User's Guide

C€168

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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.

DRAFT FN. 9232323

Contents

| FOR YOUR SAFETY | 8 |
|--|----|
| Personalising your phone | 11 |
| Profiles - setting tones | 12 |
| Offline profile | 12 |
| Themes - the look of your phone | 13 |
| Your phone | 15 |
| Essential indicators | 15 |
| Clock | 16 |
| Clock settings | |
| World clock | |
| Volume control and built-in loudspeaker | |
| File manager - managing memory | |
| Viewing memory consumption | |
| Memory low - freeing memory | 18 |
| Memory card tool | |
| Formatting a memory card | 20 |
| Making calls | 21 |
| Making a voice call | 21 |
| Making a video call | |
| Speed dialling a phone number | |
| Making a conference call (network service) | |
| Answering or rejecting a call | |
| | |

| Answering or rejecting a video call | 24 |
|--|----|
| Call waiting (network service) | |
| Options during a call | |
| og | |
| Recent calls | 25 |
| Call duration | 25 |
| Packet data | |
| Monitoring all communication events | 26 |
| Contacts (Phonebook) | 28 |
| saving names and numbers | |
| Using default numbers and addresses | |
| Copying contacts between the SIM card and devi | |
| nemory | |
| SIM directory and other SIM services | |
| Adding ringing tones for contacts | |
| oice dialling | |
| Adding a voice tag to a phone number | 30 |
| Making a call by saying a voice tag | |
| Creating contact groups | |
| Removing members from a group | 32 |
| Camera and Gallery | 33 |
| Camera | |
| Taking pictures | 33 |
| raking proteiros | 00 |

| Taking pictures in a sequence | 34 |
|---------------------------------------|----|
| You in the picture - self-timer | 35 |
| Adjusting camera settings | |
| Recording videos | |
| Adjusting video recorder settings | |
| Gallery | |
| Viewing images | |
| Media | 39 |
| Video editor | 39 |
| Editing video, sound, and transitions | 39 |
| Movie director | |
| Settings | |
| Image mgr | |
| Recorder | |
| RealPlayer™ | 42 |
| Playing video or sound clips | 43 |
| Streaming content over the air | 43 |
| Receiving RealPlayer settings | |
| Messaging | 46 |
| Writing text | 47 |
| Traditional text input | |
| Predictive text input - Dictionary | |
| Copying text to clipboard | |
| Writing and sending messages | |
| Receiving MMS and e-mail settings | |
| Inbox - receiving messages | |
| 0 | |

| Receiving multimedia messages53 |
|--|
| Receiving logos, tones, business cards, calendar |
| entries, and settings54 |
| Receiving Web service messages54 |
| My folders55 |
| Mailbox55 |
| Opening the mailbox55 |
| Retrieving e-mail messages55 |
| Deleting e-mail messages56 |
| Disconnecting from the mailbox57 |
| Outbox - messages waiting to be sent57 |
| Viewing messages on a SIM card58 |
| Messaging settings58 |
| Settings for text messages58 |
| Settings for multimedia messages59 |
| Settings for e-mail60 |
| Settings for Web service messages62 |
| Settings for cell broadcast (network service)63 |
| Other settings63 |
| Calendar and To-do64 |
| Calendar - creating calendar entries64 |
| Calendar views65 |
| Setting a calendar alarm65 |
| Calendar settings66 |
| To-do - task list |
| Web67 |

| Accessing the Web | 67 |
|--|--|
| Receiving browser settings | |
| Keying in the settings manually | 67 |
| Bookmarks view | 68 |
| Adding bookmarks manually | 68 |
| Sending bookmarks | 69 |
| Making a connection | 69 |
| Connection security | 69 |
| Browsing | 70 |
| Viewing saved pages | 71 |
| Downloading and purchasing items | 71 |
| Ending a connection | 72 |
| Emptying the cache | 72 |
| Settings for Web | 72 |
| | |
| Organiser | 74 |
| Organiser | |
| Calculator | 74 |
| • | 74 74 |
| Calculating percentages Notes | 74 74 74 |
| Calculator Calculating percentages Notes Go to - adding shortcuts | 74 74 74 74 |
| Calculating percentages Notes | 74 74 74 75 |
| Calculator Calculating percentages Notes Go to - adding shortcuts Deleting a shortcut | 74 74 74 75 75 |
| Calculator Calculating percentages Notes Go to - adding shortcuts Deleting a shortcut Converter - converting measures | 74 74 74 75 75 |
| Calculator | 74 74 74 75 76 76 |
| Calculator | 74 74 74 75 76 76 |
| Calculator | 74 74 74 75 76 77 |
| Calculator Calculating percentages Notes Go to - adding shortcuts Deleting a shortcut Converter - converting measures Setting a base currency and exchange rates . Wallet Creating a wallet code Storing personal card details | 74 74 75 75 76 77 77 |

| Viewing ticket details | 79 |
|---|----|
| Wallet settings | |
| Resetting the wallet and wallet code | 79 |
| IM - Instant Messaging (chat) | 81 |
| Receiving IM settings | 81 |
| Connecting to an IM server | 81 |
| Modifying your IM settings | 82 |
| Searching for IM groups and users | 82 |
| Joining and leaving an IM group | 83 |
| Chatting | 83 |
| Recording chats | 84 |
| Viewing and starting conversations | 84 |
| IM contacts | 85 |
| Managing IM groups | 85 |
| Administrating an IM group | 8 |
| Creating a new IM group | 8 |
| Adding and removing group members | |
| Chat server settings | 87 |
| Connectivity | 8 |
| Bluetooth connection | |
| Bluetooth settings | |
| Sending data using Bluetooth | |
| Pairing devices | |
| Receiving data using Bluetooth | |
| Switching off Bluetooth | |
| PC connections - using Bluetooth or USB | |
| | |

| Using the CD-ROM | 91 |
|--|-----|
| Using your phone as a modem | |
| Connection manager | |
| Viewing data connection details | 92 |
| Sync - remote synchronisation | |
| Creating a new synchronisation profile | |
| Synchronising data | 95 |
| Tools | 96 |
| Settings | 96 |
| Phone settings | |
| Call settings | |
| Connection settings | |
| Date and time | |
| Security | 102 |
| Call diverting | |
| Call barring (network service) | 106 |
| Network | 106 |
| Enhancement settings | 107 |
| | |

FOR YOUR SAFETY

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



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



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



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



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



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



SWITCH OFF WHEN REFUELLING Don't use the phone at a refuelling point. Don't use near fuel or chemicals.



