

# **C**€ 0434

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Your device may cause V or radio interference (for example, when using a telephone in close proximity to receiving equipment). The PCC 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.

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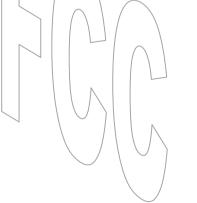
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# For your safety

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 900/1800/1900 networks. Contact your service provider for more information about networks.

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

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

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

## **Network services**

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

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 SIM card services, contact your SIM card vendor. This may be the service provider, network operator, or other vendor.

# 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 a DC-4, AC-3, and AC-4 charger, and from an AC-1, ACP-8, ACP-9, ACP-12, LCH-8, LCH-9, or LCH-12 charger when used with the CA-44 charger adapter delivered with your device.

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

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.



## Your Nokia N72

Model number: Nokia N72-5
Hereinafter referred to as Nokia N72

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## Help

Your device has context-sensitive help. You can access the help from an application or from the main menu.

When an application is open, to access help for the current view, select **Options** > **Help**.

\*Example: To view instructions on how to create a contact card, start to create a contact card, and select Options > Help.

When you are reading the instructions, to switch between help and the application that is open in the background, press and hold §.

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

When you are reading a help topic, to view other related topics, press lacktriangle or lacktriangle.



## Tutorial

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

To access the tutorial in the menu, press §, and select My own > Tutorial and the section you want to view. To ensure you have access to all Tutorial contents, insert the compatible memory card supplied with your device into the device.

## **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.

#### Take pictures

- After taking a picture, to send the image Via multimedia, Via e-mail, or Via Bluetooth, press
   For more information, see 'Messaging', p. 51 and 'Bluetooth connectivity', p. 83.

- To delete an image, press **C**.
- To take a new picture press or the camera capture key.

#### Record video clips

- To adjust video setup settings before recording video, press
- After recording a video clip, to send the video Via multimedia, Via e-mail, or Via Bluetooth, press
   You cannot send video clips saved in the .mp4 format in a multimedia message. For more information, see 'Messaging', p. 51 and 'Bluetooth connectivity', p. 83.
- To delete a video clip, press [.

#### 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 .

#### Standby mode

- To switch between applications that are open, press and hold  $\{g\}$ . 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 change the profile, press (1), and select a profile.
- To switch between General and Silent profiles, press and hold # . If you have two phone lines, this action switches between the two lines.
- To open the last dialled numbers list, press \_\_\_.
- To use voice commands, press and hold 
  .
- To start a connection to Web, press and hold 0 . See Web, p. 71.

For further shortcuts available in the standby mode, see 'Active standby mode', p. 20.

#### Keypad lock (keyguard)

- To lock: In the standby mode, press , then \* .
- To unlock: Press 🦳 , then \* .
- To turn on the display light when the keypad lock is on, press (i).

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



## Clock

Press & and select Clock.

To set a new alarm, select Options > Set alarm. Enter the alarm time, and select OK. When the alarm is active, is shown

To turn off the alarm, select **Stop**. When the alarm tone sounds, select **Snooze** to stop the alarm for five minutes, after which it resumes. You can do this a maximum of five times

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

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

## **Clock settings**

To change the clock settings, select Options > Settings in the clock. To change the time or date, select Time or Date.

To change the clock shown in the standby mode, scroll down, and select Clock type > Analogue or Digital.

To allow the mobile phone network to update the time, date, and time zone information to your device (network service), scroll down, and select Auto time update. For the Auto time update setting to take effect, the device restarts.

To change the alarm tone, scroll down, and select Clock alarm tone.

To change the daylight-saving time status, scroll down, and select Daylight-saving. Select On to add 1 hour to the My current city time. See 'World clock', p. 13. When the daylight-saving is active, is shown in the clock main view. This setting is not shown if Auto time update is on.

#### World clock

Open Clock, and press ( to open the world clock view. 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 a 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. Check that the time is correct and matches your time zone.

## Volume and loudspeaker control

To increase or decrease the volume level when you have an active call or are listening to a sound, press or or



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

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

To use the loudspeaker during a call, start a call, and select Options > Activate loudsp..

To turn off the loudspeaker when you have an active call or are listening to a sound, select Options > Activate handset.



## File manager

Many features of the device use memory to store data. These features include contacts, messages, images, ringing tones, calendar and to-do notes, documents, and downloaded applications. 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 and save data on a memory card.

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

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.

> Tip! You can use Nokia Phone Browser available in Nokia PC Suite to view the different memories in your device. See the CD-ROM supplied with your device.

## 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** > **Memory details**. Scroll down to Free memory to view the amount of free memory in the device.

To view the amount of free memory on the memory card, if you have a card inserted in the device, press • to open the memory card view, and select Options > Memory details

## Memory low-free memory

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

To free device memory, transfer data to a memory card in the file manager. Mark files to be moved, select Options > Move to folder > Memory card, and a folder.

☆ Tip! To free memory from the device or from the memory card, use Image Store available in Nokia PC Suite to transfer images and video clips to a compatible PC. See the CD-ROM supplied with your device.

