or *Mark as not done*—Mark a note or task as completed or not; if completed, no more reminders will follow.

   Sort by deadline—Sort the notes according to their deadline.

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Send—Send the note to another device, as a text message, or as a calendar note to another compatible device.

Go to calendar—Leave the to-do list, and go to the calendar.

Save to calendar—Save the to-do note to a date on your calendar.

Delete done notes—Delete all the completed to-do notes.

Delete all notes—Delete all the to-do notes in the list.

3. *View* the to-do note, and select *Edit* to edit the note or *Options* to select from the following:

   Deadline—Set a deadline for the note, listing any uncompleted notes if existing.

   Mark note as done or *Mark as not done*—Mark a note or task as completed or not; if completed, no more reminders will follow.

   Delete—Delete the note.

   Edit priority—Change the priority to high, medium, or low.

   Send—Send the note to another device, as a text message, or as a calendar note, or via infrared to another compatible device.

   Go to calendar—Leave the to-do list, and go to the calendar.

   Save to calendar—Save the to-do note to a date on your calendar.

Calculator

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

Note: This calculator, designed for simple calculations, has limited accuracy.

1. In the standby mode, select *Menu* > *Organiser* > *Calculator*.
2. Enter the first number in the calculation. Press **#** for a decimal point if necessary.

   To change the sign, select *Options* > *Change sign*, or scroll up or down.

   To perform a square or square root calculation, select *Options* > *Square* or *Square root*.

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To cycle through the add (+), subtract (-), multiply (*), and divide (/) characters, press *.

3. Enter the second number in your calculation.
4. Select *Equals* to complete calculation or *Options* if more functions are required.

Currency converter

You can convert foreign currency to domestic, or vice versa, directly in the standby mode or from the *Calculator* menu.

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

1. In the standby mode, select *Menu* > *Organiser* > *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 cost to make one unit of foreign currency.

   Domestic unit in foreign units—The number of foreign units cost to make one unit of your home currency.
2. Enter the exchange rate (press # to insert a decimal), and select *OK*.
3. In the standby mode, enter the currency amount to be converted.
4. Select *Options* > *In domestic* or *In foreign*.

   In domestic—Converts foreign currency to domestic currency.

   In foreign—Converts domestic currency to foreign currency.
5. If you do not enter an exchange rate, the device will prompt you to do so. Select *OK*. You can edit the exchange rate at anytime.

Countdown timer

The countdown timer in your device enables you to enter a specific time (up to 99 hours and 59 minutes). When the time runs out, your device sounds an alarm.

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

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Set the timer

1. In the standby mode, select *Menu* > *Organiser* > *Timer* > *Normal timer*, *Interval timer*, or *Settings*.

   Use *Normal timer* to measure the countdown time for tasks that have one period (timer name). Select *Interval timer* to save sets of countdown times with more than one period.

2. Enter the time (in *hh:mm:ss* format), and select *OK*.
3. Enter a note for the timer, and select *Start*.

appears in the standby mode with the countdown timer set. When the time runs out, your device sounds an alarm, displays the timer note, vibrates (if set), and flashes its lights.

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

Change the time

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

1. In the standby mode, select *Menu* > *Organiser* > *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 *Start*.

Interrupt the timer

After you have set the timer, you can stop the timer. In the standby mode, select *Menu* > *Organiser* > *Timer* > *Stop timer*.

Stopwatch

You can use the stopwatch in your device 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 time

1. In the standby mode, select *Menu* > *Organiser* > *Stopwatch* > *Split timing* or *Lap timing* > *Start*. The running time is displayed.

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Split timing—You can use the split time function for such things 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. Each time you select *Split*, the new measured time appears at the beginning of the list.

Lap timing—You can use the lap time function when you want to track how long it takes to complete each cycle or lap. Select *Lap* to note the lap time. The clock stops, then starts immediately 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 the timing and display the total time or *Stop* > *Options* > *Start* or *Reset* to continue or reset timing.

Lap and split times

To save a time while the clock is running, select *Stop* > *Save*, enter a name for the measurement, and select *OK*. If you do not enter a name, the total time is used as the default title for the lap or split time.