SWITCH OFF NEAR BLASTING Follow any restrictions. Don't use the phone where blasting is in progress.



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



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



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



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



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



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



EMERGENCY CALLS Ensure the phone function of the phone is switched on and in service. Press) as many times as needed to clear the display and return to the start screen. Enter the emergency number, then press (. 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, and UMTS 2000 network. Contact your service provider for more information about networks.

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



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

Network Services

To use the phone you must have service from a wireless service provider. Many of the features in this device depend on features in the wireless network to function. These Network Services may not be available on all networks or you may have to make specific arrangements with your service provider before you can utilize Network

Services. Your service provider may need to give you additional instructions for their use and explain what charges will apply. Some networks may have limitations that affect how you can use Network Services. For instance, some networks may not support all language-dependent characters and services.

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

This wireless device is a 3GPP GSM Release 99 terminal supporting GPRS service, and is designed to support also Release 97 GPRS networks. However, there may be some compatibility issues when used in some Release 97 GPRS networks. For more information, contact your service provider.

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

Enhancements, batteries, and chargers

Check the model number of any charger before use with this phone. This phone is intended for use when supplied with power from ACP-12 and LCH-12.



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 phone and its enhancements may contain small parts.

Keep them out of reach of small children.

Personalising your phone

- Note: Your service provider/network operator may have requested a different order for menu items or the inclusion of different icons in the phone menu. Contact your service provider/network operator or Nokia Customer Care for assistance with any features that differ from those described in this guide.
- To change the standby mode background image, colour scheme, or what is shown in the screen saver, see 'Themes - the look of your phone', p. 13.
- To customise the ringing tones, see 'Profiles setting tones', p. 12.
- To change shortcuts assigned for the selection keys in the standby mode, select Tools→
 Settings→ Phone→ Standby mode→ Left selection key or Right selection key.
- To change the shortcuts assigned for the different presses of the Scroll key in the standby mode, see 'Standby mode', p. 97.
- To change the clock shown in the standby mode, select Tools→ Settings→ Date and time settings→ Clock type→ Analogue or Digital.
- To change the Clock alarm tone, select Clock → Options → Settings. Scroll to Clock Alarm tone and select a tone.
- To change the Calendar alarm tone, select Calendar → Options → Settings.
- To change the welcome note to an image or animation, select Tools→ Settings→
 Phone→ General→ Welcome note or logo.
- To assign an individual ringing tone to a contact, select Contacts. See p. 28.



Fig. 1 Standby mode with a new background image, a new selection key shortcut, UMTS network and Bluetooth activated.

To rearrange the main Menu, in the main Menu, select Options

Move, New folder, or Move to folder. You can move less used applications into folders, and place applications that you use more often into the main Menu.



Profiles - setting tones

To set and customise the ringing tones, message alert tones, and other tones for different events, environments, or caller groups, press g and select Profiles. You can see the currently selected profile at the top of the display in the standby mode. If the General profile is in use, only the current date is shown.

- To change the profile, press (i) in the standby mode. Scroll to the profile you want to activate and press OK.
- To create a new profile, select Options → Create new.

Offline profile

Offline profile lets you use the phone without connecting to the wireless network. When you activate the Offline profile, the connection to the wireless network is turned off, as indicated by in the signal strength indicator. All wireless phone signals to and from the device are prevented. If you try to send messages, they are placed in Outbox to be sent later.

☆ Tip! When you are choosing a tone, Tone downloads opens a list of bookmarks. You can select a bookmark and start connection to a Web page to download tones.

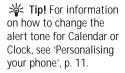


Warning: In Offline profile you cannot make calls, except calls to certain emergency numbers, or use features that require network coverage. To make calls, change the profile to activate the phone function. If the device has been locked, you must enter the unlock code before you can change the profile and make calls.



Warning: Your device must be switched on to use the 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 Offline profile, select another profile and select Options \rightarrow Activate. Press Yes. The phone re-enables wireless transmissions (providing there is sufficient signal strength). If Bluetooth was turned off as a result of entering Offline profile you must re-enable Bluetooth manually, See 'Bluetooth settings', p. 89.





Themes - the look of your phone

To change the look of your phone display, such as the wallpaper, colour palette, and icons, press Ω and select Tools \rightarrow Themes. The active theme is indicated by \mathcal{M} . In Themes you can group together elements from other themes or select images from Gallery to personalise themes further. The themes on the memory card are indicated by \blacksquare .

- 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.
 - Colour palette the colours used on the screen.
 - Screen saver the screen saver type: date and time, or a text you have written yourself. See also Screen saver timeout settings, p. 97.
 - Icons select icons to be used from some other theme. All pre-installed themes have the same icon set.
 - Image in 'Go to' the background image for the Go to application.

Options in the Themes main view: Preview/ Theme downloads, Apply. Edit. Copy to mem. card, Copy to phone mem., Help, and Exit.

• To restore the selected theme back to its original settings, select Options→ Restore orig. theme when you are editing a theme.

Your phone

Essential indicators

\Pi - The phone is being used in a GSM network.

