Nokia 6126 and Nokia 6133b User Guide

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CE 0434

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The availability of particular products may vary by region. Please check with the Nokia dealer nearest to you.

Contents

For your safety 7

General information 10
Overview of functions 10
Access codes 10
  Security code 10
  PIN codes 10
  PUK codes 11
  Restricting password 11
Configuration settings service 11
Download content 11
Install SIM card and battery 13
Insert a microSD card 14
Remove the microSD card 14
Charge the battery 14
Open and close the phone 15
Switch the phone on and off 15
  Set the time and date 16
Antenna 16
Phone strap 16
Keys and parts 17
  Connector flap 17
Standby mode 18
  Main display 18
  Active standby 18
  Shortcuts in the standby mode 19
  Indicators 19
Keypad lock (keyguard) 20
Functions without a SIM card 20
Make a call 22
  1-touch dialing 22
  Enhanced voice dialing 22
Answer or decline a call 23
  Call waiting 24
Options during a call 24
Predictive text input 25
Traditional text input 26
Text messages 28
  Write and send a message 28
  Read and reply to a message 29
SIM messages 29
Multimedia messaging service 29
  Write and send a message 30
  Cancel message sending 31
  Read and reply to a message 31
Memory full 32
Folders 32
Flash messages 33
  Write a flash message 33
  Receive a flash message 33
Nokia Xpress audio messaging 33
  Create an audio message 33
  Receive an audio message 34
Voice messages 34
Info messages 34
Service commands 34
Delete messages 34
Message settings 35
  General settings 35
  Text messages 35
  Multimedia messages 36
Search for a contact 37
Save names and phone numbers 37
Save details 37
Copy or move contacts 38
Edit contact details 38
Synchronize all 38
Delete contacts 38
Business cards 38
Settings 39
Groups 39
1-touch dials 39
Info, service, and my numbers 39
Location information 41
Profiles 42
Themes 42
Tones 42
Main display 43
  Standby mode settings 43
  Screen saver 43
Mini display 44

Time and date ... 44
My shortcuts ... 44
Left selection key ... 44
Right selection key ... 44
Shortcut bar ... 45
Scroll keys ... 45
Voice commands ... 45
Connectivity ... 45
Bluetooth wireless technology ... 46
Packet data ... 47
Data transfer ... 48
USB data cable ... 49
Call ... 49
Phone ... 51
Enhancements ... 51
Configuration ... 52
Security ... 53
Phone software updates ... 53
Settings ... 54
Request a software update ... 54
Install a software update ... 54
Restore factory settings ... 54
Print images ... 57
Memory card ... 57
Format the memory card ... 58
Lock the memory card ... 58
Check memory consumption ... 58
Camera ... 59
Take a photo ... 59
Record a video clip ... 60
Camera options ... 60
Media player ... 60
Configuration for streaming ... 60
Music player ... 60
Play music tracks ... 61
Music player settings ... 61
Voice recorder ... 62
Record sound ... 62
Equalizer ... 62
Stereo widening ... 63
Alarm clock ... 64
Stop the alarm ... 64
Calendar ... 64
Make a calendar note ... 65
Note alarm ... 65
To-do list ... 65
Notes ... 65
Calculator ... 66
Countdown timer ... 66
Stopwatch ... 66
Launch a game ... 68
Launch an application ... 68
Download an application ... 68
Presenter ... 69
Set up browsing ... 72
Connect to a service ... 72
Browse pages ... 73
Browse with phone keys ... 73
Options while browsing ... 73
Direct calling ... 73
Bookmarks ... 74
Receive a bookmark ... 74
Appearance settings ... 74
Security settings ... 75
Cookies ... 75
Scripts over secure connection ... 75
Download settings ... 75
Service inbox ... 75
Service inbox settings ... 76
Cache memory ... 76
Browser security ... 76
Security module ... 76
Certificates ... 77
Digital signature ... 77
Nokia PC Suite ... 79
EGPRS, HSCSD, and CSD ... 79
Data communication applications ... 79
Charging and discharging ... 80
Nokia battery authentication ... 81
Care and maintenance ... 83
Additional safety information ... 84
Index ... 89

For your safety

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

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

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

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

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

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

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

SWITCH OFF NEAR BLASTING
Follow any restrictions. Do not use the phone where blasting is in progress.

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

QUALIFIED SERVICE
Only qualified personnel may install or repair this product.

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

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

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

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

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

About your device

The wireless device described in this guide is approved for use on the GSM 850, 900, 1800, and 1900 networks. Contact your service provider for more information about networks.

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

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

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

Network services

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

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

device may also have been specially configured for your network provider. This configuration may include changes in menu names, menu order and icons. Contact your service provider for more information.

This device supports WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols. Some features of this device, such as multimedia messaging (MMS), browsing, remote synchronization, and content downloading using the browser or MMS, require network support for these technologies.

Shared memory

The following features in this device may share memory: gallery, contacts, text messages, multimedia messages, instant messaging, calendar, to-do notes, Java™ games and applications, and note application. Use of one or more of these features may reduce the memory available for the remaining features sharing memory. For example, saving many Java applications may use all of the available memory. Your device may display a message that the memory is full when you try to use a shared memory feature. In this case, delete some of the information or entries stored in the shared memory features before continuing. Some of the features, such as text messages, may have a certain amount of memory specially allotted to them in addition to the memory shared with other features.

Enhancements

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.

General information

Overview of functions

Your phone provides many functions that are practical for daily use, such as a text and multimedia messaging, a calendar, a clock, an alarm clock, a music player, and a built-in camera. Your phone also supports the following functions:

- A microSD memory card to extend the memory capacity of the phone. See "Memory card," p. 56.
- Active standby. See "Active standby," p. 17.
- Audio messaging. See "Nokia Xpress audio messaging," p. 32.
- Enhanced voice dialing. See "Enhanced voice dialing," p. 21 and "Voice commands," p. 44.
- Java 2 Platform, Micro Edition (J2ME™). See "Applications," p. 67.

Access codes

Security code

The security code (5 to 10 digits) helps to protect your phone against unauthorized use. The preset code is 12345. To change the code, and to set the phone to request the code, see "Security," p. 52.

PIN codes

The personal identification number (PIN) code and the universal personal identification number (UPIN) code (4 to 8 digits) help to protect your SIM card against unauthorized use. See "Security," p. 52.

The PIN2 code (4 to 8 digits) may be supplied with the SIM card and is required for some functions.

The module PIN is required to access the information in the security module. See "Security module," p. 75.

The signing PIN is required for the digital signature. See "Digital signature," p. 76.

PUK codes

The personal unblocking key (PUK) code and the universal personal unblocking key (UPUK) code (8 digits) is required to change a blocked PIN code and UPIN code, respectively. The PUK2 code (8 digits) is required to change a blocked PIN2 code. If the codes are not supplied with the SIM card, contact your local service provider for the codes.

Restricting password

The restricting password (4 digits) is required when using *Call restrictions*. See "Security," p. 52.

Configuration settings service

To use some of the network services, such as mobile Internet services, MMS, Nokia Xpress audio messaging, or remote Internet server synchronization, your phone needs the correct configuration settings. You may be able to receive the settings directly as a configuration message. After receiving the settings you must save them on your phone. The service provider may provide a PIN that is needed to save the settings. For more information on availability, contact your network operator, service provider, nearest authorized Nokia dealer, or visit the support area on the Nokia Web site.

When you receive the settings as a configuration message, and the settings are not automatically saved and activated, *Configuration settings received* is displayed.

To save the settings, select Show > Save. If the phone requests *Enter settings' PIN:*, enter the PIN code for the settings, and select OK. To receive the PIN code, contact the service provider that supplies the settings. If no settings are saved, these settings are saved and set as default configuration settings. Otherwise, the phone asks *Activate saved configuration settings?*.

To discard the received settings, select Exit or Show > Discard.

Download content

You may be able to download new content (for example, themes) to the phone (network service). Select the download function (for example, in *Gallery*). To access the download function, see the respective menu descriptions.

You may also be able to download updates of phone software (network service). See "Phone," p. 50, *Phone updates*.

For the availability of different services, pricing, and tariffs, contact your service provider.

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

1. Get started

Install SIM card and battery

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

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

For availability and information on using SIM card services, contact your SIM card vendor. This may be the service provider, network operator, or other vendor.

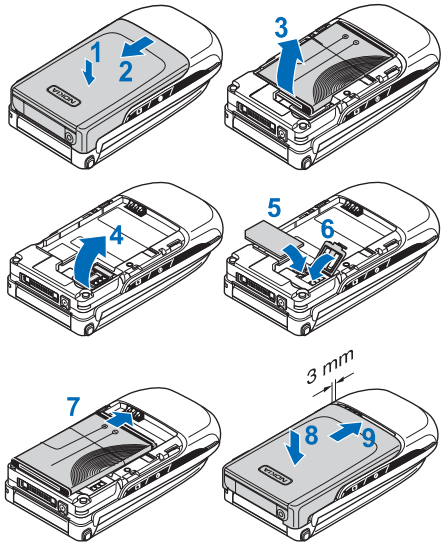
This device is intended for use with BL-4C battery. Always use original Nokia batteries. See "Nokia battery authentication," p. 80.

The SIM card and its contacts are damaged by scratches or bending, so be careful when handling, inserting, or removing the card.

To remove the back cover of the phone, press sightly (1), and slide the cover off (2). Remove the battery as shown (3).

Open the SIM card holder (4), and insert the SIM card properly into the holder (5).
Close the SIM card holder (6).

Replace the battery (7). Slide the back cover into its place (8, 9).



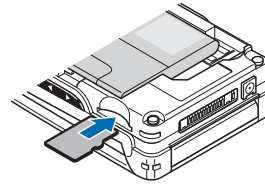
Insert a microSD card

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

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

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

1. Remove the back cover of the phone.
2. Insert the card into the microSD card slot with the gold-colored contact surface facing down, and press it until it locks into place.
3. Close the back cover of the phone.



Remove the microSD card

Important: Do not remove the microSD card in the middle of an operation when the card is being accessed. Removing the card in the middle of an operation may damage the memory card as well as the device, and data stored on the card may be corrupted.

You can remove or replace the microSD card during phone operation without switching the phone off.

1. Make sure that no application is accessing the microSD memory card.
2. Remove the back cover of the phone.
3. Press the microSD card slightly in to release the lock.
4. Remove the microSD card from the slot.

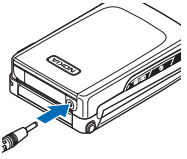
Charge the battery

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

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

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

1. Connect the charger to a wall socket.
2. Connect the plug from the charger to the jack on the bottom of your phone.



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

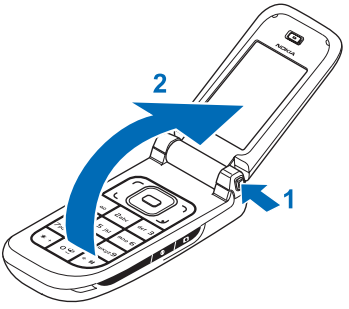
The charging time depends on the charger used. Charging a BL-4C battery with the AC-3 charger takes approximately 2 hours and 20 minutes while the phone is in the standby mode.

Open and close the phone

To open the phone, press the fold release button (1). The fold opens automatically (2).

To close the phone, turn the fold manually in its closed position.

To switch off a tone that sounds when you open and close the phone, see "Tones," p. 41.



Switch the phone on and off

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

To switch the phone on or off, press and hold the power key. See "Keys and parts," p. 16.

If the phone prompts for a PIN or a UPIN code, enter the code (displayed as ****), and select OK.

