

# Nokia 6012

## User's Guide

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# For your safety

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



## SWITCH ON SAFELY

Do not switch the 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

Don't use the phone at a refuelling point. Don't use near fuel or chemicals.



## SWITCH OFF NEAR BLASTING

Follow any restrictions. Don't use the phone where blasting is in progress.



## USE SENSIBLY

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



## QUALIFIED SERVICE

Only qualified personnel may install or repair this product.



## ENHANCEMENTS AND BATTERIES

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



## WATER-RESISTANCE

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



## 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 main screen.

Enter the emergency number, then press the **Talk** key. Give your location. Do not end the call until given permission to do so.



# Welcome

Congratulations on your purchase of the Nokia 6012 mobile phone. Your phone provides many functions which are practical for daily use, such as a hands-free loudspeaker, alarm clock, calculator, calendar, and more. Your phone can also connect to a PC, laptop, or other device using a data cable. To personalise your phone, you can set your favorite ring tones or select an Xpress-on™ colour cover.

## About your device

The Nokia 6012 phone described in this guide is approved for use on the CDMA 800 and AMPS networks.

Contact your service provider for more information about networks.

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



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

## Network services

To use the phone you must have service from a wireless service provider. Many of the features in this 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.

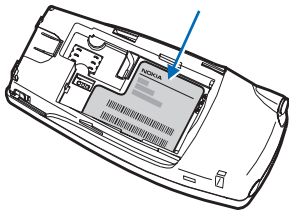
Your service provider may have requested that certain features be disabled or not activated in your device. If so, they will not appear in your device menu. Contact your service provider for more information.

## ■ Shared memory

The following features in this device may share memory: contacts, text messages, images, and tones in gallery, calendar notes, games, and applications. Use of one or more of these features may reduce the memory available for the remaining features sharing memory. Your phone 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 images, tones in gallery, text messages, and applications may have a certain memory specially allotted to them in addition to the memory shared with other features.

## ■ Get help

### Find your phone label



If you need help, Nokia Customer Care is available for assistance. Before calling, we recommend that

you write down the following information and have it available:

- Electronic serial number (ESN)
- Your zip code
- The ESN is found on the type label, which is located beneath the battery on the back of the phone. See Remove the back cover, 6 and Remove the battery, 7 for more information.

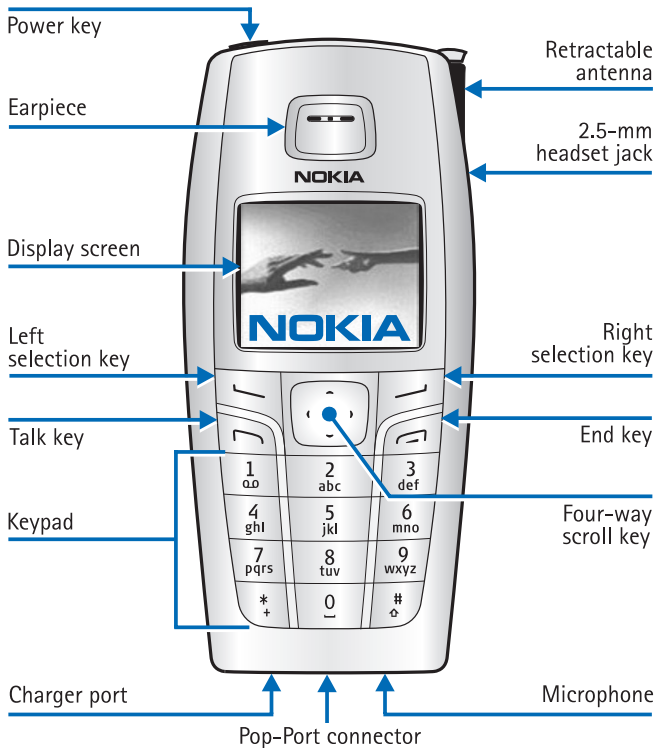
## Care centre contact information

- **Domestic access:**  
3030 3838
- **International access:**  
+91 80 3030 3838
- **Fax Number:**  
+91 80 5115 6092
- **P.O. Box Address:**  
75, Whitefield Post Office,  
Whitefield,  
Bangalore – 560 066 India.

## Updates

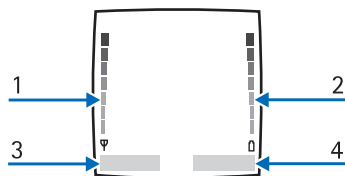
From time to time, Nokia updates this guide to reflect changes. The latest version may be available at [www.nokia-asia.com](http://www.nokia-asia.com).

# 1. Phone at a glance



## ■ The standby mode

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



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

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

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

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

## ■ Quick keys

At the standby mode, the **Four-way scroll** key takes you to frequently accessed menus:

**Scroll up** key—Go to the contacts list.

**Scroll right** key—View the calendar. This key can be set to perform different functions depending on your network service.












**Scroll down** key—Go to the contacts list.

**Scroll left** key—Quickly create a text message.

## ■ Indicators and icons

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

Icon	Indicates...
	You have new text or picture messages. See Text messages, 22.
	You have new voice messages. See Voice messages, 26.
	Your phone keypad is locked. See Keyguard, 13.
	Your phone is set to the silent profile. See Profiles (Menu 3), 35.
	Your phone is on vibrate mode. See Personalise a profile, 35.
	The alarm clock is set to on. See Alarm clock, 58.
	The countdown timer is running. See Countdown timer, 62.

Icon	Indicates...
	The stopwatch timer is running in the background. See Stopwatch, 63.
	Integrated hands-free is active. See Using the loudspeaker, 12.
	The timed profile is selected. See Profiles (Menu 3), 35.
 or  	An enhancement is connected to the phone. See Enhancement settings, 43.
 or 	Voice privacy encryption is active (or is not active) in the network. See Voice privacy, 46
	You are in a digital network. See Network services, ix.
	You are in a 1XRTT network. See Network services, ix.
	You are roaming outside your home network. See Roaming options, 47.

## ■ Get the most out of this guide

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

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

- Press means to press and release a key quickly. For example, press 7 means press the key on the keypad that is labeled with the number 7 and the letters "pqrs".
- Press and hold means to press and hold a key for 2–3 seconds; then release the key.
- Selection keys are used to select a menu option. To select an option, press the selection key below the menu item on the phone screen.
- Scroll keys are used to move up, down, left, or right in the menus.
- Talk and End keys: Press the **Talk** key to place a call or to answer an incoming call. Press the **End** key to end a call or press and hold to return to the idle screen.

## ■ 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 personalise 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.

## The scroll method

1. In the standby mode, select **Menu**, and scroll up and down through the main menus using the **Four-way scroll** key.



As you scroll through the menus, the menu number appears in the upper right corner of the display. Below the number is a scroll bar with a tab that moves up or down on the right side of the display screen as you scroll through the menus, providing a visual representation of your current position in the menu structure.

2. When you arrive at a menu, press **Select** (the **Left selection** key) to enter submenus.
  - Press **Back** (the **Right selection** key) to return to the previous menu.

- Press the **End** key to return to the start screen from any menu or submenu.

## Shortcuts

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

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

For example, to select the **Meeting** profile, select **Menu** 3-3-1 from the start screen (**Menu** > 3**Profiles** > 3**Meeting** > 1**Activate**). After a brief pause, the **Meeting** profile is activated.

## In-phone help

Many features have brief descriptions (help text) which can be viewed on the display. To view these descriptions, scroll to a feature, and wait for about 10 seconds. Press **More** to view all of the description, or press **Back** to exit.

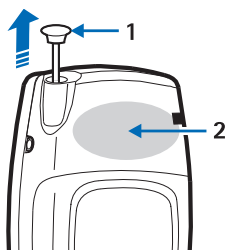
In order to view the descriptions, you must first activate help text.

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

## 2. Set up your phone

### ■ Antenna

Your phone has two antennas:

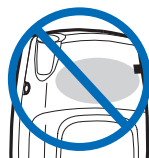


- The retractable antenna is active when fully extended (1).
- The internal antenna is always active (2).