36 (network service) - The phone is being used in a UMTS network. The phone selects the GSM or UMTS network automatically according to the network parameters and the roaming agreements between the network operators.

- You have received one or several messages to the Inbox folder in Messaging.

_ - There are messages waiting to be sent in Outbox. See
p. 57.

Y and • - You have missed calls. See 'Recent calls', p.25.

Shown if Ringing type is set to Silent and Message alert tone, IM alert tone, and E-mail alert tone are set to Off. See 'Profiles - setting tones', p. 12.

--0 - The phone keypad is locked. See the Quick Start Guide, 'Keypad lock (Keyquard)'.

You have an active alarm. See 'Clock', p. 16.

- All calls to the phone are diverted to another number. A headset is connected to the phone.

4 - A loopset is connected to the phone.

The connection to a Bluetooth headset has been lost.

- A data call is active.

- A packet data connection is available.

- A packet data connection is active.

Shown when the packet data connection is on hold. These icons are shown instead of the signal strength indicator (shown in the top left corner in the standby mode). See 'Packet data connections in GSM and UMTS networks', p. 99.

- An UMTS connection is active.

- Bluetooth is active.

(*) - Data is being transmitted using Bluetooth. See 'Bluetooth connection', p. 88.

- USB connection is active.



Clock

Options in Clock: Set alarm, Reset alarm, Remove alarm, Settings, Help, and Exit. Press **Q** and select **Clock**.

- To set a new alarm, select Options
 → Set alarm. Enter the alarm time, and press OK.
 When the alarm is active, the indicator is shown.
- To turn off the alarm, press Stop. When the alarm tone sounds, press any key or Snooze
 to stop the alarm for five minutes, after which it will resume. 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 press **Stop**, the device asks whether you want to activate the device for calls. Press **No** to switch off the device or **Yes** to make and receive calls. Do not press **Yes** when wireless phone use may cause interference or danger.

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

Clock settings

- To change the clock settings, select Options → Settings in Clock.
- 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 phone (network service), scroll down and select Auto time update. For the Auto
 time update setting to take effect, the phone restarts.
- To change the alarm tone, scroll down and select Clock alarm tone.
- To change the daylight saving time status, scroll down and select <u>Daylight-saving</u>.
 Select On to add one hour to the <u>My home city</u> time. When the <u>Daylight-saving</u> is active, the right-saving is active, the

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 home city. The city is
 displayed in the Clock main view and the time in your phone is changed according to
 the city selected. Check that the time is correct and matches your time zone.

Volume control and built-in loudspeaker

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

The built-in loudspeaker allows you to speak and listen to the phone from a short distance without having to hold the phone to your ear, for example, having it on a table nearby. Sound applications use the loudspeaker by default.

- To locate the loudspeaker, see the Quick Start Guide, 'Keys and parts'.
- To use the loudspeaker during a call, start a call, and press
 - **Important:** Do not hold the phone near your ear when the loudspeaker is in use, because the volume may be extremely loud.
- To turn off the loudspeaker, when you have an active call or are listening to a sound, press <a> 1.

File manager - managing memory

Many features of the phone use memory to store data. These features include contacts, messages, images, ringing tones, calendar and to-do notes, documents, and downloaded



Icons in File manager:

folder,
folder that has a subfolder.

₩ Tip! You can use Nokia Phone Browser available in Nokia PC Suite to view the different memories in your phone. See the CD-ROM supplied in the sales package. applications. The free memory available depends on how much data is already saved in the phone memory. You can use a memory card as extra storage space. Memory cards are re-writable, so you can delete and save data on a memory card.

- To browse files and folders in the phone memory or on a memory card (if inserted), press

 g and select Organiser→ File mgr.. The phone memory view () opens. Press

 to open the memory card view ().
- To find a file, select Options

 Find, select the memory from which to search, and enter
 a search text that matches the file name.

Viewing memory consumption

Memory low - freeing memory

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

- To free phone memory, transfer data to a memory card in the File manager. Mark files to be moved, and select Move to folder, select memory card, and a folder.
- To remove data to free memory, use the File manager application, or go to the respective application. For example, you can remove:
 - messages from the Inbox, Drafts, and Sent folders in Messaging
 - · retrieved e-mail messages from the phone memory
 - saved Web pages

- · saved images, videos, or sound files
- contact information
- · calendar notes
- downloaded applications, see also 'Application manager', p. 108.
- any other data that you no longer need.

Memory card tool

Press ¶ and select Organiser→ Memory. You can use a memory card as extra storage space. See Quick Start Guide, 'Inserting the memory card'. You can also back up information from phone memory and restore the information to the phone later.

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

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

Do not open the memory card slot door in the middle of an operation. Opening the slot door may damage the memory card as well as the device, and data stored on the card may be corrupted.

Use only compatible Multimedia cards (MMC) with this device. Other memory cards, such as Secure Digital (SD) cards, do not fit in the MMC 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.

- To backup information from phone memory to a memory card, select Options→ Backup phone mem..
- To restore information from the memory card to the phone memory, select Options→ Restore from card.
- To set a password to protect your memory card against unauthorised use, select
 Options → Set password (up to 8 characters). The password is stored in your phone,



Fig. 3 Memory consumption of the memory card.

Options in
Memory card: Backup
phone mem., Restore
from card, Format mem.
card, Memory card
name, Set password,
Change password,
Remove password,
Unlock memory card,
Memory details, Help,
and Exit.

⇒ Tip! To rename a memory card, go to Memory card and select Options → Memory card name.

- and you do not have to enter it again while you are using the memory card on the same phone.
- To unlock another password-protected memory card in your phone, select Options

 Unlock memory card, and enter the password of the card.

Formatting a memory card

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

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

To format a memory card, select Options \rightarrow Format mem. card. Select Yes to confirm. When formatting is complete, enter a name for the memory card, and press OK.

