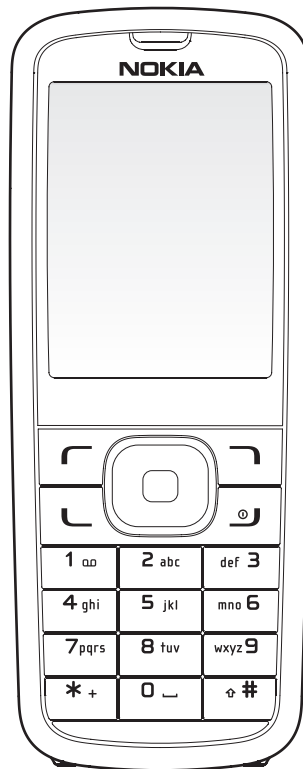


Nokia 6275i User Guide



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EXPORT CONTROLS

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

FCC/INDUSTRY CANADA NOTICE

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

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For your safety

For your safety

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



Switch on safely

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



Road safety comes first

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



Interference

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



Switch off in hospitals

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



Switch off in aircraft

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



Switch off when refueling

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



Switch off near blasting

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



Use sensibly

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



Qualified service

Only qualified personnel may install or repair this product.



Enhancements and batteries

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

For your safety



Water-resistance

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



Backup copies

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



Connecting to other devices

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



Emergency calls

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

About your device

The wireless device described in this guide is approved for use on the CDMA 800 and 1900, AMPS 800, and GPS networks. Contact your service provider for more information about networks. When using the features in this device, obey all laws and respect privacy and legitimate rights of others. When taking and using images or video clips, obey all laws and respect local customs as well as privacy and legitimate rights of others.



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

Network services

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



For your safety

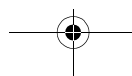
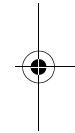
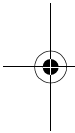


Your service provider may have requested that certain features be disabled or not activated in your device. If so, they will not appear on your device menu. Your device may also have been specially configured. This configuration may include changes in menu names, menu order and icons. Contact your service provider for more information.

This device supports WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols. Some features of this device, such as *Mobile web* require network support for these technologies.

■ Shared memory

The following features in this device may share memory: *Messaging*, *Contacts*, *Gallery*, *Organizer*, and *Extras*. Use of one or more of these features may reduce the memory available for the remaining features sharing memory. For example, saving many photos to the *Gallery* may use all of the available memory. Your device may display a message that the memory is full when you try to use a shared memory feature. In this case, delete some of the information or entries stored in the shared memory features before continuing. Some of the features, such as *Messaging* and *Contacts*, may have a certain amount of memory specially allotted to them in addition to the memory shared with other features.



W e l c o m e

Welcome

Congratulations on your purchase of the Nokia mobile phone. Your phone provides many functions which are practical for daily use, such as a hands-free loudspeaker, camera, MP3 player, video recorder, and more. Your phone can also connect to a PC, laptop, or other device using a USB data cable, Bluetooth wireless technology, or infrared.

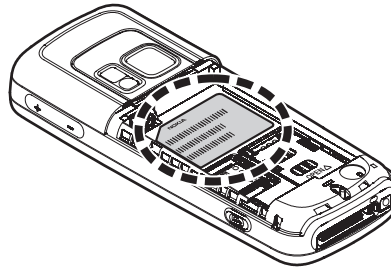
■ Getting help

Find your phone label

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

- Electronic serial number (ESN) or Mobile Equipment ID (MEID)
- Your zip code (only in the US)

The ESN or MEID is found on the type label, which is located beneath the battery on the back of the phone. See "Remove the back cover," p. 15 and "Remove the battery," p. 15.



W e l c o m e

Contact Nokia

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

Nokia Care Contact Center, USA
Nokia Inc. 4630 Woodland Corporate Blvd. Suite #160 Tampa, Florida 33614 Tel: 1-888-NOKIA-2U (1-888-665-4228) Fax: 1-813-249-9619 Web site: www.nokiausa.com/support
In Canada call: Tel: 1-888-22-NOKIA (1-888-226-6542) Web site: www.nokia.ca
For TTY/TDD users: 1-800-24-NOKIA (1-800-246-6542)

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

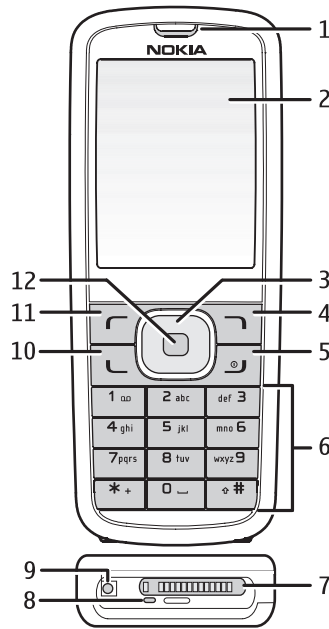
Nokia is committed to making mobile phones easy to use for all individuals, including those with disabilities. For more information visit www.nokiaaccessibility.com.

1. Phone at a glance

■ Keys and parts

Front view

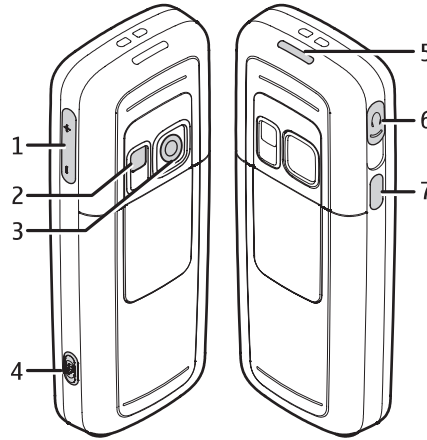
- Earpiece (1)
- Display (2)
- Scroll key (3)
- Right selection key (4)
- End and power key (5)
- Keypad (6)
- Pop-Port™ connector (7)
- Microphone (8)
- Charger port (9)
- Call key (10)
- Left selection key (11)
- Center selection key (12)



Phone at a glance

Side views

- Volume key (1)
- Camera flash and self-portrait mirror (2)
- Camera lens (3)
- Camera key (4)
- Loudspeaker (5)
- Headset connector (6)
- Infrared (7)



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 indicates that your phone is idle.

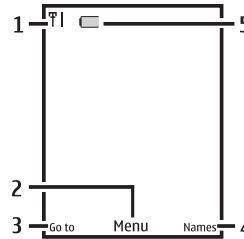
Signal strength (1)—More bars indicate a stronger network signal.

Menu (2)—Press the center selection key to select this option.

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

Names or network operator menu (4)—Press the right selection key to select this option.

Battery level (5)—A filled in battery indicates more power.



■ Quick keys

Depending on your wireless service provider and the model number of your phone, some or all of the following scroll key shortcuts may be available in the standby mode.

In the standby mode, the four-way scroll and center selection keys instantly take you to frequently-accessed menus:

Scroll up key—Create a text message

Scroll right key—Go to the *Gallery*.

Scroll down key—Go to the *Music player* menu.

Scroll left key—Go to the *Minibrowser*.

Center selection key—Display available applications or selects highlighted menus and submenus.

■ Indicators and icons

To identify the icons on your phone, select *Menu > Settings > Phone > Phone details > Icon details*.

■ Phone menus

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

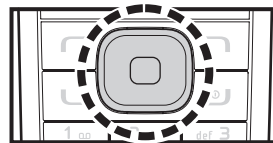


Note: Some features may not be available, depending on your network. For more information, contact your wireless provider.

Scroll method

1. To select *Menu*, use the center selection key. To scroll through the main menu, use the scroll key.

On the right side of the screen, a scroll bar is displayed with a tab that moves up or down as you move through the menus. This provides a visual representation of your current position in the menu structure.



Phone at a glance

2. When you arrive at a menu, to enter submenus, press *Select* (the center selection key).
To return to the previous menu, select *Back* from the submenu level.
To return to the standby mode from any menu or submenu, press the end key.

Main menu display

You can control whether your phone menu is displayed as a *List*, *Grid* or *Grid with labels*. By default, the main menu displays in *Grid with labels* format.

Select *Menu > Options > Main menu view > List, Grid, or Grid with labels*.

If supported by your wireless service provider, you can also change the order of menus in your main menu.

Select *Menu > Options > Organize*. Scroll to a menu, and select *Move*. Use the scroll key to move the menu to a new location, and select *OK*. You can repeat this procedure to customize your main menu.

To save the changes, select *Done > Yes*.

In-phone help

Many features have brief descriptions (help text) that can be viewed on the display. To view these descriptions, scroll to a feature, and wait for about 15 seconds. Scroll down to view all of the description, or select *Back* to exit.

In order to view the descriptions, you must activate help text. Select *Menu > Settings > Phone > Help text activation >* and an option.

■ Lock code

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

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

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

1. In the standby mode, select *Menu > Settings > Settings > Security*.
2. Enter the lock code, and select *OK*. See "Change lock code," p. 37.

■ Go to functions

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

Select options

1. Select *Go to* > *Options* > *Select options*, and scroll to the options you want to add.
2. Select *Mark* to add an option or *Unmark* to remove an option.
3. When you have marked or unmarked the desired options, select *Done*; to save the changes, select *Yes*.
4. Select *Go to* to display a list of the options that you selected.

Organize functions

Select *Go to* > *Options* > *Organize*. Scroll to an option, and select *Move*. Scroll to move the option to a new location, and select *OK*. You can repeat this procedure to customize your *Go to* menu.

To save the changes, select *Done* > *Yes*.

Set up your phone


2. Set up your phone

■ Antenna

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

The internal GPS antenna is activated when placing emergency calls or when *On* is selected from the *Location info sharing* menu (a network-dependent feature). See "Location info sharing," p. 25.



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



■ Battery

Always switch off the power and disconnect the charger before removing the battery. Avoid touching electronic components while changing the covers. Always store and use the device with the covers attached.

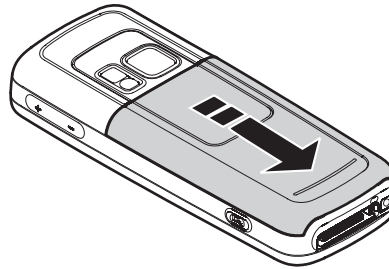
Prolonged, continuous use of your device may increase the device temperature. The increased temperature is a normal function of this product and does not pose a safety concern for you or the device. If the temperature is uncomfortable to you, use a headset or allow your device to return to room temperature before your next call.

Set up your phone

Remove the back cover



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.