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 Messaging

- Retrieved e-mail messages from the device memory
- Saved Web pages
- Saved images, videos, or sound files
- Contact information
- Calendar notes
- Downloaded applications. See also 'Application manager', p. 103.
- Any other data that you no longer need



## Memory card tool

Note: This device uses a Reduced Size Dual Voltage (1.8 or 3V) MultiMediaCard (RS-MMC). To ensure interoperability, use only dual voltage RS-MMCs. Check the compatibility of an RS-MMC with its manufacturer or provider.

Use only Reduced Size MultiMedia Cards (RS-MMC) 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.

Press §, and select Tools > Memory. You can use a memory card as extra storage space. It is also good to regularly back up the information in the device memory to the memory card. The information can be restored to the device later.

Name Mcard
Capacity Used 16 kB
Free 122 MB

You cannot use the memory card if the door of the memory card slot is open.

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.

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

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

**☆ Tip!** To rename a memory card, select **Options** > **Memory card name**.

## 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. When formatting is complete, enter a name for the memory card, and select OK.



## Personalise your device

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

 To use the standby display for fast access to your most frequently used applications, see 'Active standby mode'. p. 20.

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Contacts

- To change the standby mode background image or what is shown in the power saver, see 'Change the look of your device', p. 19.
- To customise the ringing tones, see 'Profiles—set tones', p. 18.
- To change the shortcuts assigned for the different presses of the scroll key

and left and right selection keys in the standby mode, see 'Standby mode', p. 94. The scroll key shortcuts are not available if the active standby is on.

To-do

 • and select Clock > Options > Settings > Clock type > Analogue or Digital.

 • To change the clock alarm tone, press ⑤, and select

To change the clock shown in the standby mode, press

- To change the clock alarm tone, press §, and select Clock > Options > Settings > Clock Alarm tone and atone.
- To change the calendar alarm tone, press §, and select Calendar > Options > Settings > Calendar alarm tone and a tone.
- To change the welcome note to a text or an image, press & and select Tools > Settings > Phone > General > Welcome note or logo.
- To assign ah individual ringing tone to a contact, press
   3, and select Contacts. See 'Add ringing tones for contacts', p. 30.
- To assign a speed dial to a contact, press a number key in the standby mode (1) is reserved for the voice mailbox), and press . Select Yes, then select a contact
- To rearrange the main menu, in the main menu, select
   Options > Move, Move to folder, or New folder. You
   can move less used applications into folders, and place
   applications that you use more often into the main
   menu.



## Profiles—set tones

To set and customise the ringing tones, message alert tones, and other tones for different events, environments, or caller groups, press \$\{\gamma}\], and select tools > Profiles. If the currently selected profile is other than General, the profile name is shown at the top of the display in the standby mode.

To change the profile, press () in the standby mode. Scroll to the profile you want to activate, and select OK. To modify a profile, press (), and select Tools > Profiles. Scroll to the profile, and select Options > Personalise. Scroll to the setting you want to change, and press () to open the choices. Tones stored on the memory card are indicated with (). You can scroll through the tone list

⇒ Tip! In the list of tones, Tone downloads opens a list of bookmarks. You can select a bookmark and start connection to a Web page to download tones.

and listen to each one before you make your selection.

To create a new profile, select Options > Create new.

## Offline profile

Press any key to stop the sound.

The Offline profile lets you use the device without

connecting to the wireless network. When you activate the Offline profile, the connection to the wireless network is turned off, as indicated by X in the signal strength indicator area. All wireless phone signals to and from the device are prevented. If you try to send messages, they are placed in the outbox to be sent later.

Warning: In the offline profile you cannot make or receive any calls, except make calls to certain emergency numbers, or use other features that require network coverage. To make calls, you must first activate the phone function by changing profiles. If the device has been locked, enter the lock code.

Warning: Your device must be switched on to use Offline profile. Do not switch the device on when wireless device use is prohibited or when it may cause interference or danger.

To leave the **Offiline** profile, press (i), and select another profile. The device re-enables wireless transmissions (providing there is sufficient signal strength). If Bluetooth connectivity is activated before entering the **Offline** profile, it will be deactivated. Bluetooth connectivity is automatically reactivated after leaving the **Offline** profile. See 'Bluetooth connectivity settings', p. 84.



# Transfer content from another device

You can copy contacts, calendar, images, video, and sound clips using Bluetooth connectivity, from a compatible Nokia Series 60 device.

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

You can use your Nokia N72 without a SIM card. The offline profile is automatically activated when the device is switched on without a SIM card. This allows you to use the SIM card in another device.

To avoid duplicate entries, you can transfer the same type of information (for example, contacts) from the other device to your Nokia N72 only once.

Before starting the transfer, you must activate\_Bluetooth connectivity on both devices. On each device, press  $\S_j$ , and select Connect. > Bluetooth. Select Bluetooth > On. Give a name to each device.

#### To transfer content:

1 Press §, and select Tools > Transfer on your Nokia N72. Follow the instructions on the screen.

- 2 The device searches for other devices with Bluetooth connectivity. When it has finished the search, select your other device from the list.
- 3 You are asked to enter a code on your Nokia N72. Enter a code (1-16 digits), and select OK. Enter the same code on the other device, and select OK.
- 4 The Transfer application is sent to the other device as a message.
- 5 Open the message to install Transfer on the other device, and follow the instructions on the screen.
- **6** From your Nokia N72, select the content you want to copy from the other device.