To view a saved time, in the standby mode, select *Menu* > *Organiser* > *Stopwatch* > *Show last* or *View times*.

To delete a saved time from *Stopwatch*, select *View times* and the time to delete, and select *Delete* > *Yes*; or select *Delete times* > *One by one* or *Delete all*.

Operation note

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

To return to the stopwatch screens, in the standby mode, select *Menu* > *Organiser* > *Stopwatch* > *Continue*. To stop the clock, select *Stop*.

Options

You can choose the following options when you use the stopwatch:

Continue—Appears when the stopwatch is working in the background.

Show last— Appears when you have saved a split or lap time and displays the last time saved.

Split timing—Asks if you want to discontinue previous timing.

Lap timing—Asks if you want to discontinue previous timing.

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View times—Enables you to browse the saved times.

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

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12. Extras

Challenge yourself or a friend to one of the fun games in your device. Some menus listed are network services. Contact your wireless service provider for more information. To download games or applications, select either the *Games* or *Collection* menu.

Games

In the standby mode, select *Menu* > *Extras* > *Games* to display the games on your device: Galaxy Balls and Beach Race.

Collection

Collections is a network service. See ""Network Services," p. 5" p. 5. If your wireless service provider supports this feature, you will find useful applications pre-installed on your device. Also, you can manage and download new Java applications that may be offered by your wireless service provider.

An application may require a few seconds to load. When you open an application, wait for the launch screen to disappear. At that point, the application is ready.

In the standby mode, select *Menu* > *Extras* > *Collection* and an application.

Note: Only install applications from sources that offer adequate protection against harmful software.

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13. Uni

All features and options under the *Uni* menu are network services. Their availability and operation depend entirely on your service provider. Always check with your service provider for detailed information about availability, subscription, and charging rates of the services. See ""Network Services," p. 5" p. 5.

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.

U-Info access

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

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

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

Sign on to the mobile Internet

1. In the standby mode, select *Uni* > *U-Info*.
2. Enter the number of the site and page number, and press the center selection key.

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

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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 to use phone keys to navigate a WAP site.

Phone keys

- To browse the WAP site, scroll up or down.
- To select a highlighted item, press *Select*.
- To enter letters and numbers, press a key from 0–9.
- To enter special characters, press *.

Receive a call while online

Depending on your wireless service provider, 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.

After you end your voice call, the mobile Internet connection automatically resumes.

If your wireless service provider does not support incoming calls while browsing, then the incoming calls are automatically diverted to voice mail.

Make an emergency call while online

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

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

Disconnect

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

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U-Mail

U-Mail enables you to receive e-mail with a multimedia attachment between mobile phone and mobile phone, or mobile phone and Internet e-mail address. Apply CDMA 1X data service from your service provider before using U-Mail.

Account registration

In the standby mode, select *Uni* > *U-Mail* > **E-mail settings** > **Register accnt.**

Check with your service provider for detailed U-Mail function and operation.

U-Magic

U-Magic enables you to download and launch Java applications. In the standby mode, press the scroll up key or select *Uni* > *U-Magic* > **Download new**. If you already know the application number you want to download, enter that number in the standby mode, and press the center selection key. You are taken to the browser page of that application.

UNI-INFO

If your wireless service provider supports this feature, then you can view weather reports, check flight times, view financial information, and much more. Check with your service provider for details. In the standby mode, select *Uni* > *UNI-INFO*.

Channel

Select *Uni* > *Channel* to connect to the operator's network. This is a network service. Check with your service provider for pricing and information. See "Media player,, " p. 54 .

Online calls

Receive a call while online

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

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

While in the voice call, you are not able to load new pages in the browser. After you end your voice call, you must initiate activation of your Internet connection.

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

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. The cache is also cleared when you power off your device.

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

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14. PC connectivity

USB data transfer

You can transfer data such as music, photos, and videos from your device to a compatible PC or from a compatible PC to your device using a DKU-2 USB data cable. The cable is connected to your device correctly when the arrowhead points toward the display screen. Disconnect the USB data cable from the device to make a call.