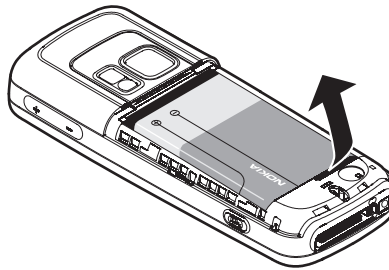


1. With the back of the phone facing you, press down and hold the back cover.
2. Slide the back cover toward the bottom of the phone, lift up, and remove.

Remove the battery

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

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



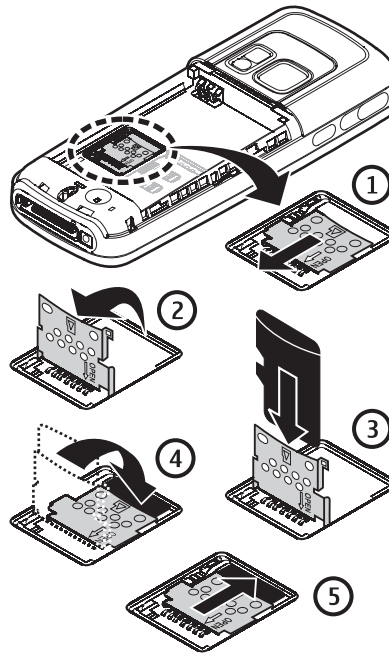
Set up your phone

MicroSD card

Your phone has a microSD card slot located under the battery. To insert the microSD card, complete the following steps.

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

1. Remove the battery. Slide the microSD slot cover toward the base of the phone (1), and lift open the microSD slot cover (2).
2. Insert the card firmly as shown in the illustration (3), and close the microSD slot cover (4).
3. Slide the microSD slot cover toward the top of the phone (5), and replace the battery and back cover.



Use only microSD cards approved by Nokia for use with this device. Nokia utilizes the approved industry standards for memory cards but not all other brands may function correctly or be fully compatible with this device.



Important: Do not remove the memory card while reading or writing to the card. Doing so may cause data corruption on the card or the phone.

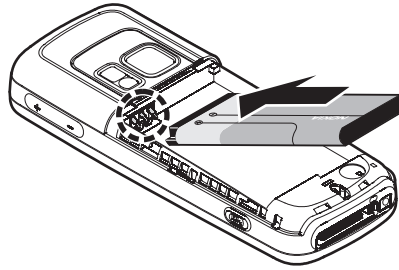
UIM (CDMA SIM) card slot

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

Set up your phone

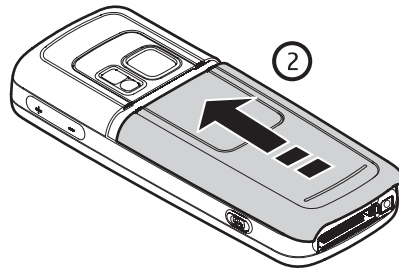
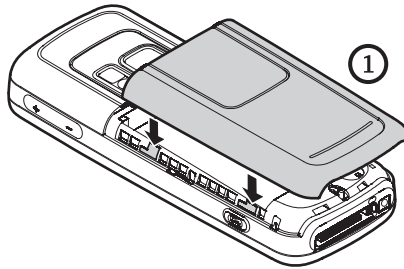
Replace the battery

1. Insert the battery, gold-colored 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 to the slots in the phone.
2. Press the back cover latch down, and slide the back cover toward the top of phone.
3. Make sure back cover latch is secure.



Set up your phone

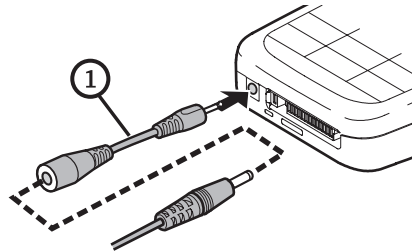
Charge the battery

1. Plug the charger transformer into a standard wall outlet.
2. Connect the charger to the phone.

If necessary, you can use a CA-44 adapter cable (1) to connect a charger and the phone.

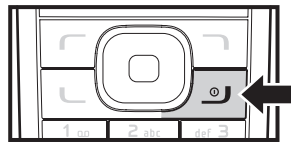
After a few seconds, the battery indicator in the display scrolls.

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.




■ Turn your phone on or off

1. To turn your phone on or off, press and hold the end key for at least 3 seconds.
2. Enter the lock code, if necessary, and select *OK*.



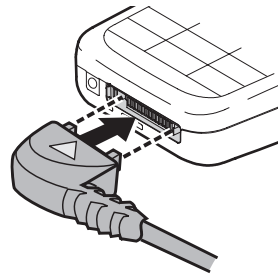
■ Connect the headset

A compatible headset, such as HS-5, may be included with your phone or purchased separately as an enhancement. See "Enhancements," p. 82 for more information.

1. Plug the headset connector into the Pop-Port™ connector at the bottom end of your phone.  appears on the display.
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. Press the end key to end a call.



Set up your phone

You can also plug a compatible headset, the such as the HS-9 Universal Headset, into the 2.5-mm stereo headset jack on the side of your phone to allow handsfree operation. See "Enhancements," p. 82.



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

■ Make calls

1. Enter the phone number, including the area code.

For international calls, press * twice for the international prefix (the + character replaces the international access code) and then enter the country code, the area code without the leading 0, if necessary, and the phone number.

2. To call the number, press the call key.
3. To end the call or to cancel the call attempt, press the end key.

To make a call using names, search for a name or phone number in *Contacts*. Press the call key to call the number.

To access the list of up to 20 numbers you last called or attempted to call, press the call key once in the standby mode. To call the number, select a number or name, and press the call key.

1-touch dialing

Assign a phone number to one of the 1-touch dialing keys, 2 to 9. See "Set up 1-touch dialing," p. 47. Call the number in either of the following ways:

- Press a 1-touch dialing key, then the call key.
- If *1-touch dialing* is set to on, press and hold a 1-touch dialing key until the call begins.

■ Answer or reject a call

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

To reject an incoming call, press the end key within 1.5 seconds.

To mute the ringing tone, press the volume key, or select *Silence*.

To adjust the volume of the earpiece, press the volume key located on the right side of your phone. See "Side views," p. 10. A bar chart is displayed indicating the volume level.

Set up your phone



Note: If the *Forward if busy* function is activated to forward the calls (for example, to your voice mailbox) rejecting an incoming call also forwards the call.

If a compatible headset supplied with the headset key is connected to the phone, to answer and end a call, press the headset key.

Call waiting

To answer the waiting call during an active call, press the call key. The first call is put on hold. To end the active call, press the end key.

To activate the *Call waiting* function, see "Call waiting," p. 41.

Mute phone during call

To mute your phone during a call, select *Mute*; to unmute the phone, select *Unmute*.

■ Options during a call

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

During a call, select *Options* and one of the following:

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

Add new call—Initiate a conference call. See "Make a conference call," p. 20.

End all calls—Disconnect from all active calls.

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

Contacts—View the contacts list.

Menu—View the phone menu.



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

Make a conference call

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

1. Make a call to the first participant.
2. With the first participant on the line, select *Options > Add new call*.

Set up your phone

3. Enter the phone number of the second participant; or to retrieve a number from your contacts, select *Search* and the number you want to call.
4. Press the call key. The first participant is put on hold.
5. When the second participant picks up, press the call key to connect the calls.
6. To end the conference call, press the end key.

■ Keypad lock (keyguard)

To prevent the keys from being accidentally pressed, select *Menu*, and press * within 3.5 seconds to lock the keypad.

To unlock the keypad, select *Unlock*, and press *. Enter the security code if requested.

To answer a call when keyguard is on, press the call key. When you end or reject the call, the keypad automatically locks.

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

Settings

3. Settings



Use this menu to change profiles, themes, 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 customize them to suit your needs.

Profiles are also available for enhancements such as the headset and car kit. See "Enhancement settings," p. 35.

To activate a profile, select *Menu > Settings > Profiles > Normal, Silent, Meeting, Outdoor, My profile 1, or My profile 2 > Activate*.

Customize a profile

You can customize any of the profiles in various ways.

1. Select *Menu > Settings > Profiles*.
2. Select the profile you want to customize.
3. Select *Customize* and the option you want to customize.

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 *Normal* until long after the event. A timed profile can prevent missed calls by returning your device to the default profile at a time you specify. You can set timed profiles up to 24 hours in advance.

1. 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*.

■ Display

Standby mode settings

You can choose settings for the display of the standby screen.

Wallpaper

Select *Menu > Settings > Display > Standby mode settings > Wallpaper* and one of the following:

On—Activate wallpaper on your phone.

Off—Deactivate wallpaper on your phone.

Wallpapers—Choose an image or slide set from the *Gallery* for wallpaper. Select *Open* to browse the *Images* folder. Select the image or slide set of your choice. Or, select *Open Camera > Capture > Set* to select a new photo for wallpaper.

Font color

To set the font color of your phone when in the standby mode, select *Menu > Settings > Display > Standby mode settings > Standby mode font color*. Scroll to select a color from the color grid.

Screen saver

To choose a screen saver for the display, select *Menu > Settings > Display > Screen saver* and one of the following:

On—Activate the screen saver on your phone.

Off—Deactivate the screen saver on your phone.

Screen savers > Image, Video Clip, Slide set, Digital clock, or Open Camera—an image, video clip, or other option to act as your screen saver.

Time-out—Modify the idle time before the screen saver activates.

Power saver is automatically activated after the time-out of the screen saver to optimize battery life.

Sleep mode

When this feature is enabled, the display is off during inactivity. Select *Menu > Settings > Display > Sleep mode > On or Off*.

Banner

To change the banner, select *Menu > Settings > Display > Banner*.

Settings

Backlight time-out

To control the time-out of the backlight on your phone, select *Menu > Settings > Display > Backlight time-out*.

■ Themes

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

Themes automatically loads wallpapers, screen savers, ringing tones and background colors. Selecting a theme over-writes previous settings. Individual settings for a theme can be overwritten independently in the settings menu. For example, a theme selects a wallpaper, a screen saver, and a default ringing tone. The default ringing tone within a theme can be overwritten. See "Tone settings," p. 24.

1. Your phone has a default theme. To choose the theme on your display, select *Menu > Settings > Themes > Select theme > Themes*.
2. Scroll to a theme, and select *Apply*.

■ Tone settings

You can adjust the ringing volume, keypad tones, and more for the active profile. See "Customize a profile," p. 22 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.

Ringing tone—Select the ringing tone for incoming calls.

Incoming call video > Off or Incoming call video—Indicate whether to replace the default audio ringing tone with the selected video.

Ringing volume—Set the volume of your ringing tone.

Vibrating alert > On or Off—Set the vibrating alert.

Message alert tone—Select the tone for received messages.

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

Warning tones > On or Off—Set warning and confirmation tones.