Content is copied from the memory and memory card of the other device to your Nokia N72 and memory card. Copying time depends on the amount of data to be transferred. You can cancel copying and continue later. The Transfer application is added to the main menu of the other device.



# Change the look of your device

To change the look of the display, such as the wallpaper and icons, press \$\mathbf{s}\$ and select Tools > Themes. The active theme is indicated by \( \subseteq \). In Themes you can group together elements from other themes or select images from the Gallery to personalise themes further. The

To open a browser connection and download more themes, select Theme downloads.

To activate a theme, scroll to it, and select **Options** > **Apply**.

To preview a theme, scroll to it and select Options > Preview.

To edit themes, scroll to a theme, and select **Options** > **Edit** to change the following options:

Wallpaper—The image to be shown as a background image in the standby mode.

Power saver—The power saver type on the display: date and time, or a text you have written yourself. See also 'Display', p. 95.

Image in 'Go to'—The background image for the Go to application.

To restore the selected theme back to its original settings, select Options > Restore orig. theme when you edit a theme.

## Active standby mode

Use your standby display for fast access to your most frequently used applications. By default, the active standby mode is on.

Press ⑤, select Tools > Settings > Phone > Standby mode > Active standby, and press ⑥ to switch the active standby on or off.

The active standby display is shown with default applications across the top of the screen.

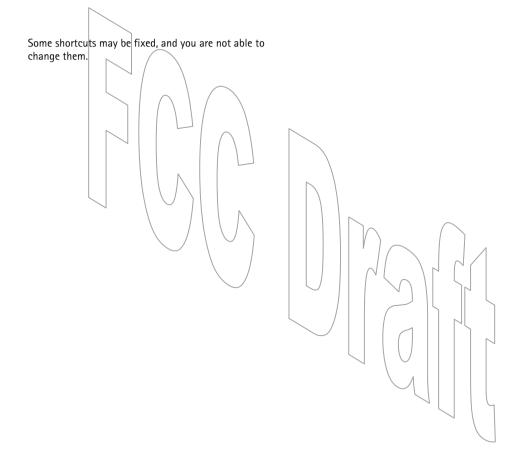
Scroll to an application or event, and press .

The standard scroll key shortcuts available in the standby mode cannot be used when the active standby mode is on.



To change the default applications shortcuts:

- 1 Press & select Tools > Settings > Phone > Standby mode > Active standby apps, and press .
- 2 Highlight a shortcut to an application, and select Options > Change.
- 3 Select a new application from the list, and press .



# Make calls

#### Calls

- Tip! To increase or decrease the volume during a call, press or . If you have set the volume to Mute, you cannot adjust the volume with the scroll key. To adjust the volume, select Unmute and press or .
- 1 In the standby mode, enter the phone number, including the area code. Press to remove a number.

  For international calls, press \* twice for the + character (replaces the international access code), and enter the country code, area code (omit the leading zero if necessary), and phone number.
- 2 Press Late to call the number.
- 3 Press **u** to end the call (or to cancel the call attempt).

Pressing a always ends a call, even if another application is active.

To make a call from Contacts, press §, and select Contacts. Scroll to the desired name; or enter the first letters of the name to the search field. Matching contacts are listed. Press to call. Select the call type Voice call.

You must copy the contacts from your SIM card to Contacts before you can make a call this way. See 'Copy contacts', p. 29.

To call your voice mailbox (network service), press and hold 1 in the standby mode. See also 'Call diverting', p. 101.

☆ Tip! To change the phone number of your voice mailbox, press ⑤, and select Tools > Voice mail > Options > Change number. Enter the number (obtained from your service provider), and select OK.

To call a recently dialed number in the standby mode, press
to access a list of the 20 last numbers you called or
attempted to call. Scroll to the number you want, and press
to call the number.

## Make a conference call

- 1 Make a call to the first participant.
- 2 To make a call to another participant, select Options > New call. The first call is automatically put on hold.
- 3 When the new call is answered, to join the first participant in the conference call, select Options > Conference.

To add a new person to the call, repeat step 2, and select Options > Conference > Add to conference.

The device supports conference calls between a maximum of six participants, including yourself. To have a private conversation with one of the participants, select Options > Conference > Private. Select a participant, and select Private. The conference call is put on hold on your device. The other participants can still continue the conference call. After you finish the private conversation, select Options > Add to conference to return to the conference call.

To drop a participant, select Options > Conference > Drop participant, scroll to the participant, and select Drop.

4 To end the active conference call, press

## Speed dial a phone number

To assign a phone number to one of the speed dialing keys (2-9), press  $\Im$ , and select Tools > Speed dial. Scroll to the key to which you want to assign the phone number, and select Options > Assign. 1 is reserved for the voice mailbox.

To call in the standby mode, press the speed dial key and

## Voice dialing

Your device supports enhanced voice commands. Enhanced voice commands are not dependent on the speaker's voice, so the user does not record voice tags in advance. Instead, the device creates a voice tag for the entries in contacts, and compares the spoken voice tag to it. The voice recognition in the device adapts to the main user's voice to recognize the voice commands better.

The voice tag for a contact is the name or nickname that is saved on the contact card. To listen to the synthesized voice tag, open a contact card, and select Options > Play voice tag.

#### Make a call with a voice tag

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

When you use voice dialing, the loudspeaker is in use. Hold the device at a short distance away when you say the voice tag.