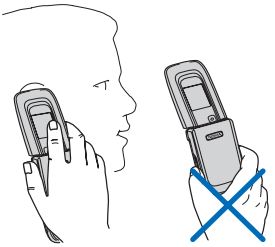
Set the time and date

Enter the local time, select the time zone of your location in terms of the time difference with respect to Greenwich Mean Time (GMT), and enter the date. See "Time and date," p. 43.

Antenna

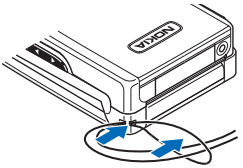
Your device has an internal antenna.

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



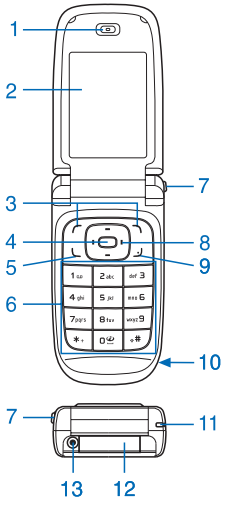
Phone strap

Thread the strap through the eyelet of the phone as shown in the picture, and tighten it.



2. Your phone

Keys and parts



Earpiece (1)

Main display (2)

Left and right selection keys (3)

Middle selection key (4)

Call key (5)

Keypad (6)

Fold release button (7)

4-way scroll key (8)

End key (9)

Loudspeaker (10)

Phone strap eyelet (11)

Pop-Port™ connector flap (12)

Charger connector (13)

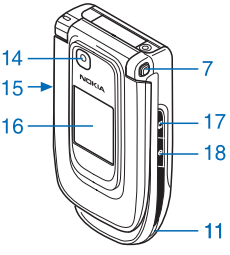
Camera lens (14)

Volume up and down key, and zoom in and outkey (15)

Mini display (16)

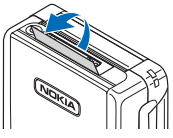
Camera key (17)

Power key (18)



Connector flap

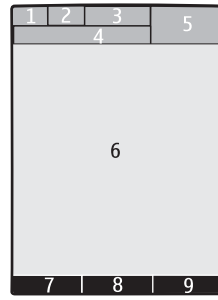
To connect enhancements, open the Pop-Port™ connector flap.



Standby mode

When the phone is ready for use, and you have not entered any characters, the phone is in the standby mode.

Main display



Signal strength of the cellular network (1)

Battery charge status (2)

Indicators (3)

Network name or the operator logo (4)

Clock (5)

Main screen (6)

Left selection key — Go to or a shortcut to another function (7). See "Left selection key," p. 43.

Middle selection key — Menu (8)

Right selection key — Names or a shortcut to another function (9). See "Right selection key," p. 43. Operator variants may have an operator-specific name to access an operator-specific Web site.

Active standby

In the active standby mode, you can use the main display for fast access to frequently used applications. To switch on the mode, select Menu > *Settings* > *Main display* > *Standby mode settings* > *Active standby* > *My active standby*.

In the active standby mode, scroll to the feature on the navigation bar in the main display. To start the feature, select Select; or to display the information, select View. Left and right arrows at the beginning and end of a line indicate that further information is available by scrolling left or right. To end the active standby mode, select Exit.

To organize and change the active standby mode, activate the mode, and select Options > *Active standby* > *My active standby* > Options and the following options:

Personalize — Assign or change phone features in the standby mode.

Organize — Move the position of features in the standby mode.

Enabling active standby — Select keys to activate the standby mode. To change the settings, see "Standby mode settings," p. 42.

To switch off the active standby mode select Options > *Active standby* > *Off*; or select Menu > *Settings* > *Main display* > *Standby mode settings* >*Active standby* > *Off*.

Shortcuts in the standby mode

- To access the list of dialed numbers, press the call key once. Scroll to the number or name that you want. To call the number, press the call key.
- To open the Web browser, press and hold 0.
- To call your voice mailbox, press and hold 1.
- Use the scroll key as a shortcut. See "My shortcuts," p. 43.
- Press the camera key to start the camera (still photo).
- Press and hold the camera key to start a video recording.
- In camera mode, press the volume keys to zoom in or out.
- Press a volume key to mute the ringing tone of an incoming call when the phone is closed.
- Press the power key to access the profiles menu on the main display.

Indicators

You have unread messages in the *Inbox* folder.

You have unsent, canceled, or failed messages in the *Outbox* folder.

The phone logged a missed call.

Your phone is connected to the instant messaging service, and the availability status is online or offline.

You received one or several instant messages, and you are connected to the instant messaging service.

The keypad is locked.

The phone does not ring for an incoming call or text message.

The alarm clock is set to *On*.

The countdown timer is running.

The stopwatch is running in the background.

G, E The phone is registered to the GPRS or EGPRS network.

G, E A GPRS or EGPRS connection is established.

G, E The GPRS or EGPRS connection is suspended (on hold), for example, if there is an incoming or outgoing call during an EGPRS dial-up connection.

A Bluetooth connection is active.

2 If you have two phone lines, the second phone line is selected.

All incoming calls are forwarded to another number.

The loudspeakers are activated, or the music stand is connected to the phone.

Calls are limited to a closed user group.

The timed profile is selected.

, , , or A headset, hands-free, loopset, or music stand enhancement is connected to the phone.

Keypad lock (keyguard)

To prevent accidental key presses, select Menu, and press * within 3.5 seconds to lock the keypad.

To unlock the keypad, select Unlock, and press * within 1.5 seconds. If the *Security keyguard* is set *On*, enter the security code if requested.

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

For *Security keyguard*, see "Phone," p. 50.

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

Functions without a SIM card

Several functions of your phone may be used without installing a SIM card (for example, the data transfer with a compatible PC or another compatible device).

Note that when you use the phone without a SIM card, some functions appear dimmed in the menus and cannot be used. Synchronizing with a remote Internet server is not possible without a SIM card.

For an emergency call, some networks may require that a valid SIM card is properly inserted in the device.

3. Call functions

Make a call

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

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

2. To call the number, press the call key.

3. To end the call or to cancel the call attempt, press the end key, or close the phone.

To search for a name or phone number that you have saved in *Contacts*, see "Search for a contact," p. 36. Press the call key to call the number.

To access the list of dialed numbers, press the call key once in the standby mode. To call the number, select a number or name, and press the call key.

1-touch dialing

Assign a phone number to one of the 1-touch-dialing keys, 2 to 9. See "1-touch dials," p. 38. Call the number in either of the following ways:

- Press a 1-touch-dialing key, then the call key.
- If *1-touch dialing* is set to *On*, press and hold a 1-touch-dialing key until the call begins. See *1-touch dialing* in "Call," p. 48.

Enhanced voice dialing

To make a phone call, say the name that is saved in the contact list of the phone. A voice command is added automatically to all entries in the contact list of the phone.

If an application is sending or receiving data using a packet data connection, end the application before you use voice dialing.

Voice commands are language-dependent. To set the language, see *Voice playback language* in "Phone," p. 50.

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

1. In the standby mode, press and hold the right selection key, or press and hold the volume down key. A short tone sounds, and *Speak now* is displayed.

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

2. Say the voice command clearly. If voice recognition is successful, a list with matches is displayed. The phone plays the voice command of the match on the top of the list. After about 1.5 seconds, the phone dials the number; or if the result is not the correct one, scroll to another entry, and select to dial the entry.

   Using voice commands to carry out a selected phone function is similar to voice dialing. See *Voice commands* in "My shortcuts," p. 43.

Answer or decline a call

To answer an incoming call, press the call key, or open the phone. To end the call, press the end key, or close the phone.

To decline an incoming call if the phone is open, press the end key. To decline an incoming call when the phone is closed, press and hold a volume key.

To mute the ringing tone, press a volume key when the phone is closed, or select Silence when the phone is open.

If the *Forward if busy* function is activated to forward the calls (for example, to your voice mailbox), declining an incoming call also forwards the call. See "Call," p. 48.

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

Call waiting

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

To activate the *Call waiting* function, see "Call," p. 48.

Options during a call

Many of the options that you can use during a call are network services. For availability, contact your service provider.

During a call, select Options and from the following options:

Mute or *Unmute*, *Contacts*, *Menu*, *Lock keypad*, *Record*, *Loudspeaker* or *Handset*.

Network services options are *Answer* or *Decline*, *Hold* or *Unhold*, *New call*, *Add to conference*, *End call*, *End all calls*, and the following:

Touch tones — to send tone strings

Swap — to switch between the active call and the call on hold

Transfer calls — to connect a call on hold to an active call and disconnect yourself

Conference — to make a conference call that allows up to five persons to take part in a conference call

Private call —to discuss privately in a conference call

To change the volume during a call, press the volume up key or the volume down key.

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

4. Write text

To enter text (for example, when writing messages), use traditional or predictive text input. When you write text, text input indicators appear at the top of the display. indicates traditional text input. indicates predictive text input. Predictive text input allows you to write text quickly using the phone keypad and a built-in dictionary. You can enter a letter with a single keypress. indicates predictive text input with *Word suggestions*. The phone predicts and completes the word before you enter all the characters.

Abc , abc , or ABC appears next to the text input indicator, indicating the character case. To change the character case, press #.

123 indicates number mode. To change from the letter to number mode, press and hold #, and select *Number mode*.

To set the writing language while writing text, select Options > *Writing language*.

Predictive text input

To set predictive text input on, select Options > *Prediction on*.

To quickly set predictive text input on or off when writing text, press # twice, or select and hold Options.

1. To start writing a word, use keys, 2 to 9. Press each key only once for one letter. The entered letters are displayed underlined.

   To insert a special character, press and hold *, or select Options > *Insert symbol*. Scroll to a character, and select Insert.

   To write compounds words, enter the first part of the word; to confirm it, press the right scroll key. Write the next part of the word, and confirm the word.

   To enter a full stop, press 1.

2. When you finish writing the word and it is correct, to confirm it, press 0 to add space.

   If the word is not correct, press * repeatedly, or select Options > *Matches*. When the word that you want appears, select the word and press the scroll key.

If the ? character is displayed after the word, the word you intended to write is not in the dictionary. To add the word to the dictionary, select Spell. Complete the word (traditional text input is used), and select Save.

Traditional text input

To set traditional text input on, select Options > *Prediction off*.

Press a number key, 1 to 9, repeatedly until the desired character appears. Not all characters available under a number key are printed on the key. The characters available depend on the selected writing language.

If the next letter you want is located on the same key as the present one, wait until the cursor appears, or briefly press any of the scroll keys, and enter the letter.

The most common punctuation marks and special characters are available under the 1 key. For more characters, press *.

5. Menus

The phone offers you an extensive range of functions, which are grouped into menus.

1. To access the menu, select Menu.

   To change the menu view, select Options > *Main menu view* > *List*, *Grid*, *Grid with labels*, or *Tab*.

   To rearrange the menu, scroll to the menu you want to move, and select Options > *Organize* > Move. Scroll to where you want to move the menu, and select OK. To save the change, select Done > Yes.

2. Scroll through the menu, and select an option (for example, *Settings*).
3. If the selected menu contains further submenus, select the one that you want (for example, *Call*).
4. If the selected menu contains further submenus, repeat step 3.
5. Select the setting of your choice.
6. To return to the previous menu level, select Back. To exit the menu, select Exit.

6. Messaging

You can read, write, send, and save text, multimedia, audio, and flash messages. All messages are organized into folders.

Text messages

Use the short message service (SMS) to send and receive text messages, and receive messages that can contain pictures (network service).

Before you can send any text or SMS e-mail message, you must save your message center number. See "Message settings," p. 34.