Making calls

Making a voice call

- 1 In the standby mode, enter the phone number, including the area code. Press C 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 (to call the number.
- 3 Press 3 to end the call (or to cancel the call attempt).
- Pressing **\(\right)** will always end a call, even if another application is active.

Making a call from the Contacts application - 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.

Calling your voice mailbox (network service) - To call your voice mailbox, press and hold ${\bf 1}_{\alpha\alpha}$ in the standby mode. See also 'Call diverting', p. 106.

Making a video call

When you make a video call, you can see a real-time, two-way video between you and the recipient of the call. See Figure 4. The video image captured by the camera in your phone will be shown to the video call recipient.

☆ Tip! To increase or decrease the volume during a call, press or

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



Fig. 4 Making a video call.

Icons:

⇒ Tip! To speed dial a number by pressing and holding the key, press sand select Tools → Settings → Call settings and set Speed dialling → On.

¥ Tip! With Nokia Video Call Stand PT-8, you can view your own image and the other caller's image from your phone display during a video call.

To be able to make a video call, you need to have a USIM card and be in the coverage of a UMTS network. For availability of and subscription to video call services, contact your network operator or service provider. A video call can only be made between two parties. The video call can be made to a compatible mobile phone or an ISDN client. Video calls cannot be made while there is another voice, video, or data call active.

- 1 To start a video call, enter the phone number in the standby mode, or go to Contacts, and select a contact. Then select Options → Call → Video call.
- 2 Starting a video call may take a while. A note Waiting for image is shown. If the call is not successful, for example, video calls are not supported by the network, or the receiving device is not compatible, you will be asked if you want to try a normal call or send a message instead.
- 3 The video call is active when you can see two video images and hear the sound through the loudspeaker. See Figure 4. The call recipient may deny video sending (), in which case you may see a still image or a grey background graphic. You will hear the sound. Select Enable/Disable: Sending video, Sending audio or Sending audio & video if you want to change between showing video or hearing only sound.

 Select Zoom in or Zoom out; or press and to zoom your own image. Zoom indicator is shown on the top of the display.
- 4 To end the video call, press ...

Speed dialling a phone number

- To assign a phone number to one of the speed dialling keys (2_{abc} wxyz 9), press 3 and select Tools -> Speed dial. 1_{ab} is reserved for the voice mailbox.
- To call: In standby mode, press the speed dial key and \(\bigl\).

Making a conference call (network service)

- 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, 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 phone 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 press Private. The conference call is
 put on hold on your phone. The other participants can still continue the conference
 call. Once you have finished 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 press Drop.
- 4 To end the active conference call, press **3**.

Answering or rejecting a call

- To answer the call, press (.
- To mute the ringing tone when a call comes in, press Silence.
- If you do not want to answer a call, press

 If you have activated the Call divert
 If busy function to divert calls, rejecting an incoming call will also divert the call. See 'Call diverting', p. 106.
 When you reject an incoming call, you can also send a text message to the caller informing why you could not answer the call. Select Options
 Reject & send SMS.
 You can edit the text before sending it. See also Reject call with SMS, p. 97.

☆ Tip! If a compatible headset is connected to the phone, you can answer and end a call by pressing the headset key.

Answering or rejecting a video call

When a video call arrives, you can see the icon κ .

- 1 Press **(** to answer the video call. Allow video image to be sent to caller? is shown. If you select Yes, the image being captured by the camera in your phone is shown to the caller. If you select No, video sending is not activated, and a still image is shown. You will hear the sound. See 'Tools', Image in vid. call, p. 98. If you use Nokia Video Call Stand PT-8, video call starts when you place the phone in the stand.
- 2 To end the video call, press **3**.

Call waiting (network service)

You can answer a call while you have another call in progress if you have activated the Call waiting function in Tools→ Settings→ Call settings→ Call waiting (see also p. 24).

- To answer the waiting call, press (. The first call is put on hold.
- To switch between the two calls, press 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. Press 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 Bluetooth headset is attached), End active call or End all calls, New call, Conference, and Transfer. Select:

Tip! To change the phone tones for different environments and events, for example, when you want your phone to be silent, see 'Profiles - setting tones', p. 12.

- Replace to end an active call and replace it by answering the waiting call.
- Send MMS (in UMTS networks only) to send an image or a video in a multimedia
 message to the other participant of the call. You can edit the message and change the
 recipient before sending. Press (to send the file to a compatible device (network
 service).
- 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. Press OK to send the tone.

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



Recent calls

To monitor the phone numbers of missed, received, and dialled calls, press ♀ and select Log→ Recent calls. The phone registers missed and received calls only if the network supports these functions, the phone is switched on, and within the network's service area.

Erasing recent call lists - 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 C.

Call duration

To monitor the approximate duration of your incoming and outgoing calls, press \S and select Log \rightarrow Call duration.

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

* Tip! If you want to see the call duration timer while you have an active call, select Options→ Settings→ Show call duration→ Yes.

Icons:

- incoming,
- outgoing, and
- missed
communication events.

Tip! To view a list of sent messages, press and select Messaging → Sent.

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

Clearing call duration timers - Select Options→ Clear timers. For this you need the lock code, see 'Security', 'Phone and SIM', p. 102. To clear an individual event, scroll to it, and press **C**.

Packet data

To check the amount of data sent and received during packet data connections, press and select Log→ Packet data. For example, you may be charged for your packet data connections by the amount of data sent and received.

Monitoring all communication events

To monitor all voice and video calls, text messages, or data connections registered by the phone, press and select Log, and press to open the general log. See Fig. 5. 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.

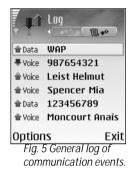
Subevents, such as a text message sent in more than one part and packet data connections, are logged as one communication event. Connections to your mailbox, multimedia messaging centre, or Web pages are shown as packet data connections.