Use the Nokia Audio Manager software to handle your music files, and transfer them from the PC to your device. See ""Nokia PC Suite," p. 94" p. 94.

Transfer with Windows Explorer

After you have installed the Nokia Audio Manager, it is possible to use Windows Explorer to transfer music, photo, and video files to your device and from your device to your PC.

1. Connect your PC and your device with a DKU-2 USB or a CA-53 cable. *Data enhancement connected* is displayed on your device.
2. Open Windows Explorer. Your device appears as a local drive (named by Nokia 6152) with a drive letter assigned to it.
3. Click on the folders to display a window that shows the contents of the folder on the device.
4. Open a second instance of Windows Explorer, and display the contents of the folder on your PC where you have MP3 files, photo files, or video files stored.
5. Select the files on your PC that you want to transfer to the device.
6. Drag and drop the files from the second window into the first window, and place them in a folder.
7. The files are transferred to the device and can be played or accessed by the media player.

   If you select files that require more memory than the memory capacity of the device, an error note is displayed. Deselect some of the files until the selected files fit the memory.

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8. Disconnect the USB cable by double-clicking the green arrow on the taskbar at the bottom of your PC screen. A pop-up window displays **Unplug** or **Eject Hardware**.
9. Click on USB device in the hardware devices window. A pop-up window displays **Stop a Hardware device**.
10. Highlight **USB device** and click **OK**. The pop-up window displays **Safe to Remove Hardware**, with **The 'USB Device' device can now be safely removed from the system**. Select **OK**.

Important: To ensure that all memory card operations are completed in a controlled way, do not unplug the connectivity cable until Windows notifies you that it is safe to do so. Uncontrolled completion of the memory card operations may cause the memory card and the information stored on it to become corrupted. A corrupted memory card may have to be formatted before it can be used again. When a memory card is formatted, all information on the card is permanently lost.

Nokia PC Suite

Nokia PC Suite software is available for the Nokia 6152 phones. Nokia PC Suite is a collection of powerful tools that you can use to manage your device features and data. Each component is a separate program that includes online helps. Nokia PC Suite software, installation instructions, and other documentation, which are provided free of charge and can be downloaded from the software downloads of the Nokia web site: **www.nokia.com/us**.

Some of the features in your device require network support. Contact your service provider for availability and configuration instructions.

- Nokia Image Converter makes images usable for multimedia messages or wallpapers and transfers them to your device.
- Nokia Sound Converter edits polyphonic ringing tones to be compatible with your device and transfers them to your device.
- Nokia Content Copier copies information or backs up information from your device to the PC or to another compatible Nokia device.
- Nokia Phone Editor sends text messages and edits the contact directory and message settings of your device.
- Nokia PC Sync synchronizes the contacts directory and calendar between your device and a compatible PC.

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- Nokia Connection Manager selects the connection type between the PC and the device.
- Nokia Phone Browser copies images and tones from your device to your PC and vice versa.

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

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15. Enhancements

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from AC-3 or AC-4.

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

A few practical rules about accessories and enhancements:

- Keep all accessories and enhancements out of the reach of small children.
- When you disconnect the power cord of any accessory or enhancement, grasp and pull the plug, not the cord.
- Check regularly that enhancements installed in a vehicle are mounted and are operating properly.
- Installation of any complex car enhancements must be made by qualified personnel only.

Power:

- Standard 1070 mAh Li-Ion Battery (BL-6C)
- Standard Travel Charger (AC-3)
- Travel Charger (AC-4)
- Mobile Charger (DC-4)
- Charger Adapter (CA-44)

  Use the CA-44 charger adapter to connect the phone with Nokia chargers with a larger barrel size, including ACP-7, ACP-8, ACP-9, ACP-12, AC-1 (retractable charger), and LCH-12 (mobile charger).

Go to **www.nokia.com/phones** for more information about enhancements.

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16. Battery information

Charging and discharging

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 then disconnect and reconnect it to begin charging the battery.

Unplug the charger from the electrical plug and the device when not in use. Do not leave a fully charged battery connected to a charger, 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 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.

