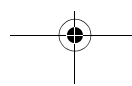
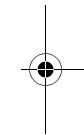
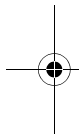




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# Nokia N75 User Guide



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ISSUE 1 EN



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

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## For your safety

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



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



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



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



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



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



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



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



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



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



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



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



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



**CONNECTING TO OTHER DEVICES** When connecting to any other device, read its user

guide for detailed safety instructions. Do not connect incompatible products.



**EMERGENCY CALLS** Ensure the phone function of the device is switched on and in service. Press the end key as many times as needed to clear the display and return to the 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 EGSM 850, 900, 1800, 1900, and UMTS 850 and 1900 networks. Contact your service provider for more information about networks.

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



**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.

The **Quickoffice** applications in your device support common features of Microsoft Word, PowerPoint, and

Excel (Microsoft Office 2000, XP, and 2003). Not all file formats can be viewed or modified.

## 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. 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 MMS, browsing, e-mail, and content downloading

using the browser or over MMS, require network support for these technologies.

For availability and information on using SmartChip services, contact your service provider.

## Enhancements, batteries, and chargers

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

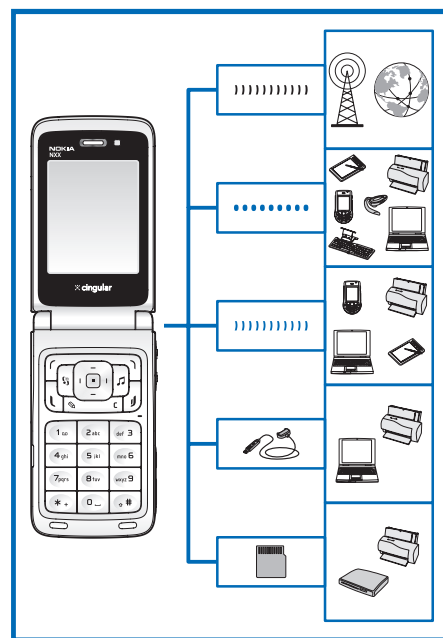
Check the model number of any charger before use with this device. This device is intended for use when supplied with power from an AC-3, AC-4, or AC-5 charger and from an AC-1, ACP-8, ACP-12, LCH-9, or LCH-12 charger when used with the CA-44 charger adapter.

The battery intended for use with this device is BL-5BT.

 **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.

## Get connected



Use your device on the 2G and 3G networks. See "Your Nokia device," p.13

Use Bluetooth technology, for example, to transfer files and connect to compatible enhancements. See "Bluetooth connectivity," p. 112.

Use infrared to transfer and synchronize data between compatible devices, for example. See "Infrared connection," p. 115.

Use Nokia Connectivity Cable CA-53 to connect to compatible devices, such as printers and PCs. See "Data cable," p. 116.

Use a microSD card to transfer data or back up information, for example. See "Memory card tool," p. 23.

## Welcome

Congratulations on your purchase of this Nokia device. Your device provides many functions that are practical for daily use, such as a calendar, a clock, an alarm clock, a radio, and a built-in camera. Use the camera for recording video clips and taking pictures that you can, for example, attach as a wallpaper in the idle mode. See "Camera," p. 28.

You can customize your device with ringing tones and themes. See "Personalize your device," p. 95.

Other features on your device are:

- Multimedia messaging. See "Messaging," p. 55.
- Instant messages. See "Games," p. 84.
- Music player. See "Cingular Music," p. 36.
- Wireless Bluetooth technology. See "Bluetooth connectivity," p. 112.
- Java™ applications. See "Application manager," p. 109.
- Web browser. See "MEdia Net," p. 78.

## Accessibility solutions

Nokia is committed to making mobile devices easy to use for all individuals, including those with disabilities. For more information, visit [www.nokiaaccessibility.com](http://www.nokiaaccessibility.com).

## Find information about your device

Information about your device is provided on the device label, which is on the back of the device under the battery. The label contains the model and serial numbers, as well as the following:

- Device type
- Device model
- International mobile equipment identity (IMEI)
- FCC ID number

## Contact your service provider

In many cases, the service provider will make available descriptions of its services and instructions for using features, such as the following:

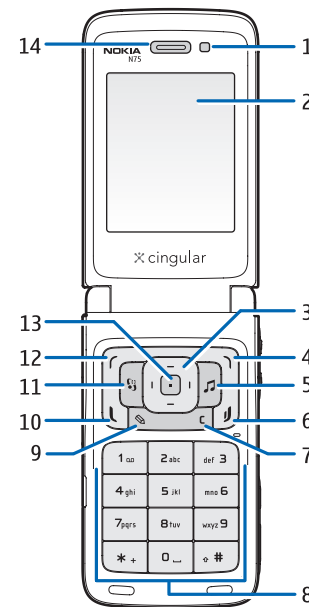
- Voice mail and voice privacy
- Call waiting, call forwarding, and caller ID
- Messaging
- News and information services
- Selected Internet services

Service providers may differ in their support of features.

## Your Nokia device

### Keys and parts (fold open)

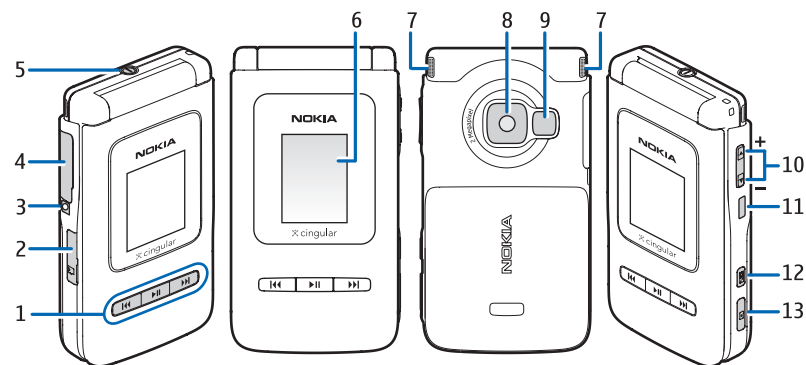
- Light sensor (1)
- Display screen (2)
- 4-way scroll key (3)
- Right selection key (  ) (4)
- Music key (  ) (5)
- End key (  ) (6)
- Clear key (  ) (7)
- Keypad (8)
- Edit key (  ) (9)
- Call key (  ) (10)
- Menu key (  ) (11)
- Left selection key (  ) (12)
- Center selection key (  ) (13)
- Earpiece (14)



Your Nokia device

Your Nokia device

## Keys and parts (fold closed, front, back and sides)



Player keys (1):  
backward ◀◀ play/pause ▶▶ forward ▶▶

Memory card slot (micro SD card) (2)

Charger connector (3)

Pop-Port™ connector (4)

Power button (5)

Cover display (6)

Stereo speakers (7)

Camera (8)

Camera flash (9)

Zoom/Volume key (10)

Infrared (IR) window (11)

Mode key(  ) (12)

Capture key(  ) (13)

## Insert the SmartChip card and battery

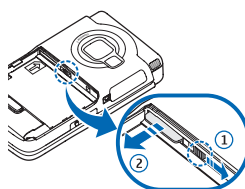
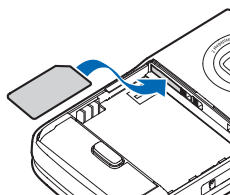
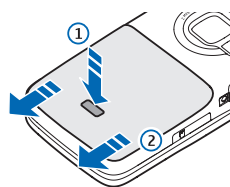
Keep all SmartChip cards out of the reach of small children.

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

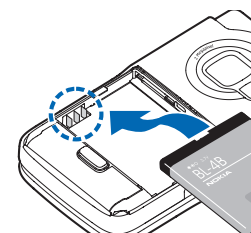
- 1 With the back of the device facing you, press the release button (1), and slide off the cover (2).

- 2 Slide the SmartChip card into the holder until it clicks. Make sure that the bevelled corner on the card is facing the left side of the device and that the contact area on the card is facing down.

To remove the SmartChip card, slide the lock to the right and pull out the SmartChip card.



- 3 Insert the battery.
- 4 Replace the back cover.



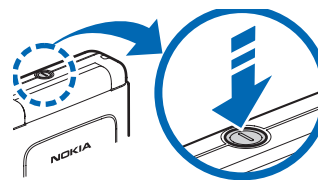
## Switch the device on

- 1 Press and hold the power button (1).

- 2 If the device asks for a UPIN code or lock code, enter it, and press .

The factory setting for the lock code is 12345.

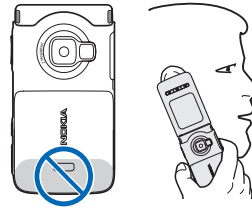
Your device has one internal antenna.



Your Nokia device

## Your Nokia device

 **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. Not touching the antenna area during a phone call optimizes the antenna performance and the battery life.



- When you switch on the device for the first time, it may ask you to set the following information: **Select current city**., **Time**., and **Date**.. Use the 4-way scroll key, the center selection key, and the number keys. To find the city, enter the first letters of the city name. The city you select also defines the time zone for the clock in your device.
- Your Nokia N75 normally has MMS, GPRS, streaming, and mobile Internet settings automatically configured in the device.
- Press  to open the main menu.

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

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

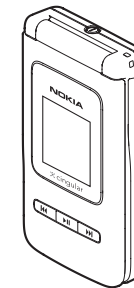
## Modes

Your device has two operating modes: Fold closed with access to particular features including **Music player**, **Radio** and **Camera**; Fold open for traditional mobile phone use and access to all the features on your device.

### Fold closed mode

When the fold is closed, the main display deactivates and the cover display lights up. Ongoing calls end, unless the loudspeakers are in use or a compatible headset is connected. To change the settings, see "Cover display," p. 100. If you are using **Music player** or **Radio** to listen to an audio clip, it continues to play.

With the fold closed, pressing the mode key switches between 3 views:



- 'Basic' idle: displays clock and status information, signal strength and battery indicators. The following softkeys are also available:  
Left softkey ( **⏮** ) selects **Music player**  
Middle softkey ( **⏸** ) selects Play/Pause  
Right softkey ( **⏭** ) selects **Now playing**
- 'Today' idle: displays calendar information
- 'Picture' idle displays a picture of your choice

If you are using **Music player** to listen to an audio clip, volume bars and track information are displayed. To play, pause, or play the next or previous audio clip, use the player keys on the cover. To adjust the volume, use the volume key on the right-hand side of the device.

If you are using **Radio** with the fold closed, volume bars and station information are displayed. To turn the radio on or off, and select the next or previous saved station, use the player keys on the cover. To adjust the volume, use the volume key on the right-hand side of the device.

If you are using **Camera** with the fold closed, hold the device in landscape. The outer display becomes the viewfinder. To activate the camera, press and hold the capture key. To zoom in or out, use the volume key. To take a picture, press the capture key. To switch between **Image mode** and **Video mode**, press the mode key.

To make lighting and color adjustments before taking a picture, press the middle cover key to activate the toolbar,

and use the volume key to scroll through the active toolbar. See "Adjust color and lighting," p. 32 and "Scenes," p. 32.

Calendar and clock alarms and notes for missed calls and new received messages are also displayed. To view received text messages and the text and image objects of received multimedia messages, open the fold, and view the message on the main display.