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



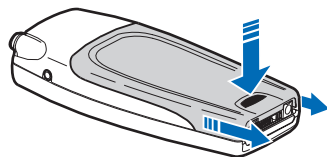
**Note:** As with any other radio transmitting device, do not touch the antenna unnecessarily when the device is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed. Avoiding contact with the antenna area when operating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



### ■ Battery

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

### Remove the back cover

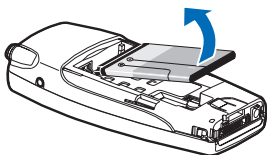


1. With the back of the phone facing you, push down on the back cover release button.



- Slide the back cover toward the bottom of the phone and remove.

## Remove the battery



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

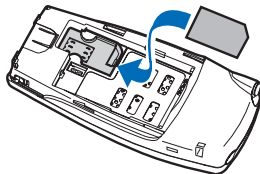
## Install the UIM card

The user identity module (UIM), also called the CDMA subscriber identity module (SIM), card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting, or removing the card.

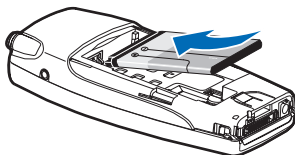
Before installing the UIM card, always make sure that the phone is switched off and that you have removed the cover and battery.

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

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



## • Replace the battery

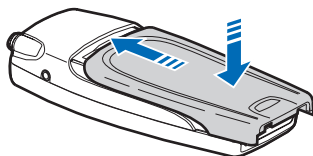


- Position the battery so the positive and negative indicators on the battery match up with the positive and negative indicators on the phone.

The battery label should be facing away from the phone.

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

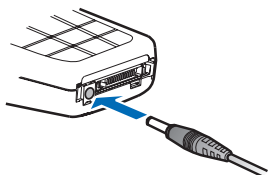
## Replace the back cover



Slide the back cover toward the top of the phone until the back cover is securely in place.

## Charge the battery

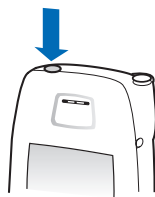
1. Plug the charger into a standard ac outlet.
2. Insert the charger output plug



into the round jack at the bottom end of the phone.

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


## Turn your phone on or off

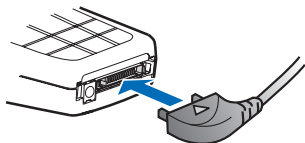


1. To turn your phone on or off, press and hold the **Power** key on top of the phone for at least 3 seconds.
2. Enter the security code, or PIN code, if necessary, and press **OK**.

## Connect the headset

A compatible headset, such as HS-5, may be purchased with your phone or separately as an enhancement. (See Enhancements, 67 for information.)

1. Plug the headset connector into the Pop-Port™ connector at the bottom end of your phone. The  icon appears on the start screen.



## 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 Talk key to place a call.
- Press the End key to end a call.

You can also plug a compatible headset into the 2.5mm headset jack on the side of your phone to allow hands-free operation. (See Enhancements, 67 for information.)

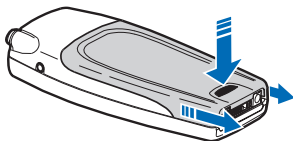
## ■ Change the Xpress-on™ covers



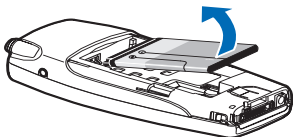
**Note:** Before removing the cover, always switch off the power, and disconnect the charger and any other device. Avoid touching electronic components while changing the covers. Always store and use the device with the covers attached.

## Remove the back cover

With the back of the phone facing you, push down on the back cover release button, and slide the back cover toward the bottom of the phone.

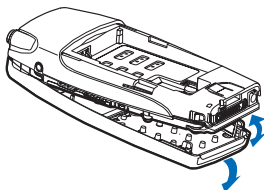


## Remove the battery



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

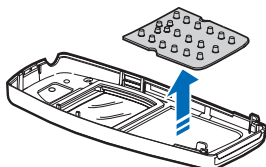
## Remove the front cover



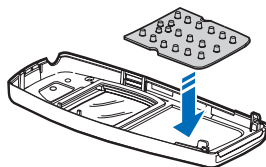
Gently pull the bottom of the front cover away from the rest of the phone.

## Install the keymat and front cover

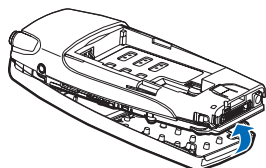
1. Remove the keymat from the old front cover.



2. Place the keymat into the new front cover.

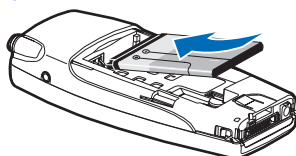


3. Press the front cover and keymat against the phone, and snap the front cover into place.



**Warning:** Always replace the front cover before replacing the battery and the back cover. Replacing the back cover first may cause damage to your phone.

## Replace the battery

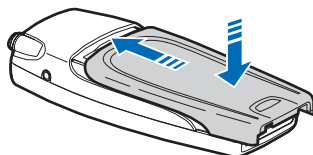


1. Position the battery so the positive and negative indicators on the battery match up with the positive and negative indicators on the phone.

The battery label should be facing away from the phone.

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

## Replace the back cover



1. Verify that the front cover and battery have already been replaced.
2. Slide the back cover toward the top of the phone until the back cover is securely in place.

## ■ Make a call



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

## Using the keypad

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

## Using the contacts list

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

## Using the last dialled number

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

## Conference calling

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

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

The first participant is put on hold.

5. When the second participant picks up, press the **Talk** key to connect the calls.
6. To end the conference call, press *Options* > *End all calls*, or press the **End** key.

## ■ Answer calls

### Answer or silence/reject an incoming call

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

## Answer a call with the keypad locked

To answer a call with the keypad locked, simply press the **Talk** key. During the call, all features function as normal. When you end or silence/reject the call, the keypad automatically locks again. See **Keyguard**, 13 for details.

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

## Adjust the earpiece volume

While in a call, scroll right or left to adjust the volume of the earpiece.

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

## Using the loudspeaker

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

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

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

## Options during a call

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

1. Press **Options** during a call to display the following options:

**Mute/Unmute**—Silence your end of the call.

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

**New call**—Initiate a conference call. See **Conference calling**, 11 for information.

**Save**—Save the number you dialled to your contacts list.

**Add to name**—Save the number you dialled to a contact already in the contacts list.

**End all calls**—Disconnect from all active calls.

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

**Contacts**—View the contacts list.

**Menu**—View the phone menu.

2. Scroll to an option, and press **Select** to activate the option or enter its submenu.

## ■ Keyguard

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

When the keyguard is on, calls still may be possible to the official emergency number programmed into your phone. Key in the emergency number, and press the Talk key.

### Lock the keypad

Select *Menu*; then press \* within 2 seconds.

### Unlock the keypad

Select *Unlock*; then press \* within two seconds.

## 3. Text entry


You can use two methods for entering text and numbers:


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


### ■ Standard mode

- **Text (Abc)**
- Press **Clear** to backspace the cursor and delete a character.
- Press and hold **Clear** to backspace continuously and delete characters.
- Press a key once to insert the first letter on the key, twice for the second letter, etc. If you pause briefly, the last letter in the display is accepted, and your phone awaits the next entry.
- Press **0** to enter a space, thereby accepting a completed word.
- Press **1** as many times as necessary to scroll through a list of commonly used characters.
- Press **\*** to display a complete list of special characters.
- Press **#** to switch predictive text on or off and to use predictive

text in various modes. As you press **#**, the following icons (not the descriptions) appear in the upper left of the display screen:

 **Uppercase text:**  
standard mode is on.

 **Lowercase text:**  
standard mode is on.

 **Sentence case text:**  
standard mode is on.

### Numbers (123)

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



**Note:** In text modes (Abc, abc, ABC and predictive text), you can also enter the number by long press of the key.

### Punctuation and special characters

While at any text entry screen, press **\*** to display special characters (press and hold **\*** if predictive text is on). Press **\*** again to cycle through all available characters. You can navigate through the list of special characters by using the **Four-way**



scroll key. Once a character is highlighted, press *Insert* to insert the character into your message.

## Predictive text input

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

### Activate/deactivate

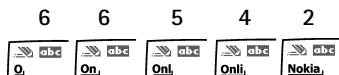
At any text entry screen, press and hold *Options*. Dictionary is turned on and off, depending on its previous mode.