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

- To filter the log, select Options→ Filter. Scroll to a filter and press Select.
- To erase the contents of the log, Recent calls register, and Messaging delivery reports permanently, select Options

 Clear log. Press Yes to confirm.
- To set the Log duration, go to Options
 → Settings
 → Log duration. The log events remain in the phone 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.

Packet data counter and connection timer: To view how much data, measured in kilobytes, has been transferred and how long a certain packet data connection has lasted, scroll to an incoming or outgoing event with the access point icon The and select Options View details.



Contacts (Phonebook)

Options in the
Contacts directory: Open,
Call, Create message,
New contact, Open
conversation, Edit, Delete,
Duplicate, Add to group,
Belongs to groups, Mark/
Unmark, Copy, SIM
contacts, Go to web
address, Send, Contacts
info, Settings, Help, and
Exit.

Options when editing a contact card:
Add thumbnail, Remove thumbnail, Add detail, Delete detail, Edit label, Help, and Exit.

☆ Tip! You can add and edit contact cards using Nokia Contacts Editor available in Nokia PC Suite. See the CD-ROM supplied in the sales package.

Press \S and select Contacts. In Contacts you can add a personal ringing tone, voice tag, 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 'Receiving logos, tones, business cards, calendar entries, and settings', p. 54. Contact information can only be sent to or received from compatible devices.

Saving names and numbers

- 1 Select Options → New contact.
- 2 Fill in the fields that you want, and press Done.
- To edit contact cards in Contacts, scroll to the contact card you want to edit, and select
 Options
 Edit.
- To attach a small thumbnail image to a contact card, open the contact card and select
 Options→ Edit. Then select Options→ Add thumbnail. The thumbnail image is shown
 when the contact calls.

Using 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 into a certain number or address.

- 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 press Assign.
- 4 Select a number or an address you want to set as a default, and press Select.

The default number or address is underlined in the contact card.

Copying contacts between the SIM card and device memory

- To copy names and numbers from a SIM card to your phone, press and select
 Contacts→ Options→ SIM contacts→ SIM directory. Select the names you want to
 copy, and select Options→ Copy to Contacts.
- To copy a telephone, fax, or pager number from Contacts to your SIM card, select Contacts, and open a contact card. Scroll to the number, and select Options→ Copy→ To SIM directory.

SIM directory and other SIM services

Note: For availability, rates, and information on using SIM services, contact your SIM card vendor (network operator, service provider or other vendor).

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

¡ Tip! To send contact information, select the card you want to send. Select Options→ Send→ Via text message, Via multimedia or Via Bluetooth. See the 'Messaging' chapter, and 'Sending data using Bluetooth', p. 89.

Tip! Speed dialling is a quick way to call frequently used numbers. You can assign speed dialling keys to eight phone numbers. See "Speed dialling a phone number", p.22.

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

Example: You can use a person's name as a voice tag (for example, 'John's mobile'.

Adding ringing tones for contacts

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

Voice dialling

You can make a phone call by saying a voice tag that has been added to a contact card. Any spoken words can be a voice tag.

Before using voice tags, note that:

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

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

Adding a voice tag to a phone number

You can have only one voice tag per contact card. You can add a voice tag to up to 50 phone numbers.

1 In Contacts, open the contact card to which you want to add a voice tag.

- 2 Scroll to the number to which you want to add the voice tag and select Options → Add voice tag.
- 3 Press Start to record a voice tag. After the starting tone, say clearly the words you want to record as a voice tag. Wait until the phone plays the recorded tag and saves it. A symbol 🐑 can be seen next to the number in the contact card indicating that a voice tag has been added to it.

⇒ Tip! To view a list of voice tags you have defined, select Options → Contacts info → Voice tags in Contacts.

Making a call by saying a voice tag

You must say the voice tag exactly as you said it when you recorded it. When you are making a call by saying a voice tag, the loudspeaker is in use. Hold the phone at a short distance away and say the voice tag clearly.

Press and hold (2). A short tone is played and the note Speak now is displayed. The
phone plays the original voice tag, displays the name and number, and dials the number
of the recognised voice tag.

Creating 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 press 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 Press OK to add the contacts to the group.

To rename a group, select Options→ Rename. Then enter the new name, and press OK.

★ Tip! To listen to, change, or delete a voice tag, open a contact card and scroll to the number that has a voice tag (indicated by ♠). Select Options→ Voice tags. Then select either Playback, Change, or Delete.

⇒ Options in the Groups list view: Open, New group, Delete, Rename, Ringing tone, Contacts info, Settings, Help, and Exit.

Removing 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 Press Yes to remove the contact from the group.

Camera and Gallery



With the Camera application you can take pictures and record videos while on the move. The images and video are automatically saved in the Gallery application. The camera produces JPEG images, and video clips are recorded in the 3GPP file format with the .3gp file extension. You can also send images or a video in a multimedia message, as an e-mail attachment, or using a Bluetooth connection.

The Nokia 6630 device supports an image capture resolution of up to 1280 x 960 pixels. The image resolution in these materials may appear different.

Taking pictures

1 Press in the standby mode. The Camera application opens, and you can see the view to be captured. See Figure. Press to move between Image and Video views.



Indicator shows where the images will be saved: to phone memory (() or memory card ().
 Shows how many images, depending on the selected picture quality, fit in the memory of your phone or the memory card.

3.The zoom indicator shows the zoom level. Press to zoom in, press to zoom out.

4. Night mode active indicator .

5.The sequence mode indicator _____. See p. 34.

6.The self-timer indicator **5** shows how much time is left before a picture is taken. See p. 35.

Shortcut: Press in the standby mode to open Camera.

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

Options before taking a picture: Capture, New, Activate night mode / Deact. night mode, Sequence mode / Normal mode, Self-timer, Go to Gallery, Adjust, Settings, Help, and Exit.