Incoming calls are indicated by their normal tone and a note. In the cover display settings, select **Answer if fold opened** to answer a call when you open the fold. If a compatible headset is connected to the device, press the answer key on the headset. To change the settings, see "Cover display," p. 100.

To make calls or use the menu, open the fold.

## Fold open mode

When you open the fold, the main display lights up, the keypad is available, and you can access the menu. To access the menu, press **Ⓜ**.

The fold opens about 170 degrees, as shown in the picture. Do not force the fold to open more.



## Essential indicators

-  The device is being used in a GSM network.
-  The device is being used in a UMTS network.
-  You have one or more unread messages in the **Inbox** folder in **Message..**
-  You have received new e-mail in the remote mailbox.
-  There are messages waiting to be sent in the **Outbox** folder.
-  You have missed calls.
-  Shown if **Ringing type** is set to **Silent** and **Message alert tone**, **IM alert tone**, and **E-mail alert tone** are set to **Off**.
-  The device keypad is locked.
-  A clock alarm is active.
-  The second phone line is being used (network service).
  -  All calls to the device are forwarded to another number. If you have two phone lines (network service), the indicator for the first line is  and for the second .
-  A compatible headset is connected to the device.
-  The connection to a compatible headset with Bluetooth connectivity has been lost.

-  A compatible loopset is connected to the device.
-  A compatible **TTY** is connected to the device.
-  A data call is active.
-  A GPRS or EDGE packet data connection is available.
-  A GPRS or EDGE packet data connection is active.
-  A GPRS or EDGE packet data connection is on hold.
-  A UMTS packet data connection is available.
-  A UMTS packet data connection is active.
-  A UMTS packet data connection is on hold.
-  Bluetooth connectivity is on.
-  Data is being transmitted using Bluetooth connectivity.
-  A USB connection is active.
-  An infrared connection is active. If the indicator is blinking, the device is trying to connect to the other device or the connection has been lost.

## Useful shortcuts

Use shortcuts to quickly get the most from your device. Refer to the relevant sections in this user guide for further details of the functions.

## Idle mode

To switch between applications that are open, press and hold , and select an application. If memory is low, the device may close some applications. The device saves any unsaved data before closing an application.

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

To start the camera, press and hold the capture key for more than 1 second.

To call your voice mailbox (network service), press and hold **1**.

To open **Cingular Music** folder, press  or press and hold  to start **Music player**. See "Music key," p. 25.

To change the profile, press , and select a profile.

To switch between **Normal** and **Silent** profiles, press and hold **#**. If you have two phone lines (network service), this action switches between the two lines.

To open the last dialed numbers list, press .

To use voice commands, press and hold .

To start a connection to **Services** (network service), press and hold **0** or press . See "MEdia Net," p. 78.

For further shortcuts available in the idle mode, see "Active idle mode," p. 97.

## Edit text and lists

To mark an item in a list, scroll to it, and press  and  at the same time.

To mark multiple items in a list, press and hold  while you press  or . To end the selection, release , then release .

To copy and paste text: To select letters and words, press and hold . At the same time, press  or  to highlight text. To copy the text to clipboard, while still holding , select **Copy**. To insert the text into a document, press and hold , and select **Paste**.

## Keypad lock (keyguard)

Use the keypad lock to prevent accidental keypresses.

To lock, in the idle mode, press , then **\***. When the keys are locked,  is shown on the display.

To unlock with the fold open, press , then **\***.

To lock the keypad with the fold open, press the power key, and select **Lock keypad**.

To lock the keypad with the fold closed, press , then , or press the power key twice to highlight **Lock keypad**, and press and hold the power key to select it.

To unlock with the fold closed, press , then .

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

To turn on the display light when the keypad lock is on, press the power key.

## Volume and loudspeaker control

To increase or decrease the volume level when you have an active call or are listening to audio, press and hold   on the right side of the device.



The built-in loudspeakers allow you to speak and listen from a short distance without having to hold the device to your ear. Audio applications use the loudspeakers by default.

 **Warning:** Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing. Do not hold the device near your ear when the loudspeaker is in use, because the volume may be extremely loud.

To locate the loudspeakers, see "Keys and parts" in the Quick start guide.

To use the loudspeakers during a call, select **Options > Activate loudsp..**

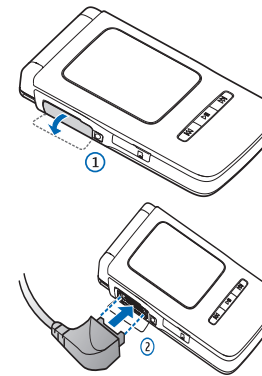
To turn off the loudspeakers, select **Options > Activate handset.**

## Headset

Connect a compatible headset to the Pop-Port™ connector of your device.

Ensure the headset connector is 'upside down' before connecting to your device. Do not use excessive force.

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





## Clock

Press , and select **Tools** > **Clock**. To set a new alarm, select **Options** > **Set alarm**. When an alarm is active,  is shown.

To turn off the alarm, select **Stop**, or to stop the alarm for 5 minutes, select **Snooze**.

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 using a wireless phone may cause interference or danger.

To cancel an alarm, select **Clock** > **Options** > **Remove alarm**.

### Clock settings

To change the clock settings, select **Clock** > **Options** > **Settings**.

To change the time or date, select **Time** or **Date**.

To change the clock shown in the idle mode, select **Clock type** > **Analog** or **Digital**.

To allow the mobile phone network to update the time, date, and time zone information to your device (network service), select **Network operator time** > **Auto-update**.

To change the alarm tone, select **Clock alarm tone**.

### World clock

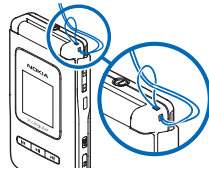
To open the world clock view, select **Clock**, and press . In the world clock view, you can view the time in different cities.

To add cities to the list, select **Options** > **Add city**. Enter the first letters of the city name. The search field appears automatically, and the matching cities are displayed. Select the required city. You can add a maximum of 15 cities to the list.

To set your current city, scroll to a city, and select **Options** > **My current city**. The city is displayed in the clock main view, and the time in your device is changed according to the city selected. Ensure that the time is correct and matches your time zone.

## Wrist strap

Thread a strap as shown, and tighten it.



## Settings

You may have MMS, GPRS, streaming, and Mobile Internet settings from your service providers already installed in your device, or you may receive the settings from the service providers as a special text message.

## Memory card

You can use a compatible microSD card as extra storage space to save the memory on your device. You can also back up information from your device to the memory card.



Use only compatible microSD cards with this device. Other memory cards, such as Reduced Size MultiMediaCards, do not fit in the memory 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.

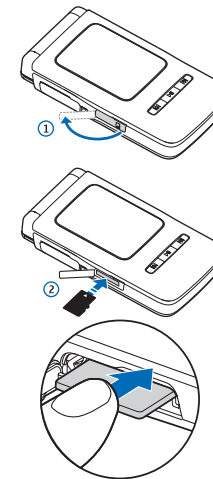
Use only microSD cards approved by Nokia for use with this device. Nokia utilizes the approved industry standards

for memory cards but not all other brands may function correctly or be fully compatible with this device.

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

### Insert the memory card

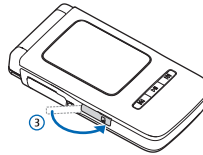
- 1 To insert the memory card, place your finger in the recess of the door of the memory card slot, and open the door.
- 2 Insert the memory card in the slot. Make sure that the contact area on the card is facing down and towards the slot with the bevelled corner facing the base of the device. Push the card in. You can hear a click when the card locks into place.



3 Close the door. You cannot use the memory card if the door is open.

#### Eject the memory card

- 1 Before you eject the card, press the power key, and select **Remove mem. card**. All applications are closed.
- 2 When **Remove memory card and press 'OK'** is displayed, open the door of the memory card slot.
- 3 Press the memory card to release it from the slot.
- 4 Remove the memory card.
- 5 If the device is switched on, select **OK**.



 Important: Do not remove the memory 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.



#### Memory card tool

Press , and select **Settings > Memory**. You can use a compatible memory card as extra storage space and to back up the information in the device memory.

To back up information from the device memory to a compatible memory card, select **Options > Backup phone mem.**

To restore information from the compatible memory card to the device memory, select **Options > Restore from card**.

#### Format a memory card

When a memory card is reformatted, 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.

To format a memory card, select **Options > Format mem. card**. Select **Yes** to confirm.



#### File manager

Many features of the device, such as address book, messages, images, videos, ringing tones, calendar notes, documents, and downloaded applications, use memory to store data. The free memory available depends on how much data is already saved in the device memory.

You can use a compatible memory card as extra storage space. Memory cards are rewritable, so you can delete old information and save new data on a memory card.

To browse files and folders in the device memory or on a memory card (if inserted), press , and select **Settings > File mgr.**. The device memory view () opens. Press , if available, to open the memory card view (), if available.

To move or copy files to a folder, press  and  at the same time to mark a file, and select **Options > Move to folder** or **Copy to folder**.

To find a file, select **Options > Find** and the memory from which to search, and enter a search text that matches the file name.

## View memory consumption

To view what types of data you have in the device and how much memory the different data types consume, select **Options > Check memory**. The amount of available free memory is shown in **Free memory**.

## Memory low—free memory

The device notifies you if the device or the memory card memory is low.

To free device memory, transfer data to a compatible memory card, if you have one. Mark files to be moved, and

select **Move to folder > Memory card** and a folder. You can also transfer media files to a compatible PC using Nokia PC Suite.

 **Tip!** You can use Nokia Phone Browser available in Nokia PC Suite to view the different memories in your device and transfer data.

To remove data to free memory, use **File mgr.**, or go to the respective application. For example, you can remove the following:

- Messages from **Inbox**, **Drafts**, and **Sent** folders in **Message**.
- Retrieved e-mail messages from the device memory
- Saved Web pages
- Saved images, videos, or audio files
- Contact information
- Calendar notes
- Downloaded applications. See also "Application manager," p. 109.
- Any other data that you no longer need

You can also shrink images within **My Stuff**, so that they use less memory. See "Shrink," p. 48.

## Music key

With the music key, you have quick access to **Music player** and the **Cingular Music** folder containing multimedia content and predefined applications.

To open **Music player**, press and hold . To open the **Cingular Music** folder, press . To open the desired application, press .

## Mode key

The mode key is a multi-function key, allowing you to switch easily between selected applications.

Press and hold  to open the latest taken photo in **My Stuff**.

In **Camera**, press  to switch between **Image mode** and **Video mode**.

In **My Stuff**, press  to switch between Tile and Thumbnail views.

With the fold closed, in **Music player**, press  to switch between **Now playing** and **Music library** views.

With the fold closed, in **Radio**, press  to switch between Channel and Channel list views.

With the fold closed and the device in idle mode, press  to switch between 'basic' idle (clock and softkeys available); 'today' idle (calendar view); and 'picture' idle (where the user can select a picture to display).



## Transfer content from another device

You can transfer content, such as an address book (or contacts), between compatible Nokia devices using Bluetooth connectivity or infrared. The type of content that can be transferred depends on the Nokia device you are trying to transfer content to. If the other device supports synchronization, you can also synchronize data between the other device and your Nokia device.

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

You can insert your SmartChip card in the other device. When your Nokia device is switched on without a SmartChip card, the offline profile is automatically activated.