To check SMS e-mail service availability and to subscribe to the service, contact your service provider. To save an e-mail address in *Contacts*, see "Save details," p. 36.

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

The message length indicator at the top of the display shows the total number of characters left and the number of messages needed for sending. For example, 673/2 means that there are 673 characters left and that the message will be sent as a series of two messages.

Write and send a message

1. Select Menu > *Messaging* > *Create message* > *Text message*.
2. Enter the recipient's phone number or e-mail address in the *To:* field. To retrieve a phone number or e-mail address from *Contacts*, select Add > *Contact*. To send the message to multiple recipients, add the desired contacts one by one. To send the message to persons in a group, select *Contact group* and the desired group. To retrieve the contacts to which you recently sent messages, select Add > *Recently used*. To retrieve contacts from previously incoming calls, select Add > *Open Log*.
3. For a SMS e-mail, enter a subject in the *Subject:* field.

4. Write your message in the *Message:* field. See "Write text," p. 24. To insert a template into the message, select Options > *Use template*. To see how the message will look to the recipient, select Options > *Preview*.
5. To send the message, select Send. See "When you finish writing your message, to send the message, select Send. The phone saves the message in the Outbox folder, and the sending starts. If you select Save sent messages > Yes, the sent message is saved in the Sent items folder. See "General settings," p. 34.," p. 30.

Read and reply to a message

When you receive a message, *1 message received* or the number of new messages with *N messages received* are displayed.

1. To view a new message, select Show. To view it later, select Exit.

   To read the message later, select Menu > *Messaging* > *Inbox*. If more than one message is received, select the message you want to read. is displayed if you have unread messages in *Inbox*.
2. To view the list of available options while reading a message, select Options.
3. To reply to a message, select Reply > *Text message*, *Multimedia*, *Flash message*, or *Audio message*.

   To send a text message to an e-mail address, enter the e-mail address in the *To:* field.

   Scroll down, and write your message in the *Message:* field. See "Write text," p. 24.

   If you want to change the message type for your reply message, select Options > *Change message type*.
4. To send the message, select Send. See "When you finish writing your message, to send the message, select Send. The phone saves the message in the Outbox folder, and the sending starts. If you select Save sent messages > Yes, the sent message is saved in the Sent items folder. See "General settings," p. 34.," p. 30.

SIM messages

SIM messages are text messages that are saved to your SIM card. You can copy or move those messages to the phone memory, but not vice versa. Received messages are saved to the phone memory.

To read SIM messages, select Menu > *Messaging* > Options > *SIM messages*.

Multimedia messaging service

Note: Only devices that have compatible features can receive and display multimedia messages. The appearance of a message may vary depending on the receiving device.

To check availability and to subscribe to the multimedia messaging service (MMS), contact your service provider. See "Multimedia messages," p. 35.

A multimedia message can contain text, sound, images, video clips, a business card, and a calendar note. If the message is too large, the phone may not be able to receive it. Some networks allow text messages that include an Internet address where you can view the multimedia message.

You cannot receive multimedia messages during a call or an active browsing session over GSM data. Because delivery of multimedia messages can fail for various reasons, do not rely solely upon them for essential communications.

Write and send a message

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

1. Select Menu > *Messaging* > *Create message* > *Multimedia*.
2. Enter your message.

   Your phone supports multimedia messages that contain several pages (slides). A message can contain a calendar note and a business card as attachments. A slide can contain text, one image, and one sound clip; or text and a video clip. To insert a slide in the message, select New; or select Options > *Insert* > *Slide*.

   To insert a file in the message, select Insert; or select Options > *Insert*.
3. To view the message before sending it, select Options > *Preview*.
4. To send the message, select Send.
5. Enter the recipient's phone number in the *To:* field. To retrieve a phone number from *Contacts*, select Add > *Contact*. To send the message to multiple recipients, add the desired contacts one by one. To send the message to persons in a group, select *Contact group* and the desired group. To retrieve

the contacts to which you recently sent messages, select Add > *Recently used*.

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

When you finish writing your message, to send the message, select Send. The phone saves the message in the *Outbox* folder, and the sending starts. If you select *Save sent messages* > *Yes*, the sent message is saved in the *Sent items* folder. See "General settings," p. 34.

Note: When the phone is sending the message, the animated is displayed. 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.

It takes more time to send a multimedia message than to send a text message. While the message is being sent, you can use other functions on the phone. If an interruption occurs while the message is being sent, the phone tries to resend the message a few times. If these attempts fail, the message remains in the *Outbox* folder. You can try to resend it later.

Cancel message sending

To cancel the sending of the messages in the *Outbox* folder, scroll to the desired message, and select Options > *Cancel sending*.

Read and reply to a message

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

When you receive a new multimedia message, *Multimedia message received* or the number of new messages with *N messages received* is displayed.

1. To read the message, select Show. To view it later, select Exit.

   To read the message later, select Menu > *Messaging* > *Inbox*. Scroll to the message that you want to view, and select it. is displayed if you have unread messages in *Inbox*.

2. To view the whole message if the received message contains a presentation, select Play.
3. To view the files in the presentation or the attachments, select Options > *Objects* or *Attachments*.
4. To reply to the message, select Options > *Reply* > *Text message*, *Multimedia*, *Flash message*, or *Audio message*. Write the reply message.

   If you want to change the message type for your reply message, select Options > *Change message type*. The new message type may not support all the content that you have added.
5. To send the message, select Send. See "Write and send a message," p. 29.

Memory full

When you receive a message, and the memory for the messages is full, *Memory full. Unable to receive messages.* is displayed. To first delete old messages, select OK > Yes and the folder. Scroll to the desired message, and select Delete. If more messages are to be deleted, select Mark. Mark all the messages you want to delete, and select Options > *Delete marked*.

Folders

The phone saves received messages in the *Inbox* folder.

Messages that have not yet been sent are saved in the *Outbox* folder.

To set the phone to save the sent messages in the *Sent items* folder, see *Save sent messages* in "General settings," p. 34.

To save the message that you write and want to send later in the *Drafts* folder, select Options > *Save message* > *Drafts*

You can move your messages to the *Saved items* folder. To organize your *Saved items* subfolders, select Menu > *Messaging* > *Saved items*. To add a folder, select Options > *Add folder*. To delete or rename a folder, scroll to the desired folder, and select Options > *Delete folder* or *Rename folder*.

Your phone has templates. To create a new template, save a message as a template. To access the template list, select Menu > *Messaging* > *Saved items* > *Templates*.

Flash messages

Flash messages are text messages that are instantly displayed upon reception. Flash messages are not automatically saved.

Write a flash message

Select Menu > *Messaging* > *Create message* > *Flash message*. Enter the recipient's phone number in the *To:* field. Scroll down, and write your message in the *Message:* field. The maximum length of a flash message is 70 characters. To insert a blinking text into the message, select Options > *Insert blink character* to set a marker. The text behind the marker blinks until a second marker is inserted.

Receive a flash message

A received flash message is indicated with *Message:* and a few words from the beginning of the message. To read the message, select Read. To extract phone numbers, e-mail addresses, and Web site addresses from the current message, select Options > *Use detail*. To save the message, select Save and the folder in which you want to save it.

Nokia Xpress audio messaging

You can use the multimedia message service to create and send a audio message in a convenient way. MMS must be activated before you can use audio messages.

Create an audio message

1. Select Menu > *Messaging* > *Create message* > *Audio message*. The recorder opens. To use the recorder, see "Voice recorder," p. 61.
2. Speak your message.
3. Enter the recipient's phone number in the *To:* field. To retrieve a phone number from *Contacts*, select Add > *Contact*. To send the message to multiple recipients, add the desired contacts one by one. To send the message to persons in a group, select *Contact group* and the desired group. To retrieve the contacts to which you recently sent messages, select Add > *Recently used*.
4. To send the message, select Send.

Receive an audio message

When your phone receives an audio message, *1 audio message received* is displayed. To open the message, select Play; or if more than one message is received, select Show > Play. To listen to the message later, select Exit. To see the available options, select Options.

Voice messages

The voice mailbox is a network service, and you may need to subscribe to it. For more information and for your voice mailbox number, contact your service provider.

To call your voice mailbox, select Menu > *Messaging* > *Voice messages* > *Listen to voice messages*. To enter, search for, or edit your voice mailbox number, select *Voice mailbox number*.

If supported by the network, indicates new voice messages. To call your voice mailbox number, select Listen.

Info messages

With *Info messages* (network service), you can receive messages on various topics from your service provider. To check availability, topics, and the relevant topic numbers, contact your service provider.

Service commands

Select Menu > *Messaging* > *Service commands*. Write and send service requests (also known as USSD commands), such as activation commands for network services, to your service provider.

Delete messages

To delete messages, select Menu > *Messaging* > *Delete messages* > *By message* to delete single messages, *By folder* to delete all messages from a folder, or *All messages*. If a folder contains unread messages, the phone prompts whether you want to delete them also.

Message settings

General settings

General settings are common for text and multimedia messages.

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

Save sent messages > *Yes* — to set the phone to save the sent messages in the *Sent items* folder

Overwriting in Sent items > *Allowed* — to set the phone to overwrite the old sent messages with the new ones when the message memory is full. This setting is displayed only if you set *Save sent messages* > *Yes*.

Font size — to select the font size used in messages

Graphical smileys > *Yes* — to set the phone to replace character-based smileys with graphical ones

Text messages

The text message settings affect the sending, receiving, and viewing of text and SMS e-mail messages.

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

Delivery reports > *On* — to ask the network to send delivery reports about your messages (network service)

Message centers > *Add center* — to set the phone number and name of the message center that is required for sending text messages. You receive this number from your service provider.

Message center in use — to select the message center in use

E-mail message centers > *Add center* — to set the phone numbers and name of the e-mail center for sending SMS e-mails.

E-mail center in use — to select the SMS e-mail message center in use

Message validity — to select the length of time for which the network attempts to deliver your message

Messages sent via — to select the format of the messages to be sent: *Text*, *Page*, or *Fax* (network service)

Use packet data > *Yes* — to set GPRS as the preferred SMS bearer

Character support > *Full* — to select all characters in the messages to be sent as viewed. If you select *Reduced*, characters with accents and other marks may be converted to other characters. You can preview a message before sending it, to see how it will look to the recipient. See "Write and send a message," p. 27.

Reply via same center > *Yes* — to allow the recipient of your message to send you a reply using your message center (network service)

Multimedia messages

The message settings affect the sending, receiving, and viewing of multimedia messages.

You may receive the configuration settings for multimedia messaging as a configuration message. See "Configuration settings service," p. 10. You can also enter the settings manually. See "Configuration," p. 51.

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

Delivery reports > *On* — to ask the network to send delivery reports about your messages (network service)

Image size (multimedia) — to set the image size in multimedia messages. Before sending, images will be reduced to the selected size.

Default slide timing — to define the default time between slides in multimedia messages

Allow multimedia recept. — to receive or block the multimedia message, select *Yes* or *No*. If you select *In home network*, you cannot receive multimedia messages when outside your home network. The default setting of the MMS is generally *In home network*. The availability of this menu depends on your phone.

Incoming multim. msgs. — to allow the reception of multimedia messages automatically, manually after being prompted, or to decline the reception. This setting is not displayed if *Allow multimedia recept.* is set to *No*.

Allow advertisements — to receive or decline advertisements. This setting is not displayed if *Allow multimedia recept.* is set to *No*, or *Incoming multim. msgs.* is set to *Reject*.

Configuration settings > *Configuration* — only the configurations that support multimedia messaging are displayed. Select a service provider, *Default*, or *Personal configuration* for multimedia messaging. Select *Account* and an MMS account contained in the active configuration settings.