OR

1. At any text entry screen, select *Options* > *Dictionary*.
2. Scroll to the language of your choice, and press *Select*.

### Text entry

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



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

Lowercase text: predictive text is on.

Uppercase text: predictive text is on.

## 4. Contacts list

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

You can save contacts in phone's memory and on UIM card.

### ■ Add new contacts

#### Save a name and number

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

#### Save (only) a number

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

#### Save an entry

1. In the standby mode, select *Contacts* > *Add contact*.
2. Enter the name, and press *OK*.

3. Enter the phone number, and press *OK* > *Done*.

### Save multiple numbers and text items

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

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

If you selected *Add number*, select *General*, *Mobile*, *Home*, *Office*, or *Fax*.

If you selected *Add detail*, select *E-mail*, *Web address*, *Postal addr.*, or *Note*.

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

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

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

## Copy contacts between UIM card and phone

You can copy the contacts from UIM card to phone memory and vice versa. You can copy the contacts one at a time or all at once.

## Memory in use for contacts list

You can select phone memory and UIM memory to store all contacts. You can also choose either phone memory or UIM card as your default memory for contacts.

## Set up voice tags

For more information on setting up voice tags and other voice features, see Voice (Menu 7), 52.

## Caller groups

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

identify callers from the group by their unique ringing tone or graphic.

## Setup a group

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

## Options

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

## Set up speed dialling

You can associate any entry in the contacts list with a key from 2–9; then dial those entries by pressing and holding the assigned key. See Speed dialling, 36 to activate or deactivate speed dialling.

### Assign a key to speed dialling

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

4. Enter a name for the number, and press *OK*.

If speed dialling is off, the phone displays a prompt asking if you would like to turn speed dialling on.

5. Press *Yes* to activate speed dialling.

### Change speed dialling numbers

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

## Delete speed dialling numbers

1. In the standby mode, select *Contacts > Speed dials*.
2. Scroll to the speed dialling location you wish to delete, and press *Options*.
3. Select *Delete > OK*.

## Edit contacts list entries

1. Scroll to highlight the entry you would like to edit, and press *Details*.
2. Scroll to the phone number or detail you wish to edit, and press *Options*.
3. Select one of the following options:

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

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

*Delete number*—Delete a phone number from the contact.

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

*Use number*—Edit the number and associate a name with the number.

*View*—View the details of the contact.

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

type to *E-mail*, *Web address*, *Postal addr.*, or *Note*

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

*Add number*—Add a number to the contact.

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

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

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

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

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

*Speed dial*—Add the contact to your speed dialling list.

*Edit name*—Edit the name of the contact.

*View name*—View the name of the contact.

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

4. Edit the option to your preference, and press *OK*.

## ■ Delete contacts list entries

1. At the standby mode, select *Contacts* > *Delete*.
2. To delete individual entries, select *One by one*.

3. Scroll to the entry you wish to delete, press *Delete* > *OK* to confirm.
4. To delete the entire contents of your contacts list, select *Delete all*.
5. Select *Phone* or *UIM card*, press *Delete* > *OK* to confirm.
6. Enter the security code, and press *OK*. (See Security code, 46 for more information.)

## ■ View the contacts list

1. In the standby mode, select *Contacts*. The following options are displayed:

*Search*—Find a name or select from a list.

*Add new*—Add a contact to your contacts list.

*Edit name*—Edit an existing name.

*Delete*—Delete a name and its associated numbers.

*Copy*—Copy a number from the phone to UIM card or from the UIM card to the phone.

*Add number*—Add a number to an existing name.

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

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

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

**My numbers**—View your own phone number.

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

2. Scroll to an item, and press **Select** to activate the feature or enter its submenu.

## Search for a name

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

## Configure settings

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

1. In the standby mode, select **Contacts** > **Settings**.

2. Select one of the following options:

**Memory in use**—Select *Phone and UIM*, *Phone* or *UIM card*.

**Scrolling view**—Select *Name list*, or *Name and no.* view.

**Memory status**—View the amount of memory used as well as the amount of memory available on your phone and the UIM card.



**Note:** For more information on used and available memory, see Shared memory, x.

## Send and receive contacts (business cards)

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

## Send a business card

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

1. Highlight the entry from the contacts list that you wish to send, and select **Details** > **Options** > **Send bus. card** > **Via text msg.** > **Default number** or **All details**.



**Note:** The *Default number* or *All details* options appear only if you have more than one number or detail saved to the contact entry.

2. Enter the number for your recipient, or press *Search* to retrieve a number from your contacts list.
3. Press *OK* and the business card is sent.

## 5. Messages (Menu 1)



If you have subscribed to a messaging service through your wireless provider, you can send and receive text messages to compatible phones that also subscribe to a compatible message service. You may also be able to attach and send predefined images from the *Templates* folder.

Composed messages can be up to 160 characters in length. Using special (Unicode) characters take up more space. If there are special characters in your message, the indicator may not show the message length correctly. Before the message is sent, the phone tells you if the message exceeds the maximum length allowed for one message. To cancel sending, press *Cancel*, or save the message in the inbox.



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

messaging services, check with your service provider.

### ■ Text messages

#### Write and send

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Create message* > *Add number* or *Add e-mail*.

To go quickly to the *Create message* display, scroll left from the start screen.

2. Enter the recipient's phone number; or e-mail address, or press *Search* to retrieve a number from your contacts list, and press *OK*.
3. Repeat step 2 to add more recipients, and press *OK*.
4. Select *Options* > *Edit message*.
5. Compose a message using the keypad, and select *Options* > *Send*.

#### Options

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



**Send**—Send the message to recipient.

**List recipients**—View the list of recipients for the message.

**Settings**—Set the priority of the message.

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

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

**Exit editor**—Exits the message editor.

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

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

**Use template**—Insert a predefined template into your message.

**Insert picture**—Insert a picture template.



**Note:** If a picture template is inserted, you will be given the additional options to preview, change picture and delete picture. Picture message cannot be sent to an e-mail address.

**Edit word/Insert word**—Enter or edit the text of a new word that might not appear in the predictive text dictionary.

**Insert symbol**—Insert a special character into your message.

**Dictionary**—Choose a predictive text language and turn predictive text on or off.

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

## Templates

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

1. In the standby mode, select **Menu** > **Messages** > **Text messages** > **Create message** > **Add number** or **Add e-mail**.
2. Enter the recipient's phone number; or e-mail address, or press **Search** to retrieve a number from your contacts list, and press **OK**.
3. Repeat step 2 to add more recipients, and press **OK**.
4. Select **Options** > **Edit message** > **Options** > **Use template**.
5. Scroll to one of the available templates, and press **Select**.
6. Enter the text into your new message, and select **Options** > **Send**.

## Read and reply

When you receive a message, a notification message and the

unopened letter icon (✉) appear in the display.

1. Press *Show* to read the message, or *Exit* to move it to your inbox.

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

Scroll up and down to view the whole message if necessary.

2. Select *Options* > *Reply*.
3. Select a *Start reply with* option, then compose your reply using the keypad.
4. Select *Options* > *Send*.

## Options

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

*Delete*—Discard the message.

*Save message*—Save the message to a folder.

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

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

*Resend*—Send the message again.

*Save*—Save the message to a folder.

*Forward*—Forward the message to another phone number.

*Rename*—Edit the title of the message.

## Change sending options

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

## Change message settings

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

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

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

## ■ Picture messages

Picture messaging is a network service. If your wireless service provider supports this feature, your phone comes with five preloaded pictures. You can, however, over-write any of the five pictures that come with your phone. Pictures can be attached to a message and sent using text messaging to compatible phones or PCs. Picture messages behave the same as text messages, but pictures take up more space than text. Pictures are stored in the *Templates* folder at *Menu > Messages > Text messages > Templates*.



**Note:** Picture message function can be used only if it is supported by your network operator or service provider. Only compatible devices that offer picture message feature can receive and display picture messages. Picture messages cannot be sent to an e-mail address.

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

## Write and send

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

1. At the standby screen, select *Menu > Messages > Text messages > Create message > Text > Add number* and press *Select*.
2. Enter the recipient's phone number, or press *Search* to retrieve a number from your contacts list, and press *OK*.
3. Press *Options* and scroll to *Edit message* and press *Select*.