**Transfer content (to your device)**

- 1 To use the application for the first time, press  on your Nokia device, and select **Settings** > **Transfer**. If you have used the application before and want to start a new transfer, select **Transfer data**. In the information view, select **Continue**.
- 2 Select whether you want to use Bluetooth connectivity or infrared to transfer the data. Both devices must support the selected connection type.
- 3 If you select Bluetooth connectivity:  
To have your Nokia device search for devices with Bluetooth connectivity, select **Continue**. Select your other device from the list. You are asked to enter a code on your Nokia device. Enter a code (1-16 digits), and select **OK**. Enter the same code on the other device, and select **OK**. The devices are now paired. See "Pair devices," p. 114.  
For some phone models, the **Transfer** application is sent to the other device as a message. To install **Transfer** on the other device, open the message, and follow the instructions on the display.  
If you select infrared, connect the two devices. See "Infrared connection," p. 115.
- 4 From your Nokia device, select the content you want to copy from the other device.

Content is copied from the memory of the other device to the corresponding location in your Nokia device. Copying

time depends on the amount of data to be transferred. You can cancel copying and continue later.

If the other device supports synchronization, you can keep the data up-to-date in both devices.

 **Tip!** Synchronizing data means that data is made the same in each device, including deleted data. Use **Transfer data** to copy data from one device to another.

To start a synchronization with a compatible Nokia device, select **Phones**, scroll to the device, and select **Options** > **Synchronize**. Follow the instructions on the display.

To view the log of a previous transfer, select **Transfer log**.

## Support

### Nokia support and contact information

Check [www.nokia.com/support](http://www.nokia.com/support) or your local Nokia Web site for the latest version of this guide, additional information, downloads, and services related to your Nokia device.

On the Web site, you can find information on the use of Nokia products and services. If you need to contact customer service, check the list of local Nokia contact centers at [www.nokia.com/customerservice](http://www.nokia.com/customerservice).

For maintenance services, check your nearest Nokia service center at [www.nokia.com/repair](http://www.nokia.com/repair).



### Help

Your device has context-sensitive help. When an application is open, select **Options > Help** to access help for the current view.

To switch between help and the application that is open in the background, press and hold **Alt**.

To open help from the main menu, select **Tools > Help**. Select the desired application to view its help topics. To search for help topics using keywords, select **Options > Search by keyword**.

When you are reading a help topic, scroll left or right to view other related topics.



### Tutorial

The tutorial gives you information about some of the features of your device.

To access the tutorial in the menu, press **Alt**, and select **Tools > Tutorial** and the section you want to view.

## Camera

Your Nokia device has a high resolution camera on the back of the device that you can use to take still pictures and record videos.

This device supports an image resolution of 1600x1200 pixels (2 Mp). The image resolution in these materials may appear different.

The images and video clips are automatically saved in the **Imgs. & video** folder in **My Stuff**. The camera produces .jpeg images. Video clips are recorded in the .mp4 file format, or in the 3GPP file format with the .3gp file extension (**Sharing** quality). See "Video settings," p. 35.

You can send images and video clips in a multimedia message, as an e-mail attachment, or by using Bluetooth connectivity.

### Take pictures

When taking a picture, note the following:

- Use both hands to keep the camera still.
- The quality of a digitally zoomed picture is lower than that of a nonzoomed picture.

- The camera switches to battery saving mode if there are no keypresses for a short while. To continue taking pictures, press .

To take a picture using the cover display as the viewfinder (fold closed), do the following:

- 1 If the camera is in **Video mode**, press  to switch to **Image mode**.
- 2 Press . Do not move the device before the image is saved.

To take a picture using the main display as the viewfinder, do the following:

- 1 Open the fold. If the camera is in **Video mode**, press  to select the **Image mode** from the active toolbar.
- 2 Press . Do not move the device before the image is saved.

To zoom in or out, in the main display, press  or . In the cover display, press  .

To make lighting and color adjustments before taking a picture, in the main display, press  or  to scroll to items on the active toolbar. In the cover display, press  to activate the toolbar, and   to scroll to items. See "Adjust color and lighting," p. 32 and "Scenes," p. 32.

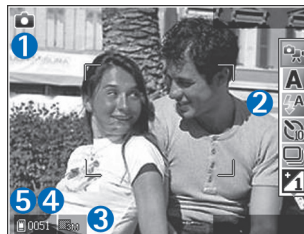
Saving the captured image may take longer if you change the zoom, lighting, or color settings.

To free memory before taking a picture, in the main display, select **Options > Go to free memory** (only available if you have backed up images or video clips).

### Still image camera indicators

The still image camera viewfinder (main display) displays the following:

- The current capture mode indicator (1)
- The active toolbar (2), which you can scroll through before capturing the image to change **Scene modes**, adjust the flash setting, activate the self-timer or sequence mode, or adjust **Exposure compensation**, **White balance** or **Color tone** (the active toolbar is not displayed during image capture). See "Active toolbar", p. 29.
- The image resolution indicator (3) indicates whether the quality of the image is **Print 2M – Large** (1600x1200 resolution), **Print**



**1M – Medium** (1152x864 resolution) or **Multimedia message 0.3M – Small** (640x480 resolution).

- The image counter (4) displays the estimated number of images you can capture using the current image quality setting and memory in use (the counter is not displayed during focus and image capture).
- The device memory (📁) and memory card (📁) indicators (5) show where images are saved.

To display all viewfinder indicators, select **Options > Show icons**. To display only the camera status indicators, select **Hide icons**.

### Active toolbar

You can use the active toolbar as a shortcut to select items and adjust different settings before taking a picture or recording a video.

If you are using the main display as a viewfinder, scroll to the item you want, and press **⏏**.

If you are using the cover display as a viewfinder, press **▶II** to display the active toolbar, use **◀▶** to scroll to the item you want, and press **▶II**.

## Camera

The available options vary depending on the capture mode. You can also define whether the active toolbar is always visible on the display or activated by a key press.

If you want the active toolbar to be visible on the main display before and after taking a picture or recording a video, select **Options > Show icons**.

If you want the active toolbar to be visible on the main display only when required, select **Options > Hide icons**. To activate the active toolbar, press .

Before taking a picture or recording a video, in the active toolbar, select from the following:

-  to select the scene
-  to select the flash mode (images only)
-  to activate the self-timer (images only). See "You in the picture—self-timer," p. 33.
-  to activate the sequence mode (images only). See "Take pictures in a sequence," p. 33.
-  to adjust the exposure compensation (images only)



-  to adjust white balance
-  to select a color effect

The icons change depending on the current status of the setting.

The available options may vary depending on the view you are in.

See also active toolbar options in "After taking a picture," p. 30, "After recording a video," p. 34, and "Active toolbar," p. 29 in **My Stuff**.

## After taking a picture

After you take a picture, there are several things you can do with the image using the active toolbar in the main display (available only if **Show captured image** is set to **On** in the still image camera settings).

If you do not want to keep the image, select **Delete**.

To send the image using multimedia, e-mail, Bluetooth connectivity, or infrared, or upload it to your online album, press the call key, or select **Send**. For more information, see "Messaging," p. 55, "Bluetooth connectivity," p. 112. This option is not available during an active call. You can also send the image to a call recipient during an active call. Select **Send to caller** (only available during an active call).

To tag images to the print basket for later printing, select **Add to Print Basket**.

To print the picture, select **Print**.

To capture a new image, select **New image**.

To rename the image, select **Options > Rename image**.

To use the picture as wallpaper in the active idle mode, select **Options > Set as wallpaper**.

## Still image camera settings

There are two kinds of settings for the still image camera; those which you can select using the active toolbar, and the main settings. To adjust the active toolbar settings, see "Adjust color and lighting," p. 32. Settings made using the active toolbar return to the default settings after you close the camera, but the main settings remain the same until you change them again. To change the main settings, select **Options > Settings** and from the following:

**Image quality**— **Print 2M - Large** (1600x1200 resolution), **Print 1M - Medium** (1152x864 resolution) or **Multimedia message 0.3M - Small** (640x480 resolution) If you want to print the image, select **Print 2M - Large**. If you want to send it through e-mail, select **Print 1M - Medium**. To send the image through MMS, select **Multimedia message 0.3M - Small**.

**Add to album**—Select whether you want to save the image to a certain album in **My Stuff**. If you select **Yes**, a list of available albums opens.

**Show captured image**—Select **On** if you want to see the captured image after it is taken or **Off** if you want to continue taking pictures immediately.

**Default image name**—Define the default name for the captured images.

**Extended digital zoom**—Select **On** to allow the zoom increments to be smooth and continuous between digital and extended digital zoom. If you want to limit the zoom to where the selected image quality is maintained, select **Off**.

**Capture tone**—Select the tone you want to hear when you take a picture.

**Memory in use**—Select where to store your images.

**Restore camera settings**—Select **OK** to return the default values to the camera settings.

## Flash

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

## Camera

The camera has an LED flash for low light conditions. The following flash modes are available for the still image camera: **Automatic** (ⓘ), **On** (ⓘ), and **Off** (ⓘ).

To select the desired flash mode, use the active toolbar.

### Adjust color and lighting

To enable the camera to reproduce colors and lighting more accurately, or to add effects to your pictures or videos, scroll through the active toolbar. Select from the following options: **Scene modes**, **Flash mode**, **Switch to sequence mode**, **Exposure compensation**, **White balance** and **Color tone**. Not all options are available in **Video mode**.

The screen display changes to match any settings you make, so that you see how the change affects the pictures or videos.

These settings return to the default settings when you close the camera.

If you select a new scene, the color and lighting settings are replaced by the selected scene. See "Scenes," p. 32. You can change the settings after selecting a scene if necessary.

## Scenes

A scene helps you find the correct color and lighting settings for the current environment. Select a scene for taking pictures or recording video clips from the scene list. The settings of each scene have been set according to a certain style or environment.

In the main display, scroll through the active toolbar, and select from the following options:

Video scenes

**Automatic** (ⓘ) (default) and **Night** (ⓘ).

Image scenes

**Auto** (ⓘ) (default), **User defined** (ⓘ), **Portrait** (ⓘ), **Landscape** (ⓘ), **Night** (ⓘ), and **Night portrait** (ⓘ).

When you take pictures, the default scene is **Auto**. You can select the **User defined** scene as the default scene.

To make your own scene suitable for a certain environment, in the main display, scroll to **User defined**, and select **Options > Change**. In the user defined scene you can adjust different lighting and color settings. To copy the settings of another scene, select **Based on scene mode** and the desired scene. In the cover display, select **Settings > User scene > Change**. To copy the settings of another scene, select **Based on scene**.

## Take pictures in a sequence

To set the camera to take pictures in a sequence (if enough memory is available), using the active toolbar in the main display, select **Sequence mode**.

In sequence mode, you can select **Burst** to capture six images in quick succession, or set an interval between time-lapse shots. You can set the time-lapse interval to **5 sec, 10 sec, 30 sec, 1 min, 5 min, 10 min** or **15 min**.

To take pictures, press . After you take the pictures, they are shown in a grid on the display. To view a picture, press to open it.

To return to the sequence mode viewfinder, press .

## You in the picture—self-timer

Use the self-timer to delay the capture so that you can include yourself in the picture. To set the self-timer delay, in the active toolbar, select **Self timer > 2 seconds, 10 seconds, or 20 seconds**. To activate the self-timer, select **Activate**. The device beeps when the timer is running. The camera takes the picture after the selected delay elapses.