Alert for—Define which caller groups the selected profile will accept or decline. See "Set up caller groups," p. 46.

■ Time and date settings

Clock

Select *Menu > Settings > Time and date > Clock > Show clock*, or *Hide clock*,
Set the time, *Time zone* or *Time format*.

Date

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. If your network operator supports this feature, you can allow the digital network to set the clock, which is useful when you travel to another network or time zone.

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 the digital network, you may be prompted to enter the time manually. Network time replaces 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

Location info sharing


Location info sharing is available for the Nokia 6275i device. Location info sharing is a network service. See "Network services," p. 5.

If your wireless service provider supports this feature, then location info sharing allows the device to share position information over the network. For calls to emergency numbers, this position information may be used by the emergency operator to determine the position of the device. The functionality and accuracy of this feature are dependent on the network, satellite systems, and the agency receiving the information. This feature may not function in all areas or at all times.

Select *Menu > Settings > Call > Location info sharing* and from the following:

Emergency—This is the default profile. The device location information is shared only during an emergency call to the official emergency number programmed into your device. The screen displays  in the upper left hand corner in the standby mode.

Settings

On—The device location information is shared with the network whenever the device is powered on and activated. The screen displays  in the upper left hand corner in the standby mode.

Location information is shared with the network during emergency calls to the official emergency number programmed into the device, regardless of the setting. After making an emergency call, the device remains in the emergency mode for 5 minutes. During this time, the location information is shared with the network. See "Emergency calls," p. 90.

Anykey answer

Anykey answer enables you to answer an incoming call. Briefly press any key except the right selection or end key. 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 number (number of times is specified by the network), and notifies you when the network is available. Select *Menu > Settings > Call > Automatic redial > On or Off*.

1-touch dialing

To activate or deactivate 1-touch dialing, select *Menu > Settings > Call > 1-touch dialing > On or Off*. See "Set up 1-touch dialing," p. 47.

Automatic service update

Your device is capable of receiving updates to wireless services sent to your device by your network operator. Select *Menu > Settings > Call > Automatic update of service > On or Off*.

Calling cards

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

Save information

1. Select *Menu > Settings > Call > Calling card*.
2. Enter your lock code, and select *OK*. See "Security settings," p. 36.
3. Scroll to the calling card of your choice, and select *Options > Edit > Select > Dialing Sequence*.

Settings

4. Select one of the following sequence types:
 - Access no.+phone no.+card no.*—Dial the access number code for the calling card, the phone number, then enter the card number (and PIN code if required).
 - Access no.+card no.+phone no.*—Dial the access number for the calling card, card number (plus PIN if required), then enter the phone number.
 - Prefix+phone no.+card no.*—Dial the prefix (numbers that must precede the phone number) and phone number, then enter the card number (and PINcode if required).
5. Enter the required information (access number or prefix and card number), and select *OK* to confirm your entries.
6. Select *Card name* > enter the card name > *OK*.

Select a calling card

You can select one of the calling cards for which you have saved information. The selected card information is used when you make a card call.

1. Select *Menu* > *Settings* > *Call* > *Calling card*.
2. Enter your lock code, and select *OK*. See "Security settings," p. 36.
3. Scroll to the calling card of your choice, and select it.

Make card calls

After you have selected a calling card, make a card call.

1. Enter the phone number, including any prefix (such as 0 or 1) that your calling card may require when you make a calling card call. See your calling card for instructions.
2. Press and hold the send key for a few seconds until *Card call* is displayed.
3. Follow the instructions on the screen.
4. When you hear the tone or system message, select *OK*.

International prefix

To store an international dialing prefix into your device, 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 dialing prefix that you have stored after you press the call key. See "Insert dialing codes," p. 66.

Settings

Call summary

To display the time spent on a call when you hang up, select *Menu > Settings > Call > Call summary > On or Off*.

Show call time

To see the call time on the display screen after each call, select *Menu > Settings > Call > Show call time on display > On or Off*.

Ring tone for no caller ID

To select a different ringing tone for calls received with no caller ID or restricted numbers, select *Menu > Settings > Call > Ringing tone for no caller ID > On or Off*.

■ Phone settings

Language settings

The phone language affects the time and date formats of the clock, and alarm clock. Select *Menu > Settings > Phone > Language settings > Phone language* and the language of your choice.

Automatic keyguard

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

1. 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.

Navigation key

If supported by your wireless service provider, you can set the features that are activated when you press the scroll key.

1. Select *Menu > Settings > Phone > Navigation key*.
2. Highlight the scroll up, scroll down, scroll right, or scroll left arrow; select *Change*.
3. Select a function to assign to the action.

Memory status

To view the size of available memory on your device, select *Menu > Settings > Phone > Memory status*.

To view the size of available memory for application installations, select *Menu > Extras > Games or Collection > Options > Memory*.

Touch tones

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

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

Set type

Select *Menu > Settings > Phone > Touch tones > Manual touch tones* and one of the following options:

Continuous—Set the tone sound for as long as you press and hold a key.

Fixed—Send tones of the duration you specify in the *Touch tone length* option.

Off—Turn off tones. No tones are sent when you press a key.

Set length

To specify touch-tone length for the *Fixed* option, select *Menu > Settings > Phone > Touch tones > Touch tone length > Short (0.1 seconds) or Long (0.5 seconds)*.

Start-up tone

To have a start-up tone when you first turn on your device, select *Menu > Settings > Phone > Start-up tone > On or Off*.

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 be displayed. To scroll through the text, use the scroll key.

The default setting for help text is *On*. To turn help text on or off, select *Menu > Settings > Phone > Help text activation > On or Off*.

Settings

■ 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.
- 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 dialing 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. Select *Menu > Settings > Voice commands*.
2. Select the device function you want to tag: *Profiles, Messages, Radio, Infrared, Voice recorder, or Log*.
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 assigned voice tags.

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.

Settings

Options

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

Playback—Press the center selection key to listen to the voice command tag.

Change—Select *Options* > *Change* to change the voice command.

Delete—Select *Options* > *Delete* to erase the voice command tag.

Connectivity

You can connect the phone to a compatible device using an infrared (IR) connection or Bluetooth wireless connectivity. You can also connect the phone to a compatible PC using IR, Bluetooth connectivity, or a USB data cable; and use the phone as a modem to enable connectivity from the PC.

For more information, see the Nokia PC Suite online help. Nokia PC Suite and all related software can be downloaded from the Mobile Phone products section of www.nokia.com.



Important: Only install and use applications and other software from sources that offer adequate security and protection against harmful software.

Bluetooth connectivity

Bluetooth technology enables cost-free wireless connections between electronic devices and can be used to send and receive images, text, gallery files, voice recordings, video clips, notes, business cards, and calendar notes. It can also be used to connect wirelessly to other products that use Bluetooth wireless technology, such as computers. You can synchronize your phone and your PC using Bluetooth connectivity.

Since devices with Bluetooth connectivity communicate using radio waves, your phone and the other device do not need to be in direct line-of-sight.

The two devices only need to be within 10 meters (30 feet) of each other. The connection can be subject to interference from obstructions such as walls or other electronic devices.

Whether used actively or in the background, Bluetooth wireless technology consumes the battery and reduces the operating time of the phone.

This device is compliant with Bluetooth Specification 2.0 and supports the following profiles:

- Object push profile (OPP)
- File transfer profile (FTP)

Settings

- Dial-up networking profile (DUN)
- Generic object exchange profile (GOEP)
- Headset profile (HSP)
- Hands-free profile (HFP)
- Generic access profile (GAP)
- Serial port profile (SPP)

To ensure interoperability between other devices supporting Bluetooth technology, use only enhancements approved by Nokia for this model. Check with the manufacturers of other devices to determine their compatibility with this device.

There may be restrictions on using Bluetooth technology in some locations. Check with your local authorities or service provider. If you want more information on this function, visit the Bluetooth Technology organization Web site: <https://www.bluetooth.org/>.

Features using Bluetooth technology, or allowing such features to run in the background while using other features, increase the demand on battery power and reduce the battery life.

Pairing

You can set up a permanent association (pairing) between your phone and another device with Bluetooth technology. Some devices may require pairing before data transfer can take place.

To pair with a device, you and the owner of the other device must agree on a passcode of 1–16 numeric characters. The first time you try to connect the devices, you must each enter the same passcode. After the devices are paired, you do not need to use the passcode again, so there is no need to remember it.

Paired devices are placed in your paired device list. You can view the list even when Bluetooth connectivity is not active or when the devices in the list are not available for connection.

Select *Menu* > *Settings* > *Connectivity* > *Bluetooth* > *Paired devices* > *Options* and one of the following:

Assign short name—Give a nickname to the selected device (visible to you only).

Auto-conn. with- out confirmation—Select *No* if you want the phone to connect to the selected device automatically or *Yes* if you want the phone to ask for your permission first.

Delete pairing—Delete the pairing to the selected device.

Pair new device—Search for active devices with Bluetooth technology within range, scroll to the desired device, and select *Pair* to establish pairing with that device. Do not accept Bluetooth connectivity from sources you do not trust.


Bluetooth connectivity settings

You can define how your phone is shown to other devices with Bluetooth connectivity. Select *Menu* > *Settings* > *Connectivity* > *Bluetooth* > *Bluetooth settings* and one of the following:

My phone's visibility—Select *Shown to all* to show the phone to all other devices with Bluetooth connectivity or *Hidden* to show the phone only to the paired devices. Operating the phone in hidden mode is a safer way to avoid malicious software.

My phone's name—Change your phone name that is seen by other users.

Set up a connection

1. Select *Menu* > *Settings* > *Connectivity* > *Bluetooth* > *On*. The active Bluetooth technology connection is indicated by  at the top of the display.
2. Select *Search for audio enhancements* to search for compatible devices with Bluetooth connectivity. The list of found devices appears in the display.
3. Select the desired device. If required, enter the Bluetooth connectivity passcode of the device to complete the pairing.
4. If required, enter the Bluetooth connectivity passcode of the device to pair with the device.

Your phone connects to the device. You can start data transfer.

To view the device you are connected to, select *Menu* > *Settings* > *Connectivity* > *Bluetooth* > *Active device*.

To deactivate Bluetooth connectivity, select *Menu* > *Settings* > *Connectivity* > *Bluetooth* > *Off*. Deactivation of the Bluetooth technology connection does not affect other functions of the phone.

Send data

You can use other phone menus to send various types of data to other devices with Bluetooth connectivity. For example, you can send a video clip from the *Video clips* folder of the *Gallery* menu. See the appropriate sections of the user guide for information about sending different types of data.

Receive a data transfer

When a Bluetooth technology connection is active in your phone, you can receive notes, business cards, video clips, and other types of data transfers from another device with Bluetooth connectivity. When you receive a data transfer, an alarm sounds, and a message appears in the standby mode.