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

4. Compose a message using the keypad (or enter nothing if you choose to just send a picture) and press *Options*.
5. Select *Insert picture*.
6. Scroll down through the pictures, and press *View*.
7. Press *Insert* to insert the picture into your message, otherwise press *Back*, scroll to another picture, and press *View* again.

- To send the picture message, press **Options**, scroll to **Send**, and press **Select**.




**Note:** Picture images are not saved in Sent items folder. Pictures can only be received via SMS.

## Preview/Change/Delete


- After a picture has been inserted into your message, press **Options** at the message edit screen.
- Select one of the following options.
  - Preview** — Previews the inserted message before sending. Press **Back** to return to the list of options.
  - Change picture** — Takes you back to the picture list. Scroll to highlight a new picture, press **View**, then **Insert** to replace the previous picture in your message.
  - Delete picture** — Press **OK** to delete the picture from your message, or press **Back** to return to the list of options.

## View a picture message

When you receive a picture message, the message icon (  ) appears in the display.

- Press **Show** to view the picture message, or press **Exit** to move it to your inbox.
- If you have more than one picture message, scroll to the message of

your choice, and press **Select** to view the message.

When you have unopened picture messages in your inbox,  is shown in the upper left corner of the standby screen as a reminder.

- Scroll to view the whole picture if necessary.
- Once you are finished, press **Back** to move the picture message to the Inbox or press **Options** for other choices such as **Reply** or **Forward**.

If you would like to save the picture to your Templates folder for later use, press **Options** > **Save picture** > **Select**. You can enter a title for the picture, and press **OK**.



**Note:** If your templates folder is full of pictures, scroll to the picture you would like to replace and press **Select**.

## Voice messages

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

## Save voice mailbox number

Your wireless provider may have already saved your voice mailbox number to your phone. If so, the number will appear in the display in step 1. Press **OK** to leave the number unchanged.

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

Enter the lock code, and press **OK**.

See Security code, 46 for more information.

The **Voice mailbox number** screen appears in the display.

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

## Call and setup your voice mail

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

## Listen to your voice messages

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

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

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

## Automate voice mail

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



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

### Write down voice mailbox number and process

1. Write down your voice mailbox number.
2. Call and check your voice mail as you normally would.
3. Write down your interaction with the recorded prompts step-by-step. Keep in mind that each voice mail service may vary. However, it should look something like this:  
Dial 2145551212, pause 5 seconds, press 1, pause 2 seconds, press 1234, press #.

Be precise; you will need this information in Setup voice mail with dialling codes, 28.

### Insert dialling codes

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

The following dialling codes are available:

- \*—Bypasses a set of instructions.
- +—International access.
- p—Pauses for 2.5 seconds before sending any numbers that follow.
- w—Waits for you to press the Talk key before sending the numbers or codes that follow.

### Setup voice mail with dialling codes

1. In the standby mode, select [Contacts > Speed dial](#).
2. Scroll to an [\(empty\)](#) speed dialling slot and press [Assign](#).
3. Enter your voice mailbox number, including the area code.
4. Refer to dialling codes and enter any codes as necessary using the information that you wrote down from Setup voice mail with dialling codes, 28.

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

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

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

## ■ Minibrowser messages

Minibrowser messaging is a network service. See Network services, ix for more information.

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

See Minibrowser (Menu 8), 55 for more information on using the Minibrowser in your phone to access web pages.

## ■ Message folders

### Save messages to folders

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

1. Open the received message or create a new message, and press *Options*.
2. Select *Save message > Sent items, Templates, Archive*, or a folder you have created on your own.

### View saved messages

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

*Inbox*—Messages are automatically stored in this folder after they have been read or if you press *Back* when the message notification appears on the start screen.

*Sent items*—Messages that have been sent are automatically stored in this folder.

*Archive*—Store messages that have been read and that you want to keep in this folder.

*Templates*—Pictures and prewritten templates are stored in this folder. Preloaded templates can be edited and personalised.

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

3. Once the folder opens, scroll to the message you wish to view, and press *Select*.

## ■ Delete messages

If your message memory is full and you have more messages waiting at the network, *No space for new*

*messages* appears on the start screen. You can do the following:

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

## A single message

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

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

## All messages in a folder

1. In the standby mode, select *Menu* > *Messages* > *Text messages* > *Delete messages*.
2. Scroll to the folder containing the messages you wish to delete, and press *Select*:

*All*—Deletes all messages in all of the folders.

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

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

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

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

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

3. Press *OK* to empty the folder.



**Note:** Only folders created in *My folders* can be deleted.

The *Inbox*, *Sent items*, *Archive*, and *Templates* folders are protected. When you delete a folder, all messages in the folder are also deleted.



## 6. Call register (Menu 2)



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

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

**Time of call**—Display the date and time of the call.

**Send message**—Send a message to the number.

**View number**—Display the number.

**Use number**—Edit the number and associate a name with the number.

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

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

**Delete**—Clear the number from memory.

**Call**—Call the number.

### ■ View missed calls



**Note:** The missed calls feature does not function

when your phone is switched off.

Missed calls are calls that were never answered.

1. If the message notification display appears in the display, press **List**.
2. When the phone number appears in the display, press **Options**.
3. Scroll to an option, and press **Select** to activate the option.  
OR

1. In the standby mode, select **Menu** > **Call register** > **Missed calls**.
2. Scroll to a name or number, and press **Options**.
3. Scroll to an option, and press **Select** to view or activate the option.

### ■ View received calls

Received calls are calls that have been answered.

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

## ■ View dialled numbers

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

1. In the standby mode, press the **Talk** key.

OR

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

2. Scroll to a name or number, and press *Options*.
3. Scroll to an option, and press *Select* to view or activate the option.

## Time of Call

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

1. While viewing a missed or received call, select *Options* > *Time of call*.
2. Scroll to view the most recent call times from this number; press *Back* to return to the options list.

## ■ Delete call registers

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

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

## ■ View duration of calls



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

## Last call

1. To view the duration of the last call, in the standby mode, select *Menu* > *Call register* > *Call duration* > *Last call duration*.
2. To activate the call timer on the start screen while in a call, select *Details* > *Show time of call on display* > *On* or *Off*.

## Dialled calls

1. To view the duration of all dialled calls, in the standby mode, select *Menu* > *Call register* > *Call duration* > *Duration of dialled calls*.
2. To view the duration of dialled calls placed while in the home network or while roaming, select *Details* > *Home* or *Roaming*.

## Received calls

1. To view the duration of all received calls, in the standby mode, select *Menu* > *Call register* > *Call duration* > *Duration of received calls* for more information.
2. To view the duration of received calls placed while in the home network or while roaming, select *Details* > *Home* or *Roaming*.

## All calls

In the standby mode, select *Menu* > *Call register* > *Call duration* > *Duration of all calls*.

## Life timer

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



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

## Clear timers

1. In the standby mode, select *Menu* > *Call register* > *Call duration* > *Clear timers* > *OK*.
2. Enter your security code, and press *OK*. See Security code, 46 for more information.



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

## View duration of data/fax calls

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



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

1. In the standby mode, select *Menu* > *Call register* > *Data/fax calls*.
2. Scroll to one of the following options:
  - Last sent data/fax*—View the size (KB) of the last sent data/fax call.
  - Last received data/fax*—View the size (KB) of the last received data/fax call.
  - All sent data/fax*—View the size (KB) of all sent data and fax calls.
  - All received data/fax*—View the size (KB) of all received data and fax calls.
  - Duration of last data/fax call*—View the duration time of the last data or fax call.

*Duration of all data/fax calls*—

View the duration time of all calls.

*Clear all data/fax registers*—Press **OK** > **Yes** to clear all data/fax registers.

## ■ View duration of minibrowser

Minibrowser is a network service. See Network services, ix 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.



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

1. In the standby mode, select **Menu** > **Call register** > **Minibrowser calls**.
2. Scroll to one of the following options:

*Last sent browser data*—View the size (KB) of the last send browser data.

*Last received browser data*—View the size (KB) of the last received data.

*All sent browser data*—View the size (KB) of all sent browser data.