To switch off **Self timer**, in the active toolbar, select **Self timer > Off**.

You can also use the self-timer in the sequence mode.

## Record videos

To record videos using the cover display as the viewfinder (fold closed):

- 1 If the camera is in the **Image mode**, press to switch to Video mode.
- 2 To start recording, press . The red record icon is shown and a tone sounds, indicating that recording has started.
- 3 To stop recording, press or select **Stop**. The video clip is automatically saved to the **Imgs. & video** folder of **My Stuff**. See "My Stuff," p. 46. The maximum length of the video is 60 minutes (if enough memory is available).

To record videos using the main display as the viewfinder:

- 1 Open the fold. If the camera is in the **Image mode**, select Video mode from the active toolbar.
- 2 To start recording, press . The red record icon is shown and a tone sounds, indicating that recording has started.
- 3 To stop recording, press or select **Stop**. The video clip is automatically saved to the **Imgs. & video** folder of **My Stuff**. See "My Stuff," p. 46. The maximum length of the video is 60 minutes (if enough memory is available).

To pause recording at any time, select **Pause**. The pause icon () blinks on the display. Video recording

## Camera

automatically stops if recording is set to pause and there are no keypresses within a minute. Press the  again to resume recording.

To zoom in or out, press  or  (if using the main display), or   (if using the cover display).

To make lighting and color adjustments before recording a video, scroll to items on the active toolbar. See "Adjust color and lighting," p. 32 and "Scenes," p. 32.

To free memory before recording a video, in the main display, select **Options** > **Go to free memory** (only available if you have backed up images or video clips).

### Video capture indicators

The video viewfinder (main display) displays the following:

- The current capture mode indicator (1)
- The audio mute on indicator (2)
- The active toolbar (3), which you can scroll through before recording to change **Scene modes** or adjust **White balance** or **Color tone** (the toolbar is not displayed during recording)
- The total available video recording time (4). When you are recording, the current video length indicator also shows the elapsed time and time remaining.

- The device memory () and memory card () indicators (5) show where videos are saved.
- The video quality indicator (6) indicates whether the quality of the video is **High**, **Normal**, or **Sharing**.
- The video clip file type (7)



To display all viewfinder indicators, select **Options** > **Show icons**. Select **Hide icons** to display only the video status indicators, and during the recording, the available record time, zoom bar when zooming, and the selection keys.

### After recording a video

After you record a video clip, select the following from the active toolbar in the main display (available only if **Show captured video** is set to **On** in Video settings):

To immediately play the video clip you just recorded, select **Play**.

If you do not want to keep the video, select **Delete**.

To send the video clip using multimedia, e-mail, Bluetooth connectivity, or infrared, or upload it to your online album,

press the call key, or select **Send**. For more information, see "Messaging," p. 55, "Bluetooth connectivity," p. 112. This option is not available during an active call. You cannot send video clips saved in the .mp4 file format in a multimedia message. You can also send the video clip to a call recipient during an active call. Select **Send to caller**.

To record a new video clip, select **New video**.

To rename the video, select **Options > Rename video**.

## Video settings

There are two kinds of settings for the video recorder; those which you can select using the active toolbar, and main settings. To adjust the active toolbar settings, see "Adjust color and lighting," p. 32. The active toolbar settings return to the default settings after you close the camera, but the main settings remain the same until you change them again. To change the main settings, in the main display, select **Options > Settings** and from the following:

**Video quality**—Set the quality of the video clip to **High** (best quality for long term usage and playback on a compatible TV or PC and handset), **Normal** (standard quality for playback through your handset), or **Sharing** (limited video clip size to send using multimedia message). If you want to view the video on a compatible TV or PC, select **High**, which has CIF resolution (352x288) and the

.mp4 file format. To send the video clip through MMS, select **Sharing** (QCIF resolution, .3gp file format). The size of the video clip recorded with **Sharing** is limited to 300 KB (about 20 seconds in duration) so that it can be conveniently sent as a multimedia message to a compatible device.

**Audio recording**—Select **On** if you want to record both image and audio.

**Add to album**—Select whether you want to add the recorded video clip to a certain album in **My Stuff**. Select **Yes** to open a list of available albums.

**Show captured video**—Select whether you want the first frame of the recorded video clip to be shown on the display after the recording stops. Select **Play** from the active toolbar to view the video clip.

**Default video name**—Define the default name for the captured video clips.

**Memory in use**—Define the default memory store: device memory or memory card (if inserted).

**Restore camera settings**—Select **OK** to return the default values to the camera settings.

## Cingular Music

To access **Cingular Music** press , and select **Cingular Music**. Alternatively, just press .

### Music player

**Music player** lets you listen to music on your device using the loudspeaker or headset, and lets you create playlists of songs.

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

You can listen to music with the fold open or closed. If you are listening to music when a call comes in, the music pauses when you answer the call, and resumes shortly after the end of the call. The music also pauses if you use the video camera.

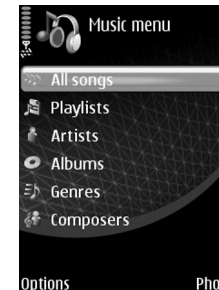
**Music player** supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, WAV, 3G2, 3GP, 3GPP, 3GPP2, MPEG, MP4, M4A, DCF, ODF, ASF, and M3U. **Music player** does not necessarily support all features of a file format or all the variations of file formats.

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

### Play music

To play music with the fold open, do the following:

- 1 Press  and select **Music player**. Alternatively, press and hold  to go to the **Music menu** view.
- 2 In **Music menu** view, select a category such as **All tracks** or **Albums**.
- 3 Select the music you want to play.



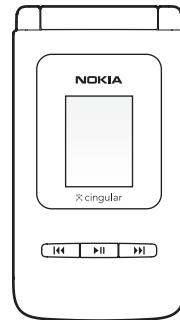
In **Now playing** view, use the scroll keys to control playback:

- Press  to play or pause a song
- Press  or  to skip backwards or forwards
- Press  to stop playback

To return from **Now playing** view to **Music menu** view, where you can select more music, select **Options > Go to Music menu**.

To play music with the fold closed, do the following:

- 1 In the idle mode, press **⏮**.
- 2 In **Music menu** view, use the volume keys on the side of the device to select a category such as **All tracks** or **Albums**. Press **▶||**.
- 3 Use the volume keys to select the music you want to play, and press **▶||**.



In **Now playing** view, use the cover keys to control playback:

- Press **▶||** to play or pause a song
- Press **⏮** or **⏭** to skip backwards or forwards

To return to **Music menu** view from **Now playing** view, where you can select more music, press **⏮**. To return to **Now playing** view, press **⏮** again.

To return to view from the idle mode, press **▶||**.

## Random and repeat play

To switch random play on or off, select **Options > Shuffle > On** or **Off**. When random play is selected, the shuffle icon  is displayed in the top right corner.

To repeat the current song, all songs, or to switch repeat off, select **Options > Repeat > Repeat song** or **All** or **Off**. When repeat is selected, either the repeat song  or the repeat all icon  is displayed in the top right corner.

## Playlists

### Create a playlist

To create a playlist of songs, in the main display, do the following:

- 1 In **Music menu** view, select **Playlists**.
- 2 Select **Options > Create playlist**.
- 3 Enter a name for the playlist, and select **OK**.
- 4 Expand and collapse an artist title to find the songs you want to include in the playlist. Press  to add items. To show the song list under an artist title, scroll to the right. To hide the song list, scroll to the left.
- 5 When you have made your selections, select **Done**.

### Add songs to a playlist

You can add songs to an existing playlist or first create a new playlist.

- 1 In a song list, select **Options > Add songs**.
  - 2 Expand and collapse an artist title to find the songs you want to include in the playlist. Press  to add items. To show the song list under an artist title, scroll to the right. To hide the song list, scroll to the left.
  - 3 When you have made your selections, select **Done**.
-  **Tip!** You can add songs to a playlist that is currently playing.  
To search for a song, begin entering letters with the keypad.

#### Reorder songs

- 1 Select **Options > Reorder list** in a playlist.
  - 2 The selected song is ready to be moved. Scroll up or down to move it or leave it there, and select **Drop**.
  - 3 Scroll to the song you want to move, and select **Grab**.
  - 4 Scroll to a new position, and select **Drop**.
  - 5 When you have reordered the list, select **Done**.
-  **Tip!** To grab and drop, you can also press .

#### Remove songs from a playlist

You can remove songs from a playlist.

- 1 Scroll to a song in a playlist.
- 2 Select **Options > Remove from playlist**.
- 3 Select **Yes** to confirm. This deletion does not delete the song from the device; it only removes it from the playlist.

#### Add items from views to a playlist

You can add songs, albums, artists, genres, and composers from different views of **Music menu** to existing or new playlists.

- 1 In a view opened from **Music menu**, select an item.
  - 2 Select **Options > Add to a playlist > Saved playlist** or **New playlist**.
  - 3 If you select **New playlist**, enter a name for the playlist, and select **OK**.
  - 4 If you select **Saved playlist**, select the playlist and **OK**.
-  **Tip!** In some of the views you can select multiple songs to be added by selecting **Options > Mark/Unmark > Mark**.

 **Tip!** You can add a song that you are currently listening to to a playlist.

#### Automatic playlists

The following playlists appear in the playlist view automatically:

**Most played tracks**—Includes the 40 most-played songs listed from the most recently played songs

**Recent tracks**—Includes 40 most recently played songs in reverse order, ending with the most recently played song

**Recent additions**—Includes songs that you have added to the library within the past week

## Visualizations

Visualizations are animations that are timed to the beat of the music, and they show in the main display. To start a visualization, in **Now playing** view, select **Options** > **Visualization** and a visualization.

To return to **Now playing** view, select **Close**.

## Modify audio

### Equalizer

To modify the tone of the music playback, in the main display, select **Options** > **Equalizer**.

To use one of the preset equalizer settings, scroll to it, and select **Activate**. Each preset has different settings on an 8-band graphic equalizer.

### Modify equalizer presets

- 1 To create a new preset, select **Options** > **New preset**. To modify an existing preset, select **Options** > **Edit**.
- 2 To adjust the frequency settings, scroll left or right to select a frequency band and up or down to increase or decrease the volume of the selected frequency band.
- 3 To reset the settings to their original values, select **Options** > **Reset to defaults**.

To delete a preset, scroll to it, and press **⏏**. The default presets cannot be deleted.

## Audio settings

To modify the balance and stereo image or to enhance bass, select **Options** > **Audio settings**.

## Rename items

- 1 In the **Music menu** view, select **Artist**, **Album**, **Genre**, or **Composer** > **Options** > **Rename**.
- 2 Enter the new name, and select **OK**. All songs that belong to the selected artist, album, genre, or composer are updated.

## Set a song as a ringing tone

- 1 Select a song (file size smaller than 600kB).
- 2 Select **Options** > **Set as ringing tone**. The selected song is set as the ringing tone for the active profile.

Some media files, such as images, music, or video clips, are protected with digital usage rights. The activation keys for such files may allow or restrict their usage. For example, you may listen to a music track only a limited number of times. During one playback time, you may rewind or fast-forward the track, or pause it, but once you stop the track, you have used one usage time.

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

## Add music

When you insert a memory card, the device asks whether you want to scan the memory card for new music files. If you select **Yes**, music playback stops while the device scans the memory card and updates the music library. After you add or remove music files in the device, you can update your music library. In **Music menu** view, select **Options > Update Music library**.