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Nokia battery authentication guidelines

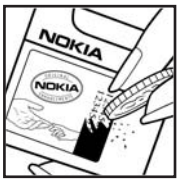
Always use original Nokia batteries for your safety. To check that you are getting an original Nokia battery, purchase it from an authorized Nokia dealer, look for the Nokia Original Enhancements logo on the packaging, and inspect the hologram label using the following steps:

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

Authenticate hologram

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.



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.

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

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To create a text message enter the 20-digit code, for example, 12345678919876543210, and send to +44 7786 200276.

To create a text message,

- For countries in Asia Pacific, excluding India: Enter the 20-digit code, for example, 12345678919876543210, and send to +61 427151515.
- For India only: Enter Battery followed by the 20-digit battery code, for example, Battery 12345678919876543210, and send to 5555.

National and international operator charges will apply.

You should receive a message indicating whether the code can be authenticated.

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.

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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 attempt to remove the battery from the device. Nokia recommends that you take the device to the nearest authorized service facility for replacement of the battery.
- 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.

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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.

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Additional safety information

Operating environment

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

Remember to follow any special regulations in force in any area and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 2.2 cm (7/8 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 6 inches (15.3 cm) be maintained between a wireless device or phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. To minimize the potential for interference, persons with pacemakers should

- Always keep the device more than 6 inches (15.3 cm) from their pacemaker when the device is switched on
- Not carry the device in a breast pocket

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

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

HEARING AIDS

Some digital wireless 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 an air bags inflate with great force. Do not place objects, including installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

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

Potentially explosive environments

Switch off your 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

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transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders.

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

Emergency calls

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

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

1. If the device is not on, switch it on. Check for adequate signal strength. Some networks may require that a valid UIM (CDMA SIM) card is properly inserted in the device.
2. Press the end key as many times as needed to clear the display and ready the device for calls.
3. Enter the official emergency number for your present location, and press the call key. Emergency numbers vary by location

If certain features are in use, you may first need to turn those features off before you can make an emergency call. If the device is in an offline or flight mode you must change the profile to activate the device function 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 device may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

Certification information (SAR)

THIS MODEL PHONE MEETS GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by international guidelines (ICNIRP). These limits establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations

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through periodic and thorough evaluation of scientific studies. The standards and guidelines include a substantial safety margin designed to assure the safety of the public, regardless of age and health and to account for any variations in measurements.

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 international guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be well 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 when tested according to international testing procedures for use at the ear is 0.64 W/kg.

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

USA and Canada: The SAR limit of USA (FCC) and Canada (IC) is 1.6 W/kg averaged over one gram of tissue. This device model has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.95 W/kg and when properly worn on the body is 0.70 W/kg. Information about this device can be found on the FCC's website at http://www.fcc.gov/oet/fccid by searching the equipment authorization system using FCC ID: **QMNRM-96**.

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Technical information

Type designation—RM-96
Dimensions—Width, 45.4 mm; length, 86.7 mm; depth, 24.9 mm
Weight—86.8 g without BL-6C Li-Ion Battery
Volume—83.5 cc
Wireless networks—CDMA 800
Frequency range (Tx)—Cellular: 824.70–848.37 MHz
Frequency range (Rx)—Cellular: 869.70–893.37 MHz
Wireless networks— AMPS
Frequency range (Tx)—AMPS: 824.04–848.97
Frequency range (Rx)—AMPS: 869.04–893.97

Battery information

This section provides information about battery charging times with the Travel Charger (AC-4) and the Standard Travel Charger (AC-3), talk and standby times. Be aware that the information in this section is subject to change. For more information, contact your service provider.

Charging times

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

Travel Charger (AC-4): Up to 1 hour 35 minutes

Standard Travel Charger (AC-3): Up to 3 hours 45 minutes

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 other factors.

Analog Talk time: Up to 1 hour
Analog Standby time: Up to 24 hours
Digital Talk time: Up to 3.5 - 4.0 hours
Digital Standby time: Up to 6 - 10 days

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