7. Contacts

You can save names and phone numbers (contacts) in the phone memory and in the SIM card memory.

The phone memory may save contacts with additional details, such as various phone numbers and text items. You can also save an image for a limited number of contacts.

The SIM card memory can save names with one phone number attached to them. The contacts saved in the SIM card memory are indicated by .

Search for a contact

Select Menu > *Contacts* > *Names*. Scroll through the list of contacts, or enter the first characters of the name you are searching for.

Save names and phone numbers

Names and numbers are saved in the used memory. To save a name and phone number, select Menu > *Contacts* > *Names* > Options > *Add new contact*. Enter the last name, first name, the phone number; and select *Save*.

Save details

In the phone memory for contacts you can save different types of phone numbers, and short text items per name. You can also select a tone or a video clip for a contact.

The first number you save is automatically set as the default number, and it is indicated with a frame around the number type indicator (for example,). When you select a name from contacts (for example, to make a call), the default number is used unless you select another number.

1. Make sure that the memory in use is *Phone* or *Phone and SIM*. See "Settings," p. 38.
2. Search for the contact to which you want to add a detail, and select Details > Options > *Add detail*. Select from the available options.

Copy or move contacts

To copy names and phone numbers from the phone contact memory to the SIM card memory, or vice versa, select Menu > *Contacts* > *Names* > Options > *Copy*. Select *One by one* to copy single contacts or *All* to copy all contacts. The SIM card memory can save names with one phone number attached to them.

To copy or move all contacts from the phone contact memory to the SIM card memory, or vice versa, select Menu > *Contacts* > *Copy contacts* or *Move contacts*.

Edit contact details

Search for the contact you want to edit, and select Details. To edit a name, number, text item, or to change the image, select Options > *Edit*. To change the number type, scroll to the desired number, and select Options > *Change type*. To set the selected number as the default number, select *Set as default*.

Synchronize all

Synchronize your calendar, contacts data, and notes with a remote Internet server (network service). For details see "Synchronize from a server," p. 48.

Delete contacts

To delete all the contacts and the details attached to them from the phone or SIM card memory, select Menu > *Contacts* > *Delete all contacts* > *From phone memory* or *From SIM card*. Confirm with the security code.

To delete a contact, search for the desired contact, and select Options > *Delete contact*.

To delete a number, text item, or an image attached to the contact, search for the contact, and select Details. Scroll to the desired detail, and select Options > *Delete* and from the available options. To delete an image or video clip from contacts does not delete it from *Gallery*.

Business cards

You can send and receive a person's contact information from a compatible device that supports the vCard standard as a business card.

To send a business card, search for the contact whose information you want to send, and select Details > Options > *Send business card* > *Via multimedia*, *Via text message*, or *Via Bluetooth*.

When you have received a business card, select Show > Save to save the business card in the phone memory. To discard the business card, select Exit > Yes.

Settings

Select Menu > *Contacts* > *Settings* and from the following options:

Memory in use — to select the SIM card or phone memory for your contacts. Select *Phone and SIM* to recall names and number from both memories. In that case, when you save names and numbers, they are saved in the phone memory.

Contacts view — to select how the names and numbers in *Contacts* are displayed

Name display — to select whether the contact's first or last name is displayed first

Font size — to set the font size for the list of contacts

Memory status — to view the free and used memory capacity

Groups

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

1-touch dials

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

Select Assign, or if a number has already been assigned to the key, select Options > *Change*. Select Find and the contact you want to assign. If the *1-touch dialing* function is off, the phone asks whether you want to activate it. See also *1-touch dialing* in "Call," p. 48.

To make a call using the 1-touch-dialing keys, see "1-touch dialing," p. 21.

Info, service, and my numbers

Select Menu > *Contacts* and from one of these submenus:

Info numbers — to call the information numbers of your service provider if the numbers are included on your SIM card (network service)

Service numbers — to call the service numbers of your service provider if the numbers are included on your SIM card (network service)

My numbers — to view the phone numbers assigned to your SIM card if the numbers are included on your SIM card

8. Call log

The phone logs your missed, received, and dialed calls if the network supports it and the phone is switched on and within the network service area.

To view the information on your calls, select Menu > *Log* > *Missed calls*, *Received calls*, or *Dialed numbers*. To view your recent missed and received calls and the dialed numbers chronologically, select *Call log*. To view the contacts to whom you most recently sent messages, select *Message recipients*.

To view the approximate information on your recent communications, select Menu > *Log* > *Call timers*, *Packet data counter*, or *Packet data timer*.

To view how many text and multimedia messages you have sent and received, select Menu > *Log* > *Message log*.

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

Some timers may be reset during service or software upgrades.

Location information

The network may send you a location request. You can ensure that the network will deliver location information of your phone only if you approve it (network service). Contact your service provider to subscribe and to agree upon the delivery of location information.

To accept or decline the location request, select Accept or Reject. If you miss the request, the phone automatically accepts or rejects it according to what you have agreed with your network operator or service provider. The phone displays *1 missed position request*. To view the missed location request, select Show.

To view the information on the 10 most recent privacy notifications and requests or to delete them, select Menu > *Log* > *Positioning* > *Position log* > *Open folder* or *Delete all*.

9. Settings

Profiles

Your phone has various setting groups called profiles, for which you can customize the phone tones for different events and environments.

Select Menu > *Settings* > *Profiles*, the desired profile, and from the following options:

Activate — to activate the selected profile

Customize — to personalize the profile. Select the setting you want to change, and make the changes.

Timed — to set the profile to be active until a certain time up to 24 hours, and set the end time. When the time set for the profile expires, the previous profile that was not timed becomes active.

Themes

A theme contains many elements for personalizing your phone, such as wallpaper, screen savers, color schemes, and a ringing tones.

Select Menu > *Settings* > *Themes* and from the following options:

Select theme — to set a theme in your phone. A list of folders in *Gallery* opens. Open the *Themes* folder, and select a theme.

Theme downloads — to open a list of links to download more themes

Tones

You can change the tone settings of the selected active profile.

Select Menu > *Settings* > *Tones*. You can find the same settings in the *Profiles* menu. See *Customize* in "Profiles," p. 41.

To set the phone to ring only for calls from phone numbers that belong to a selected caller group, select *Alert for*. Scroll to the caller group you want or *All calls*, and select Mark.

Select Options > *Save* to save the settings or *Cancel* to leave the settings unchanged.

If you select the highest ringing tone level, the ringing tone reaches its highest level after a few seconds.

A theme may contain a tone that sounds when you open and close the phone. To switch off the tone, change the setting in *Other tones:*. Please note that this setting also switches off the warning tones.

Main display

Select Menu > *Settings* > *Main display* and from the available options.

Standby mode settings

Select *Standby mode settings* and from the following options:

Active standby — to switch the active standby mode on or off and to organize and personalize the active standby mode. See "Active standby," p. 17.

Wallpaper — to add the background image to the display in the standby mode

Fold animation — to set your phone to display an animation when you open and close the phone

Standby font color — to select the color for the texts on the display in the standby mode

Navigation key icons — to display the icons of the current scroll key shortcuts in the standby mode when active standby is off

Operator logo — to set your phone to display or hide the operator logo. The menu is dimmed if you have not saved the operator logo. For more information on availability of an operator logo, contact your network operator.

Cell info display > *On* — to display the cell identity if available from the network

Screen saver

Select *Screen saver* and from the following options:

On — to activate the screen saver for the main display

Screen savers > *Image* — to choose an image or a graphic from the *Gallery*

Screen savers > *Slide set* and a folder in *Gallery* — to use the images in the folder as a slide set

Screen savers > *Video clip* and a video clip from *Gallery* — to run a video clip as the screen saver (only on the main display)

Screen savers > *Open camera* — to take a new photo as the screen saver

Screen savers > *Analog clock* or *Digital clock* — to use a clock as the screen saver

Graphic downloads — to download more images for the screen saver

Time-out — to set the time after which the screen saver is activated

Mini display

Select Menu > *Settings* > *Mini display*. You can change the settings for *Wallpaper*, *Screen saver*, and *Fold animation*.

Time and date

To change the time, time zone, and date settings, select Menu > *Settings* > *Time and date* > *Clock*, *Date*, or *Auto-update of date/time* (network service).

When traveling to a different time zone, select Menu > *Settings* > *Time and date* > *Clock* > *Time zone* and the time zone of your location in terms of the time difference with respect to Greenwich Mean Time (GMT) or Universal Time Coordinated (UTC). The time and date are set according to the time zone and enable your phone to display the correct sending time of received text or multimedia messages. For example, GMT -5 denotes the time zone for New York (USA), 5 hours west of Greenwich, London (UK).

My shortcuts

With personal shortcuts, you get quick access to often used functions of the phone.

Left selection key

To select a function from the list for the left selection key, select Menu > *Settings* > *My shortcuts* > *Left selection key*. See also "Standby mode," p. 17.

If the left selection key is Go to to activate a function, in the standby mode, select Go to > Options and from the following options:

Select options — to add a function to the shortcut list or to remove one. Scroll to the function, and select Mark or Unmark.

Organize — to rearrange the functions on your personal shortcut list. Scroll to the function you want to move, and select Move. Scroll to where you want to move the function, and select OK.

Right selection key

To select a function from the list for the right selection key, select Menu > *Settings* > *My shortcuts* > *Right selection key*. See also "Standby mode," p. 17.

Shortcut bar

To choose and reorder applications displayed by the shortcut bar in the active standby mode, select Menu > *Settings* > *My shortcuts* > *Shortcut bar*.
Select *Select links*, and mark the desired application in the list or in a folder.
Select *Done* > *Yes* to confirm the selection.
Select *Organize links* to reorder the applications in the shortcut bar. Select an application, *Move*, and move it to an other position. Select *OK* to confirm. Select *Done* > *Yes* to save the shortcut sequence.

Scroll keys

To select shortcut functions for the navigation key (scroll keys), select Menu > *Settings* > *My shortcuts* > *Navigation key*. Scroll to the desired key, and select Change and a function from the list. To remove a shortcut function from the key, select *(empty)*. To reassign a function for the key, select Assign. See "Shortcuts in the standby mode," p. 18.

Voice commands

To call contacts and carry out phone functions, say the voice commands. Voice commands are language-dependent. To set the language, see *Voice playback language* in "Phone," p. 50.

To select the phone functions to activate with a voice commands, select Menu > *Settings* > *My shortcuts* > *Voice commands* and a folder. Scroll to a function. indicates that the voice tag is activated. To activate the voice tag, select Add. To play the activated voice command, select Play. To use voice commands, see "Enhanced voice dialing," p. 21.

To manage the voice commands, scroll to a phone function, and select from the following options:

Edit or *Remove* — to change or deactivate the voice command of the selected function

Add all or *Remove all* — to activate or deactivate voice commands to all functions in the voice commands list

Connectivity

You can connect the phone to a compatible device using a Bluetooth wireless technology or a USB data cable connection. You can also define the settings for EGPRS dial-up connections.

Bluetooth wireless technology

This device is compliant with Bluetooth Specification 2.0 + EDR supporting the following profiles: generic access, generic object exchange, hands-free, headset, object push, file transfer, dial-up networking, SIM access, and serial port. To ensure interoperability between other devices supporting Bluetooth technology, use Nokia approved enhancements for this model. Check with the manufacturers of other devices to determine their compatibility with this device.

There may be restrictions on using Bluetooth technology in some locations. Check with your local authorities or service provider.