 **Tip!** You can transfer music files from your device to a compatible memory card (if inserted) with Nokia Audio Manager available in Nokia PC Suite.

If you remove the memory card while music is playing, playback stops while the device removes any songs on the memory card from your music library.

 **Tip!** You can synchronize music files between a compatible PC and your device using Windows Media Player.

You can transfer music from a compatible PC or other compatible devices using a USB cable or Bluetooth connection. For details about connecting your device, see "Settings," p. 99.

## Transfer music

You can use three different methods to transfer music to your device:

- To synchronize music files from a compatible PC to your device with Windows Media Player, attach the USB cable and select **Media player** as the connection method. Use this method to copy WMDRM protected music (both purchased and subscription) to your device. This option copies both the music and the license to use it.
- To use Nokia Audio Manager in Nokia PC Suite, attach the USB cable and select **PC Suite** as the connection method. Use this method to rip and convert music to newer formats like eAAC+.
- To view your device on your PC as an external hard drive, connect to your PC with Cable or Bluetooth connectivity. If you are using the USB cable, select **Data transfer**. Use this method to be able to drag and drop files to your device's memory card. You may not be able to transfer data that has been protected against copying.

## Get connected with Windows Media Player

 **Note:** Windows Media Player version 10 or later is required to synchronize music files. If you have an older version of Windows Media Player, please visit the Microsoft website to download a later version.

To synchronize music files from a compatible PC to your device with Windows Media Player:

- 1 Install Windows Media Player drivers on to your PC from the CD-ROM provided.
- 2 Start Windows Media Player version 10 or later (or other PC client that can handle purchased content).
- 3 Connect your device to the PC using the USB cable and select **Media player** mode. Windows recognizes a new device is connected and attempts to install the required driver.
- 4 At the first screen of the install wizard, select 'No, not this time'. At the second screen, select 'Install the software automatically (Recommended)'. When the driver installation is complete, your Nokia device appears under 'Portable devices' in the Windows Media Player window. You are now ready to start synchronizing music to your device.

 **Note:** Upgrading to a later version of Windows Media Player may require you to install a different version of driver.



## Music ID

**Music ID** allows you to find out title, artist and other information about a song. To open the application, press , and select **Music ID**. From the following, select:

**ID song!** - to connect to the web. If the song is identified, the relevant song information is returned to your device.

**manage ids** - to place identified songs in this folder.

**help me out** - to open online help.

**exit** - to close the application.



## MobiRadio

**MobiRadio** allows you to listen to digital music channels on your device. To open the application, press , and select MobiRadio.

To change channels, press  or . Pause for a moment to allow the device to respond.

To enter a channel number directly, press  to open the channel guide, followed by the channel number, and then press **OK**.

To change the volume, press  or .

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

For more information, visit [www.mobitv.com](http://www.mobitv.com)



## Shop Music

**Shop Music** allows you to purchase music online. To connect to Cingular's music download site, press , and select **Shop Music**.

You can search, browse, and purchase music for downloading to your device. The variety, availability and appearance of these services may vary.

- 1 In **Music menu** view, select **Options > Go to Music shop**. This option is not available if the music service Web address has not been defined. See "Shop settings," p. 42.
- 2 Choose from the options on the screen to search, browse, or select ringing tones.

### Shop settings

The settings may also be predefined and not editable.

You must have valid Internet connections in order to use this service. For more details, see "Access points," p. 102.

The availability and appearance of music shop settings may vary.

You also must have the Web address of Music shop defined in music shop settings.

To change or define the Web address for Music shop, in **Music menu** view, select **Options > Go to Music shop**.

In Music shop, select **Options > Settings**. Define the following:

**Address:**—Enter the Web address of the Music shop service.

**Default access point:**—Enter the default access point. This may be supplied by your service provider.

**User name:**—Enter your user name for Music shop. If this field is left empty, you may have to enter your user name at login.

**Password:**—Enter your password for Music shop. If this field is left empty, you may have to enter your password at login.



### Music Video

**Music Video** allows you to purchase music videos online. To connect to Cingular's music video download site, press , and select **Music Video**.

Contact your service provider for more information.



### Billboard

**Billboard** allows you to obtain the latest music industry news and information.

To access this service, press , and select **Billboard**. Press **OK** to accept the disclaimer.

Contact your service provider for more information.



## Community

**Community** allows you to interact with friends and the community via one or more of the online 'hot user' communities. To open the application, press , and select **Community**



## Music Apps

**Music Apps** allows you to purchase music related applications to download to your device.

To open the application, press , and select **Music Apps**

## Digital Rights Management

Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM protected content. With this device you can access content protected with WMDRM 10 and OMA DRM 1.0 (forward lock only). If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software

does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.

## Cingular Video



## Cingular Video

Cingular Video allows access to a range of video media from categories including news, sport, weather, and entertainment.

To access Cingular Video press , and select **Video** (network service). Select a category and play a clip.

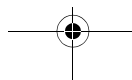
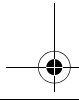
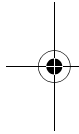


## Cingular Mall

Press , and select **Mall** (network service).

Cingular Mall allows access to a range of Cingular download sites.

For more information, contact your service provider.



## My Stuff

To store and organize your images, video clips, audio clips, playlists, and streaming links, press , and select **My Stuff**.

### View and browse files

Select **Images & video** , **Tracks** , **Audio** , **Streaming links** , **Presentations** , or **All files** .

You can browse and open folders; and mark, copy, and move items to folders. You can also create albums; and mark, copy, and add items to albums. See "Albums," p. 49.

Files stored on your compatible memory card (if inserted) are indicated with .

To open a file, select it. Video clips, .ram files, and streaming links are opened and played in **RealPlayer**, and music and audio clips in **Music**. See "RealPlayer," p. 90, and "Cingular Music," p. 36.



To copy or move files to the memory card (if inserted) or to device memory, select a file and **Options** > **Move and copy** > **Copy to memory card** or **Move to memory card**, or **Copy to phone mem.** or **Move to phone mem..**

To download tracks or audio clips into **My Stuff** using the browser, in the **Tracks** or **Audio** folders, select **Track downl.** or **Audio downl.**. To download images or videos, in the **Images & video** folder, select the download photos or download videos icon. The browser opens, and you can select a bookmark from which the site can download.

### Images and video clips

Pictures taken and video clips recorded with the camera are stored in the **Images & video** folder in **My Stuff**. Images and video clips can also be sent to you in a multimedia message, as an e-mail attachment, through Bluetooth connectivity, or by using infrared. To be able to view a received image or video clip in **My Stuff** or in the media player, you must save it in the device memory or on a memory card (if inserted).

Open the **Images & video** folder in **My Stuff**. The images and video clip files are in a loop, and ordered by date. The number of files is displayed. To browse the files one by one,

scroll left or right. To browse files in groups, scroll up or down.

To open an image or video clip, select it.

When an image is opened, you can do the following:

- Zoom in or out—Select **Options > Zoom in** or **Zoom out**. The zooming ratio is shown on the lower left part of the display. The zooming ratio is not stored permanently.
- Rotate it left or right—Select **Options > Rotate**.
- Access shortcuts using the active toolbar. See "Active toolbar," p. 47.

To edit a video clip or a photo, select **Options > Edit**. An image editor or a video editor opens. See "Edit video clips," p. 50. See "Edit images," p. 50.

To create custom video clips, select a video clip or several clips in **My Stuff** and **Options > Edit**. See "Edit video clips," p. 50.

To print your images on a compatible printer, or to store them on your memory card (if inserted) for printing, select **Options > Print**. See "Print images," p. 48. You can also tag images for later printing by adding them to the print basket in **My Stuff**. See "Print basket," p. 49.

To add an image or a video clip to an album in **My Stuff**, select **Options > Albums > Add to album**. See "Albums," p. 49.

To use an image as a background picture, select the image and **Options > Use image > Set as wallpaper**.

To delete an image or video clip, press **C**.

## Active toolbar

When you have opened an image or a video clip, you can use the active toolbar as a shortcut to select different tasks.

In the active toolbar, scroll up or down to different items, and select one. The available options vary depending on the state you are in and on whether you have selected an image or a video clip. You can also define whether the active toolbar is always visible on the display or activated by a keypress:

- If you want the active toolbar to be always visible on the display, select **Options > Show icons**.
- If you want the active toolbar to be visible only when you need it, select **Options > Hide icons**. To activate the active toolbar, press **Q**.

Select from the following:

▶ to play the selected video clip

✉ to send the selected image or video clip

🖨 / 🗑 to add or remove an image from the print basket. See "Print basket," p. 49.

## My Stuff

-  to view the images in the print basket
-  to start a slide show of the images in the selected album
-  to delete the selected image or video clip
-  to print the viewed image

The available options may vary depending on the view you are in.

## Shrink

To free memory for new pictures, reduce the resolution of images saved in **My Stuff**. To back up the images first, copy them to a compatible PC or other location. To reduce the resolution of images, select **Options > Shrink**. To reduce the resolution of an image to 640x480, select **Options > Shrink..**

To increase free memory space after you have copied items to other locations or devices, select **Options > Free memory**. You can browse a list of files you have copied. To remove a copied file from **My Stuff**, select **Options > Delete**.

## Print images

To print images with **Image print**, select the image you want to print, and the print option in **My Stuff**, **Camera**, image editor, or image viewer.

Select **Image print** to print your images using the USB data cable supplied with your device, Bluetooth connectivity, or a compatible memory card (if available).

You can only print images that are in .jpeg format. The pictures taken with the camera are automatically saved in .jpeg format.

To print to a printer compatible with PictBridge, connect the data cable before you select the print option.

## Printer selection

When you select **Image print** for the first time, a list of available compatible printers is displayed after you select the image. Select a printer. The printer is set as the default printer.

If you have connected a printer compatible with PictBridge using Nokia Connectivity Cable CA-53, the printer is automatically displayed.

If the default printer is not available, a list of available printing devices is displayed.

To change the default printer, select **Options > Settings > Default printer**.

## Print preview

The print preview view opens only when you start printing an image in **My Stuff**.

The selected images are displayed using predefined layouts. To change the layout, scroll left and right through the available layouts for the selected printer. If the images do not fit on a single page, scroll up or down to display the additional pages.

## Print settings

The available options vary, depending on the capabilities of the printing device you selected.

To set a default printer, select **Options > Default printer**.

To select the paper size, select **Paper size**, the size of paper from the list, and **OK**. Select **Cancel** to return to the previous view.

## Print basket

You can tag images to the print basket, and print them later with a compatible printer or in a compatible printing kiosk, if available. See "Print images," p. 48. The tagged images are indicated with  in the **Images & video** folder and albums.

To tag an image for later printing, select it and **Add to Print Basket** from the active toolbar; or scroll to it in the

**Images & video** folder, and select **Options > Print > Add to print basket**.

To view the images in the print basket, select **View Print Basket** from the active toolbar, or select the print basket icon  from the **Images & video** folder (available only when you have added pictures to the print basket).

To remove an image from the print basket, select an image in the **Images & video** folder or in an album and **Remove from print** from the active toolbar.

## Albums

With albums you can conveniently manage your images and video clips. To view the albums list, in the **Images & video** folder, select **Options > Albums > View albums**.