- 1 To start voice dialing, press and hold \_\_\_\_. If you are using a compatible headset with the headset key, press and hold the headset key to start voice dialing.
- 2 A short tone is played, and Speak now is displayed. Say clearly the name or nickname that is saved on the contact card.

3 The device plays a synthesized voice tag for the recognized contact in the selected device language, and displays the name and number. After a time-out of 1.5 seconds, the device dials the number. If the recognized contact was not correct, select Next to view a list of other matches, or Quit to cancel voice dialing.

If several numbers are saved under the name, the device selects the default number, if it has been set Otherwise the device selects the first available number of the following: Mobile, Mobile (home), Mobile (business), Telephone, Tel. (home), and Tel. (business).

## Answer or reject a call

To answer the call, press

To mute the ringing tone when a call comes in select Silence.

¥ Tip! If a compatible headset is connected to the device, to answer and end a call, press the headset key.

If you do not want to answer a call, press  $\Rightarrow$  to reject it. The caller hears a line busy tone. If you have activated the Call divert settings > Voice calls > If busy function to divert calls, rejecting an incoming call also diverts the call. See 'Call diverting', p. 101.

When you reject an incoming call, you can also send a text message to the caller informing why you cannot answer the call. Select Options > Send text message. You can edit the text before sending it. See also Reject call with SMS, p. 95.

## Call waiting (network service)

You can answer a call while you have another call in progress if you have activated Call waiting (network service) in Tools > Settings > Call > Call waiting.

Tip! To change the device tones for different environments and events (for example, when you want your device to be silent), see 'Profiles—set tones', p. 18.

To answer the waiting call, press . The first call is put on hold.

To switch between the two calls, select Swap. Select Options > Transfer to connect an incoming call or a call on hold with an active call and to disconnect yourself from the calls. To end the active call, press To end both calls, select Options > End all calls.

## Options during a call

Many of the options that you can use during a call are network services. Select Options during a call for some of the following options: Mute or Unmute Answer, Reject,

Swap, Hold or Unhold, Activate handset, Activate loudsp., or Activate handsfree (if a compatible headset with Bluetooth connectivity is attached), End active call or End all calls, New call, Conference, and Transfer. Select from the following:

Replace—to end an active call and replace it by answering the waiting call.

Send DTMF—to send DTMF tone strings (for example, a password). Enter the DTMF string or search for it in Contacts. To enter a wait character (w) or a pause character (p), press \* repeatedly. Select OK to send the tone.

☆ Tip! You can add DTMF tones to the Phone number or DTMF fields in a contact card



Log

#### Recent calls

To monitor the phone numbers of missed, received, and dialed calls, press  $\{g\}$ , and select  $\{M\}$  own  $> \{L\}$  Log  $> \{L\}$  Recent calls. The device registers missed and received calls only if the network supports these functions, the device is switched on, and within the network service area.

Tip! When you see a note in the standby mode about missed calls, select Show to access the list of missed calls. To call back, scroll to a name or number, and press .

To clear all recent call lists, select Options > Clear recent calls in the recent calls main view. To clear one of the call registers, open the register you want to erase, and select Options > Clear list. To clear an individual event, open a register, scroll to the event, and press

#### **Call duration**

To monitor the approximate duration of your incoming and outgoing calls, press §, and select My own > Log > Call duration.

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

To clear call duration timers, select Options > Clear timers. For this you need the lock code. See 'Security', 'Phone and SIM', p. 99.

#### Packet data

To check the amount of data sent and received during packet data connections, press \( \frac{9}{3}, \) and select \( \text{My own} > \) \( \text{Log} > \text{Packet data}. \) For example, you may be charged for your packet data connections by the amount of data sent and received

## Monitor all communication events

Icons in Log:

Incoming Outgoing

▲ Missed communication events

To monitor all voice and video calls, text messages, or data connections registered by the device, press \$\mathbf{g}\$, select My own > Log, and press the scroll key to the right to open the general log. For each communication event, you can see the sender or recipient name, phone number, name of the service provider, or access



point. You can filter the general log to view just one type of event and create new contact cards based on the log information.

- Tip! If you want to see the duration of a voice call on the main display during an active call, select Options > Settings > Show call duration > Yes.
- Tip! To view a list of sent messages, press §, and select Messaging > Sent.

Subevents, such as a text message sent in more than one part and packet data connections, are logged as one communication event. Connections to your mailbox, multimedia messaging center, or Web pages are shown as packet data connections.

To filter the log, select Options > Filter and a filter.

To erase the contents of the log, recent calls register, and messaging delivery reports permanently, select Options > Clear log. Select Yes to confirm.

To set the Log duration, select Options > Settings > Log duration. The log events remain in the device memory for a set number of days after which they are automatically erased to free memory. If you select No log, all the log contents, recent calls register, and messaging delivery reports are permanently deleted.

To view the details of a communication event, in the general log view scroll to an event, and press the scroll key.

Tip! In the details view you can copy a phone number to the clipboard, and paste it to a text message, for example. Select Options > Copy Number.