Shortcuts:

Press 1 to activate or deactivate Night mode.

Press 4 to activate or deactivate Sequence mode.

Press $_{\mbox{def}}$ 3 to adjust brightness.

Press _{mno} **6** to adjust contrast.

2 To take a picture, press . Do not move the phone before the Camera application starts to save the image. The image is saved automatically in the Images folder of Gallery. See 'Gallery', p. 37.

When taking a picture:

- It is recommended to use both hands to keep the camera still.
- To take images or record video in a dark environment, use the Night mode. If you are using the Night mode, the exposure time is longer and the camera needs to be kept still longer.
- To adjust brightness or contrast before taking a picture, select Options→ Adjust→ Brightness or Contrast.
- The resolution of a zoomed picture is lower than that of a non-zoomed picture, but the image remains the same size. You may notice the difference in image quality if viewed on a PC, for example.

After the image has been taken:

- If you do not want to keep the image, press C.
- To return to the viewfinder to take a new picture, press
- To send the image via Bluetooth, via e-mail, or Via multimedia, press \(\int \). For more information see the 'Messaging' chapter, p. 46 and 'Bluetooth connection', p. 88.
- To set the picture as wallpaper in the standby mode, select Options → Set as wallpaper.

Taking pictures in a sequence

Select Options→ Sequence mode to set the camera to take 6 pictures in a sequence. After the pictures have been taken, they are automatically saved in the Gallery, and they are shown in a grid. See Fig. 6.



Fig. 6 Pictures taken in a sequence.

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. Select the self-timer delay: Options
Self-timer
10 seconds, 20 seconds, or 30 seconds. Press Activate. You can see the self-timer indicator () blink and hear a beep when the timer is running. The camera will take the picture after the selected delay has elapsed.

Adjusting camera settings

- 1 Select Options→ Settings→ Image.
- 2 Scroll to the setting you want to change:
 - Show captured image Select Yes if you want to see the captured image after it has been taken or No if you want to continue taking pictures immediately.
 - Image quality High, Normal, and Basic. The better the image quality, the more
 memory the image consumes. The resolution of a zoomed picture is lower than that
 of a non-zoomed picture, but the image remains the same size. You may notice the
 difference in image quality if viewed on a PC, for example. If you are going to print
 the image, select High or Normal image quality.
 - Image resolution Select the resolution you want to use for the images you are going to take. When pictures are taken using the Sequence mode, resolution setting may be temporarily changed to a lower value.
 - Default image name Set a default name for the images you are going to take. You can replace date with your own text (for example, 'Holiday_2004').
 - Memory in use Select where to store your images.

Recording videos

1 Press Camera in the standby mode.

Glossary: 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.

Options before recording a video: Record, New, Activate night mode / Deact. night mode, Mute / Unmute, Go to Gallery, Adjust, Settings, Help, and Exit.

Shortcuts:

contrast.

Press 1 ab to activate or deactivate Night mode.
Press def 3 to adjust brightness.
Press mno 6 to adjust

Exit.

- 3 Press to start recording. The record icon is shown.



- 1. The elapsed time / time left with the current video length setting.
- 2.The zoom indicator shows the zoom level. Press to zoom in on your subject before or during recording. Press to zoom out.
- 3. Microphone muted indicator 🖗

Video recording is automatically stopped if recording is set to pause and there are no key presses within a minute.

4 Press Stop to stop recording. The video clip is automatically saved to the Video clips folder of the Gallery. See 'Gallery', p. 37.

After a video clip has been recorded:

- To immediately play the video clip you just recorded, select Options→ Play.
- If you do not want to keep the video, press C.
- To return to the viewfinder to record a new video, press .
- To send the video via Bluetooth, via e-mail, or Via multimedia, press \(\int \). For more information see the 'Messaging' chapter, p. 46 and 'Bluetooth connection', p. 88.

Adjusting video recorder settings

Select Options→ Settings→ Video and the setting you want to change:

- Length If you select Maximum, the length of the video recording is restricted to one hour per clip. Select Short to record video clips up to 300 kB, which is approximately 30 seconds in duration, so that they can be conveniently sent as a multimedia message to a compatible device. Some networks, however, may only support sending of multimedia messages with the maximum size of 100 kB.
- · Video resolution, Default video name and Memory in use.



In the Gallery application you can store and organise your images, sound clips, playlists, video clips, streaming links, and .ram files.

Select Images , Video clips , Tracks , Sound clips , Links , or All files , and press , to open it.

You can browse, open, and create folders; and mark, copy and move items to folders. Sound clips, video clips, .ram files, and streaming links are opened and played in the RealPlayer application. See 'RealPlayer™', p. 42.

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

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

Options when viewing an image: Send, Set as wallpaper, Rotate, Zoom in / Zoom out, Full screen, Delete, Rename, View details, Add to 'Go to', Help, and Exit.

To search for a file, select Options

Find. Start to enter a search string (for example, the name or date of the file you are searching). Files that match your search are shown.

Viewing images

Pictures taken with the Camera application are stored in the Gallery. Images can also be sent to you in a multimedia message, as an e-mail attachment, or through Bluetooth. To be able to view a received image in Gallery, you need to save it in the phone memory or on a memory card.

- Open the Images folder in the Gallery to start the image viewer, select an image, and press to view it.
- To see more of the image, select Options → Full screen (or press * +). The panes around the image are removed. To move the focus when you are zooming an image or viewing an image in full screen mode, use the scroll key.

Media



Video editor

To create custom video clips, press ♀ and select Media→ Vid. editor. You can create custom video clips by combining and trimming video clips, and adding 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.

Editing video, sound, and transitions

- 1 Mark and select one or more video clips.
- 2 Select Options→ Edit. In the Edit video view, you can insert video clips to make a custom video clip, and edit the clips by trimming and adding effects. You can add sound clips and change their duration.