Settings

To view the transferred item immediately from the standby mode, select *Show*.
To view the item later, select *Exit*.

The item is saved in the appropriate menu in your phone. For example, a business card is saved in *Contacts*, and a calendar note is saved in *Calendar*.

Infrared connectivity

You can set up the phone to receive data through its infrared (IR) port. To use an IR connection, transmission and reception must be to or from an IR compatible phone or device. Your device cannot send or receive images, photos, videos, music or ringing tones through IR connectivity between phones or other devices.



Do not point the IR 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 7.62 centimeters to 0.91 meters (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 also activate IR.

If data transfer is not started within 2 minutes after the activation of the IR port, the connection is canceled and must be restarted. The phone does not support sending files from the gallery directly to another phone or device via IR. It is not possible to receive images, photos, videos, music, or ringing tones via IR connection from other phones or devices.

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.

Data cable transfer

To transfer data from your phone to a compatible PC or from a compatible PC to your phone, use a CA-53 USB data cable. To disconnect the cable from the device, hold the connector, and remove the cable.

Disconnect the USB data cable from the phone to make a call.

Settings

Enable default mode connection

Connect to your PC in *Default mode* to transfer phone data and files between your phone and PC using PC Suite.

1. Connect your PC and your phone with a CA-53 USB data cable. A notification is displayed that asks which mode you want to select.
2. Select *Accept > Default mode*. A notification is displayed stating that a connection is active.

You can now use PC Suite to connect to your phone.

Disable data storage connection

1. To disable the USB data cable, double-click the green arrow on the taskbar at the bottom of your PC screen.

Unplug or Eject Hardware is displayed.

2. Click on USB Device in the Hardware devices window.

Stop a Hardware device is displayed.

3. Highlight USB device, and click OK.

The **Safe to Remove Hardware** pop-up window is displayed with the following message "The 'USB Device' device can now be safely removed from the system."

4. Click OK.


Enhancement settings

The enhancement settings menu is shown only if the device has been connected to a compatible enhancement. Select *Menu > Settings > Enhancements > Hearing aid, Headset, Handsfree, or Charger*.

Hearing aid

To use a T-coil hearing aid with your device, select *Menu > Settings > Enhancements > Hearing aid > T-coil hearing aid mode > On or Off*.

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 > On or Off—Answer calls automatically after one ring with a headset connected.

Settings

Hands-free operation

Select an option to modify its settings.

Default profile—Choose the profile you want automatically activated with your device connected to a car kit.

Automatic answer > On or Off—Answer calls automatically after one ring with a car kit connected.

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

Charger

Select an option to modify its settings.

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

LightsOn Automatic—Choose to keep the device lights always on, or to shut off automatically after several seconds.

■ Security settings

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

Phone lock

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

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

1. Select *Menu > Settings > Security*.
2. Enter the lock code, and select *OK*. See "Change lock code," p. 37.
3. Select *Phone lock* and one of the following options:
 - Off*—Immediately turns off the device lock feature.
 - Lock now*—Immediately turns on the device lock feature.
 - On power-up*—Turns on the device lock feature the next time you turn the device on.

Settings

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

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

Allow numbers

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

1. Select *Menu > Settings > Security*.
2. Enter the lock code, and select *OK*. See "Change lock code," p. 37.
3. Select *Allowed no. when phone locked*. With an empty folder selected, select *Assign*, and enter the phone number; or select *Assign > Find* to recall the number from your contacts list. Select *OK*.

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

Change lock code

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

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

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

When changing your lock code, make sure you store it in a safe place, away from your device.

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 sends the caller to the voice mail.

Settings

1. Select *Menu > Settings > Security*.
2. Enter the lock code, and select *OK*. See "Change lock code," p. 37.
3. Select *Call restrictions*.
4. Select the types of calls you want to restrict:
 - Restrict outgoing calls*—Set restrictions on making calls.
 - Restrict incoming calls*—Set restrictions on receiving calls.
5. Select whether to block or allow numbers:
 - Blocked numbers*—Set the numbers the phone blocks, allowing all the rest.
 - Allowed numbers*—Set the numbers the phone can call or receive, blocking all the rest.
6. Select one of these options: *Select*, *Add restriction* (unavailable with memory full), *Edit* (unavailable with no number added), or *Delete* (unavailable with no number added).

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

Voice privacy

Voice privacy is a network service. See "Network services," 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 calls on your same network.

1. Select *Menu > Settings > Security*.
2. Enter the lock code, and select *OK*. See "Change lock code," p. 37.
3. Select *Voice privacy > On or Off*.

■ Application settings

1. 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 > On or Off*
 - Application lights > App. defined or Default*
 - Application vibration > On or Off*

■ Network

The menu options you see in your device depend on your network operator's network. Check with your network operator for more information.

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

Roaming options

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

1. Select *Menu > Settings > Network > Roaming options* and one of the following options:

Home only—You can make and receive calls in your home area only.

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

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

2. Select *OK*, if necessary, to confirm the activation.

Mode

To choose whether your device uses digital or analog service, select *Menu > Settings > Network > Mode* and one of the following service options:

Digital preferred—The device works in digital mode but also works in analog mode when digital mode is unavailable.

Digital only—The device only works in digital mode.

Analog only—The device only works in analog mode.

Roam call ringing tones

To activate ringing tones for roaming calls, select *Menu > Settings > Network > Roam call ring. tone*.

Settings

Service change tones

To activate alert tones to notify you when service changes entering a home or roaming area, select *Menu > Settings > Network > Service change tones*.

■ Network services

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

Store a feature code

1. Select *Menu > Settings > Network services > Network feature setting*.
2. Enter the feature code from your network operator (for example, *633), and select *OK*.
3. Select the type of service that matches the feature code you entered (for example, *Call forwarding*).

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

Call forwarding

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

Activate

The following options may not all appear in the display. Contact your network operator for more information.

1. Select *Menu > Settings > Network services > Call forwarding > Forward all calls, Forward if busy, Forward if not answered, or Forward if out of reach > Activate*.
2. Enter the number to which you want to forward your calls, data, or other information, and select *OK*.

Cancel

Select *Menu > Settings > Network services > Call forwarding > Cancel all call forwarding*. *Cancel all call forwarding* may affect your ability to receive voice mail messages. Contact your network operator for specific details.

Call waiting

If your network operator 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. 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 caller ID

If your network operator supports this feature, you can allow or prevent your number from appearing on the receiving caller ID. Select *Menu > Settings > Network services > Send my caller ID > Yes or No*.

My number selection

Select *Menu > Settings > Network services > My number selection*. This feature is network-dependent.

■ 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. Select *Menu > Settings > Restore settings*.
2. Enter the lock code, and select *OK*. See "Change lock code," p. 37.

Depending on your wireless service provider, your device may ask you for the security code (defaulted to 12345) instead of the lock code.

■ Phone details

To view the current details of your phone, select *Menu > Settings > Phone details* and one of the following options:

User details—Shows the phone's current number details.

Version details—Shows the hardware, software, and browser version information for the phone.

System details—Shows the digital network the phone is on.

Icon details—Shows the icons used.

L o g

4. Log



The phone registers the phone numbers of identified missed, received, and dialed calls; the message recipients; and the approximate length of your calls.

The phone registers if it is switched on and within the network's service area, and the network supports these functions.

■ Recent calls lists

To view a missed, received, or dialed call, select *Menu > Log > Missed calls, Received calls, or Dialed numbers*. Select *Options* to view the time of the call; edit, view, or call the registered phone number; add it to the memory; or delete it from the list. You can also view message recipients by selecting *Msg. recipients*. To delete the recent calls lists, select *Clear log lists*.

■ Counters and timers



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

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

Select *Menu > Log > Call timers* for approximate information on your recent communications.

■ Browser calls

Minibrowser is a network service. See "Network services," p. 5 for more information. If your wireless service provider supports this feature, you can view the size or duration of sent or received data from the minibrowser. Select *Menu > Log > Browser calls*.



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

5. Contacts



You can save names and phone numbers (*Contacts*) in the phone memory. The phone memory may save contacts with numbers and text items. You can also save an image for a certain number of names.

■ Search contacts

Select *Menu > Contacts > Names > Options > Search*. Scroll through the list of contacts, or enter the first character of the contact name for which you are searching.

■ Save names and phone numbers

Names and numbers are saved in the used memory. Select *Menu > Contacts > Names > Options > Add new*. Enter the name and the phone number.

■ Save numbers, items, or an image

In the phone memory for contacts, you can save different types of phone numbers and short text items per name.

The first number you save is automatically set as the default number. It is indicated with a frame around the number type (cell, work, home) indicator.

When you select a name (for example, to make a call) the default number is used unless you select another number.

1. Scroll to the name to which you want to add a new number or text item, and select *Details > Options > Add detail*.
2. To add a number, select *Number* and one of the number types (*General, Mobile, Home, Work, or Fax*).

To add another detail, see "Save other details," p. 44.

To change the number type, scroll to the desired number, and select *Options > Change type*. To set the selected number as the default number, select *Set as default*.

3. Enter the number or text item; to save it, select *OK*.
4. To return to the standby mode, select *Back > Exit*.

C o n t a c t s

Save other details

To add an address or note to an existing contact, do the following:

1. Select *Menu* > *Contacts* > *Names*.
2. Scroll to the contact to which you want to add a detail.
3. Select *Details* > *Options* > *Add detail* > *E-mail address, Web address, Street address, or Note*.
4. Enter the text for the note or address, and select *OK*.

To associate an image or tone to an existing contact, do the following:

1. Select *Menu* > *Contacts* > *Names*.
2. Scroll to the contact to which you want to add an address or note.
3. Select *Details* > *Options* > *Add detail* > *Image* to save an image from the *Gallery* or a new image with the camera function or *Tone* to select the default tone or a new tone from the *Gallery*.

Insert dialing codes

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

You can automate voice mail with dialing codes.

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

The following dialing codes are available:

- *—Bypasses a set of instructions.
- +—Causes the international access code to be replaced by +.
- p—Pauses for 2.5 seconds before sending any numbers that follow.
- w—Waits for you to press the call key before sending the numbers or codes that follow.

Send business cards

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

1. Select *Menu* > *Contacts* > *Names*.
2. Select the contact to which you want send as a business card and *Details*.
3. Select the number to use and *Options* > *Send business card* and an option.
4. Enter the number for your recipient, or select *Search* to retrieve a number from your contacts. Select *OK*.