*All received browser data*—View the size (KB) of all received browser data.

*Last browser session*—View the duration time of the last browser session.

*All browser sessions*—View the duration time of all browser sessions.

*Clear all browser registers*—Press **OK** > **Yes** to clear all browser registers.

## 7. Profiles (Menu 3)



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

Profiles are also available for enhancements such as a headset and car kit. See Enhancement settings, 43 for more information about enhancement profiles.

### ■ Activate

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

### ■ Personalise a profile

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

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

4. Select the option you want to personalise (*Incoming call alert*, *Ringing tone*, *Ringing volume*, *Vibrating alert*, *Message alert tone*, *Keypad tones*, *Warning tones*, *Alert for*, or *Profile name*).



**Note:** You cannot rename the *General* profile.

### ■ Set a timed profile

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



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

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

## 8. Settings (Menu 4)



Use this menu to change the time and date settings, call settings, phone settings, display settings, tone settings, enhancement settings, security settings, system settings, network services, and to restore the factory settings.

### ■ Call settings

#### Anykey answer

Anykey answer allows you to answer an incoming call by briefly pressing any key except the **Power** key, **Right selection** key, or **End** key.

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

#### Automatic redial

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

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

#### International prefix

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

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

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

#### Speed dialling

You can activate or deactivate speed dialling. In the standby mode, select *Menu > Settings > Call settings > Speed dialling > On* or *Off*. For more information on entering speed dialling numbers, see Set up speed dialling, 18.

## Minibrowser confirmation

You can give confirmation when you connect or disconnect from the minibrowser.

1. In the standby mode, select *Menu* > *Settings* > *Call settings* > *Minibrowser confirmation*.

2. Scroll to one of the following options, and press *Select*:

*None*—The phone will not ask for confirmation before connecting or disconnecting from the minibrowser.

*On connection*—Your phone asks for confirmation before connecting to the minibrowser.

*On exit*—Your phone asks for confirmation before disconnecting from the minibrowser.

*Both*—Your phone asks for confirmation before connecting or disconnecting from the minibrowser.

## Calling cards

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



**Note:** Contact your calling card company for more information.

## Save information

1. In the standby mode, select *Menu* > *Settings* > *Call settings* > *Calling card*.

2. Enter your security code, and press *OK*. See Security code, 46 for more information.

3. Scroll to one of the four card memory locations, and select *Options* > *Edit* > *OK* > *Dialling sequence*.

4. Select one of the following sequence types:

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

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

*Prefix+ phone no.+ card no.*—Dial the prefix (numbers that must precede the phone number) and phone number you want to dial, then card number (+ PIN if required)

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

## Make calls

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

1. In the standby mode, select *Menu* > *Settings* > *Call settings* > *Calling card*.
2. Enter your security code, and press *OK*. See Security code, 46 for more information.
3. Scroll to the calling card of your choice, select *Options* > *Select* > *OK*.
4. Press the **End** key to return to the start screen; then enter the phone number, including any prefix (such as 0 or 1) that your calling card may require when you make a calling card call.  
See your calling card for instructions.
5. Press and hold the **Talk** key for a few seconds until *Card call* is displayed.
6. When you hear the tone or system message, press *OK*.

## Receive data or fax calls

Data or fax calls is a network service. See Network services, ix for more information.

If your wireless service provider supports this feature, you can set up the phone to send or receive data or

fax calls when a terminal, such as a PDA or PC, is connected.

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



**Note:** For more information on connectivity, refer to the PC/PDA Connectivity Guide. The PC/PDA Connectivity Guide can be downloaded from the Nokia website at <http://www.nokia-asia.com>.

1. In the standby mode, select *Menu* > *Settings* > *Call settings* > *Data/fax calls* > *Incoming data/fax call*.
2. Select one of the following options:  
*Normal*—The phone receives incoming calls as usual.  
*Data calls only*—The phone receives only data calls.  
*Fax calls only*—The phone receives only fax calls.
3. When you are finished receiving the fax or data call, repeat Steps 1 and 2 and select *Normal*.

## Data transfer

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



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

## Call summary

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

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

## Phone settings

### Phone language

1. In the standby mode, select *Menu* > *Settings* > *Phone settings* > *Phone language*.

2. Scroll to the language of your choice, and press *Select*.

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

### Automatic keypad

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

1. In the standby mode, select *Menu* > *Settings* > *Phone settings* > *Automatic keypad* > *On* or *Off*.

2. If you selected *On*, *Set delay* appears in the display.

3. Enter the delay (in minutes and seconds), and press *OK*.



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

### DTMF tones

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

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

### Set type

1. In the standby mode, select *Menu* > *Settings* > *Phone settings* > *DTMF tones* > *Manual DTMF tones*.

2. Select one of the following options:

*Continuous*—The tone sounds for as long as you press and hold a key.

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

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

## Set length

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

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

## Welcome note

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



**Note:** Predictive text input is not available for entering welcome note text.

1. In the standby mode, select *Menu > Settings > Phone settings > Welcome note*.
  2. Enter a note (up to 44 characters).  
Press \* to display and select from available special characters.
  3. When you are finished, select *Options > Save*.
- OR

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

## Confirm UIM service actions

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

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

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

## Help text

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

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

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

## ■ Time settings

### Time

#### Show/hide the clock

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

#### Set the time

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

#### Change the format

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

### Date

#### Show/hide the date

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

#### Set the date

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

#### Change the date format

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

#### Set the auto-update of date and time

Auto-update is a network service. See Network services, ix for more information.

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

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

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

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

## ■ Display settings

### Wallpaper

You can set your phone to display a background picture (wallpaper) on the start screen.

1. In the standby mode, select *Menu* > *Settings* > *Display settings* > *Wallpaper* > *Select wallpaper*.
2. Highlight the *Graphics* folder, and press *Open*.
3. Browse the folder.
4. When you arrive at the image of your choice, select *Options* > *Set as wallpaper*.

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

### Colour scheme

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

1. In the standby mode, select *Menu* > *Settings* > *Display settings* > *Colour schemes*.

2. Scroll to the colour scheme of your choice, and press *Select*.

### Banner

Banner is a network service. See Network services, ix for more information.

If your wireless service provider supports this feature, you can choose whether the display shows the operator logo when the phone is in the idle state.

In the standby mode, select *Menu* > *Settings* > *Display settings* > *Banner* > *Default* or *Personalise*.

### Screen saver timeout

If you have turned the screen saver on, the screen saver is activated when no function of the phone is used after a preset period of time. Press any key to deactivate the screen saver. You can set your phone to display a screen saver after a preset time or after a custom time (up to 60 minutes) of your choosing.

1. In the standby mode, select *Menu* > *Settings* > *Display settings* > *Screen saver timeout*.
2. Scroll to the option of your choice and press *Select*.
3. If you want to set a custom time (up to 60 minutes), select *Other*, enter the custom time, and press *OK*.

## Display brightness

You can change the brightness of your phone display.

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

## Tone settings

From this menu, you can adjust the ringing volume, keypad tones, and other tone settings for the currently active profile. See Personalise a profile, 35 for more information on profile settings.

## Enhancement settings

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

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

### Headset

Scroll to the option of your choice, and press *Select* to enter the submenu and modify its settings.

*Default profile*—Choose the profile you wish to be automatically

activated when a headset is connected

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

### Handsfree

Scroll to the option of your choice, and press *Select* to enter the submenu and modify its settings.

*Default profile*—Choose the profile you wish to be automatically activated when your phone is connected to a car kit.

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

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

### Loopset

The LPS-4 Loopset (for use with T-coil equipped hearing aids) is recommended for use with your phone. Scroll to the option of your choice, and press *Select* to enter the submenu and modify its settings.

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

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

## Charger

Scroll to the option of your choice, and press *Select* to enter the submenu and modify its settings.

**Default profile**—Choose the profile you wish to be automatically activated when your phone is connected to the charger.

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

## Security settings

If your wireless service provider supports these features, you may be able to change certain security settings in your phone such as PIN code request, restricting calls, security level, change PIN code or security code, and voice privacy.

### PIN code

The PIN code protects the UIM card from unauthorized access. The PIN code is 4 digits in length. After three successive incorrect entries the PIN code is blocked and you will be asked to enter the personal unblocking key (PUK) code. See Personal unblocking

key (PUK) code, 45 for more information.