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

Bluetooth technology allows you to connect the phone to a compatible Bluetooth device within 10 meters (32 feet). Since devices using Bluetooth technology communicate using radio waves, your phone and the other devices do not need to be in direct line-of-sight, although the connection can be subject to interference from obstructions such as walls or from other electronic devices.

Set up a Bluetooth connection

Select Menu > *Settings* > *Connectivity* > *Bluetooth* and from the following options:

Bluetooth > *On* or *Off* — to activate or deactivate the Bluetooth function. indicates that Bluetooth is activated.

Search for audio enhanc. — to search for compatible Bluetooth audio devices. Select the device that you want to connect to the phone.

Paired devices — to search for any Bluetooth device in range. Select New to list any Bluetooth device in range. Scroll to a device, and select Pair. Enter an agreed Bluetooth passcode of the device (up to 16 characters) to associate (pair) the device to your phone. You must only give this passcode when you connect to the device for the first time. Your phone connects to the device, and you can start data transfer.

Bluetooth wireless connection

Select Menu > *Settings* > *Connectivity* > *Bluetooth*. To check which Bluetooth connection is currently active, select *Active devices*. To view a list of Bluetooth devices that are currently paired with the phone, select *Paired devices*.

Select Options to access available options depending on the status of the device and the Bluetooth connection.

Bluetooth settings

To define how your phone is shown to other Bluetooth devices, select Menu > *Settings* > *Connectivity* > *Bluetooth* > *My phone's visibility* or *My phone's name*.

If you are concerned about security, turn off the Bluetooth function, or set My phone's visibility to Hidden. Always accept only Bluetooth communication from others with whom you agree.

Packet data

General packet radio service (GPRS) is a network service that allows mobile phones to send and receive data over an Internet protocol (IP)-based network. It enables wireless access to data networks such as the Internet.

The applications that may use packet data are MMS, video streaming, browsing sessions, remote SyncML, Java application downloading, and the PC dial-up.

To define how to use the service, select Menu > *Settings* > *Connectivity* > *Packet data* > *Packet data connection* and from the following options:

When needed — to set the packet data connection to established when an application needs it. The connection will be closed when the application is terminated.

Always online — to set the phone to automatically connect to a packet data network when you switch the phone on. G or E indicates that the GPRS or EGPRS service is available. If you receive a call or a text message or make a call during a packet data connection, G or E indicates that the GPRS or EGPRS connection is suspended (on hold).

Modem settings

To connect the phone, use Bluetooth wireless technology or a USB data cable connection to a compatible PC, and use the phone as a modem to enable EGPRS connectivity from the PC.

To define the settings for EGPRS connections from your PC, select Menu > *Settings* > *Connectivity* > *Packet data* > *Packet data settings* > *Active access point*, and activate the access point you want to use. Select *Edit active access point* > *Alias for access point*, enter a name to change the access point settings, and select OK. Select *Packet data access point*, enter the access point name (APN) to establish a connection to an EGPRS network, and select OK.

To set the EGPRS dial-up service settings (access point name) on your PC, use the Nokia Modem Options software. See "Nokia PC Suite," p. 78. If you have set the settings both on your PC and on your phone, the PC settings are used.

Data transfer

Synchronize your calendar, contacts data, and notes with another compatible device (for example, a mobile phone), a compatible PC, or a remote Internet server (network service).

Your phone allows data transfer with a compatible PC or another compatible device when using the phone without a SIM card. Note that when you use the phone without a SIM card, some functions appear dimmed in the menus and cannot be used. Synchronizing with a remote Internet server is not possible without a SIM card.

Transfer contact list

To copy or synchronize data from your phone, the name of the device and the settings must be in the list of transfer contacts. If you receive data from another device (for example, a compatible mobile phone), the corresponding transfer contact is automatically added to the list, using the contact data from the other device. *Server synchronization* and *PC synchronization* are the original items in the list.

To add a new transfer contact to the list (for example, a mobile phone), select Menu > *Settings* > *Connectivity* > *Data transfer* > Options > *Add transfer contact* > *Phone synchronization* or *Phone copy*, and enter the settings according to the transfer type.

To edit the copy and synchronize settings, select a contact from the transfer contact list and Options > *Edit*.

Note: Every individual device must have its own entry in the transfer contact list. Using one transfer contact for several devices is not possible.

To delete a transfer contact, select it from the transfer contact list, select Options > *Delete*, and confirm *Delete transfer contact?*. You cannot delete *Server synchronization* or *PC synchronization*.

Data transfer with a device

For synchronization, Bluetooth wireless technology or a cable connection is used. The other device is in the standby mode.

To start data transfer, select Menu > *Settings* > *Connectivity* > *Data transfer* and the transfer contact from the list, other than *Server synchronization* or *PC synchronization*. According to the settings, the selected data is copied or synchronized. The other device also must be activated for receiving data.

Synchronize from a PC

Before you synchronize data from calendar, notes, and contacts from a compatible PC, you must install the Nokia PC Suite software of your phone on the PC. Use Bluetooth wireless technology or a USB data cable for the synchronization, and start the synchronization from the PC.

Synchronize from a server

To use a remote Internet server, you must subscribe to a synchronization service. For more information and the settings required for this service, contact your service provider. You may receive the settings as a configuration message. See "Configuration settings service," p. 10 and "Configuration," p. 51.

If you have saved data on the remote Internet server, to synchronize your phone, start the synchronization from your phone.

Select Menu > *Settings* > *Connectivity* > *Data transfer* > *Server synchronization*. Depending on the settings, select *Initializing synchronization* or *Initializing copy*.

Synchronizing for the first time or after an interrupted synchronization may take up to 30 minutes to complete, if the contacts or calendar are full.

USB data cable

You can use the USB data cable to transfer data between the phone and a compatible PC or a printer supporting PictBridge. You can also use the USB data cable with Nokia PC Suite.

To activate the phone for data transfer or image printing, connect the data cable; when the phone displays *USB data cable connected. Select mode.*, select OK. Select from the following modes:

Default mode — to use the cable for PC Suite

Printing — to print images directly from the phone using a compatible printer

To change the USB mode, select Menu > *Settings* > *Connectivity* > *USB data cable* > *Default mode*, *Printing*, or *Data storage*.

Call

Select Menu > *Settings* > *Call* and from the following options:

Call forwarding — to forward your incoming calls (network service). You may not be able to forward your calls if some call restricting functions are active. See *Call restrictions* in "Security," p. 52.

Anykey answer > *On* — to answer an incoming call by briefly pressing any key except the power key, the camera key, the left and right selection keys, or the end key

Automatic redial > *On* — to make a maximum of 10 attempts to connect the call after an unsuccessful call attempt

1-touch dialing > *On* — to dial the names and phone numbers assigned to the 1-touch-dialing keys 2 to 9 by pressing and holding the corresponding number key

Call waiting > *Activate* — to have the network notify you of an incoming call while you have a call in progress (network service). See "Call waiting," p. 23.

Summary after call > *On* — to briefly display the approximate duration and cost (network service) of the call after each call

Send my caller ID > *Yes* — to show your phone number to the person you are calling (network service). To use the setting agreed upon with your service provider, select *Set by network*.

Line for outgoing calls — to select the phone line 1 or 2 for making calls if supported by your SIM card (network service).

Phone

Select Menu > *Settings* > *Phone* and from the following options:

Language settings — to set the display language of your phone, select *Phone language*. If you select *Automatic*, the phone selects the language according to the information on the SIM card.

To select the USIM card language, select *SIM language*.

To set a language for the voice playback, select *Voice playback language*. See "Enhanced voice dialing," p. 21 and *Voice commands* in "My shortcuts," p. 43.

Security keyguard — to set the phone to ask for the security code when you unlock the keyguard. Enter the security code, and select *On*.

Welcome note — to write the note you would like to have briefly displayed when the phone is switched on

Flight query > *On* — the phone asks every time when it is switched on whether the flight profile shall be used. With flight profile all radio connections are switched off. The flight profile should be used in areas sensitive to radio emissions.

Phone updates — to receive phone software updates from your service provider (network service). This option may not be available, depending on your phone. See "Phone software updates," p. 52.

Operator selection > *Automatic* — to set the phone to automatically select one of the cellular networks available in your area. With *Manual* you can select a network that has a roaming agreement with your service operator.

Confirm SIM serv. actions — See "SIM services," p. 70.

Help text activation — to select whether the phone shows help texts

Start-up tone > *On*— the phone plays a tone when it is switched on

Enhancements

This menu or the following options are displayed only if the phone is or has been connected to a compatible mobile enhancement.

Select Menu > *Settings* > *Enhancements*. Select an enhancement, and depending on the enhancement, from the following options:

Default profile — to select the profile that you want to be automatically activated when you connect to the selected enhancement

Automatic answer — to set the phone to answer an incoming call automatically after 5 seconds. If *Incoming call alert* is set to *Beep once* or *Off*, automatic answer is off.

Lights — to set the lights permanently *On*. Select *Automatic* to set the lights on for 15 seconds after a key press.

TTY/TDD > *Use TTY* > *Yes* — to use the text phone settings instead of headset or loopset settings

If your phone is provided with a hearing aid coil, select *Hearing aid* > *T-coil hearing aid mode* > *On* to optimize the sound quality when using a T-coil hearing aid. The icon is displayed when the *T-coil hearing aid mode* is active.

Configuration

You can configure your phone with settings that are required for certain services to function correctly. The services are multimedia messaging, IM, synchronization, streaming, and browser. Your service provider may also send you these settings. See "Configuration settings service," p. 10.

Select Menu > *Settings* > *Configuration* and from the following options:

Default config. settings — to view the service providers saved in the phone. Scroll to a service provider, and select Details to view the applications that the configuration settings of this service provider support. To set the configuration settings of the service provider as default settings, select Options > *Set as default*. To delete configuration settings, select *Delete*.

Activ. default in all apps. — to activate the default configuration settings for supported applications

Preferred access point — to view the saved access points. Scroll to an access point, and select Options > *Details* to view the name of the service provider, data bearer, and packet data access point or GSM dial-up number.

Connect to serv. support — to download the configuration settings from your service provider

Device manager settings — to allow or prevent the phone from receiving phone software updates. This option may not be available, depending on your phone. See "Phone software updates," p. 52.

Personal config. settings — to add new personal accounts for various services manually and to activate or delete them. To add a new personal account if you have not added any, select Add new; otherwise, select Options > *Add new*. Select the service type, and select and enter each of the required parameters. The

parameters differ according to the selected service type. To delete or activate a personal account, scroll to it, and select Options > *Delete* or *Activate*.

Security

When security features that restrict calls are in use (such as call restricting, closed user group, and fixed dialing), calls may be possible to the official emergency number programmed into your device.

Select Menu > *Settings* > *Security* and from the following options:

PIN code request and *UPIN code request* — to set the phone to ask for your PIN or UPIN code every time the phone is switched on. Some SIM cards do not allow the code request to be turned off.

PIN2 code request — to select whether the PIN2 code is required when using a specific phone feature which is protected by the PIN2 code. Some SIM cards do not allow the code request to be turned off.

Call restrictions — to restrict calls to and from your phone (network service). A restricting password is required.

Fixed dialing — to restrict your outgoing calls to selected phone numbers if this function is supported by your SIM card

Closed user group — to specify a group of people whom you can call and who can call you (network service)

Security level > *Phone* — to set the phone to ask for the security code whenever a new SIM card is inserted into the phone. If you select *Memory*, the phone asks for the security code when the SIM card memory is selected, and you want to change the memory in use.