Contacts

■ Edit contact details

1. Select *Menu > Contacts > Names*. Search for the contact you want to edit, select *Details*, and scroll to the desired name, number, text item, or image.
2. To edit a name, number, or text item, or to change an image, select *Options* and one of the following options:
 - View*—View the name, number or text item.
 - Edit name, Edit number, or Edit detail*—Edit the detail of the contact.
 - Change image*—Change the image if one has been associated with the contact.
 - Delete*—Delete the detail from this contact.
 - Send message*—Create and send a text message to the contact.
 - Use number*—Display the phone number, ready for use.
 - Set as default*—Make the number the default for the contact.
 - Change type*—Change the number type.
 - Add voice tag*—Add a voice tag to the contact.
 - Send business card*—Select an option to send the contact as a business card to another phone.
 - Caller groups*—Select *No group* to remove the contact from a caller group or *Family, VIP, Friends, Business, or Other* to add the contact to an existing caller group.
 - 1-touch dialing*—Assign the contact to your 1-touch dialing list.

■ Delete contacts or contact details

- To delete all the contacts and the details attached to them, select *Menu > Contacts > Del. all contacts > Yes*.
- To delete a contact, search for the desired contact, and select *Options > Delete contact*.

■ Modify contact settings

- Select *Menu > Contacts > Settings* and the setting you wish to change:
- Scrolling view*—Select *Normal name list, Name and number, Large name list, or Name and image*.
 - Memory status*—View the amount of phone memory used as well as the amount of phone memory available.

C o n t a c t s

■ Set up caller groups

Select *Menu > Contacts > Caller groups* to arrange the names and phone numbers saved in the memory into caller groups with different ringing tones and group images.

■ Voice dialing

You can make a phone call by saying a voice tag that has been added to a phone number. Any spoken words, such as a name, can be a voice tag. The number of voice tags you can create is limited.

Before using voice tags, note that:

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




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

Manage voice tags

Save or copy the contacts to the phone memory for which you want to add a voice tag.

1. Search for the contact to which you want to add a voice tag.
2. Select *Details*, scroll to the desired phone number, and select *Options > Add voice tag*.
3. Select *Start*, and say clearly the words you want to record as a voice tag. After recording, the phone plays the recorded tag.

 appears behind the phone number with a voice tag in *Contacts*.

To check the voice tags, select *Menu > Contacts > Voice tags*. Scroll to the contact with the voice tag that you want, and select an option to listen to, delete, or change the recorded voice tag.

Contacts

Make a call with a voice tag

1. Press and hold the volume down key.
2. When you hear several beeps and *Speak now* appears, release the key.
3. Say the voice tag clearly. the phone plays the recognized voice tag, and dials the phone number of the voice tag after 1.5 seconds. into the microphone.

If you are using a compatible headset with the headset key, press and hold the headset key to start the voice dialing.

■ Set up 1-touch dialing

To assign a number to a 1-touch dialing key, select *Menu > Contacts > 1-touch dialing*, and scroll to a speed-dialing number you want.

Select *Assign*, or if a number has already been assigned to the key, select *Options > Change*. Select *Search*, the name, and the number you want to assign. If the *1-touch dialing* function is off, the phone asks whether you want to activate it. See also *1-touch dialing* in "Make calls," p. 19.

To make a call using the 1-touch dialing keys, see "1-touch dialing," p. 19.

■ Display phone number

Select *Menu > Contacts > My number* to display your phone number.

W A P

6. WAP



WAP is a network service. See "Network services," p. 5.

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

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

If the security indicator (🔒) is displayed during a connection, the data transmission between the device and the internet gateway or server is encrypted. The service provider secures the data transmission between the gateway and the content server.



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

■ Mobile internet access

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

Your wireless provider has created a home page and set up your browser to go to this page when you log on to the mobile internet. Once 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 phone. Normally this is done by your wireless provider when you subscribe to the feature. Contact your wireless provider if you have problems using the browser.

■ Sign on to the mobile internet

Select *Menu > WAP*.

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

■ Navigate the mobile internet

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

Phone keys

- To browse the WAP site, scroll up or down.
- Select a highlighted item.
- To enter text, press # to switch text input modes, and press 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, incoming calls are automatically forwarded to voice mail.

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 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.

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**. Scroll to the cache and select **Cache > Clear**. The cache also clears when you press and hold the end key to power off your device.

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



Note: Some features in your phone require network support.
Contact your service provider for availability and more information.

Text entry

7. Text entry

You can use two methods for entering text and numbers: standard mode and predictive text mode. In each mode the following applies:

- Press 0 to enter a space and to accept a completed word.
- Press 1 to enter a period or press repeatedly to scroll through a list of commonly used characters.
- Press and hold the specific number key to enter a number.
- While at any text entry screen, press * to display special characters (press and hold * if predictive text is on). Press * again to cycle through all available characters. Scroll to navigate through the list of special characters. Once a character is highlighted, select *Insert* to insert the character into your message.

■ Standard mode

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

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

■ Predictive text mode

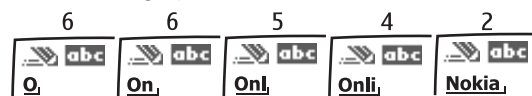
Predictive text input allows you to write messages quickly using your keypad and the built-in dictionary. It is much faster than the standard mode, because for each letter, you only press the corresponding key on your keypad once.

Activate and deactivate

At any text entry screen, select and hold *Options* to turn predictive text on or off depending on previous mode; or select *Options > Prediction on or Prediction off*. Press # twice to change from predictive text mode to standard mode and back.

Enter text

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



Text entry

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

■ Editor settings

You can use *Editor settings* to switch to number mode, turn the predictive text setting on or off, or change the writing language. Press and hold # to open *Editor settings*, and select one of the following:







Number mode—Switch from Abc mode to 123 mode (or back). To return to Abc mode, press and hold #.

Prediction on or Prediction off—Turn predictive text mode on or off. See "Predictive text mode," p. 50.

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

■ Change case and mode

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

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

■ Delete text

To delete text, select *Clear* to backspace the cursor and delete a single character. Select and hold *Clear* to backspace continuously and delete multiple characters.

M e s s a g i n g


8. Messaging




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 also send and receive multimedia and e-mail messages if supported by your network operator. You can make distribution lists that contain phone numbers and names from your contacts list.

Your device supports the sending of text messages beyond the character limit of a single message. Longer messages are sent as a series of two or more messages. Your service provider may charge accordingly. Characters that use accents or other marks, and characters from some language options like Chinese, take up more space limiting the number of characters that can be sent in a single message.

When composing text or multimedia 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 network operator.

■ Text messages

Write and send

1. Select *Menu > Messaging > Text messages > Create message*.
2. Write a message using the keypad.

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

Sending options > Mark or Unmark > Urgent, Read receipt, Callback no., or Signature. Select *Sending options* for a single message. See "Sending options," p. 56.

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

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

Messaging

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

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

Exit editor—Exit 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 presses can produce multiple words).

- To send the message, select *Send to > Recently used, 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 *Find* to retrieve a number or e-mail address from your contacts list; select *OK*.

Read message

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

- 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. 54.
- 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—Discard the message.

Use detail—Use or save the number, e-mail address, or Web address.

Save—Save the message to *Saved text msgs.*, *Templates*, or a folder you have created.

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

Messaging

Lock or Unlock—Lock or unlock the message.

Rename—Edit the title of the message.

Reply to message

1. Select *Menu > Messaging > 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.

Templates

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

1. Select *Menu > Messaging > Text messages > Create message > Options > Use template*.
2. Select your desired template.
3. Select *Send to > Recently used, Send to number, Send to e-mail, Send to many, or Send to distrib. list* (if a distribution list is created).
4. Enter the recipient's phone number or e-mail address, or select *Find* to retrieve a number or e-mail address from your contacts list; select *Send*.

Text message folders

Save messages

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

1. Open the received message or create a new message, and select *Options*.
2. To save a received message, select *Save > Saved text msgs., Templates*, or a folder you have created.

To save the draft of a message you have created, select *Save message > Drafts or Templates*.

View saved messages

1. Select *Menu > Messaging > 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

Messaging

Sent items—Stores messages that have been sent

Drafts—Stores messages created as drafts

Saved text msgs.—Stores messages that you choose to archive, including unread ones

Templates—Stores pictures and prewritten templates. Preloaded templates can be edited and customized.

My folders—Allows you to organize 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.

Distribution lists—Stores created distribution lists

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

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. Select *Menu > Messaging > 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.

Delete all messages in a folder

1. Select *Menu > Messaging > 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

Messaging

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.

Sending options

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

Priority > *Normal* or *Urgent*—Set the priority of a message.

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

Send callback number—Send a callback number to the recipient. Select *Off* or enter your desired phone number to send to the recipient as a callback number, and select *OK*.

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, select *Menu* > *Messaging* > *Text messages* > *Create message* > *Options* > *Sending options*, mark or unmark the setting you want to change:

Urgent—Set the priority of the message as urgent.

Read receipt—Send a note to yourself confirming delivery of the message.

Callback no.—Enter your desired phone number to send to the recipient as a callback number, and select *OK*.

Signature—Create a signature to send with the text message.

Other settings

Select *Menu* > *Messaging* > *Text messages* > *Message settings* > *Other settings* and the setting you want to change:

Message font size > *Small font*, *Normal font*, or *Large font*

Message overwriting > *Sent items only*, *Inbox only*, *S. items Et Inbox*, or *Off*

M e s s a g i n g



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 > *Always save*, *Always prompt*, or *Off*

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

■ Multimedia messages

Multimedia messaging is a network service. See "Network services," p. 5, for more information. If your wireless service provider supports this feature, you can send and receive multimedia messages to compatible phones that are also subscribed to the service.

A multimedia message can contain text, sound, a picture, or a video clip. Your phone supports multimedia messages that are up to 300 KB. If the maximum size is exceeded, the phone may not be able to receive the message.



Note: Only devices that have compatible features can receive and display multimedia messages. The appearance of a message may vary depending on the receiving device. The wireless network may limit the size of multimedia messages. If the inserted picture exceeds this limit, the device may make it smaller so that it can be sent by multimedia message.

Depending on your network, you may receive a message that includes an Internet address where you can view the multimedia message. Pictures are scaled to fit the display area of the phone. Your phone has a multimedia message viewer for playing messages and a multimedia inbox for storing saved messages. After you save the multimedia message, you can use the image as a screen saver or the sound as a ringing tone.

Copyright protections may prevent some images, ringing tones, and other content from being copied, modified, transferred, or forwarded. For availability and a subscription to the multimedia messaging service, contact your service provider or network operator.