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

### PIN code request

Enable your phone to request the PIN code when powered on. This provides extra security in case your phone is lost or stolen.

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

### Change PIN code

Before you can change your PIN code, you will need to enable PIN code request. See PIN code request, 44.

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

## Personal unblocking key (PUK) code

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



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

## Call restrictions

Call restriction is a network service. See Network services, ix for more information.

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



**Note:** Contact your service provider for the restriction password.

- At the standby mode, select *Menu > Settings > Security settings > Call restrictions*.
- Enter the security code and press *OK*. (See Security code, 46 for more information.)
- Select the type of calls you wish to restrict:
  - Restrict outgoing calls*—Calls cannot be made.
  - Restrict incoming calls*—Calls cannot be received.
- Scroll to an option (*Select*, *Add restriction*, *Edit*, or *Delete*), and press *Select*.

## Security level

The security level determines your access to features when a "non-owner" UIM card is used. A "non-owner" UIM card is one (other than the original) that is inserted after you power off the phone.

## Set up security level

- At the standby screen, select *Menu > Settings > Security settings > Security level*, and press *Select*.
- Enter the security code and press *OK*.
- Scroll to *None*, *Memory*, or *Phone* and press *Select*.
  - None*—Owner and Non-owner cards are treated the same.
  - Memory*—Non-owner cards can access UIM memory. Any changes to the memory setting requires the security code. The owner card has access to all features, but the security code is

required to change a memory setting

**Phone**—The security code is required upon power-up.

4. A message appears in the display confirming your selection.

## Security code



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

The security code controls access to security features in the **Security settings** menu. The preset code is 12345. Once you change the security code, keep the new code secret and in a safe place separate from your phone.



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

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

4. Enter the new security code again, and press **OK**.

## Voice privacy

Voice privacy is a network service. See Network services, ix for more information. 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.

At the standby mode, select **Menu > Settings > Security settings**.

Select **Voice privacy > On** or **Off**.

## Network

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

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



## Roaming options

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

1. In the standby mode, select *Menu* > *Settings* > *Network* > *Roaming options*.

2. Select one of the following options:

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

*Automatic*—The phone automatically searches for service in another digital network. If one is not found, the phone uses analog service. The roaming rate applies when not in the home service area.

3. Press *OK*, if necessary, to confirm the activation.

## Mode

Your phone works in digital mode only.

## ■ Network services

The following features are network services. See Network services, ix for more information.

## Call diverting

Call diverting tells your network to redirect incoming calls to another number. Call diverting is a network

service and may not work the same in all networks, so contact your wireless provider for availability.

## Activate



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

1. In the standby mode, select *Menu* > *Settings* > *Network services* > *Call divert*.

2. Select one of the following options:

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

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

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

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

*Cancel all call diverting*—Cancel any call diverting options you have set.

3. Select *Activate*.
4. Enter the number to which your calls, data, or other information will be diverted, and press *OK* or

press [Search](#) and scroll to the destination number.

## Cancel

In the standby mode, select [Menu](#) > [Settings](#) > [Network services](#) > [Call divert](#) > [Cancel all call diverting](#).



**Note:** [Cancel all call diverting](#) may affect your ability to receive voice mail messages. Contact your wireless provider for specific details.

## Call waiting

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

1. In the standby mode, select [Menu](#) > [Settings](#) > [Network services](#) > [Call waiting](#) > [Activate](#) or [Cancel](#).
2. During a call, press [Answer](#) or the Talk key to answer the waiting call.

The first call is put on hold.

3. Press the **End** key to end the active call.

## Send own caller ID when calling

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

In the standby mode, select [Menu](#) > [Settings](#) > [Network services](#) > [Send my caller ID](#) > [Yes](#) or [No](#).

## Store a feature code

1. In the standby mode, select [Menu](#) > [Settings](#) > [Network services](#) > [Network feature setting](#).
2. Enter the feature code from your service provider (for example, \*633), and press [OK](#).
3. Select the type of diverting that matches the feature code you entered (for example, [Call diverting](#)).

The activated feature code is now stored in your phone, 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 start screen.



**Note:** Once you enter a network feature code successfully the feature becomes visible in the [Network services](#) menu.

## View your own phone number

If your wireless service provider supports this feature, you can see your current phone number. In the standby mode, select [Menu](#) >

*Settings > Network services > My number selection.*

## ■ Restore factory settings

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

1. In the standby mode, select *Menu > Settings > Restore factory settings*.
2. Enter the security code, and press *OK*. See Security code, 46 for more information.

## 9. Gallery (Menu 5)



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

### ■ Open the gallery

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

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

*Add folder*—Add a folder of your own.

*Delete folder*—Delete a folder you have created.

*Rename folder*—Rename a folder you have created.

### ■ View folders

1. In the standby mode, select *Menu* > *Gallery* > *View folders* > *Images*, *Graphics*, or *Tones* > *Open*.
2. Scroll through the list of graphics or tones, press *Options* > *Select* to activate the option (*Open*, *Delete*, *Move*, *Rename*, *Set as wallpaper*, *Set as ring tone*, *Details* or *Sort*) or to enter its submenu.

## 10. Games (Menu 6)



Challenge yourself or a friend to one of the fun games in your phone.



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

### ■ Play a game

1. In the standby mode, select *Menu* > *Games* > *Select game*.
2. Scroll to a game, and press *Open* or the **Talk** key.

3. Select one of the following options (if supported by the particular game):

*New game*—Launches a new game.

*High scores*—View the high scores for this game (if previously played).

*Instructions*—View instructions for playing the game. Scroll down to read more.

### ■ Game settings

1. In the standby mode, select *Menu* > *Games*.
2. Scroll to one of the following game submenus:

*Select game*—Select a game or enter a game option list. See

Game options, 51 for more information.

*Memory*—Check the available memory for games and game-related applications.

*Settings*—Turn *Game sounds*, *Game lights*, and *Shakes* on or off.

3. Press *Select* to enter the submenu, and choose other settings.

### ■ Game options

1. While viewing the games list, press *Options*.
2. Scroll to an option (*Open*, *Delete*, or *Details*), and press *Select* to activate the option or enter a submenu.

## 11. Voice (Menu 7)



### ■ Voice dialling

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

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 dialling in all circumstances.


### Assign a voice tag to an entry

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

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



**Note:** Do not press [Quit](#) unless you want to cancel the recording.

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

If recording is not successful, your phone displays [Voice system error](#). Press [Options](#) > [Add voice tag](#), and repeat Step 3.

### Dial a number

1. Press and hold [Contacts](#).
2. When you hear several beeps and [Speak now](#) appears, release the key.
3. Pronounce the voice tag clearly into the microphone.

When the phone finds the voice tag, [Found:](#) appears, and the phone automatically dials the number. If the phone does not

locate a number or recognise the voice tag, *No match found* appears.

## Voice tags

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

### Play back

1. Select *Menu* > *Voice* > *Voice tags*.
2. Press *Select*, and scroll to the name with the voice tag you want to hear.
3. Select *Options* > *Playback*.

### Change

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

### Delete

1. Select *Menu* > *Voice* > *Voice tags*.
2. Press *Select*, then scroll to the name with the voice tag you want to erase.
3. Select *Options* > *Delete* > *OK*.

## Voice commands

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


### Assign a voice tag to a command

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

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



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

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

## Activate a voice command

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

1. Press and hold **Contacts**.
2. When **Speak now** appears, pronounce the voice tag clearly into the microphone.

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

## Options

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

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

## Voice recorder

This feature allows you to record pieces of speech or sound with your phone and listen to them later. The total available time is 30 seconds if no memos have been stored. The maximum length of a recording depends on how much memory remains available. The voice recorder

cannot be used when a data call connection is active.

## Record speech or sound

1. In the standby mode, select **Menu** > **Voice** > **Voice recorder** > **Record**.
2. After the recorder start tone is heard, begin recording speech or sound.
3. When you are finished recording, press **Stop**.
4. Enter the title you wish to assign to the recording, and press **OK**.