Packet data counter and connection timer: To view how much data, measured in kilobytes, is transferred and how long a certain packet data connection lasts, scroll to an incoming or outgoing event indicated by Pack., and select







## **Contacts (Phonebook)**

Press §, and select Contacts. In Contacts you can add a personal ringing tone or a thumbnail image to a contact card. You can also create contact groups, which allow you to send text messages or e-mail to many recipients at the same time. You can add received contact information (business cards) to contacts. See 'Data and settings', p. 57. Contact information can only be sent to or received from compatible devices.

☆ Tip! Regularly back up the information on the device to the memory card. You can restore the information, such as contacts, to the device later. See 'Memory card tool', p. 15. You can also use Nokia PC Suite to back up your contacts to a compatible PC. See the CD-ROM supplied with your device.

## Save names and numbers

- 1 Select Options > New contact.
- 2 Fill in the fields that you want, and select Done.

To edit contact cards in **Contacts**, scroll to the contact card you want to edit, and select **Options** > **Edit**.

To delete a contact card in **Contacts**, select a card, and press **C**. To delete several contact cards at the same time,

press  ${\cal D}$  and  ${ullet}$  to mark the contacts, and press  ${ullet}$  to delete.

☆ Tip! To add and edit contact cards, use Nokia Contacts Editor available in Nokia PC Suite. See the CD-ROM supplied with your device.

To attach a small thumbnail image to a contact card, open the contact card, and select Options > Edit > Options > Add thumbnail. The thumbnail image is shown when the contact calls.

want to send contact information, select the card you want to send. Select Options > Send > Via text message, Via multimedia, Via e-mail, or Via Bluetooth, See 'Messaging', p. 51 and 'Send data using Bluetooth connectivity', p. 84

#### Default numbers and addresses

You can assign default numbers or addresses to a contact card. In this way if a contact has several numbers or addresses, you can easily call or send a message to the contact to a certain number or address. The default number is also used in voice dialling.

1 In contacts, select a contact, and press .

- 2 Select Options > Defaults.
- 3 Select a default to which you want to add a number or an address and Assign.
- 4 Select a number or an address you want to set as a default

## Copy contacts

If you have phone numbers stored on the SIM card, copy them to Contacts. Entries that are saved only on the SIM card are not shown in the contacts directory, and for incoming calls and messages, the device cannot match the number to the name

When a new SIM card is inserted in the device and you open Contacts for the first time, you are asked if you want to copy the contact entries on the SIM card to the device memory. Select Yes to copy the entries to your contacts directory.

To copy individual names and numbers from a SIM card to your device, press § , and select Contacts > Options > SIM contacts > SIM directory. Select the names you want to copy and Options > Copy to Contacts.

To copy contacts to your SIM card, press  $\{g\}$ , and select Contacts. Select the names you want to copy and Options > Copy to SIM direct., or Options > Copy > To SIM directory. Only the contact card fields supported by your SIM card are copied.

☆ Tip! You can synchronise your contacts to a compatible PC with Nokia PC Suite. See the CD-ROM supplied with your device.

## SIM directory and other SIM services

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

Press of and select Contacts > Options > SIM contacts > SIM directory to see the names and numbers stored on the SIM card. In the SIM directory you can add, edit, or copy numbers to contacts, and you can make calls.

To view the list of fixed dialling numbers, select Options > SIM contacts > Fixed dialling contacts. This setting is only shown if supported by your SIM card

To restrict calls from your device to selected phone numbers, select Options > Activ. fixed dialling. To add new numbers to the fixed dialling list, select Options > New SIM contact. You need the PIN2 code for these functions.

When you use Fixed dalling, packet data connections are not possible, except when sending text messages over a packet data connection. In this case, the message centre number and the recipient's phone number must be included on the fixed dialling list.

When fixed dialing is activated, calls may be possible to the official emergency number programmed into your device.

## Add ringing tones for contacts

When a contact or group member calls you, the device plays the chosen ringing tone (if the caller's telephone number is sent with the call and your device recognises it).

- 1 Press to open a contact card, or go to the groups list, and select a contact group.
- 2 Select Options > Ringing tone A list of ringing tones opens.
- 3 Select the ringing tone you wish to use for the individual contact or the selected group.

To remove the ringing tone, select **Default tone** from the list of ringing tones.

## Create contact groups

- 1 In Contacts, press ( ) to open the groups list.
- 2 Select Options > New group.
- 3 Write a name for the group or use the default name Group %N, and select OK.
- 4 Open the group, and select Options > Add members.

- 5 Scroll to a contact, and press to mark it. To add multiple members at a time, repeat this action on all the contacts you want to add.
- 6 Select OK to add the contacts to the group.

To rename a group, select Options > Rename, enter the new name, and select OK.

## Remove members from a group

- 1 In the groups list, open the group you want to modify.
- 2 Scroll to the contact, and select Options > Remove from group.
- 3 \Select Yes to remove the contact from the group.
- Tip! To check to which groups a contact belongs, scroll to the contact, and select Options > Belongs to broups.

# Camera and Gallery



## Camera

Your Nokia N72 has a high resolution camera on the back of the device that can be used to take still images and videos

To activate the camera, open the camera lens cover on the back of the device. The Camera application starts when the camera is activated, and you can see the view to be captured.

In Camera, you can take pictures and record videos. To move between still image and video capture, select Options > Image mode or Video mode.