Multimedia messaging only supports the following formats:

- Picture: JPEG, GIF, animated GIF, WBMP, BMP, and PNG
- Sound: SP-MIDI, AAC, AMR audio, QCELP, and monophonic and polyphonic ringing tones
- Video: clips in H.264 or MPEG4 format with SubQCIF image size and AMR or QCELP audio

Messaging

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

Multimedia message folders and options

Select *Menu > Messaging > Multimedia messages* and from the following:

Create message—Create and send multimedia messages.

Inbox—Check for received multimedia messages. Multimedia messages are automatically stored in the *Inbox* when they are received. You receive a notification when a message arrives in your *Inbox*.

Outbox—Check for outgoing multimedia messages. Multimedia messages are automatically stored in the *Outbox* as they are sent. If your service is interrupted while sending, then messages are stored in the *Outbox* until another delivery attempt is made.

Sent items—Sent multimedia messages are stored in *Sent items*.

Saved items—Save multimedia messages for later use in *Saved items*.

Delete messages—Delete multimedia messages from the *Inbox*, *Outbox*, *Sent items*, or *Saved items*.

Message settings—Change the settings for multimedia messages.


Write and send multimedia messages

1. Select *Menu > Messaging > Multimedia messages > Create Message*.
2. Write a message using the keypad. See "Multimedia message options," p. 60 for composing options.
3. Select *Send to > Recently used, To phone number, To e-mail address, To many, or Distribution lists*.
4. Select a number or distribution list, and enter the recipient's phone number or e-mail address; or select *Find* to retrieve a number or e-mail address from your contacts list.
5. Select *Send*.

The multimedia message is moved to the *Outbox* for sending.

The wireless network may limit the size of multimedia messages. If the inserted picture exceeds this limit, the device may make it smaller so that it can be sent by multimedia messaging.

Messaging


It takes more time to send a multimedia message than to send a text message. While the multimedia message is being sent, the animated indicator  is displayed and you can use other functions on the phone. If there is an interruption while the message is being sent, the phone automatically tries to resend it a few times. If this fails, the message remains in the *Outbox* and you can try to manually resend it later. Check your *Outbox* for unsent messages.




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

Messages that you send are saved in *Sent items* if the setting *Save sent messages* is set to Yes. See "Multimedia message settings," p. 62. This is not an indication that the message has been received at the intended destination.

Read and reply to multimedia messages

When a multimedia message is received,  appears on the display indicating the download progress. Once the message has been fully downloaded,  and a notification appears in the display.

1. To view the multimedia message immediately, select *Show*.
To save the message to the inbox for later viewing, select *Exit*.
To view a saved message, select *Menu > Messaging > Multimedia messages > Inbox* and the message you want to view.
While viewing a message, select *Play* to play the entire message.
2. Select *Reply* or *Options > Reply to all*, and compose your reply.
3. Select *Send*.

If  blinks and *Multimedia memory full. View waiting msg. appears*, the memory for multimedia messages is full. To view the waiting message, select *Show*. Before you can save the message, you need to delete some of your old messages. See "Delete multimedia messages," p. 62 for more information.



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

Messaging

Multimedia message options

Create message options

When you create or reply to a multimedia message, some or all of the following options are available:

Send to album—Send message to an online album. This is an online network service. Check with your service provider for more information.

Insert > Image, Sound clip, or Video clip—Insert an image, sound clip, or video clip file from your *Gallery*. Open the desired folder, and select the file and *Options > Options*.

Insert > New sound clip—Opens the voice recorder to create a new sound clip that you attach to the message.

Insert > Slide—Insert a slide into your message. Each slide can contain text, a business card, a calendar note, one image, and one sound clip.

Insert > Business card—Insert a contact as a business card.

Insert > Calendar note—Insert a calendar note.

Delete > Image, Sound clip, or Video clip—Delete an image, sound clip, or video clip file from your message.

Delete > Slide—Delete the current slide from your message.

Edit subject—Edit the subject heading.

Clear text—Erase all text from the current slide in your message.

Preview—Preview the message or slide presentation before sending it. Select *Stop* to end the preview. Select *Play* to start the preview again or *Back* to return to the list of options.

Previous slide—Move to the previous slide.

Next slide—Move to the next slide.

Slide list—Select the slide you wish to edit.

Slide timing—Set the timing interval for each slide. By default, each slide appears for 12 seconds.

Place text first or *Place text last*—Move text to the top or bottom of the slide. By default, the text appears at the bottom or last.

Save message—Save the message to *Saved items*.

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

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

Messaging

More options > Message details—Show the details of your multimedia message.

Exit editor—Exit the message editor.

Insert smiley—Insert a smiley.

Insert word or *Edit word*—Enter or edit the text of a new word that might not appear in the predictive text dictionary. This appears only when predictive text is on.

Insert symbol—Insert a special character. This appears only when predictive text is on.

Writing language—Choose the language you want to use.

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

Matches—View matches found in the predictive text dictionary for the word you want to use. This appears only when predictive text is on.

Read message options

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

Set contrast—Adjust the contrast of an image. This option is only available when viewing an image.

Details—Display the details of a highlighted file attachment.

Save image, *Save sound clip*, or *Save video clip*—Save the corresponding file to the *Gallery*. Images, sound clips, and video clips must be opened before you can save them.

Save link—Save the corresponding Web link. This appears only when a Web link is highlighted.

View text—View only the text included in the message.

Activate image, *Activate tone*, or *Activate video clip*—View or listen to the corresponding file.

Delete—Delete the message you are viewing.

Reply or *Reply to all*—Enter a reply and send it to the original sender and any other recipients of the message.

Use detail—Use or save the number, e-mail address, or Web address.


Send to number, *Send to e-mail*, or *Send to many*—Forward the message to a phone number, e-mail address, or multiple recipients.

Album—Forward the message to an online album. This is an online network service. Check with your service provider for more information.

Message details—View the sender's name and phone number, the message center used, reception date and time, and message size and type.

Messaging

Delete multimedia messages

If your message memory is full and you have more multimedia messages waiting at the network,  blinks in the standby mode. Delete several messages to free memory.

Delete a single multimedia message

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

1. Select *Menu > Messaging > Multimedia messages*
2. Select the folder containing the multimedia message you wish to delete.
3. Select the message you wish to delete and *Options > Delete*.
4. Select *Yes* to delete or *No* to exit.

Delete all multimedia messages in a folder

1. Select *Menu > Messaging > Multimedia messages > Delete messages > Inbox, Outbox, Sent items, or Saved items*.
2. Select *Yes* to delete all messages in the folder or *No* to exit.

Multimedia message settings

Select *Menu > Messaging > Multimedia messages > Message settings* and from the following options:

Save sent messages—Select whether you want sent messages saved to the *Sent items* folder.

Delivery reports—Select whether you want to receive reports of delivered messages.

Scale image down—Select whether you want images to automatically be scaled down.

Default slide timing—Enter the default time for slides in mm:ss format, and select *OK*.

Allow multimedia reception

Before you can use the multimedia message feature, you must specify whether you want to receive message at all times or only if you are in the service provider's home system. This is a network service. Check with your service provider for more information.

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

Select *Menu > Messaging > Multimedia messages > Message settings > Allow multimedia reception* and one of the following:

Yes—Allow all incoming messages.

Messaging

In home network—Allow incoming messages only if you are in the service provider's home system.

No—Block all incoming messages.

Incoming multimedia messages

To set how your phone retrieves incoming multimedia messages, select *Menu > Messaging > Multimedia messages > Message settings > Incoming multimedia messages* and one of the following:

Retrieve—Sets the phone to automatically retrieve all multimedia messages. When new messages arrive, you are notified that a multimedia message is received. Select *Show* to read the multimedia message or *Exit* to view them in your inbox later.

Retrieve manually—Choose the messages you wish to retrieve. When new messages arrive, you are notified that a multimedia message is available for retrieval. If you select to manually retrieve messages, select *Show* to open the message notification, then *Retrieve*. Select *Exit* to save the notification to your inbox, and retrieve the message later.

Reject—Sets the phone to reject multimedia messages.

Allow or block advertisements

To select whether to allow or block advertisements, select *Menu > Messaging > Multimedia messages > Message settings > Allow advertisements > Yes or No*.

This setting is not available if multimedia reception is blocked.

This is a network service. Check with your service provider for more information.

■ Distribution lists

Distribution lists allow you to send text messages to a designated group of people.

Create distribution lists

1. Select *Menu > Messaging > Distribution lists > New list*.
If you create a second distribution list, select *Menu > Messaging > Distribution lists > Options > Create new list*.
2. Enter a name for the list, and select *OK*.
3. To add a contact to this list, select *Add new*, and add the contacts one by one. A distribution list only contains phone numbers of recipients.

Messaging

Add and remove contacts

To add contacts, select *Menu > Messaging > Distribution lists > the list > Add new*. Add the contacts one by one.

To remove contacts, select *Menu > Messaging > Distribution lists > the list > Options > remove contact name*.

Manage distribution lists

1. Select *Menu > Messaging > Distribution lists*.
2. Lists you have created appear in the display. Scroll to the list you wish to modify; select *Options* and one of the following:
 - Create new list*—Create a new distribution list.
 - Rename list*—Rename the distribution list.
 - Clear list*—Clear the distribution list of all current contacts.
 - Delete list*—Delete the distribution list.

■ Voice messages

If you subscribe to voice mail, your network operator will give you 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 network operator may have already saved your voice mailbox number to your device. Select *OK* to leave the number unchanged.

1. Select *Menu > Messaging > 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*.

Set up 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 > Messaging > 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

Voice mail services vary by network operator. The following instructions are examples of common operations. Please check with your network operator 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 dialing codes

You can insert special characters called dialing codes into phone numbers such as voice mail, and save the number to a 1-touch dialing location.

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

1. Select *Menu > Contacts > 1-touch dialing*.
2. Scroll to an (*empty*) 1-touch dialing slot, and select *Assign*.
3. Enter your mailbox phone number, including the area code.
4. Enter any dialing 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 1-touch dialing key in the standby mode.

Messaging

Insert dialing codes

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

The following dialing codes are available:

*—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, select *Menu > Messaging > Voice messages > Clear voice message icon*.

Browser messages

Browser messaging is a network service. See "Network services," p. 5.

If your network operator supports this feature, you can use the browser to check for e-mail messages. Select *Menu > Messaging > Browser msgs. > Connect*.

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

9. Gallery



You can save pictures, video clips, recordings, music files, and ringing tones to folders in the *Gallery*, and add new folders to the ones already there. You can download images and tones using multimedia messaging, text messaging, mobile internet sites, or Nokia PC Suite.

Your phone supports a digital rights management system to protect content that you have acquired. A piece of 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. The rules are defined in the content activation key that can be delivered with the content or separately, depending on the service provider. You may be able to update these activation keys. 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 forwarded.