Access codes — to change the security code, PIN code, UPIN code, PIN2 code, or restricting password

Code in use — to select whether the PIN code or UPIN code should be active

Authority certificates or *User certificates* — to view the list of the authority or user certificates downloaded into your phone. See "Certificates," p. 76.

Security module settings — to view *Security module details*, activate *Module PIN request*, or change the module PIN and signing PIN. See also "Access codes," p. 9.

Phone software updates

Your service provider may send phone software updates over the air directly to your device. This option may not be available, depending on your phone.

Warning: If you install a software update, you cannot use the device, even to make emergency calls, until the update is completed and the device is restarted. Be sure to backup data before accepting a software update.

Settings

To allowed or disallow phone software updates, select Menu > *Settings* > *Configuration* > *Device manager settings* > *Service prov. sw updates* and from the following options:

Always allow — to perform all software downloads and updates automatically

Confirm first — to perform software downloads and updates only after your confirmation (default setting)

Always reject — to decline all software updates

Depending on your settings you will be notified that a software update is available for download or has been downloaded and installed automatically.

Request a software update

Select Menu > *Settings* > *Phone* > *Phone updates* to request available phone software updates from your service provider. Select *Current software details* to display the current software version and check whether an update is needed. Select *Download phone softw.* to download and install a phone software update. Follow the instructions on the display.

Install a software update

Select *Install software update* to start the installation when the installation is cancelled after the download.

The software update may take several minutes. If there are problems with the installation, contact your service provider.

Restore factory settings

To reset some of the menu settings to their original values, select Menu > *Settings* > *Restore factory sett.*. Enter the security code. The names and phone numbers saved in *Contacts*, are not deleted.

10. Operator menu

This menu lets you access a portal to services provided by your network operator. The name and the icon depend on the operator. For more information contact your network operator. If this menu is not displayed, the following menu numbers change accordingly.

The operator can update this menu with a service message. For more information, see "Service inbox," p. 74.

11. Gallery

In *Gallery* you can manage images, video clips, music files, themes, graphics, tones, recordings, and received files. These files are stored in the phone memory or a attached microSD memory card and may be arranged in folders.

Your phone supports an activation key system to protect acquired content. Always check the delivery terms of any content and activation key before acquiring them, as they may be subject to a fee.

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

To see the list of folders, select Menu > *Gallery*.

To see the available options of a folder, select a folder > Options.

To view the list of files in a folder, select a folder > Open.

To see the available options of a file, select a file > Options.

Print images

XpressPrint

Your device supports Nokia XpressPrint. To connect it to a compatible printer use a data cable or send the image using Bluetooth to a printer supporting Bluetooth technology. See "Connectivity," p. 44.

You can print images that are in the JPEG format. The images taken with the camera are automatically saved in the JPEG format.
Select the image you want to print and Options > *Print*.

Memory card

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

You can use the microSD memory card to store your multimedia files such as video clips, music tracks, and sound files, photos, and messaging data, and to back up information from phone memory.

Details of how you can use the memory card with other features and applications of your phone are given in the sections describing these features and applications. To insert and remove the microSD memory card, see "Insert a microSD card," p. 13 and "Remove the microSD card," p. 13. The following options may can also be accessed from *Gallery*.

Format the memory card

When a memory card is formatted, all data on the card is permanently lost.

Some memory cards are supplied preformatted and others require formatting. Consult your retailer to find out if you must format the memory card before you can use it.

1. Select Menu > *Applications* and the memory card folder .
2. Select Options > *Format memory card* > Yes (to confirm).
3. When formatting is complete, enter a name for the memory card (up to 11 letters or numbers).

Lock the memory card

To set a password to lock your memory card to help prevent unauthorized use, select Options > *Set password*.

You are asked to enter and confirm your password. The password can be up to eight characters long.

The password is stored in your phone and you do not have to enter it again while you are using the memory card on the same phone. If you want to use the memory card on another phone, you are asked for the password.

Unlock a memory card

If you insert another password-protected memory card into your phone, you are prompted to enter the password of the card. To unlock the card, select Options > *Delete password*.

Once the password is removed, the memory card is unlocked and can be used on another phone without a password.

Check memory consumption

To check the memory consumption of different data groups and the available memory for installing new applications or software on your memory card, select Options > *Details*.

12. Media

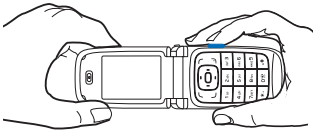
When taking and using images or video clips, obey all laws and respect local customs as well as privacy and legitimate rights of others.

Camera

You can take photos or record video clips with the built-in camera.

Take a photo

To start the camera, press the camera key in the standby mode, or select Menu > *Media* > *Camera*.



To take an image in landscape format, hold the phone in a horizontal position. Scroll left or right to change between the camera Capture mode and the video Record mode.
To zoom in and out in the camera mode, scroll up and down, or press the volume up and down keys.

To take a photo, press the camera key. The phone saves the photo in *Gallery* > *Images*.

To take a self-portrait, close the fold, and use the mini display as a view finder. Press the camera key.

Select Options to set *Night mode on* if the lighting is dim, *Self-timer on* to activate the self-timer, or *Img. sequence on* to take photos in a fast sequence. With the highest image size setting, three photos can be taken in a sequence; with other size settings, five photos can be taken.

Select Options > *Settings* >*Image preview time* and a preview time to display the photo on the display. During the preview time, select Back to take another photo or Send to send the photo as a multimedia message.

Your device supports an image capture resolution of 960 x 1280 pixels. The image resolution in these materials may appear different.

Record a video clip

To select the video mode, scroll left or right, or select Options > *Video*. To start the video recording, select Record. To pause the recording, select Pause; to resume the recording, select Continue. To stop the recording, select Stop. The phone saves the recording in *Gallery* > *Video clips*.

Camera options

To use a filter with the camera, select Options > *Effects* >*False colors*, *Grayscale*, *Sepia*, *Negative*, or *Solarize*.

To change the camera settings, select Options > *Settings*.

Media player

With the media player you can view, play, and download files, such as images, audio, video, and animated images. You can also view compatible streaming videos from a network server (network service).

Select Menu > *Media* > *Media player* > *Open gallery*, *Bookmarks*, *Go to address*, or *Media downloads* to select or download media.

Select Menu > *Media* > *Media player* > *FF/Rew interval* to set the step width for fast forward or rewind.

Configuration for streaming

You may receive the configuration settings required for streaming as a configuration message from the service provider. See "Configuration settings service," p. 10. You can also enter the settings manually. See "Configuration," p. 51. To activate the settings, do the following:

1. Select Menu > *Media* > *Media player* > *Streaming settings* > *Configuration*. Only the configurations that support streaming are displayed.
2. Select a service provider, *Default*, or *Personal configuration* for streaming.
3. Select *Account* and a streaming service account contained in the active configuration settings.

Music player

Your phone includes a music player for listening to music tracks, recordings, or other MP3 or AAC sound files that you have transferred to the phone with the

Nokia Audio Manager application, which is part of Nokia PC Suite. See "Nokia PC Suite," p. 78.

Music files stored in a folder in the phone memory or in a folder of the multimedia card are automatically detected and added to the default track list.

To open the music player, select Menu > *Media* > *Music player*.

Play music tracks

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

When you open the *Music player* menu, the details of the first track on the default track list are displayed. To play, select .

To adjust the volume level, use the volume keys on the side of the phone.

To stop the playing, select .

To skip to the next track, select . To skip to the beginning of the previous track, select .

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

Music player settings

In the *Music player* menu, the following options may be available:

Track list — View all the tracks available on the track list, and play the desired track. To play a track, scroll to the desired track, and select Play.

If you select Options, you can refresh the track list (for example, after adding new tracks to the list) and change the track list that is displayed when you open the *Music player* menu if several track lists are available in the phone. You also may send a track to another phone.

Play options — Select *Random* to play the tracks on the track list in random order. Select *Repeat* to play the current track or the entire track list repeatedly. Select *Music source* and a folder with music tracks.

Media equalizer — Select or define an equalizer setting. See "Equalizer," p. 61.

Loudspeaker or *Headset*— Listen to the music player using the phone loudspeaker or headset. (Only if a headset is attached)

When using a headset, press the headset key to skip to the next track.

Web page — Access a Web page associated with the currently played track. Dimmed if no Web page is available.

Music downloads— Connect to a browser service related to the current track. This function is only available when the address of the service is included in the track.

Voice recorder

You can record pieces of speech, sound, or an active call, and save them in *Gallery*. This is useful when recording a name and phone number to write down later.

The recorder cannot be used when a data call or GPRS connection is active.

Record sound

1. Select Menu > *Media* > *Voice recorder*.

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

2. To start the recording, select . To start the recording during a call, select Options > *Record*. While recording a call, all parties to the call hear a faint beeping sound. When recording a call, hold the phone in the normal position near your ear.
3. To pause the recording, select .
4. To end the recording, select . The recording is saved in *Gallery* > *Recordings*.
5. To listen to the latest recording, select Options > *Play last recorded*.
6. To send the last recording, select Options > *Send last recorded*.
7. To see the list of recordings in *Gallery*, select Options > *Recordings list* > *Recordings*.

Equalizer

To control the sound quality when using the music player, amplify or diminish frequency bands.

Select Menu > *Media* > *Equalizer*.

To activate a set, scroll to one of the equalizer sets, and select Activate.

To view, edit, or rename a selected set, select Options > *View*, *Edit*, or *Rename*. Not all sets can be edited or renamed.

Stereo widening

Stereo widening enhances the audio output of the music player by enabling a wider stereo sound effect. To change the setting, select Menu > *Media* > *Stereo widening*.

13. Organizer

Alarm clock

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

To set the alarm, select *Alarm time*, and enter the alarm time. To change the alarm time when the alarm time is set, select *On*.

To set the phone to alert you on selected days of the week, select *Repeat alarm*.

To select the alarm tone as the alarm tone, select *Alarm tone*.

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

Stop the alarm

The phone sounds an alert tone, flashes *Alarm!*, and the current time is displayed, even if the phone is switched off. To stop the alarm, select Stop. If you let the phone continue to sound the alarm for a minute or select Snooze, the alarm stops for the time you set in *Snooze time-out*, then resumes.

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

Calendar

Select Menu > *Organizer* > *Calendar*.

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

Other options for the day view may be to make a note; delete, edit, move, or repeat a note; copy a note to another day; send a note with Bluetooth technology; or send a note to the calendar of another compatible phone as a text message or multimedia message. In *Settings* you can set the date, time, time zone, date or time format, date separator, default view, or the first day of the

week. In *Auto-delete notes* you can set the phone to delete old notes automatically after a specified time.

Make a calendar note

Select Menu > *Organizer* > *Calendar*. Scroll to the date, and select Options > *Make a note* and one of the following note types: *Meeting*, *Call*, *Birthday*, *Memo*, or *Reminder*. Fill in the fields.

Note alarm

The phone displays the note, and if an alarm is set, sounds a tone. With a call note on the display, to call the displayed number, press the call key. To stop the alarm and to view the note, select View. To stop the alarm for 10 minutes, select Snooze.

To stop the alarm without viewing the note, select Exit.

To-do list

To save a note for a task that you must do, select Menu > *Organizer* > *To-do list*.

To make a note if no note is added, select Add; otherwise, select Options > *Add*. Fill in the fields, and select Save.

To view a note, scroll to it, and select View. While viewing a note, you can also select an option to edit the attributes. You can also select an option to delete the selected note and delete all the notes that you have marked as done.

You can sort the notes by priority or by deadline, send a note to another phone as a text message or a multimedia message, save a note as a calendar note, or access the calendar.

Notes

To write and send notes, select Menu > *Organizer* > *Notes*.