## Options

After you have saved the recording to the **Recordings list**, highlight the recording, and choose one of the following options:

- Select **Playback** to listen to the recording using the earpiece.
- Select **Delete** to erase the recording.
- Select **Edit title** to rename the recording.
- Select **Add alarm** to add an alarm to the recording.



## 12. Minibrowser (Menu 8)



Minibrowser is a network service. See Network services, ix for more information.

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, then 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 and content, as you would with any Internet site.

### ■ 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.

It is likely that 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 once you have subscribed to the feature. Contact your wireless provider if you have problems using the browser.

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

### ■ Sign on to the mobile internet

In the standby mode, select *Menu* > *Minibrowser* > *Connect*.

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

### Receive a call while online

Depending on your wireless service provider, you may still be able to receive a voice call while using the WAP browser.

- To answer the incoming call, press the **Talk** key.
- To reject the incoming call, press the **End** key.

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



**Note:** If your wireless service provider does not support incoming calls while browsing, the incoming calls are automatically diverted 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 **Talk** 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 accessed is stored in the cache. To empty the cache while in the browser menu, select **Navigate >**

**Advanced > Clear > Cache** from the home page. You can also clear the cache by pressing and holding the **Power** key to power off your phone.

To close your mobile internet connection while browsing, press and hold the **End** key.

## 13. Organiser (Menu 9)




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

### ■ Alarm clock

#### Set an alarm


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

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

*Alarm on* appears briefly in the display and  appears on the start screen.

#### Change the time

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

*Alarm on* appears briefly in the display and  appears on the start screen.

#### Set the alarm tone

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

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

#### Alarm conditions

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

With the phone on, press *Stop* to shut the alarm off, or press *Snooze*. The alarm stops for 10 minutes and *Snooze on* appears in the display.



**Note:** If you do not press a key, the alarm stops (snoozes) for 10 minutes, then sounds again.

If the alarm time is reached while the phone is switched off, the phone switches itself on and starts sounding the alarm tone. If you press

**Stop**, the device asks whether you want to switch the phone on. Press **No** to switch off the device or **Yes** to make and receive calls. Do not press **Yes** when wireless phone use may cause interference or danger.

## Turn an alarm off

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

## Calendar

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

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

## Open

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



**Note:** To open the calendar quickly, scroll right from the start screen. The right scroll key can perform different functions depending on your network service.

You can move the cursor in some calendar views by using the **Four-way scroll** key.

## Go to a date

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

## Note a specific date

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

1. Go to the date for which you want to set a reminder. (See Go to a date, 59 in the previous section if you need more information.)
2. From the monthly view (with the go to date highlighted), select **Options** > **Make a note**.
3. Select one of the following note types:
  - Meeting**—You are prompted to enter a subject, location, and a start/end time. You are then given the option to set an alarm.
  - Call**—You are prompted to enter a phone number, a name, and the

time. You are then given the option to set an alarm.

*Birth day*—You are prompted to enter the person's name, and year of birth. You are then given the option to set an alarm.

*Memo*—You are prompted to enter a subject and an end date and given the option to set an alarm.

*Reminder*—You are prompted to enter the subject you wish to be reminded about and given the option to set an alarm.

4. Enter your note, and select *Options* > *Save*.

## View notes (day view)

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

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

## Options while viewing a list of notes

1. Press *Options* while viewing a day's notes to display options that are available with the

options listed below while viewing the body of a note or viewing the header of a note:

*Edit*—Edit the note.

*Delete*—Delete the note.

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

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

*Send note*—Send the note to another device as a text message or in calendar-to-calendar (vCal) format.

*Copy*—Copy the note, and paste it to another date.

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

*View*—View the full note.

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

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

2. Scroll to an option, and press *Select* to activate it or enter its submenu.

## Send a note

1. In the standby mode, select *Menu* > *Organiser* > *Calendar*.
2. Scroll to the date containing the note you wish to send. (Any days

containing notes will be in bold font.)

3. Select **Options** > **Day notes**.
4. Scroll to the note you wish to send, and select **Options** > **Send note** > **Via calendar** or **Via text msg**.
5. If you selected **Via calendar**, enter the number for the recipient, or press **Search** to retrieve a number from the contacts list, and press **OK**. The note is sent.
6. If you selected **Via text message**, the note appears as a text message in the display.
7. Select **Add number**.
8. Enter the number for the recipient, or press **Search** to retrieve a number from the contacts list, and press **OK**.
9. Select **Options** > **Send**.

### Receive notes

When you receive a calendar note in calendar-to-calendar (vCal) format, your phone displays **Calendar note received**. When you receive a calendar note as a text message, a message notification appears on the start screen. You can then save the note in your calendar and set an alarm for any date and time.

### View notes

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

### Save notes

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

### Discard notes

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

## Calculator

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



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

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

4. Enter the second number in your calculation.
5. Press *Options* (equals is highlighted) and *Select*.

## Currency converter

You can convert foreign currency to domestic, or vice versa, directly from the start screen or from the *Calculator* menu.

1. In the standby mode, enter a currency amount to convert, or select *Menu* > *Organiser* > *Calculator* and enter a currency amount to convert.
2. Select *Options* > *To home* or *To foreign*.  
*To home*—converts foreign currency to domestic currency.  
*To foreign*—converts domestic currency to foreign currency.  
 If you have not done so already, you are prompted to enter the exchange rate.
3. Enter the exchange rate (press # to insert a decimal), and press *OK*.

You can also edit the exchange rate at any time.



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

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

*Options* > *Exchange rate* > *Foreign unit expressed in domestic units* or *Domestic unit expressed in foreign units*.

*Foreign unit expressed in domestic units*—the number of home units it takes to make one unit of foreign currency.

*Domestic unit expressed in foreign units*—the number of foreign units it takes to make one unit of your home currency.

2. Enter the exchange rate, and press *OK*.

## Countdown timer

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




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

## Set the countdown timer

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



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

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

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

## Change the time

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

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

## Stop the timer before the alarm sounds

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

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

## ■ Stopwatch

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

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

## Measure time

1. In the standby mode, select *Menu* > *Organiser* > *Stopwatch* > *Split timing*.
2. Press *Start* to begin split timing. The running time is displayed on the screen.
3. Press *Stop* to end the timing. The total time is displayed on the screen.

## Measure split time

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

1. In the standby mode, select *Menu* > *Organiser* > *Stopwatch* > *Split timing* > *Start*.
2. Press *Split* to note the lapsed time.  
  
The timer continues to run. The split time appears below the running time. If you split the time more than once, the new measured time appears at the beginning of the list. You can scroll to see previous measured times.
3. Press *Stop* to end the split timing.

## Measure lap time


You can use the lap time function when you want to track how long it takes to complete each cycle or lap.

1. In the standby mode, select *Menu* > *Organiser* > *Stopwatch* > *Lap timing* > *Start*.
2. Press *Lap* to note the lap time.  
The clock stops, then starts immediately from zero. The lap time appears below the running time. If you take more than one lap time, the new measured time appears at the beginning of the list. You can scroll to see previous measured times. When you press *Stop*, the total time appears at the top.

## Save the lap time

1. While the clock is running, select *Stop* > *Options* > *Save*.
2. Enter a name for the measurement, and press *OK*.  
If you do not enter a name, the total time is used as the default title for the lap time.

## Operation note

If you press the **End** key and return to the start screen, the clock continues to run in the background and the  icon appears in the upper left corner of the screen.

To return to the stopwatch screens:

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

## Options

You can choose the following options when using the stopwatch:

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

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

*View times*—Allows you to browse the saved times.

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

## 14. Applications (Menu 10)



Applications is a network service. See Network services, ix for more information.

If your wireless service provider supports this feature, you will find useful applications pre-installed on your phone. Also, you can manage and download new applications that may be offered by your wireless provider.

### ■ Launch

1. In the standby mode, select *Menu* > *Applications* > *Select app*.
2. Scroll to an application, and press *Options*, highlight *Open*, and press *Select* or the **Talk** key.



**Note:** 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.

### ■ Download

You can download new applications in different ways.



**Note:** Only install applications from sources that offer adequate

protection against harmful software.



**Note:** When you download a game or an application, it may be saved in the *Games* menu instead of the *Applications* menu.

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

### Browser downloads

Browser downloads is a network service. See Network services, ix for more information.