Your phone has about 20 MB of memory for storing files in the *Gallery*. This memory is not shared with other functions, such as contacts. If the phone displays a message that the memory is full, delete some existing files before proceeding. You can also use a compatible microSD cards to add memory.



Warning: Use only compatible microSD cards with this device. Other memory cards, such as multimedia cards, do not fit in the microSD card slot and are not compatible with this device. Using an incompatible memory card may damage the memory card as well as the device, and data stored on the incompatible card may be corrupted.

■ Open a folder

Select *Menu* > *Gallery* to view the folder system. The phone folder system includes:

Memory card—If there is a microSD card in the phone, the microSD name is displayed below the signal strength indicator. You can access your microSD card folder system. Select *Open* > *Options* to name the memory card.

Images—By default, camera photos are saved to this folder.

Video clips—By default, camera video clips are saved to this folder.

Music files—By default, music files are saved to this folder.

Themes—A set of themes included with your phone are stored here.

Wallpaper—A set of wallpapers included with your phone are stored here.

Tones—A set of ring tones included with your phone are stored here.

Gallery

Recordings—By default, voice recordings are saved to this folder.

Received files—Files sent directly to your phone are stored here.

Your folders—Folders you create appear after the preset folders.

To open a folder, highlight the folder and select *Open*. Once you open the folder list and highlight a file, you can access the file or the options associated with that specific file type.

■ Gallery options

Select *Menu > Gallery > Options* and one of the following:

Set password—Create a password (1–8 characters) for the microSD card, to protect it against unauthorized use. This option is available only for the microSD card folder.

Change password—Change the microSD card password that you have created. This option is available only for the microSD card folder and if you have created a password.

Delete password—Delete the microSD card password that you have created. This option is available only for the microSD card folder.

Rename mem. card—Enter a name for the microSD card. This option is available only for the microSD card folder.

Format memory card—Delete all files and folders stored on the microSD card. This option is available only for the microSD card folder.

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*, highlight 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—Choose whether to view the folders as a list with details, list only or a grid.

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 phone handset or the microSD card.

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

Mark or Mark all—Mark *Gallery* folders to be moved into another folder. This function only applies to folders you have created.

Other options appear depending on the type of files that exist in the folders.



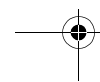
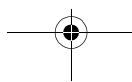
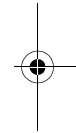
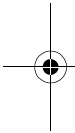
C a t a l o g u e



10. Catalogue



Catalogue is a network service. You can download games, videos, ringing tones, images, and applications. Contact your wireless network operator for more information. See "Network services," p. 5.



O r g a n i z e r

11. Organizer



■ Alarm clock

You can set the phone to alarm at a desired time. Select *Menu > Organizer > Alarm clock*.

To set the alarm, select *Alarm time*, and enter the alarm time. To change the alarm time when the alarm is set, select *On*. To set the phone to alert you on selected days of the week, select *Repeat alarm*.

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

To select the alarm tone or set a radio channel as the alarm tone, select *Alarm tone*. If you select the radio as an alarm tone, connect the headset to the phone. The phone uses the last channel you listened to as the alarm, and the alarm plays through the loudspeaker. If you remove the headset or switch off the phone, the default alarm tone replaces the radio.

To set a snooze time-out, select *Snooze time-out*.

Stop the alarm

To stop the alarm, select *Menu > Organizer > Alarm clock > Alarm time > Off*.

■ Calendar

Select *Menu > Organizer > Calendar*.

The current day is indicated by a frame. If there are any notes set for the day, the day is in bold type. To view the day notes, select *View*. To view a week, select *Options > Week view*. To delete all notes in the calendar, select the month or week view, and select *Options > Delete all notes*.

Other options of the day view may be *Make a note*, *Delete*, *Edit*, *Move*, *Repeat a note*; *Go to date*, *Go to today* or *Go to to-do list*; *Copy* a note to another day; and *Send note* as text message or multimedia message to the calendar on a compatible phone.

To set the date and time settings, select *Settings*. To set the phone to delete old notes automatically after a specified time, select *Settings > Auto-delete notes*.

Make a calendar note

Select *Menu > Organizer > Calendar*. Scroll to the date you want, and select *Options > Make a note* and an option.

A note alarm

The phone beeps and displays the note. With a call note on the display, to call the displayed number, press the call key. To stop the alarm and view the note, select *View*. To stop the alarm for approximately 10 minutes, select *Snooze*. To stop the alarm without viewing the note, select *Exit*.

■ Notes

To use this application for writing and sending notes, select *Menu > Organizer > Notes*. To create a note if no note is added, select *Add*; otherwise, select *Options > Make a note*. Write a note, and select *Save*.

Other options for notes include deleting and editing a note. While editing a note, you can also exit the text editor without saving the changes. You can send the note to the compatible devices using a text message, a multimedia message, Bluetooth technology, or IR. If the note is too long to send as a text message, the phone asks you to delete the appropriate number of characters from your note.

■ To-do list

To save notes for tasks that you must do, select *Menu > Organizer > To-do list*.

To create a note if no note is added, select *Add*; otherwise, select *Options > Add*. Write the note, and select the priority, the deadline, the alarm type for the note, and *Save*.

To view a note, scroll to it, and select *View*. You can also select an option to delete the selected note and delete all the notes that you have marked as done. You can sort the notes by priority or by deadline, send a note to another phone as a text message or a multimedia message, using Bluetooth or IR, save a note as a calendar note, or access the calendar. While viewing a note, you can also select an option to edit the deadline or priority for the note or mark the note as done.

■ Calculator

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

Organizer



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

To perform a calculation, select *Menu > Organizer > Calculator*. When 0 is displayed on the screen, enter the first number in the calculation. Press # for a decimal point. Select *Options > Add, Subtract, Multiply, Divide, Square, Square root, or Change sign*. Enter the second number. For a total, select *Equals*. Repeat this sequence as many times as it is necessary. To start a new calculation, first select and hold *Clear*.

To perform a currency conversion, select *Menu > Organizer > Calculator*. To save the exchange rate, select *Options > Exchange rate*. Select either of the displayed options. Enter the exchange rate, press # for a decimal point, and select *OK*.

The exchange rate remains in the memory until you replace it with another one.

To perform the currency conversion, enter the amount to be converted, and select *Options > To home or To foreign*.



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

Countdown timer

Select *Menu > Organizer > Countd. timer*. Select the timer, enter the alarm time in hours, minutes, and seconds, and select *OK*. If you wish, write your own note text that is displayed when the time expires. To start the countdown timer, select *Start*. To change the countdown timer, select *Change time*. To stop the timer, select *Stop timer*.

If the alarm time is reached when the phone is in the standby mode, the phone sounds a tone and flashes the note text if it is set or *Countdown completed*.

To stop the alarm, press any key. If no key is pressed, the alarm automatically stops within 30 seconds. To stop the alarm and to delete the note text, select *Exit*. To restart the countdown timer, select *Restart*.

Stopwatch

To measure time, take split times, or take lap times, use the stopwatch. During timing, the other functions of the phone can be used. To set the stopwatch timing in the background, press the end key.

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.

Organizer

Select *Menu > Organizer > Stopwatch* and from the following options:

Split timing—Take intermediate times. To start the time observation, select *Start*. Select *Split* each time that you want to take an intermediate time. To stop the time observation, select *Stop*. To save the measured time, select *Save*. To start the time observation again, select *Options > Start*. The new time is added to the previous time. To reset the time without saving it, select *Reset*. To set the stopwatch timing in the background, press the end key.

Lap timing—Take lap times. To set the stopwatch timing in the background, press the end key.

Continue—View the timing that you have set in the background.

Show last time—View the most recently measured time if the stopwatch is not reset.

View times or *Delete times*—View or delete the saved times.

Media

12. Media



■ Camera

You can take photos and record video clips with the built-in camera. The camera produces pictures in JPEG format and video clips in 3GP format. The camera lens is on the back of the phone.

When taking and using images or video clips, obey all laws and respect local customs as well as privacy and legitimate rights of others.

Your device supports image capture resolutions of up to 1600 x 1200 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*, or move photos onto your microSD card. See "MicroSD card," p. 16.

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

Take a photo

Select *Menu > Media > Camera*. To take a photo, select *Capture*. The phone saves the photo in *Images* folder of the *Gallery* menu. To take another photo, select *Back*; to send the photo as a multimedia message, select *Options > Send*. To view other options, select *Options*.

Record a video clip

Select *Menu > Media > Camera > Options > Video*. Select *Record* to begin recording the video clip. Select *Pause* to pause, *Continue* to resume, or *Stop* to stop the recording. The phone saves the video clip in the *Video clips* folder of the *Gallery* menu.

Camera options

Select *Menu > Media > Camera > Options* and from the following:

Still image or *Video*—Choose camera mode to take a picture or record a video.

Mute or *Unmute*—Turn the sound on or off for the video clip. Option only appears when camera is in video mode.

Night mode on or *Night mode off*—Switch the camera night mode on and off.

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

Self-timer on or *Self-timer off*—Turn the self-timer on and off. This option only appears in still image mode.

Media

Img. sequence on or Img. sequence off—Turn image sequencing on or off. The pictures are then saved to the gallery. This option only appears in still image mode.

View previous—View the previous photo or video taken. This option only appears when a photo has been taken during that session.

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

Settings—Change the settings for the phone camera.

Media player

With *Media player* you can download, view, and play compatible images, audio and video files, and animated images from a variety of sources. *Media player* plays streaming videos and 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 wish to use. Service providers will also give you instructions on how to use their services. 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 the *Gallery*, you can play stored audio and video files. See "Gallery," p. 67.

Go to address—Enter the address of a mobile internet service, and select *OK*.

FF/Rew interval—Choose the interval at which a video clip will fast forward or rewind.

Music player

Your phone includes a *Music player* for listening to music or other tracks in MP3 or AAC format. You can transfer files from a PC to your phone using a USB data cable, an infrared, or a Bluetooth wireless technology connection. To transfer music tracks from a compatible PC and manage the music tracks and track lists, see the instructions for the Nokia Audio Manager application in the Nokia PC Suite online help.

Music files stored in the *Music files* folder of the *Gallery* are automatically detected and added to the default playlist. Music files stored elsewhere, such as in a miniSD card folder, must be defined in a track list before you can listen to them.





You can listen to the sound files through a compatible headset or the phone loudspeaker.


You can make or answer a call while using *Music player*. During a call, the playback is paused. When the call ends, *Music player* restarts where it left off.

Media


Play music tracks



In the standby mode, select *Menu > Media > Music player*. If there are no music files in the *Music files* folder, you can select another folder before entering the *Music player*. The details of the first track on the default track list are shown.