To add a picture or a video clip to an album in **My Stuff**, scroll to it and select **Options > Albums > Add to album**. A list of albums opens. Select the album to which you want to add the picture or video clip.

To remove a file from an album, press . The file is not deleted from the **Images & video** folder in **My Stuff**.

To create a new album, in the albums list view, select **Options > New album**.

## Edit images

To edit pictures after taking them, or the ones already saved in **My Stuff**, select **Options > Edit**.

Select **Options > Apply effect** to open a grid where you can select different edit options indicated by small icons. You can crop and rotate the image; adjust the brightness, color, contrast, and resolution; and add effects, text, clip art, or a frame to the picture.

### Crop image

To crop an image, select **Options > Apply effect > Crop**. To crop the image size manually, select **Manual** or select a predefined aspect ratio from the list. If you select **Manual**, a cross appears in the upper left corner of the image. Scroll to select the area to crop, and select **Set**. Another cross appears in the lower right corner. Again select the area to be cropped. To adjust the first selected area, select **Back**. The selected areas form a rectangle, which forms the cropped image.

If you selected a predefined aspect ratio, select the upper left corner of the area to be cropped. To resize the highlighted area, use the scroll key. To freeze the selected area, press . To move the area within the picture, use the scroll key. To select the area to be cropped, press .

## Reduce red eye

To reduce red eye in an image, select **Options > Apply effect > Red eye reduction**. Move the cross onto the eye, and press . A loop appears on the display. To resize the loop to fit the size of the eye, move the scroll key. To reduce the redness, press .

## Shortcuts

Shortcuts in the image editor:

- To view an image in the full screen, press **\***. To return to the normal view, press **\*** again.
- To rotate an image clockwise or counterclockwise, press **3** or **1**.
- To zoom in or out, press **5** or **0**.
- To move on a zoomed image, scroll up, down, left, or right.

## Edit video clips

To edit video clips in **My Stuff** and create custom video clips, scroll to a video clip, and select **Options > Edit > Merge, Change audio, Add text, Cut**, or **Create muvee**.

 **Tip!** You can use **Movie director** to create custom video clips. Select the video clips and images with which you want to create a muvee and **Options > Edit > Create muvee**. See "Movie director," p. 52.

The video editor supports video file formats 3gp and .mp4, and audio file formats .aac, .amr, .mp3 and .wav.

The custom video clips are automatically saved in the **Images & video** in **My Stuff**. The clips are saved on the memory card. If the memory card is not available, the device memory is used.

### Add images, video, audio, and text

You can add images, video clips, audio and text to a video clip selected in **My Stuff** to create custom video clips.

To combine an image or a video clip with the selected video clip, in the **Images & video** folder, select **Options** > **Edit** > **Merge** > **Image** or **Video clip**.

To add a new audio clip and replace the original audio clip in the video clip, select **Options** > **Edit** > **Change audio** and an audio clip.

To add text to the beginning or the end of the video clip, select **Options** > **Edit** > **Add text**, enter the text you want to add, and select **OK**. To select where you want to add the text, select **Beginning** or **End**.

### Cut video clip

You can trim a video clip, and add start and end marks to exclude parts from the video clip. In the **Images & video** folder, select **Options** > **Edit** > **Cut**.

To play the selected video clip from the start, select **Options** > **Play**.

 **Tip!** To take a still picture of a video clip, press the edit key.

To select which parts of the video clip are included in the custom video clip, and define the start and end points for them, scroll to the desired point on the video, and select **Options** > **Start mark** or **End mark**. To edit the start or end point of the selected part, scroll to the desired mark, and press . You can move the selected mark forwards or backwards on the timeline.

To remove all the marks, select **Options** > **Remove** > **All marks**.

To preview the video clip, select **Options** > **Play marked section**. To move on the timeline, scroll left or right.

To stop playing the video clip, select **Pause**. To continue playing the clip, select **Options** > **Play**. To return back to the cut video view, select **Back**.

To save the changes, select **My Stuff** > **Done**.

### Send videos

To send the video, select **Options** > **Send** > **Via multimedia**, **Via Bluetooth**, **Via infrared**, or **Web upload**. Contact your network operator or service provider for details of the maximum multimedia message size that you

can send. If your video is too large to send in a multimedia message,  appears.

 **Tip!** If you want to send a video clip that is over the maximum multimedia message size allowed by your service provider, you can send the clip using Bluetooth wireless technology. See "Send data using Bluetooth connectivity," p. 114. You can also transfer your videos to a compatible PC using Bluetooth connectivity, a USB data cable, or by using a compatible memory card reader enhancement (sold separately).



## Movie director

Launch **Movie director** from **My Stuff**. Muvees are styled video clips that can contain videos, images, music, and text. The style determines the transitions, visual effects, graphics, music, and text that are used in the muvee.

### Create muvees

- 1 Open the **Imgs. & video** folder in **My Stuff**. Select the video clips and images you want to create a muvee with and select **Options > Edit > Create muvee**.
- 2 Select a style for the muvee from the style list. **Movie director** uses the music and text associated with the chosen style.

- 3 Select **Create muvee**.

The muvee is created automatically and a **Preview** view is displayed. You can select **Save** to save the muvee in the Gallery, **Recreate** to shuffle the media files and create a new muvee, or press **Back** to select a different style for your muvee. You can also select **Customize** to change the muvee settings and create a custom muvee to which you can add images, music, and text.

### Create a custom muvee

- 1 Open the **Imgs. & video** folder in **My Stuff**. Select the videos and images you want to create a muvee with and select **Options > Edit > Create muvee**.
- 2 Select a style for the muvee from the style list. In the style view, select **Options > Customize**. Select from the following:
  - Videos & Images**—select from the following:
    - **Add/Remove** to add or remove video clips and images, or **Add/Remove > Capture** to open the camera application to capture new video clips and images.
    - **Move** to reorder the position of video clips and images in the custom muvee.
    - **Select contents** to select video segments to include/exclude in the muvee.
  - Music**—to select a music clip from the list.

**Message**—to edit the **Opening message** and **Closing message**.

**Length**—to define the duration of the muvee, select **User defined**. Select **Multimedia message, Same as music**, or **Auto-select**. If the muvee duration is less than the music duration, the muvee is repeated to match the music duration. If the muvee duration is longer than the music duration, the music is repeated to match the muvee duration.

**Settings**—to change the settings for muvee production. Select from the following:

- **Memory in use**—select where to store your muvees.
- **Resolution**—select the resolution of your muvees.
- **Default muvee name**—set a default name for the muvees.

### 3 Select **Create muvee**.

The muvee is created automatically and a **Preview** view is displayed. You can select **Save** to save the muvee in the Gallery, **Recreate** to shuffle the media files and create a new muvee, or **Customize** to return to the muvee settings.

## Slide show

In the active toolbar, select **Start slide show** to view a slide show of images in full screen. The slide show starts from the selected file. Select from the following:

**Pause**—to pause the slide show

**Continue**—to resume the slide show, if paused

**End**—to close the slide show

To browse the images, scroll left and right (available only when **Zoom and pan** is off).

To adjust the tempo of the slide show, before starting the slide show, select **Options > Slide show > Settings > Delay between slides**.

To make the slide show move smoothly from one slide to another, and let **My Stuff** randomly zoom into and out of the images, select **Zoom and pan**.

To add audio to the slide show, select **Options > Slide show > Settings** and from the following:

**Music**—Select **On** or **Off**.

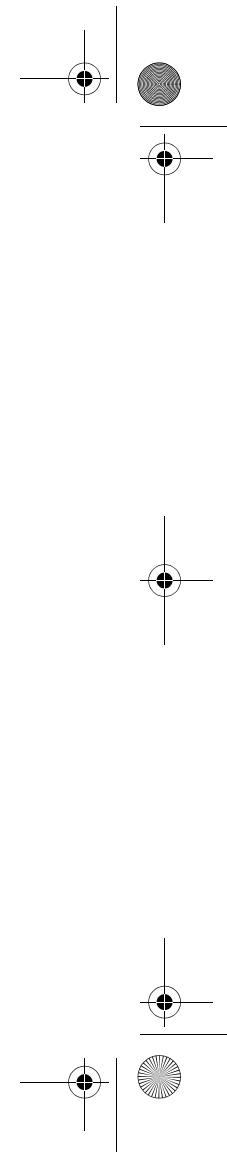
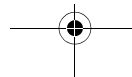
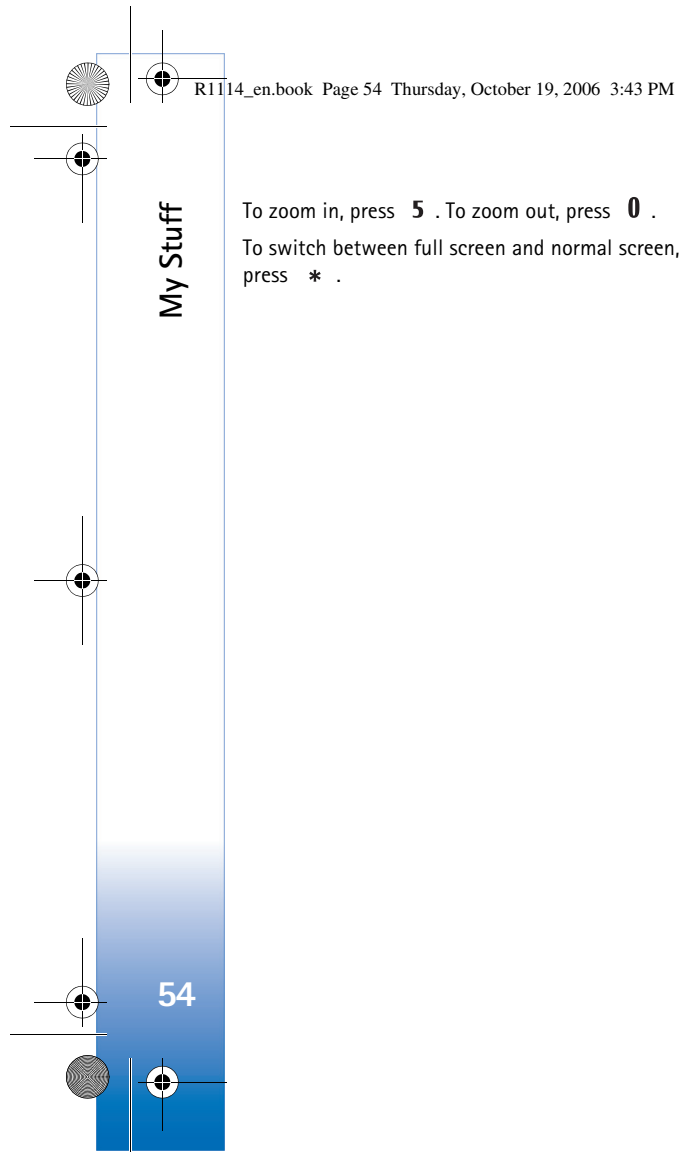
**Track**—Select a music file from the list.

To decrease or increase the volume, use the volume keys on the side of your device.



## Presentations

With presentations, you can view svg (scalable vector graphics) files, such as cartoons and maps. These files maintain their appearance when printed or viewed with different screen sizes and resolutions. To view svg files, select the **Presentations** folder, scroll to an image, and select **Options > Play**.