1. In the standby mode, select *Menu* > *Applications* > *App. downloads*.
2. Press *Select* to access the list of web browser bookmarks.
3. Scroll to the appropriate bookmark that contains the application you wish to download, and press *Select* to connect to the web page.

If the connection fails, you may enter the *Applications* menu and activate another set of service settings.

## PC Suite

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.nokia-asia.com](http://www.nokia-asia.com).



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

## Modem setup

You can use your Nokia phone as a modem with your laptop computer or handheld device, giving you access to the internet (for e-mail and Web browsing) or corporate networks wherever you are. For more information on modem setup for PC and handheld devices, please refer to the Nokia PC Suite User Guide and PC/PDA Connectivity Guide.

You may find more information and downloadable files for modem setup on the Nokia's website, [www.nokia-asia.com](http://www.nokia-asia.com).

## ■ Memory status

You can view the size of memory available for game and application installations. In the standby mode, select [Menu](#) > [Applications](#) > [Memory](#).

## 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 ACP-7 or ACP-12 charger.



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

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

A few practical rules about accessories and enhancements:

- Keep all accessories and enhancements out of the reach of small children.
- When you disconnect the power cord of any accessory or enhancement, grasp and pull the plug, not the cord.
- Check regularly that enhancements installed in a vehicle are mounted and are operating properly.
- Installation of any complex car enhancements must be made by qualified personnel only.
- Power
- Standard 1070 mAh Li-Ion Battery (BL-6C)
- Standard Travel Charger (ACP-7)
- Travel Charger (ACP-12)
- Mobile Charger (LCH-12)
- Retractable Charger (AC-1)
- Audio
- Headset (HS-5)
- 2.5mm Headset (HS-9)
- Boom Headset (HDB-4)
- Loopset (LPS-4)
- FM Radio Headset (HS-2R)
- Retractable Headset (HS-10)
- Data
- Data Cable (DKU-5)
- Desk Stand with Sync (DCV-15)

### Car

- Full Car Kit (CK-6)
- Car Installation Kit (CARK-126)
- Mobile Holder (MBC-17)
- Mobile Lighter Charger (LCH-12)
- Headrest Handsfree (BHF-1)

## 16. Reference information

This section provides information about your phone's 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, buy a new battery. Use only Nokia approved batteries, and recharge your battery only with Nokia approved chargers designated for this device.

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

can affect the ability of your battery to charge.

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

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

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

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

## ■ Battery information

This section provides information about battery charging times with the Standard Charger (ACP-7), the Mobile Charger (ACP-12), talk-times, and standby times. Be aware that the information in this section is subject to change. For more information, contact your service provider.

## Charging times

The following charging times are approximate:

Charger options	ACP-12	ACP-7
BL-6C 1070 mAh Li-Ion battery	1 hr 45 mins	3 hrs 45 mins

## 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.

Function	Digital
Talk time	3.7 hours
Standby time	15 days



## 17. 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 and enjoy your device for many years.

- Keep the device dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, remove the battery and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.

- Do not attempt to open the device other than as instructed in this guide.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices.

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

## 18. Additional safety information

### ■ Operating environment

Remember to follow any special regulations in force in any area and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions.

To maintain compliance with radio frequency exposure guidelines only use enhancements approved by Nokia for use with this device. When the device is on and being worn on the body, always use an approved carrying case.

### ■ Medical devices

Operation of any radio transmitting equipment, including wireless phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions.

Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

#### **PACEMAKERS**

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15.3 cm) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research

by and recommendations of Wireless Technology Research. To minimise the potential for interference, persons with pacemakers should

- Always keep the device more than 6 inches (15.3 cm) from their pacemaker when the device is switched on
- Not carry the device in a breast pocket
- Hold the device to the ear opposite the pacemaker
- If you have any reason to suspect that interference is taking place, switch off your device immediately.

#### **HEARING AIDS**

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

### ■ Vehicles

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

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

## ■ Potentially explosive environments

Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, chemical plants or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include

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

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

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

## ■ Emergency calls



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

## ■ To make an emergency call:

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. Key in the official emergency number for your present location. Emergency numbers vary by location.
4. Press the **Talk** key.

If certain features are in use, you may first need to turn those features off before you can make an emergency call. Consult this guide or your service provider. When making an emergency call, give all the necessary information as accurately as possible. Your wireless phone may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

## ■ Certification information (SAR)

### THIS MODEL PHONE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg\*. Tests for SAR are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone. The highest SAR value for this model phone when tested for use at the ear is

0.80 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the relevant international guidelines for RF exposure.

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

\* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at [www.nokia.com](http://www.nokia.com).

# Limited Warranty

Nokia Corporation, represented by its Mobile Phones Division, ("Nokia") warrants that this Nokia product and/or genuine Nokia accessory ("Product") is free from defects in material and workmanship, according to the following terms and conditions:

1. This limited warranty provided for the Product shall be twelve (12) months from the date of purchase of the Product.
2. This limited warranty applies only to Products purchased in one of the countries (or areas) listed below. This limited warranty is only valid in Nokia's intended country (or area) of sale of the Product.
3. During the limited warranty period, Nokia or its authorised service network will repair or replace, at Nokia's option, any defective Product or parts thereof with new or refurbished replacement items, and return the Product to the consumer in working condition. No charge will be made to the consumer for either parts or labor in repairing or replacing the Product. All original parts, boards or equipment which have been replaced shall become property of Nokia.
4. Any repaired or replaced Product will be warranted for the balance of the original warranty period or for ninety (90) days from the date of repair, whichever is longer.
5. The consumer must provide purchase receipt or other information to prove the date and place of purchase upon request from Nokia or its authorised service centre.
6. Transportation, delivery and handling charges incurred in the transport of the Product to and from Nokia or its authorised service center will be borne by the consumer. Any expenses relating to uninstalling or reinstalling the Product are not covered under this limited warranty.
7. The consumer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:
  - a) The Product has been subject to: abnormal use, abnormal condition, improper storage, exposure to excessive moisture, dampness, temperature or such other environmental conditions; unauthorised modifications, connections, repair including but not limited to use of unauthorised spare parts in repairs; misuse, neglect, abuse, accident, alteration, tampering, improper installation, Acts of God, spill of foods or liquids, or other acts which are beyond the reasonable control of Nokia; and fair wear and tear of the Product.
  - b) The Product was presented for repair after the applicable limited warranty period. In such event, Nokia's normal service policies shall apply and the consumer will be charged accordingly.
  - c) The Product serial number or the accessory date code has been removed, defaced or altered.
  - d) The defect or damage was caused by defective function of the external cellular or wireless network system.
  - e) The Product was used with or connected to any accessory not supplied or authorised by Nokia or any accessory not fit for use with the Product.
  - f) The battery pack was tampered with or used in non-compatible Products.
  - g) The defect or damage was caused by the use of any program, software or game application(s) loaded in or used with the Products which were not installed, approved or endorsed by Nokia.
8. If a problem develops during the limited warranty period, the consumer shall deliver the Product to any Nokia Care location or Nokia authorised service centre. The consumer may contact the local Nokia office for the location of the nearest authorised service centre. The consumer shall be charged for any parts or labor not covered by this limited warranty.
9. Nokia reserves the right to refer the consumer to the relevant cellular operator in the event that the Product contains operator specific features before any service will be provided.
10. THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY ARE IN ADDITION TO ANY OTHER RIGHTS AND REMEDIES UNDER ANY APPLICABLE LEGISLATION THAT CANNOT BE EXCLUDED. OTHERWISE, TO THE EXTENT PERMITTED BY LAW, ANY IMPLIED WARRANTY IS EXCLUDED AND THE FOREGOING WARRANTY IS THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. TO THE EXTENT PERMITTED BY LAW, NOKIA SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OR A LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OR IMPAIRMENT OF PRIVACY OF CONVERSATIONS, WORK STOPPAGE OR LOSS OR IMPAIRMENT OF DATA ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT.
11. Nokia does not authorise any service centre, person or entity to undertake any other obligation or liability on Nokia's behalf beyond that which is expressly provided for in this limited warranty.
12. All warranty information, product features and specifications are subject to change without notice.
13. The countries (or areas) in which this limited warranty is in force, subject to clause 2 above, is India.

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