To make a note if no note is added, select Add; otherwise, select Options > *Make a note*. Write the note, and select Save.

Other options include deleting and editing a note. While editing a note, you can also exit the text editor without saving the changes. You can send the note to compatible devices by Bluetooth wireless technology, text message, or a multimedia message.

Calculator

The calculator in your phone provides basic arithmetic and trigonometric functions, calculates the square and the square root, the inverse of a number, and converts currency values.

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

Select Menu > *Organizer* > *Calculator*. When 0 is displayed on the screen, enter the first number in the calculation. Press # for a decimal point. Scroll to the desired operation or function, or select it from the Options. Enter the second number. Repeat this sequence as many times as it is necessary. To start a new calculation, select and hold Clear.

To perform a currency conversion, select Menu > *Organizer* > *Calculator*. To save the exchange rate, select Options > *Exchange rate*. Select either of the displayed options. Enter the exchange rate, press # for a decimal point, and select OK. The exchange rate remains in the memory until you replace it with another one. To perform the currency conversion, enter the amount to be converted, and select Options > *To home* or *To foreign*.

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

Countdown timer

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

If the alarm time is reached when the phone is in the standby mode, the phone sounds a tone and flashes the note text if it is set or *Countdown completed*. To stop the alarm, press any key. If no key is pressed, the alarm automatically stops within 60 seconds. To stop the alarm and delete the note text, select Exit. To restart the countdown timer, select Restart.

Stopwatch

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

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

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

Split timing — to take intermediate times. To start the time observation, select Start. Select Split eact time you want to take an intermediate time. To stop the time observation, select Stop.

To save the measured time, select Save.

To start the time observation again, select Options > *Start*. The new time is added to the previous time. To reset the time without saving it, select *Reset*.

Lap timing — to take lap times

Continue — to view the timing that you have set in the background

Show last time — to view the most recently measured time if the stopwatch is not reset

View times or *Delete times* — to view or delete the saved times

14. Applications

In this menu you can manage applications and games. These files are stored in the phone memory or a attached microSD memory card and may be arranged in folders.

For options to format or lock and unlock the memory card, see "Memory card," p. 56.

Launch a game

Your phone software includes some games.

Select Menu > *Applications* > *Games*. Scroll to the desired game, and select Open.

Launch an application

Your phone software includes some Java applications.

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

Download an application

Your phone supports J2ME Java applications. Make sure that the application is compatible with your phone before downloading it.

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

You can download new Java applications and games in different ways.

Use the Nokia Application Installer from PC Suite to download the applications to your phone, or select Menu > *Applications* > Options > *Downloads* > *Application downloads*; the list of available bookmarks is displayed. See "Bookmarks," p. 73.

For the availability of different services, pricing, and tariffs, contact your service provider.

Your device may have some bookmarks loaded for sites not affiliated with Nokia. Nokia does not warrant or endorse these sites. If you choose to access them, you

should take the same precautions, for security or content, as you would with any Internet site.

Presenter

The Nokia Presenter PC application enables you to control slide presentations (compatible with Microsoft Office PowerPoint), a software DVD, an MP3 player, or other PC applications remotely from your device.

To use applications other than slide presentations and desktop mode, you must create a corresponding custom profile on the PC application.

Before you can use the application you must do the following:

1. Install the Nokia Presenter PC application on your PC.
   This component is available for download on the Nokia Web site..
2. Launch and configure the PC component. Make sure that the selected incoming Bluetooth serial port (COM port) corresponds to the one defined in the Bluetooth software settings on the Bluetooth device of your PC. For details, refer to the PC component documentation and "Set up a Bluetooth connection," p. 45.
3. Open the slide presentation, or start the application you want to control remotely from your phone.

Select *Applications* > *Collection* > *Presenter* > Connect and the device you want to connect to.

When the Bluetooth Connection Successful dialog appears on your PC screen, you must click on it to confirm the Bluetooth connection.

The list of available application types is displayed. Select Open to access the desired application. Select Options > *Settings* to set the *Font* size for the speaker notes, and *Timer (in minutes)* to optimize the slide presentation time available. To save the settings, select Options > *Back*.

After you select the slide presentation, to browse or skip slide, or jump ahead, use the 4-way scroll key. To view your speaker notes, select Notes. To use the pointer, select *Pointer* to activate a small black round marker that you control with the scroll key. Select Options > *Slide list* to return to the slide list. Select Options > *Applications list* to return to the list of applications.

To control the mouse pointer (the cursor) remotely from the phone, select the desktop mode. After you open the desktop, the phone automatically controls your

mouse pointer. To return to the list of applications, select Options > *Applications list*.

To quit the presenter, select Options > *Exit*.

15. SIM services

Your SIM card may provide additional services. You can access this menu only if it is supported by your SIM card. The name and contents of the menu depend on the available services.

For availability and information on using SIM card services, contact your SIM card vendor. This may be the service provider, network operator, or other vendor.

To set the phone to show you the confirmation messages sent between your phone and the network when you are using the SIM services, select Menu > *Settings* > *Phone* > *Confirm SIM serv. actions* > *Yes*.

Accessing these services may involve sending messages or making a phone call for which you may be charged.

16. Web

You can access various mobile Internet services with your phone browser.

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

Check the availability of these services, pricing, tariffs, and instructions with your service provider.

With the phone browser you can view the services that use wireless markup language (WML) or extensible hypertext markup language (XHTML) on their pages. Appearance may vary due to screen size. You may not be able to view all details of the Internet pages.

Set up browsing

You may receive the configuration settings required for browsing as a configuration message from the service provider that offers the service that you want to use. See "Configuration settings service," p. 10. You can also enter all the configuration settings manually. See "Configuration," p. 51.

Connect to a service

Ensure that the correct configuration settings of the service are activated.

1. To select the settings for connecting to the service, select Menu > *Web* > *Settings* > *Configuration settings*.
2. Select *Configuration*. Only the configurations that support a browsing service are displayed. Select a service provider, *Default*, or *Personal configuration* for browsing. See "Set up browsing," p. 71.
3. Select *Account* and a browsing service account contained in the active configuration settings.
4. Select *Display terminal window* > *Yes* to perform manual user authentication for intranet connections.

Make a connection to the service in one of the following ways:

- Select Menu > *Web* > *Home*; or in the standby mode, press and hold 0.
- To select a bookmark of the service, select Menu > *Web* > *Bookmarks*.

- To select the last URL, select Menu > *Web* > *Last web address*.
- To enter the address of the service, select Menu > *Web* > *Go to address*. Enter the address of the service, and select OK.

Browse pages

After you make a connection to the service, you can start browsing its pages. The function of the phone keys may vary in different services. Follow the text guides on the phone display. For more information, contact your service provider.

Browse with phone keys

To browse through the page, scroll in any direction.

To select a highlighted item, press the call key, or select Select.

To enter letters and numbers, press the 0 to 9 keys. To enter special characters, press *.

Options while browsing

Select from the following options:

Home — to return to your start page

Shortcuts — to open a new list of options that are specific to the page. This option is only available if the page contains shortcuts.

Add bookmark — to save the page as a bookmark

Bookmarks — to access the list of bookmarks. See "Bookmarks," p. 73.

Page options — to show the list of options for the active page

History — to get a list showing the last visited URLs

Downloads — to show the list of bookmarks for downloading

Other options — to show a list of other options

Reload — to reload and update the current page

The service provider may also offer other options.

Direct calling

While browsing, you can make a phone call and save a name and a phone number from a page.

Bookmarks

You can save page addresses as bookmarks in the phone memory.

1. While browsing, select Options > *Bookmarks*; or in the standby mode, select Menu > *Web* > *Bookmarks*.
2. Scroll to a bookmark, and select it, or press the call key to make a connection to the page associated with the bookmark.
3. Select Options to view, edit, delete, or send the bookmark; to create a new bookmark; or to save the bookmark to a folder.

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

Receive a bookmark

When you have received a bookmark that is sent as a bookmark, *1 bookmark received* is displayed. To view the bookmark, select Show.

Appearance settings

While browsing, select Options > *Other options* > *Appearance settings*; or in the standby mode, select Menu > *Web* > *Settings* > *Appearance settings* and from the following options:

Text wrapping > *On* — to set the text to continue on the next line on the display. If you select *Off*, the text is abbreviated.

Font size — to set the font size

Show images > *No* — to hide images on the page. This can speed up the browsing of pages that contain a lot of images.

Alerts > *Alert for unsecure conn.* > *Yes* — to set the phone to alert when a secure connection changes to an unsecure one during browsing

Alerts > *Alert for unsecure items* > *Yes* — to set the phone to alert when a secure page contains an unsecure item. These alerts do not guarantee a secure connection. For more information, see "Browser security," p. 75.

Character encoding > *Content encoding* — to select the encoding for the browser page content

Character encoding > *Unicode (UTF-8) web add.* > *On* — to set the phone to send a URL as a UTF-8 encoding. You may need this setting when you access a Web page created in foreign language.

Screen size > *Full* or *Small*— to set the screen layout

JavaScript > *Enable* — to enable the Java scripts

Security settings

Cookies

A cookie is data that a site saves in the cache memory of your phone. Cookies are saved until you clear the cache memory. See "Cache memory," p. 75.

While browsing, select Options > *Other options* > *Security* > *Cookie settings*; or in the standby mode, select Menu > *Web* > *Settings* > *Security settings* > *Cookies*. To allow or prevent the phone from receiving cookies, select *Allow* or *Reject*.

Scripts over secure connection

You can select whether to allow the running of scripts from a secure page. The phone supports WML scripts.

While browsing, to allow the scripts, select Options > *Other options* > *Security* > *WMLScript settings*; or in the standby mode, select Menu > *Web* > *Settings* > *Security settings* > *WMLScripts in sec. conn.* > *Allow*.

Download settings

To automatically save all downloaded files in *Gallery*, select Menu > *Web* > *Settings* > *Downloading settings* > *Automatic saving* > *On*.

Service inbox

The phone is able to receive service messages sent by your service provider (network service). Service messages are notifications (for example, news headlines), and they may contain a text message or an address of a service.

To access the *Service inbox* in the standby mode when you have received a service message, select Show. If you select Exit, the message is moved to the *Service inbox*. To access the *Service inbox* later, select Menu > *Web* > *Service inbox*.

To access the *Service inbox* while browsing, select Options > *Other options* > *Service inbox*. Scroll to the message you want, and to activate the browser and download the marked content, select Retrieve. To display detailed information on the service notification or to delete the message, select Options > *Details* or *Delete*.

Service inbox settings

Select Menu > *Web* > *Settings* > *Service inbox settings*.

To set whether you want to receive service messages, select *Service messages* > *On* or *Off*.

To set the phone to receive service messages only from content authors approved by the service provider, select *Message filter* > *On*. To view the list of the approved content authors, select *Trusted channels*.

To set the phone to automatically activate the browser from the standby mode when the phone has received a service message, select *Automatic connection* > *On*. If you select *Off*, the phone activates the browser only after you select Retrieve when the phone has received a service message.

Cache memory

A cache is a memory location that is used to store data temporarily. If you have tried to access or have accessed confidential information requiring passwords, empty the cache after each use. The information or services you have accessed is stored in the cache.

To empty the cache while browsing, select Options > *Other options* > *Clear the cache*; in the standby mode, select Menu > *Web* > *Clear the cache*.

Browser security

Security features may be required for some services, such as online banking or shopping. For such connections you need security certificates and possibly a security module, which may be available on your SIM card. For more information, contact your service provider.