## Messaging

Press , and select **Messag.**. Alternatively, press . In **Messag.**, you can create, send, receive, view, edit, and organize text messages, multimedia messages, e-mail messages, and special text messages containing data. You can also send postcards, receive Web service messages and cell broadcast messages, and send service commands. Messages and data received using Bluetooth connectivity or infrared are received in the **Inbox** folder in **Messag.**.

To create a new message, select **New message**.

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

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

**Messag.** contains the following folders:

**Inbox**—Received messages, except e-mail and cell broadcast messages, are stored here. E-mail messages are stored in the **Mailbox**.

**My folders**—Organize your messages into folders. **My folders** is the **Templates** folder, which contains sample texts for common messages

**Mailbox**—Connect to your remote mailbox to retrieve your new e-mail messages or view your previously retrieved e-mail messages offline. See "E-mail," p. 66.

**Drafts**—Draft messages that have not been sent are stored here.

**Sent**—The last 20 messages that have been sent, excluding messages sent using Bluetooth connectivity or infrared, are stored here. To change the number of messages to be saved, see "Other settings," p. 68.

**Outbox**—Messages waiting to be sent are temporarily stored here.

**Example:** Messages are placed in **Outbox**, for example, when your device is outside network coverage. You can also schedule e-mail messages to be sent the next time you connect to your remote mailbox.

**Reports**—You can request the network to send you a delivery report of the text messages and multimedia messages you have sent (network service). Receiving a delivery report of a multimedia message that has been sent to an e-mail address may not be possible.

## Messaging

 **Tip!** When you have opened any of the default folders, to switch between the folders, press  or .

To enter and send service requests (also known as USSD commands), such as activation commands for network services, to your service provider, select **Options** > **Service command** in the main view of **Messaging**.

**Cell broadcast** (network service) allows you to receive messages on various topics, such as weather or traffic conditions, from your service provider. For available topics and relevant topic numbers, contact your service provider. In the main view of **Messaging**, select **Options** > **Cell broadcast**. In the main view, you can see the status of a topic, a topic number, name, and whether it has been flagged () for follow-up.

Cell broadcast messages cannot be received in UMTS networks. A packet data connection may prevent cell broadcast reception.

## Write text

**ABC**, **abc**, and **Abc** indicate the selected character mode. **123** indicates the number mode.

 **Tip!** To avoid rewriting messages that you send often, use texts in the **Templates** folder.

## Traditional text input

 is displayed when you write text using traditional text input.

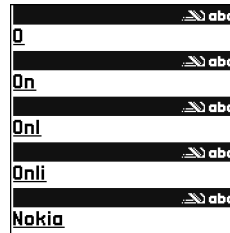
- Press a number key ( **1 – 9** ) repeatedly until the desired character appears. There are more characters available for a number key than are printed on the key.
- If the next letter is located on the same key as the present one, wait until the cursor appears (or press ) to end the time-out period), and enter the letter.
- To insert a space, press **0** . To move the cursor to the next line, press **0** three times.

## Predictive text input

You can enter any letter with a single keypress. Predictive text input is based on a built-in dictionary to which you can add new words.  is displayed when you write text using predictive text input.

- 1 To activate predictive text input, press , and select **Predictive text on**. This activates predictive text input for all editors in the device.

- 2 To write the desired word, press the keys **2 – 9**. Press each key only once for one letter. For example, to write "Nokia" when the English dictionary is selected, press **6** for N, **6** for o, **5** for k, **4** for i, and **2** for a.



The word suggestion changes after each keypress.

- 3 When you finish writing the word correctly, press **[ ]** to confirm it, or press **0** to add a space. If the word is not correct, press **\*** repeatedly to view the matching words the dictionary has found one by one, or press **[ ]**, and select **Predictive text > Matches**. If the **?** character is shown after the word, the word is not in the dictionary. To add a word to the dictionary, select **Spell**, enter the word using traditional text input, and select **OK**. The word is added to the dictionary. When the dictionary is full, a new word replaces the oldest added word.
- 4 Start writing the next word.

### Write compound words

A compound word is one that does not appear in the dictionary, but is made up of smaller words. If a question

mark appears when you are typing a compound word, the word is not in the dictionary.

Write the first half of a compound word; to confirm it, press **[ ]**. Write the last part of the compound word. To complete the compound word, press **0** to add a space.

### Turn predictive text input off

To turn predictive text input off for all editors in the device, press **[ ]**, and select **Predictive text > Off**.

**Tip!** To turn predictive text input on or off, quickly press **#** twice.

### Tips on text input

To insert a number in the letter mode, press and hold the desired number key.

To switch between the letter and number mode, press and hold **#**.

To switch between the different character modes, press **#**.

To delete a character, press **[ ]**. To delete more than one character, press and hold **[ ]**.

The most common punctuation marks are available under **1**.

To open a list of special characters, press and hold **\***.

 **Tip!** To insert several special characters at the same time, press **5** when you select each character.

## Write and send messages

Before you can create a multimedia message or write an e-mail, you must have the correct connection settings in place. See "Receive MMS and e-mail settings," p. 60 and "E-mail," p. 66.

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

- 1 Select **New message** and from the following:  
**Text msg.**—to send a text message  
**Multimedia message**—to send a multimedia message  
**E-mail**—to send an e-mail. If you have not set up your e-mail account, you are prompted to do so. To start creating the e-mail settings with the mailbox guide, select **Start**.

- 2 In the **To** field, select recipients or groups from **Addr. Book**, or enter the recipient's phone number or e-mail address. To add a semicolon (;) that separates the recipients, press **\***. You can also copy and paste the number or address from the clipboard.
- 3 In the **Subject** field, enter the subject of a multimedia message or e-mail. To change the fields that are visible, select **Options** > **Address fields**.
- 4 In the message field, write the message. To insert a template, select **Options** > **Insert** or **Insert object** > **Template**.
- 5 To add a media object to a multimedia message, select **Options** > **Insert object** > **Image**, **Audio**, or **Video clip**. When audio is added,  is shown. You cannot send video clips that are saved in the .mp4 format in a multimedia message. To change the format in which recorded videos are saved, see "Video settings," p. 35.
- 6 To take a new picture or record audio or video for a multimedia message, select **Insert new** > **Image**,



**Audio**, or **Video clip**. To insert a new slide to the message, select **Slide**.

To see what the multimedia message looks like, select **Options > Preview**.

- 7 To add an attachment to an e-mail, select **Options > Insert > Image, Audio, Video clip**, or **Note**. E-mail attachments are indicated by .

 **Tip!** To send other file types as attachments, open the appropriate application, and select **Send > Via e-mail**, if available.

- 8 To send the message, select **Options > Send**, or press .

 **Note:** Your device may indicate that your message was sent to the message center number programmed into your device. Your device may not indicate whether the message is received at the intended destination. For more details about messaging services, contact your service provider.

Your device supports the sending of text messages beyond the character limit for a single message. Longer messages are sent as a series of two or more messages. Your service provider may charge accordingly. Characters that use accents or other marks, and characters from some language options like Chinese, take up more space limiting the number of characters that can be sent in a single message. You can see the message length indicator counting backwards: for example, 10 (2) means that you

can still add 10 characters for the text to be sent as two messages.

E-mail messages are automatically placed in **Outbox** before sending. If sending does not succeed, the e-mail is left in the **Outbox** with the **Failed** status.

 **Tip!** You can combine images, video, audio, and text to a presentation and send it in a multimedia message. Start to create a multimedia message, and select **Options > Create presentation**. The option is shown only if **MMS creation mode** is set to **Guided** or **Free**. See "Multimedia messages," p. 61.

## Write and send postcards

With the postcard service (network service), you can send a multimedia message with a postal address to a postcard service provider. The service provider prints out the message as a postcard and sends it to the recipient's address. The network operator charges for the postcard service.

- 1 Select **New message > Postcard**
- 2 In the address field on the back of the postcard, press . Select the recipient from **Addr. Book**. To enter the name and postal address of the recipient, scroll to the fields and enter the details.

- 3 In the greeting text field, write the greeting. To insert a template or note as your greeting, select **Options** > **Insert** > **Template** or **Note**.
  - 4 You can take a new image for the postcard, or insert an existing image from **My Stuff**. To insert the image, select **Options** > **Insert image** > **New** or **Existing**. To change between the front and back sides of the postcard, scroll up or down.
  - 5 To send the postcard to the postcard service, **Send**, or press .
-  **Note:** You can only send postcards that include both an image and a recipient postal address.

## Receive MMS and e-mail settings

You may receive the settings in a message from your network operator or service provider. See "Data and settings," p. 61.

### Enter the MMS settings manually

- 1 Press , select **Settings** > **Config.** > **Connection** > **Access points**, and define the settings for a multimedia messaging access point. See "Connection," p. 102.
- 2 Press , and select **Messaging** > **Options** > **Settings** > **Multim. msg.** > **Access point in use** and the access point you created as the preferred connection. See also "Multimedia messages," p. 61.

Before you can send, receive, retrieve, reply to, and forward e-mail, you must configure an Internet access point (IAP) correctly. See "Connection," p. 102.

Define your e-mail settings correctly. If you select **Mailbox** in the **Message.** main view and have not set up your e-mail account, you are prompted to do so. To start creating the e-mail settings with the mailbox guide, select **Start**. See also "E-mail," p. 66.

You must have a separate e-mail account. Follow the instructions given by your remote mailbox and Internet service provider (ISP).



## Inbox—receive messages

In the **Inbox** folder,  indicates an unread text message,  an unread multimedia message,  data received through infrared, and  data received through Bluetooth connectivity.

When you receive a message,  and **1 new message** are shown in the idle mode. To open the message, select **Show**. To open a message in **Inbox**, select it.

To reply to a received message, select **Options** > **Reply**

## Multimedia messages

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

You may receive a notification that a multimedia message is waiting in the multimedia message center. To start a packet data connection to retrieve the message to your device, select **Options > Retrieve**.

When you open a multimedia message () , you may see an image and a message.  is shown if audio is included, or  if video is included. To play the audio or the video, select the indicator.

To see the media objects that have been included in the multimedia message, select **Options > Objects**.

If the message includes a multimedia presentation,  is displayed. To play the presentation, select the indicator.

## Data and settings

Your device can receive many kinds of messages that contain data ():

**Configuration message**—You may receive settings from your network operator, service provider, or company

information management department in a configuration message. To save the settings, select **Options > Save all**.

**Business card**—To save the information to the **Addr. Book**, select **Options > Save business card**. Certificates or audio files attached to the business card are not saved.

**Ringtone**—To save the ringing tone, select **Options > Save**.

**Operat. logo**—To have the logo shown in the idle mode instead of the network operator's own identification, select **Options > Save**.

**Calen. entry**—To save the invitation, select **Options > Save to Calendar**.

**Web message**—To save the bookmark to the bookmarks list in Web, select **Options > Add to bookmarks**. If the message contains both access point settings and bookmarks, to save the data, select **Options > Save all**.

**E-mail notif.**—The note tells you how many new e-mails you have in your remote mailbox. An extended notification may list more detailed information.

## Web service messages

Web service messages () are notifications (for example, news headlines) and may contain a text message or a link. For availability and subscription, contact your service provider.



## Mailbox

If you select **Mailbox** and have not set up your e-mail account, you are prompted to do so. To start creating the e-mail settings with the mailbox guide, select **Start**. See also "E-mail," p. 66.