The images and video clips are automatically sayed in the Gallery. The cameras produce .jpeg images, and video clips are recorded in the 3GPP file format with the .3gp file extension (Normal video quality modes) or in the .mp4 file format (High video quality mode). See 'Video settings', p. 37. You can also send images or a video in a multimedia message as an e-mail attachment, or by using Bluetooth connectivity.

¥ Tip! You can insert an image into a contact card. See 'Save names and numbers', p. 28.

Your Nokia N72 supports an image capture resolution of up to 1600 x 1200 pixels using the camera. The image resolution in these materials may appear different.

## Take pictures

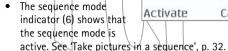
To make lighting and color adjustments before taking a picture, select Options > Image setup > Shooting mode, Flash, White balance, or Colour tone. See 'Adjust color and lighting', p. 34 and 'Shooting modes', p. 34.

☆ Tip! You can press the key or use the camera capture key (located on the right hand side of the device) for still image capture.

Camera indicators show the following:

- The device memory (1) and memory card (1) indicators (1) show where images are saved.
- The images indicator (2) estimates how many images, depending on the selected image quality, can fit in the remaining memory of your device or the memory card.
- The mode indicator (3) shows the active mode. See 'Shooting modes', p. 34.

- The flash indicator (4) shows if the flash is set to Automatic (4A) On (4 ), or Off (× ).
- The resolution indicator (5) shows the selected image quality. See 'Adjust still image camera settings', p. 33.





Activate

Cancel

• The self-timer indicator (7) shows that the self-timer is activated. See 'You in the picture—selftimer', p. 33.

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

When taking a picture, note the following:

- It is recommended to use both hands to keep the camera still.
- To take images or record video in different environments, use the correct mode for each environment. See 'Shooting modes', p. 34.
- The quality of a zoomed picture is lower than that of a non-zoomed picture.

The camera goes into the battery saving mode if there are no key presses within a minute. To continue taking pictures, press .

After the image is taken, note the following:

- If you do not want to keep the image, press  $\Gamma$ .
- To send the image Via multimedia, Via e-mail, or Via Bluetooth, press . For more information, see 'Messaging', p. 51 and 'Bluetooth connectivity', p. 83. This option is not available during an active call.
- To send an image to the other party during an active call, select Options > Send to caller.
- To edit the picture, select Options > Edit, See 'Edit images', p. 35.
- To print the picture, select Options > Print. See 'Image print', p. 46.

## Take pictures in a sequence

To set the camera to take pictures in a sequence with a single press of the key or the camera capture key, select Options > Sequence mode. If you press and hold the key or the camera-capture key, image capture continues until you release the key. You can capture up to 100 images, depending on the available memory.

You can also use the sequence mode with the Self-timer. See 'You in the picture—self-timer', p. 33. If the self-timer is activated, a maximum of six pictures can be captured.

The pictures are automatically saved in Gallery.

## You in the picture-self-timer

Use the self-timer to delay the taking of a picture so that you can include yourself in the picture. To set the self-timer delay, select Options > Self-timer > 10 seconds, 20 seconds, or 30 seconds. To activate the self-timer, select Activate. The self-timer indicator (5) blinks and the device beeps when the timer is running. The camera takes the picture after the selected delay has elapsed. You can also use the Self-timer in the sequence mode. See 'Take pictures in a sequence, p. 32.

#### The 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.

The camera has an LED flash for low light conditions. The following flash modes are available: Automatic ( $\ A$ ), On ( $\ A$ ), and Off ( $\ A$ ).

Select Options > Image setup > Flash > On to use the flash.

If the flash is set to **Off** or **Automatic** during bright conditions, the flash still emits a low light when an image is captured. This allows the subject of the picture to see

when the picture is taken. There is no flash effect on the resultant picture.

## Adjust still image camera settings

There are two kinds of settings for the still image camera: Image setup settings and main settings. To adjust Image setup settings, see 'Adjust color and lighting', p. 34. The setup 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, select Options > Settings and from the following:

Image quality—High - Print, Med. - E-mail, or Low - Multimedia. The better the image quality, the more memory the image consumes. The quality of a zoomed picture is lower than that of a non-zoomed picture. If you want to print the image, select High - Print (resolution 1600x1200). If you want to send it through e-mail, select Med. - E-mail (resolution 1024x768). To send the image through MMS, select Low - Multimedia (resolution 640x480).

clarity of an image. Resolution is a measure of sharpness and clarity of an image. Resolution refers to the number of pixels in an image. The more pixels, the more detailed the picture is, and the more memory it consumes.

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

Extended 200m—Select On if you want to achieve maximum 200m but are prepared to accept lower image resolution.

Show captured image—Select Yes if you want to see the captured image after it is taken, or No if you want to continue taking pictures immediately.

Default image name—Set a default name for the images you are going to take. You can replace the date with your own text (for example, 'Holiday\_2006').

Memory in use—Select where to store your images.

## Adjust color and lighting

To enable the camera to reproduce colors and lighting more accurately, or to add effects to your pictures or videos, select Options > Image setup or Video setup, and select from the following options:

Shooting mode—select a mode for the environment in which you are taking pictures. See 'Shooting modes', p. 34. Every mode uses its own lighting settings that have been adjusted according to a certain kind of environment.

Flash (images and camera only)—Set the flash to Automatic, On/forced, or Off. See 'The flash', p. 33.