Security module

The security module improves security services for applications requiring a browser connection, and allows you to use a digital signature. The security

module may contain certificates as well as private and public keys. The certificates are saved in the security module by the service provider.

To view or change the security module settings, select Menu > *Settings* > *Security* > *Security module settings*.

Certificates

Important: Even if the use of certificates makes the risks involved in remote connections and software installation considerably smaller, they must be used correctly in order to benefit from increased security. The existence of a certificate does not offer any protection by itself; the certificate manager must contain correct, authentic, or trusted certificates for increased security to be available. Certificates have a restricted lifetime. If Expired certificate or Certificate not valid yet is shown even if the certificate should be valid, check that the current date and time in your device are correct. Before changing any certificate settings, you must make sure that you really trust the owner of the certificate and that the certificate really belongs to the listed owner.

There are three kinds of certificates: server certificates, authority certificates, and user certificates. You may receive these certificates from your service provider. Authority certificates and user certificates may also be saved in the security module by the service provider.

To view the list of the authority or user certificates downloaded into your phone, select Menu > *Settings* > *Security* > *Authority certificates* or *User certificates*.

is displayed during a connection, if the data transmission between the phone and the content server is encrypted.

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.

Digital signature

You can make digital signatures with your phone if your SIM card has a security module. Using the digital signature can be the same as signing your name to a paper bill, contract, or other document.

To make a digital signature, select a link on a page, for example, the title of the book you want to buy and its price. The text to sign is displayed, which may include the amount and date.

Check that the header text is *Read* and that the digital signature icon is displayed.

If the digital signature icon does not appear, there is a security breach, and you should not enter any personal data such as your signing PIN.

To sign the text, read all of the text first, and select Sign.

The text may not fit within a single screen. Therefore, make sure to scroll through and read all of the text before signing.

Select the user certificate you want to use. Enter the signing PIN (see "Access codes," p. 9), and select OK. The digital signature icon disappears, and the service may display a confirmation of your purchase.

17. PC connectivity

You can send and receive e-mail, and access the Internet when your phone is connected to a compatible PC through a Bluetooth or a data cable connection. You can use your phone with a variety of PC connectivity and data communications applications.

Nokia PC Suite

With Nokia PC Suite you can synchronize contacts, calendar, notes, and to-do notes between your phone and the compatible PC or a remote Internet server (network service). You may find more information and PC Suite on the Nokia Web site at www.nokia.com/support.

EGPRS, HSCSD, and CSD

With your phone you can use the enhanced GPRS (EGPRS), general packet radio service (GPRS), high-speed circuit switched data (HSCSD), and circuit-switched data (CSD, *GSM data*) data services.

For availability and subscription to data services, contact your network operator or service provider.

The use of HSCSD services consumes the phone battery faster than normal voice or data calls. You may need to connect the phone to a charger for the duration of data transfer.

See "Modem settings," p. 46.

Data communication applications

For information on using a data communication application, refer to the documentation provided with it.

Making or answering phone calls during a computer connection is not recommended, as it might disrupt the operation.

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.

18. Battery information

Charging and discharging

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

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

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

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

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

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

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

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

Nokia battery authentication

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

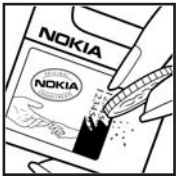
Successful completion of the four steps is not a total assurance of the authenticity of the battery. If you have any reason to believe that your battery is not an authentic original Nokia battery, you should refrain from using it, and take it to the nearest authorized Nokia service point or dealer for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

Authenticate hologram

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

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

3. Scratch the side of the label to reveal a 20-digit code, for example, 12345678919876543210. Turn the battery so that the numbers are facing upwards. The 20-digit code reads starting from the number at the top row followed by the bottom row.



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

What if your battery is not authentic?

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

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

Care and maintenance

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

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

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

Additional safety information

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

Operating environment

Remember to follow any special regulations in force in any area, and always switch off your device when its use is prohibited or when it may cause interference or danger. Use the device only in its normal operating positions. This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 2.2 centimeters (7/8 inch) away from the body. When a carry case, belt clip or holder is used for body-worn operation, it should not contain metal and should position the device the above-stated distance from your body.

To transmit data files or messages, this device requires a quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure that the above separation distance instructions are followed until the transmission is completed.

Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

Medical devices

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

Pacemakers

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

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

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

Hearing aids

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

Vehicles

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

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

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

Potentially explosive environments

Switch off your device when in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device at refueling points such as near gas pumps at service stations. Observe restrictions on the use of radio equipment in fuel

depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust, or metal powders.

Emergency calls

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

To make an emergency call:

1. If the device is not on, switch it on. Check for adequate signal strength.

   Some networks may require that a valid SIM card is properly inserted in the device.
2. Press the end key as many times as needed to clear the display and ready the device for calls.
3. Enter the official emergency number for your present location. Emergency numbers vary by location.
4. Press the call key.

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

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

Certification information (SAR)

This mobile device meets guidelines for exposure to radio waves

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

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value under the ICNIRP guidelines for use at the ear for device type RM-126 is 0.76 W/kg.

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

Your mobile device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada. These requirements set a SAR limit of 1.6 W/kg averaged over 1 gram of tissue. The highest SAR value reported under this standard during product certification for use at the ear for device type RM-126 is 0.89 W/kg, and when properly worn on the body for device type RM-126 is 0.93 W/kg . Information about this device model can be found at http://www.fcc.gov/oet/fccid by searching the equipment authorization system using FCC ID: PPIRM-126.

Technical Information

Feature	Specification
Weight	112 g (3.95 oz)
Size	Volume: 75 cm^3 (4.6 in^3) Length: 91.7 mm (3.61 in) Width: 47.8 mm (1.88 in) Thickness: < 20 mm (0.8 in)
Frequency range	RM-126 EGSM 850 824–849 MHz (TX) 869–894 MHz (RX) EGSM 900 880–915 MHz (TX) 925–960 MHz (RX) EGSM 1800 1710–1785 MHz (TX) 1805–1865 MHz (RX) EGSM 1900 1850–1910 MHz (TX) 1930–1990 MHz (RX
Transmitter output power	Up to 2 W
Battery voltage	3.7 V dc BL-4C, 820 mAh
Operating times	Standby time: up to 240 hours Talk time: up to 3.4 hours
Operating temperature	15°C to + 25°C (59°F to + 77°F)

INDEX

Numerics1-touch dialing 22, 41

A

access codes 10
accessories. See enhancements.active standby 17, 42
alarm clock 63
antenna 15
applications
  collection 67
  download 10
audio messages 32

B

battery
  authentication 80
  charging 13, 79
  discharging 79
  installation 12
Bluetooth 45
bookmarks 73
browser
  appearance settings 73
  bookmarks 73
  browsing pages 72
  cache memory 75
  certificates 76
  cookies 74
  digital signature 76
  security 74
  security module 75
  set up 71
business cards 37

C

cache memory 75
calculator 65
calendar 63
call
  functions 21
  key 16
  log 40
  options 23
  register. See call log.
  settings 48
  waiting 23
calls
  1-touch dialing 21
  answer 22
  international 21
  making of 21
  reject 22
  voice dialing 21
camera
  key 16
  record a video clip 59
  settings 59
  take a photo 58
  zoom 16
care 82
certificates 76
certification information 86
character case 24
charge the battery 13
charger connector 16
circuit switched data 78
clock settings 43
codes 9, 10
configuration 51
  setting service 10
contacts
  copy 37
  delete 37
  edit 37
  groups 38
  my numbers 38
  save 36
  search 36
  service numbers 38
  settings 38
  speed dialing 38
cookies 74
countdown timer 65
CSD. See circuit switched data.

D

data
  cable 48
  communication 78
  transfer 47
date settings 43
delete messages 33

digital signature 76
display 16, 17
downloads
  applications 10
  content 10
  settings 74

E

earpiece 16
EGPRS. See packet data.
emergency calls 85
end
  call 21
  key 16
enhancements 8, 50
equalizer 61
explosive environments 84

F

factory settings 53
flash messages 32

G

gallery 56
games 67
GPRS 46

H

handsfree. See loudspeaker.
hearing aid 51, 84
high-speed circuit switched data 78
HSCSD. See high-speed circuit switched data.

I

indicators 18
info messages 33
installation
  battery 12
  SIM card 12
Internet

K

keyguard 19
keypad 16
keypad lock 19
keys
  call key 16
  end key 16
  keyguard 19
  keypad 16
  keypad lock 19
  power on/off 16
  scroll key 16
  selection keys 16, 17

L

language settings 50
lights 51
location information 40
log 40
loudspeaker 16, 23

M

main display 16, 17, 42
maintenance 82
media player 59
medical devices 83
memory card 56
  formatting 57
  locking 57
  memory consumption 57
memory full 31
menu 26
message center number 27
message folders 31
message settings
  general settings 34
  multimedia messages 35
  text messages 34
messages
  audio message 32
  cancel sending 30
  delete 33
  flash message 32
  info messages 33
  length indicator 27
  message settings 34
  service commands 33
  text 27
  voice message 33
  write text message 27
microphone 16

mini display 43
MMS. See multimedia messages.
multimedia messages 29, 30
music player 59

N

navigation 26
network
  name on display 17
  services 7
notes 64
numbers 38

O

offline mode 19
operator menu 55
organizer 63
overview functions 9

P

pacemakers 83
packet data 46, 78
parts 16
PC connectivity 78
PC Suite 78
phone
  care 82
  configuration 51
  keys 16
  maintenance 82
  open 14
  parts 16
  settings 50
  updates 50, 53
phone lock. See keypad lock.
PictBridge 48
PIN codes 9, 14
Pop-Port connector 16
power key 16
predictive text input 24
presenter 68
print images 56
profiles 41
PUK codes 10
pushed messages 74

R

record sound 61
recorder 61
restricting password 10
ringing tones 41

S

safety
  additional information 83
  certification information 86
  emergency calls 85
  explosive environments 84
  guidelines 6
  hearing aid 84
  medical devices 83
  operating environment 83
  pacemakers 83
  SAR 86
  vehicles 84
SAR 86
screen saver 42
scroll key 16, 44
scroll key. See navigation key.
scrolling 26
security
  codes 9
  module 75
  settings 52
selection keys 16, 17
service
  commands 33
  inbox 74
  messages 74
  numbers 38
services, connect to
settings
  active standby 42
  call 48
  camera 59
  clock 43
  configuration 51
  connectivity 44
  data transfer 47
  date 43
  downloads 74
  enhancements 50
  fold animation 42
  GPRS, EGPRS 46

main display 42
messages 34
mini display 43
my shortcuts 43
phone 50
profiles 41
restore factory settings 53
screen saver 42
security 52
service inbox 75
standby mode 42
themes 41
time 43
tones 41
USB data cable 48
wallpaper 42
shared memory 8
shortcuts 18, 43
signal strength 17
SIM
card 19
card installation 12
messages 28
services 70
SMS. See text messages
software updates 50, 53
speaker phone 16
standby mode 17, 43
status indicators 17
stereo widening 62
stopwatch 65
strap 15
streaming service 59
switch on and off 14
swivel 42
synchronization 47

T

text
character case 24
message 27
phone 51
predictive text input 24
traditional text input 25
writing 24
themes 41
time settings 43
to-do list 64
tones 41
traditional text input 25
TTY 51

U

unlock keypad 19
UPIN 14

V

vehicles 84
video clip 59
voice
commands 44
dialing 21
messages 33
recorder 61
volume 16
volume key 16

W

wallpaper 42
Web
bookmarks 73
connect 71
wireless markup language 71
wrist strap 15
write text 24

X

XHTML 71
XpressPrint 56

Z

zoom key 16