To modify the video, select one of the following options:

Preview - Previews the custom video clip.

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.
- 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.

Cut - Trims the video clip or a sound clip in the Cut video clip or in the Cut sound clip view.



Fig. 7 The Edit video view, where the selected transition is set to Dip to black.

★ Tip! To take a snapshot of a video clip, select Options → Take screen shot in the Play view, Edit Preview view or in the Cut view.

Tip! In the Settings view you can define the Default video name, Default sc. shot name and the Memory in use.

Edit video clip:

- Move Moves the video clip to the selected location.
- Add colour effect Inserts a colour effect on the video clip.
- Use slow motion Slows the speed of the video clip.
- Mute sound / Unmute sound- Mutes or unmutes the original video clip sound.
- Remove Removes the video clip from the video.
- Edit sound clip:
 - Move Moves the sound clip to the selected location.
 - Set duration Edits the sound clip length.
 - Remove Removes the sound clip from the video.
 - Duplicate Makes a copy of the selected video clip or 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.
- 3 Select Save to save your video. You can define the Memory in use in the Settings. The default is the phone memory.

Select Send: Via multimedia, Via Bluetooth, or Via e-mail if you want to send the video. Contact your service provider 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, a symbol will appear.

** 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. 'Sending data using Bluetooth', p. 89. You can also transfer your videos using Bluetooth into your Bluetooth-enabled personal computer, or by using a memory card reader (internal/external).



Movie director

To create muvees, press § and select Media Movie. muvees are short, edited video clips that can contain video, music and text. Quick muvee is created automatically by the Movie

director after you have selected the style for the muvee. Movie director uses the default music and text associated with the chosen style. Every style has, for example, its own font style, colour, music, and pace. To Custom muvee you can select your own video and music clips, images and style, and you can also add an opening and closing message. muvees can be sent using MMS.

Open Movie, and press or to move between the and views. You can also return to the main view from the view by pressing Done.

The view contains a list of video clips that you can Play, Send, Rename, and Delete.

- To create a custom muvee, select Custom muvee. In Video, Image, Style, or Music, select
 the clips you want to include in your muvee. In Message you can add an opening text
 and a closing text to a muvee. Select Create muvee.:
 - Multimedia message the length of the muvee is optimised for MMS sending.
 - Same as music to set the muvee duration to be the same as the music clip chosen.
 - User defined to define the length of the muvee. Select Options→ Save.
- To preview the custom muvee before saving it, in Preview muvee view, select Options

 Play.
- To create a new custom muvee by using the same style settings, select Options→
 Recreate.
- To add an opening text and a closing text to a custom muvee when you are creating it, in Create muvee view select Message. Enter the opening message and the closing message, and select Done.

⇒ Tip! To download new styles to your phone, select Style downloads from the Movie director main view.

Options in the muvee list options menu: Play, Send, Rename, Delete, Help and Exit.

Settings

Select **Settings** to edit the following options:

- 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.



Image mgr.

To browse your images visually, press ♀ and select Media→ Image mgr. See Fig. 8.

- 1 Press (to select the memory: Phone or Memory card. Image manager also shows how many folders or images are in the selected folder.
- 2 Open a folder to browse your images visually. Press (a) and (b) to move between images and folders. Press () to view an image.
 - Press and o simultaneously to mark images for an image show. A check mark is shown next to a selected image. Select Options → Image show. Press () and () to view the next or previous image in the show.



Fig. 8 Images viewed in Image manager.



Recorder

Press and select Media

Recorder to record telephone conversations and voice memos. If you are recording a telephone conversation, both parties will hear a tone every five seconds during recording.

RealPlayer™

Press • and select Media → RealPlayer. With RealPlayer[™], you can play video clips, sound clips, and playlists, or stream media files over the air. A streaming link can be activated when you are browsing Web pages, or it can be stored in the phone memory or memory card.

RealPlayer supports files with the extensions such as .aac, .awb, .mid, .mp3 and .wav.However, RealPlayer does not necessarily support all file formats or all the variations of file formats. For example, RealPlayer will attempt to open all .mp4 files, but some .mp4 files may include content that is not compliant with 3GPP standards and, therefore, is not supported by this phone.

Playing video or sound clips

- 1 To play a media file stored in phone memory or memory card, select Options→ Open and select:
 - Most recent clips To play one of the last six files played in RealPlayer,
 - Saved clip To play a file saved in the Gallery. See 'Gallery', p. 37.
- 2 Scroll to a file, and press () to play the file.

* Tip! To view a video clip in full screen mode, press 2 abc . Press again to change back to normal screen mode.

Streaming content over the air

To stream live content, you must first configure your default access point. See 'Data connections and access points', p. 99, Many service providers require you to use an Internet access point (IAP) for your default access point. Other service providers allow you to use a WAP access point. Contact your service provider for more information.

Note: In RealPlayer, you can only open an rtsp:// URL address. However, RealPlayer will recognise an http link to a .ram file.

Options in RealPlayer when a clip is selected: Play, Play in full screen/Continue, Continue in full scr.; Stop, Mute/ Unmute, Clip details, Send, Settings, Help, and Exit.

Icons:

') - Repeat,

- Random,

Repeat and

Loudspeaker muted

Shortcuts during play:

To fast forward, press and hold ().

To rewind through the media file, press and hold

To mute the sound, press and hold • until the indicator is displayed.

To turn on the sound. press and hold (until you see the [1] indicator.

Glossary: Proxy servers are intermediate servers between media servers and their users. Some service providers use them to provide additional security or speed up access to browser pages that contain sound or video clips.

To stream content over the air, select a streaming link saved in the Gallery, on a Web page, or received in a text message or multimedia message. Before live content begins streaming. your phone will connect to the site and start loading the content.