When you create a new mailbox, the name you give to the mailbox replaces **Mailbox** in the **Messaging** main view. You can have up to six mailboxes.

### Open the mailbox

When you open the mailbox, the device asks if you want to connect to the mailbox (**Connect to mailbox?**).

To connect to your mailbox and retrieve new e-mail headings or messages, select **Yes**. When you view messages online, you are continuously connected to a remote mailbox using a data connection. See also "Connection," p. 102.

To view previously retrieved e-mail messages offline, select **No**. When you view e-mail messages offline, your device is not connected to the remote mailbox.

## Retrieve e-mail messages

If you are offline, select **Options** > **Connect** to start a connection to the remote mailbox.

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

- 1 When you have an open connection to a remote mailbox, select **Options** > **Retrieve e-mail** and one of the following:  
**New**—to retrieve all new e-mail messages  
**Selected**—to retrieve only the e-mail messages that have been marked  
**All**—to retrieve all messages from the mailbox  
**Cancel**—to stop retrieving messages
- 2 After you retrieve the e-mail messages, you can continue viewing them online, or select **Options** > **Disconnect** to close the connection and view the e-mail messages offline.

E-mail status indicators:

- The new e-mail (offline or online mode) has not been retrieved to your device.
- The new e-mail has been retrieved to your device.
- The e-mail message has been read, and it has not been retrieved to your device.
- The e-mail message has been read.

-  The e-mail heading has been read and the message content has been deleted from the device.
- 3 To open an e-mail message, press . If the e-mail message has not been retrieved and you are offline, you are asked if you want to retrieve this message from the mailbox.

To view e-mail attachments, open a message that has the attachment indicator , and select **Options** > **Attachments**. If the attachment has a dimmed indicator, it has not been retrieved to the device; select **Options** > **Retrieve**.

To print an e-mail message on a compatible Basic Print Profile (BPP) equipped printer with Bluetooth connectivity (such as HP Deskjet 450 Mobile Printer or HP Photosmart 8150), select **Options** > **Print**.

#### Retrieve e-mail messages automatically

To retrieve messages automatically, select **Options** > **E-mail settings** > **Automatic retrieval** > **Header retrieval** > **Always enabled** or **Only in home net.**, and define when and how often the messages are retrieved.

Retrieving e-mail messages automatically may increase your call costs due to the data traffic.

#### Delete e-mail messages

To delete the contents of an e-mail message from the device while still retaining it in the remote mailbox, select **Options** > **Delete**. In **Delete msg. from:**, select **Phone only**.

The device mirrors the e-mail headings in the remote mailbox. Although you delete the message content, the e-mail heading stays in your device. If you want to remove the heading as well, you must delete the e-mail message from your remote mailbox, and make a connection from your device to the remote mailbox again to update the status.

To delete an e-mail from the device and the remote mailbox, select **Options** > **Delete** > **Delete msg. from:** > **Phone and server**.

If you are offline, the e-mail is deleted first from your device. During the next connection to the remote mailbox, it is automatically deleted from the remote mailbox. If you are using the POP3 protocol, messages marked to be deleted are removed only after you have closed the connection to the remote mailbox.

To cancel deleting an e-mail from the device and server, scroll to an e-mail that has been marked to be deleted during the next connection () , and select **Options** > **Restore**.

## Disconnect from the mailbox

When you are online, to end the data connection to the remote mailbox, select **Options** > **Disconnect**.

## View messages on a SmartChip card

Before you can view SmartChip messages, you must copy them to a folder in your device.

- 1 Press **Ⓜ**, and select **Message.** > **Options** > **SmartChip messages**.
- 2 Select **Options** > **Mark/Unmark** > **Mark** or **Mark all** to mark messages.
- 3 Select **Options** > **Copy**. A list of folders opens.
- 4 To start copying, select a folder and **OK**. To view the messages, open the folder.

## Messaging settings

Fill in all fields marked with **Must be defined** or with a red asterisk. Follow the instructions given by your service provider. You may also obtain settings from your service provider in a configuration message.

Some or all message centers or access points may be preset for your device by your service provider or network

operator, and you may not be able to change, create, edit, or remove them.

## Text messages

Press **Ⓜ**, and select **Message.** > **Options** > **Settings** > **Text msg.** and from the following:

**Message centers**—View a list of all text message centers that have been defined.

**Character encoding**—To use character conversion to another encoding system when available, select **Reduced support**.

**Msg. center in use**—Select which message center is used to deliver text messages.

**Receive report**—Select whether the network sends delivery reports on your messages (network service).

**Message validity**—Select how long the message center resends your message if the first attempt fails (network service). If the recipient cannot be reached within the validity period, the message is deleted from the message center.

**Message sent as**—Change this option only if you are sure that your message center is able to convert text messages into these other formats. Contact your network operator.

**Preferred conn.**—Select the connection used for sending text messages: GSM network or packet data, if supported by the network. See "Connection," p. 102.

**Reply via same ctr.**—Select whether you want the reply message to be sent using the same text message center number (network service).

## Multimedia messages

Press , and select **Mesag.** > **Options** > **Settings** > **Multimedia message** and from the following:

**Image size**—Define the size of the image in a multimedia message: **Original** (shown only when the **MMS creation mode** is set to **Guided** or **Free**), **Small**, or **Large**.

**MMS creation mode**—If you select **Guided**, the device informs you if you try to send a message that may not be supported by the recipient. If you select **Restricted**, the device prevents you from sending messages that may not be supported.

**Access point in use**—Select which access point is used as the preferred connection for the multimedia message center.

**Multimedia retrieval**—Select how you want to receive multimedia messages. To retrieve new multimedia messages automatically at all times, select **Always automatic**. Outside your home network, you receive a

notification that there is a multimedia message that you can retrieve in the multimedia message center.

If you select **Multimedia retrieval** > **Always automatic**, your device automatically makes an active packet data connection to retrieve the message both in and outside your home network.

When you are outside your home network, sending and receiving multimedia messages may cost you more.

**Allow anon. msgs.**—Select whether you want to reject messages from an anonymous sender.

**Receive ads**—Define whether you want to receive multimedia message advertisements.

**Receive report**—Select whether you want the status of the sent message to be shown in the log (network service). It may not be possible to receive a delivery report of a multimedia message that has been sent to an e-mail address.

**Deny report sending**—Select whether you want to deny your device sending delivery reports of received multimedia messages.

**Message validity**—Select how long the message center resends your message if the first attempt fails (network service). If the recipient cannot be reached within the validity period, the message is deleted from the message center.

## E-mail

Press , and select **Msgag. > Options > Settings > E-mail** and from the following:

**Mailboxes**—Select a mailbox to change the following settings: **Connection settings**, **User settings**, **Retrieval settings**, and **Automatic retrieval**.

**Mailbox in use**—Select which mailbox you want to use for sending e-mail.

To create a new mailbox, select **Options > New mailbox** in the mailbox main view.

### Connection settings

To edit the settings for the e-mail you receive, select **Incoming e-mail** and from the following:

**User name**—Enter your user name, given to you by your service provider.

**Password**—Enter your password. If you leave this field blank, you are prompted for the password when you try to connect to your remote mailbox.

**Incoming mail serv.**—Enter the IP address or host name of the mail server that receives your e-mail.

**Access point in use**—Select an Internet access point (IAP). See "Connection," p. 102.

**Mailbox name**—Enter a name for the mailbox.

**Mailbox type**—Defines the e-mail protocol that your remote mailbox service provider recommends. The options are **POP3** and **IMAP4**. This setting can be selected only once and cannot be changed if you have saved or exited from the mailbox settings. If you use the POP3 protocol, e-mail messages are not updated automatically when you are online: to see the latest e-mail messages, you must disconnect and make a new connection to your mailbox.

**Security (ports)**—Select the security option used to secure the connection to the remote mailbox.

**Port**—Define a port for the connection.

**APOP secure login** (for POP3 only)—Use with the POP3 protocol to encrypt the sending of passwords to the remote e-mail server while connecting to the mailbox.

To edit the settings for the e-mail you send, select **Outgoing e-mail** and from the following:

**My e-mail address**—Enter the e-mail address given to you by your service provider. Replies to your messages are sent to this address.

**Outgoing mail serv.**—Enter the IP address or host name of the mail server that sends your e-mail. You may only be able to use the outgoing server of your network operator. Contact your service provider for more information.

**Access point in use**—Select an Internet access point (IAP). See "Connection," p. 102.

The settings for **User name**, **Password**, **Security (ports)**, and **Port** are similar to the ones in **Incoming e-mail**.

### User settings

**My name**—Enter your own name. Your name replaces your e-mail address in the recipient's device when the recipient's device supports this function.

**Send message**—Define how e-mail is sent from your device. Select **Immediately** for the device to connect to the mailbox when you select **Send message**. If you select **During next conn.**, e-mail is sent when the connection to the remote mailbox is available.

**Send copy to self**—Select whether you want to save a copy of the e-mail to your remote mailbox and to the address defined in **My e-mail address**.

**Include signature**—Select whether you want to attach a signature to your e-mail messages.

**New e-mail alerts**—Select whether you want to receive the new e-mail indications, a tone and a note, when new mail is received to the mailbox.

### Retrieval settings

**E-mail to retrieve**—Define which parts of the e-mail are retrieved: **Headers only**, **Partially (kB)**, **Messages** (for IMAP4 only), or **Msgs. & attachs.**

**Retrieval amount**—Define how many new e-mail messages are retrieved to the mailbox.

**IMAP4 folder path** (for IMAP4 only)—Define the folder path for folders to be subscribed.

**Folder subscriptions** (for IMAP4 only)—Subscribe to other folders in the remote mailbox and retrieve content from those folders.

### Automatic retrieval

**Header retrieval**—Select whether you want the device to retrieve new e-mail automatically. You can define when and how often the messages are retrieved.

Retrieving e-mail messages automatically may increase your call costs due to the data traffic.

### Web service messages

Press **⌘**, and select **Messaging > Options > Settings > Service message**. Select whether you want to receive service messages. If you want to set the device to automatically activate the browser and start a network connection to retrieve content when you receive a service message, select **Download messages > Automatically**.

## Cell broadcast

Check the available topics and related topic numbers with your service provider. Press , and select **Messaging** > **Options** > **Settings** > **Cell broadcast** and from the following:

**Reception**—Select whether you want to receive cell broadcast messages.

**Language**—Select the languages in which you want to receive messages: **All**, **Selected**, or **Other**.

**Topic detection**—Select whether the device automatically searches for new topic numbers, and saves the new numbers without a name to the topic list.

## Other settings

Press , and select **Messaging** > **Options** > **Settings** > **Other** and from the following:

**Save sent messages**—Select whether you want to save a copy of the text messages, multimedia messages, or e-mail that you send to the **Sent** folder.

**No. of saved msgs.**—Define how many sent messages are saved to the **Sent** folder at a time. The default limit is 20 messages. When the limit is reached, the oldest message is deleted.

**Memory in use**—If a compatible memory card is inserted in the device, select the memory where you want to save your messages: **Phone memory** or **Memory card**.



## Message reader

With **Msg. reader**, you can listen to text messages in the **Inbox**.

Press , and select **Settings** > **Msg. reader**. To listen to text messages, scroll right to choose the message from which to start reading, and select **Play**.

 **Tip!** To listen to a text message you have received, press and hold  until **Msg. reader** starts.