White balance—Select the current lighting condition from the list. This allows the camera to reproduce colors more accurately.

Colour tone—Select a color effect from the list.

The display changes to match any settings made, showing you how the change affects the pictures or videos.

The settings return to the default settings when you close the camera. If you select a new mode, the settings are replaced by the settings of the selected mode. See 'Shooting modes', p. 34. If you need to change the setup settings, you can change them after selecting a mode.

## Shooting modes

Shooting modes help you to find the right color and lighting settings for the current environment. Select a mode for taking pictures or recording video clips from a modes list. The settings of each mode have been set according to a certain style or environment in which the pictures are taken. Select Options > Image setup/Video setup > Shooting mode:

#### Video modes

Normal ( )(default)—Use this mode in all conditions.

Night ( )—Use this mode in low light conditions.

#### Image modes

Automatic ( (default) — Use this mode in all conditions.

User defined ( )—Use this mode to create a personalized scene with your own flash, white balance, and color tone settings.

Portrait ( ) - Use this mode to take portrait pictures, such as head shots and sitting poses.

Landscape ( ) Use this mode when you take pictures of objects that are further away.

Night ( )—Use this mode in low light conditions.

Sport ( )—Use this mode to take pictures of fast moving objects. When you use this mode, the resolution of the images is reduced from 1600x1200 to 800x600/See Image quality, p. 33.

When taking pictures, the default mode is Automatic. If you select the User defined mode, however, it is set as the default mode.

To make your own mode suitable for a certain environment, select User defined mode. In the user mode you can adjust Based on mode, Flash, White balance, Colour tone, and Reset user mode options. To copy the settings of another mode, select Based on mode and the desired mode.

## **Edit images**

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

Select Apply effect to crop and rotate the image; adjust the brightness, color, contrast, compression, and resolution; and add effects, text, clip art, or a frame to the picture.

To crop an image, select Options > Apply effect > Crop. Select Manual to crop the image size manually, or select a predefined aspect ratio from the list. If you select Manual, a cross appears on the upper left corner of the image. To move the cross, and select the area to be cropped, move the scroll key. Select Set. Another cross appears on the lower right corner. Select again the area to be cropped, and select Crop.

To add clip art to an image, select Options > Apply effect > Clip-art. Select the item you want to add from the list, and press . To move, rotate, and change the size of the item, select Options > Move, Resize, or Rotate.

To add/text to an image, select Options > Apply effect > Text. Enter the text, and select OK. To edit the text, select Options > Move, Resize/Rotate, or Select colour.

Shortcuts in the image editor:

 To view an image in the full screen mode, press \* .To return to the normal view, press \* again. • To zoom in or out, press **5** and **0**.

## Record videos

To move between still image and video capture, select

Options > Image mode or Video mode. Open the Video
mode

To make lighting and color adjustments before recording a video, select Options > Video setup > Shooting mode. White balance, or Colour tone. See 'Adjust color and lighting', p. 34.

To select a mode, select Options > Video setup > Shooting mode. See 'Shooting modes', p. 34.

- 1 Press to start recording. The record icon is shown. The LED flash is lit, and a tone sounds, indicating to the subject that video is being recorded. There is no flash effect on the resultant video.
- 3 Select Continue to resume recording.
- 4 Select Stop to stop recording. The video clip is automatically saved to the Images & video folder of Gallery. See 'Gallery', p. 39.

Video recorder indicators show the following:

- The device memory () and memory card () indicators (1) show where the video is saved.
- The current video length indicator (2) shows elapsed time and time remaining.
- The mode indicator (3) shows the active mode. See 'Shooting modes', p. 34.



- The microphone indicator (4) shows that the microphone is muted.
- The video quality indicator (5) shows the selected video quality.

#### After a video clip is recorded:

- To immediately play the video clip you just recorded, select Options > Play.
- If you do not want to keep the video, press [.
- To return to the viewfinder to record a new video, press
- To send the video Via multimedia, Via e-mail, or Via Bluetooth, press
   For more information, see 'Messaging', p. 51 and 'Bluetooth connectivity', p. 83. This option is not available during an active call.

- To send a video clip to the other party during an active call, select Options > Send to caller.
- To edit the video, select Options > Edit. See 'Edit video clips', p. 37.

#### Video settings

There are two kinds of settings for the video recorder: Video setup settings and main settings. To adjust Video setup settings, see 'Adjust color and lighting', p. 34. The setup 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, select Options > Settings and from the following:

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

Video quality—Set the quality of the video clip to High, Normal, or Sharing. If you select High or Normal, the length of the video recording is restricted by the available space on your memory card, and up to 1 hour per clip. If you want to view the video on a compatible TV or PC, select High video quality, which has CIF resolution (352x288) and file format .mp4.

You cannot send video clips saved in the .mp4 format in a multimedia message. If you want to view the clip in mobile phones, select Normal, which has QCIF resolution (176x144) and .3gpp file format. To send the video clip

through MMS, select **Sharing** (QCIF resolution, .3gpp file format).

The Normal video clip is limited to 300 KB (approximately 20 seconds in duration) so that it can be conveniently sent as a multimedia message to a compatible device. Some networks, however, may only support sending of multimedia messages with a maximum size of 100 kB. Contact your service provider or network operator for more information.