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

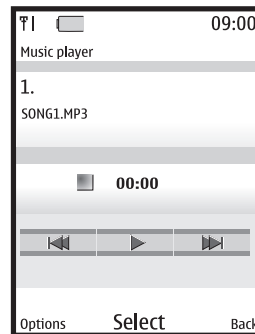
Play track—To play a track, select .


Adjust volume—To adjust the volume level, use either the volume key or the left and right selection keys.

Stop track—To stop the playing, select  or press and hold the end key.

Skip tracks—To skip to the beginning of the next track, select . To skip to the beginning of the previous track, select  twice.

Rewind or fast forward—To rewind the current track, select and hold . To fast forward the current track, select and hold . Release the key at the position you want.



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

Music player options

Select *Music files* or other music folder and *Options* and one of the following:

Play via Bluetooth—Make a connection to an audio enhancement using Bluetooth connectivity.

Show tracks—View all the tracks available on a track list. To play a track, highlight the track, and select *Play*. Select *Options > Send* to send the music file. Select *Options > Refresh all tracks* to refresh the track list (for example, after adding new tracks to the list). Select *Options > Change track list* to change the track list that is shown when you open the *Music player* menu, if several track lists are available in the phone.

Play options—Select *Random* to play the tracks on the track list in random order. Select *Repeat* to play the current track or the entire track list repeatedly.

Media equalizer—The equalizer enhances the sound quality when using a headset (only) with the *Music player* by amplifying or attenuating frequency bands. There are five preset equalizer settings (*Normal*, *Pop*, *Rock*, *Jazz*, and *Classical*) and two customizable settings.

Media

Headset or Loudspeaker—With the headset attached you can toggle between listening to the *Music player* through a headset or the loudspeaker. When using a compatible headset, you can skip to the next track by pressing the headset key quickly. To stop the playing, press and hold the headset key.



Warning: When using the stereo headset your ability to hear outside sounds may be affected. Do not use the stereo headset where it can endanger your safety.

Send—Send music files to a compatible device.

Memory status—View used and free memory of *Handset* and *Memory card*.

Radio

Your phone has an FM radio that also functions as an alarm clock radio. The FM radio depends on an antenna other than the wireless device antenna. A compatible headset or enhancement 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.

Select *Menu > Media > Radio*. To use the graphical keys, ▲, ▼, ◀, or ▶ on the display, scroll left or right to the desired key, and select it. To change the volume, press the volume keys.

Save radio channels

1. To start the channel search, select and hold ◀ or ▶. To change the radio frequency in 0.1 MHz steps, briefly press ◀ or ▶.
2. To save the channel to a memory location 1 to 9, press and hold the corresponding number key. To save a channel to a memory location 10 to 20, briefly press 1 or 2, then press and hold the desired number.
3. Enter the name of the channel, select *OK*.

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. Once the call is ended, the radio switches back on.

Media

Listen to the radio

Connect an enhancement to listen to the radio. See "Enhancements," p. 82. Select *Menu > Media > Radio*. To scroll to the desired channel, select ▲ or ▼, or press the headset key. To select a radio channel location, briefly press the corresponding number keys.

Select *Options* and from the following options:

Turn off—Turn off the radio.

Save station—Enter a name for the channel, and select *OK*. Select one of 20 locations to save the channel location.

Stations—Select from list of current saved channels on your phone. Select *Options > Delete station* to clear channels or *Options > Rename* to rename channels.

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

Headset or *Loudspeaker*—With the headset attached, listen to the radio through a headset or the loudspeaker.

Set frequency—Manually enter the frequency of a known radio station, and select *OK*. You can also press * to set a frequency.

You can normally make a call or answer an incoming call while listening to the radio. During the call, the volume of the radio is muted.

■ Voice recorder

You can record pieces of speech, sound, or an active call for up to 3 minutes. The recorder cannot be used when a data call is active.

Record speech or sound

1. Select *Menu > Media > Voice recorder*.
2. To start the recording, select the record virtual button.
3. To end the recording, select the stop virtual button. The recording is saved in *Gallery > Recordings*.
4. To listen to the latest recording, select *Options > Play last recorded*.
5. To send the last recording using a multimedia message, Bluetooth technology, or IR, select *Options > Send last recorded*.

■ Equalizer

The equalizer enhances the sound quality when using *Music player* by amplifying or attenuating frequency bands. There are five preset equalizer settings (*Normal*, *Pop*, *Rock*, *Jazz*, and *Classical*) and two customizable settings.

Activate an equalizer set

Select *Menu > Media > Equalizer*, scroll to the desired equalizer setting, and select *Activate*. Select *Options > View* to display the equalizer settings.

Create a custom equalizer set

1. Select *Menu > Media > Equalizer*.
2. Highlight a customizable setting, 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 far left bar) to the highest (the far right bar). The higher the indicator on a particular bar, the more that frequency is amplified.
3. Scroll to adjust the frequencies. Select *Save*.
4. To rename the setting, select *Options > Rename*, enter a new name, and select *OK*.
5. To activate the setting, select *Activate*.

Extras

13. Extras



■ Memory card

To manage the content of your microSD card, select *Menu > Extras > Memory card > Options > Type of view, Sort, Application settings, Add folder, Memory status, or Activation key list*.

■ Games

Depending on your service provider, games and other applications may be preloaded on your phone. Select *Menu > Extras > Games* to display the games. Select *Menu > Extras > Games > Options* to manage your games. Select *Options > Memory status* to view the memory available for game installations.

■ Collection

Your phone software includes some Java applications specially designed for this Nokia phone.

Launch an application

Select *Menu > Extras > Collection*. Scroll to an application, and select *Open*.

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.

Leaving applications running in the background increases the demand on battery power and reduces the battery life.



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

Memory status

To view the memory available for application installations, select *Menu > Extras > Collection > Options > Memory status* and an option.

14. PC connectivity

■ PC 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 Bluetooth connectivity. See "Bluetooth connectivity," p. 31.

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 an IR connection. See "Infrared connectivity," p. 34.

Remember to make back-up copies of all important data.



Note: Some features in your phone require network support. Contact your service provider for availability and more information.

■ Nokia PC Suite

Nokia PC Suite software is available for this phone. Nokia PC Suite is a collection of powerful tools that you can use to manage your phone features and data. Each component is a separate program that includes online helps.

Nokia PC Suite software, installation instructions, and other documentation is provided free of charge and can be downloaded from the software downloads of the Nokia web site: www.nokiausa.com/pcsuite.




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

Enhancements

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 the AC-3 or AC-4 charger.

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

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

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 1150 mAh Li-Ion Battery (BL-6C)
- Compact Charger (AC-3)
- Travel Charger (AC-4)
- Compact Travel Charger (AC-5)
- Mobile Charger (DC-4)

USB data cable

- Connectivity Cable (CA-53)

Handsfree

- Easy to Use Car Handsfree (HF-3)
- Wireless Plug-in Car Handsfree (HF-6W)
- Wireless Plug-in Car Handsfree (HF-33W)

Enhancements

Headsets

- Mono Headsets (HDB-4, HS-5, HS-8, HS-9)
- Stereo Headsets (HS-49, HS-3, HS-20, HS-23, HS-31)
- Wireless Mono Headsets (HS-24W, HS-25W, HS-26W, HS-36W, HS-50W, HS-57W, HS-58W)

Miscellaneous

- Inductive Loopset (LPS-4)
- Advanced Car Kit (CK-20W)
- Advance Car Kit P6 Onwards (CK-7Wi)
- Audio Adapter (AD-46)
- Music Stand (MD-1)

Reference information

16. Reference information

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

■ Batteries and chargers

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

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

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

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

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

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

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

Reference information

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

■ Nokia battery authentication guidelines

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

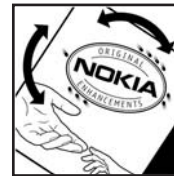
Successful completion of the three steps is not a total assurance of the authenticity of the battery. If you have any reason to believe that your battery is not an authentic original Nokia battery, you should refrain from using it and take it to the nearest authorized Nokia service point or dealer for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

Authenticate hologram

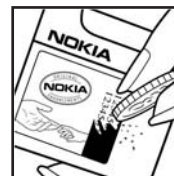
1. When looking at the hologram on the label, you should see the Nokia connecting hands symbol from one angle and the Nokia Original Enhancements logo when looking from another angle.



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



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





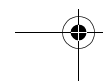
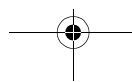
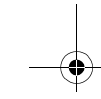
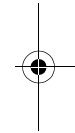
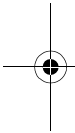
Reference information



What if your battery is not authentic?

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

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



Care and maintenance

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

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

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

Additional safety information

Additional safety information

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

■ Operating environment

Remember to follow any special regulations in force in any area and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 2.2 centimeters (7/8 inch) 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.

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

■ Medical devices

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

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15.3 centimeters (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should:

Additional safety information

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

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

Hearing aids

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

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems, air bag systems. For more information, check with the manufacturer or its representative of your vehicle or any equipment that has been added.

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

Using your device while flying in aircraft is prohibited. Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

Additional safety information

■ Potentially explosive environments

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

■ Emergency calls



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

To make an emergency call:

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

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

When making an emergency call, give all the necessary information as accurately as possible. Your wireless phone may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

Additional safety information

■ Certification information (SAR)

This mobile device meets guidelines for exposure to radio waves.

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

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit set by ICNIRP 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 0.67 W/kg.

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

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use at the ear is 1.13 W/kg and when properly worn on the body is 0.80 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-154.

Additional safety information

■ Technical information

Dimensions—Width 42.8 mm (1.69 inches); length 109 mm (4.29 inches); depth 17.2 mm (0.68 inch)

Weight—105 g (3.8 oz) with BL-6C Li-Ion Battery

Wireless networks—CDMA 800 and 1900 MHz, AMPS, GPS, and Bluetooth wireless technology

Volume—72cc (4.39 inch³)

Frequency range (Tx)—AMPS: 824.04–848.97 MHz; PCS: 1851.25–1908.75 MHz; Cellular: 824.70–848.37 MHz

Frequency range (Rx)—AMPS: 869.04–893.97 MHz; PCS: 1931.25–1988.75 MHz; Cellular: 869.70–893.37 MHz

Bluetooth: 2402.0 – 2480.0 MHz

GPS frequency—1575.42 MHz

■ Battery information

This section provides information about battery charging times with the Compact Charger (AC-3), the Travel Charger (AC-4), 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 1150 mAh Li-Ion battery:

Travel Charger (AC-4): up to 1 hour 45 minutes

Compact Charger (AC-3): up to 3 hours

Talk and standby times

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

Talk time: 3 to 4 hours (digital)

Standby time: 6 to 10 days

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