Add to album—Select whether you want to save the recorded video clip to a certain album in Gallery. Select Yes to open a list of available albums.

Show captured video—Select whether you want the recorded video Clip to play automatically after the recording stops.

Default video name—Define a name or select the date.

Memory ir use—Define the default memory store: device memory or memory card.

## Edit video clips

You can edit video clips in Gallery.

To edit video clips and create custom video clips, scroll to a video clip, and select Options > Edit. To create custom video clips, combine and trim video clips, and add images, sound clips, transitions, and effects. Transitions are visual

effects that you can add in the beginning and end of the video or between the video clips.

In the video editor you can see two timelines: video clip timeline and sound clip timeline. If you add images, text, or transitions to a video clip, they are shown on the video clip timeline. To move on the timelines, scroll left or right. To switch between the timelines, scroll up or down.

#### Edit video, sound, image, text, and transitions

To create custom video clips, mark and select one or more video clips, and select options Edit.

Press 

and to move between the video clip and the sound clip.

To modify the video, select from the following options:

#### Edit video clip:

Cut—Trims the video clip in the cut video clip view.

Add colour effect—Inserts a color effect on the video clin.

Use slow motion—Slows the speed of the video clip.

Mute/Unmute—Mutes or unmutes the original video clip sound

Move—Moves the video clip to the selected location.

Remove—Removes the video clip from the video.

**Duplicate**—Makes a copy of the selected video clip.

Edit text (shown only if you added text)—To move, remove or duplicate text; change the color and style of the text; define how long it stays on the screen; and add effects to the text.

Edit image (shown only if you have added an image)—To move, remove or duplicate an image; define how long it stays on the screen; and set a background or a color effect to the image.

#### Edit\sound clip:

Cut—Trims the sound clip in the cut sound clip view.

Move Moves the sound clip to the selected location.

Remove—Removes the sound clip from the video.

Duplicate—Makes a copy of the selected sound clip.

Set duration—Changes the length of the sound clip.

Edit transition—There are three types of transitions: at the start of a video, at the end of a video, and transitions between video clips. A start transition can be selected when the first transition of the video is active.

#### Insert:



Video clip—Inserts the selected video clip. A thumbnail of the video clip is shown in the main view. A thumbnail consists of the first non-black view of the video clip. The name and length of the selected video clip is also shown.

Image—Inserts the selected image. A thumbnail of the image is shown in the main view.

Text—Inserts text to the video clip. You can insert a title, subtitle, or credits.

Sound clip—Inserts the selected sound clip. The name and length of the selected sound clip is shown in the main view.

New sound clip—Records a new sound clip to the selected location.

Movie—Preview the movie in the full screen mode or as a thumbnail, save or send the movie, or cut the movie to a proper size for sending it in a multimedia message.

☆ Tip! To take a snapshot of a video clip, select Options > Take snapshot in the thumbnail preview view or in the cut video view.

To save your video, select Options > Movie > Save. To define the Memory in use, select Options > Settings. The default is the device memory.

☆ Tip! In the Settings view, you can define Default video name, Default image name, Resolution, and Memory in use. Select Send > Via multimedia, Via e-mail, or Via Bluetooth if you want to send the video. Contact your service provider or network operator for details of the maximum multimedia message size that you can send. If your video is too large to be sent 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 connectivity. See 'Send data using Bluetooth connectivity', p. 84. You can also transfer your videos to your PC using Bluetooth wireless technology or by using a memory card reader (enhancement).



## Gallery

To store and organize your images, video clips, sound clips, playlists, and streaming links, press of and select Gallery. To open the gallery from the Camera application, select Options > Go to Gallery. In Camera, only the Images & video folder is available.

Tip! To switch from
Gallery to the camera,
select Options Go to
Camera from the Images
Et video folder.

Select Images & video Tracks , Sound clips , Links , or All files , and press • to open



You can browse and open

folders; and mark, copy, and move items to folders. Video clips, ram files, and streaming links are opened and played in the RealPlayer application. See 'RealPlayer', p. 47. Music tracks are played and managed in the music player application. See 'Music player', p. 77.

Tip! You can transfer images from your device to a compatible PC with Nokia Phone Browser available in Nokia PC Suite. See the CD-ROM supplied with your device.

To copy or move files to the memory card or to device memory, select a file and Options > Organise > Copy to memory card/Move to memory card or Copy to phone mem./Move to phone mem. Files stored on the memory card are indicated with

To download files into Gallery in one of the main folders using the browser, select Graphic downls, or Video downlds., Track downlds., or Sound downlds.. The browser opens, and you can select a bookmark from which the site can download.

## View images and video clips

Pietures taken and video clips recorded with the camera are stored in the Images & video folder in Gallery. The quality of a video clip is indicated with one of the following icons: [ (High), [ (Normal), and [ (Sharing).] Images and video clips can also be sent to you in a multimedia message, as an e-mail attachment, or through Bluetooth connectivity. To be able to view a received image or video clip in the gallery or in the media player, you must save it in the device memory or on a memory card.

Open the Images Excided folder in Gallery. The images and video clip files are in a loop, and ordered by date. The number of files can be seen on the display. To browse the files, scroll left or right. Press and hold or to browse the files in a continuous loop.

To edit an image or a video clip, select Options > Edit. An image editor or a video editor opens.