Receiving RealPlayer settings

You may receive RealPlayer settings in a special text message from the network operator or service provider. See 'Receiving logos, tones, business cards, calendar entries, and settings', p. 54. For more information, contact your network operator or service provider.

Changing the RealPlayer settings

Select Options→ Settings:

Video - To have RealPlayer automatically repeat video clips after they finish playing.

Audio settings - To select if you want to repeat playing of track lists and play sound clips on a track list in random order.

Connection settings - To select whether to use a proxy server, change the default access point, and set the time-outs and port range used when connecting. Contact your service provider for the correct settings.

- Proxv settings:
 - Use proxy To use a proxy server, select Yes.
 - Proxy serv. address Enter the IP address of the proxy server.
 - Proxy port number Enter the port number of the proxy server.
- Network settings:
 - Default access point Scroll to the access point you want to use to connect to the Internet, and press (•).
 - Online time Set the time for RealPlayer to disconnect from the network when you have paused a media clip playing through a network link, select User defined, and press (). Enter the time, and press OK.

- Connection time-out Press or to set the maximum time to elapse between selecting a network link and connecting to the media server, and press OK.
- Server time-out- Press or or to set the maximum time to wait for a response from the media server before disconnecting, and press OK.
- Lowest UDP port Enter the lowest port number of the server's port range. The minimum value is 6970.
- Highest UDP port Enter the highest port number of the server's port range. The maximum value is 32000.
 - Select Options— Advanced settings to edit the bandwidth values for different networks.

Messaging

Options in the Messaging main view:
Open, Create message,
Connect (shown if you have defined mailbox settings) / Disconnect
(shown if a connection to mailbox is active), SIM messages, Cell broadcast, Service command, Settings, Help, and Exit.

☆ Tip! Organise your messages by adding new folders under **My folders**.

★ Tip! When you have opened any of the default folders, you can switch between the folders by pressing or or .

Press \S and select Messaging. In Messaging, you can create, send, receive, view, edit, and organise text messages, multimedia messages, e-mail messages, and special text messages containing data. You can also receive messages and data through Bluetooth, receive Web service messages, cell broadcast messages as well as send service commands.

Note: These functions can only be used if they are supported by your network operator or service provider. Only devices that offer compatible multimedia message, or e-mail features can receive and display these messages. Some networks might provide the recipient device with a Web page link to view multimedia messages.

When you open Messaging, you can see the New message function and a list of folders:

Inbox - contains received messages except e-mail and cell broadcast messages. E-mail messages are stored in the Mailbox.

My folders - for organising your messages into folders.

Mailbox - In Mailbox you can connect to your remote mailbox to retrieve your new e-mail messages or view your previously retrieved e-mail messages offline. See 'Settings for e-mail', p. 60.

Drafts - stores draft messages that have not been sent.

Sent - stores the last 15 messages that have been sent excluding messages sent using Bluetooth. To change the number of messages to be saved, see 'Other settings', p. 63.

Outbox - is a temporary storage place for messages waiting to be sent.

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 might not be possible.

- To enter and send service requests (also known as USSD commands), such as activation commands for network services, to your service provider, select Messaging → Options→ Service command in the main view of Messaging.
- Cell broadcast is a network service that 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.

Options in Cell broadcast: Open, Subscribe /Unsubscribe, Hotmark / Remove hotmark, Topic, Settings, Help, and Exit.

Writing text

Traditional text input

The indicator **pbc** is shown on the top right of the display when you are writing text using traditional text input.

- Press a number key (1 ap wxyz 9) repeatedly until the desired character appears.
 There are more characters available for a number key than are printed on the key.
- · To insert a number, press and hold the number key.
- To switch between letter and number mode, press and hold ♠ #
- 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 erase a character, press **C** . Press and hold **C** to clear more than one character.
- The most common punctuation marks are available under 1_{∞} . Press 1_{∞} repeatedly to reach the desired punctuation mark.

Icons: **ABC** and **abc** indicate the selected case. **Abc** means that the first letter of the word, is written in upper case, and all the other letters will automatically be written in lower case. **123** indicates number mode.

- Press * + to open a list of special characters. Use to move through the list, and press Select to select a character.
- To switch between the different character cases Abc, abc, and ABC, press ... #.

Predictive text input - Dictionary

You can enter any letter with a single keypress. The predictive text input is based on a built-in dictionary to which you can also add new words. When the dictionary becomes full, the latest added word replaces the oldest.

- 1 To activate predictive text input, press ②, and select Dictionary on. This will activate predictive text input for all editors in the phone. The indicator is shown on the top right of the display when you are writing text using predictive text input.
- 2 To write the desired word, press the keys 2 abc wxyz 9. Press each key only once for one letter. For example, to write 'Nokia' when English dictionary is selected, press mno 6 for N, mno 6 for o, 5 jkl for k, 4 ghi for i, and 2 abc for a. See the Fig. 9. The word suggestion changes after each key press.
- 3 When you have finished writing the word and it is correct, confirm it by pressing or add a space by pressing o. . . .

 - If the ? character is shown after the word, the word you intended to write is not in the dictionary. To add a word to the dictionary, press Spell, enter the word (up to 32 letters) using traditional text input, and press OK. The word is added to the dictionary. When the dictionary becomes full, a new word replaces the oldest added word
- 4 Start writing the next word.
- * Tip! To set predictive text input on or off, press _ # twice quickly.

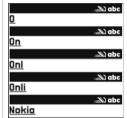


Fig. 9 The word match is evolving, wait until you have keyed in the whole word before you check the results.

Tips on using predictive text input

- To erase a character, press C. Press and hold C to clear more than one character.
- To change between the different character cases Abc, abc, and ABC, press # . If you press # quickly twice, the predictive text input is turned off.
- To insert a number in letter mode, press and hold the desired number key.
 To switch between letter and number mode, press and hold ... #.
- The most common punctuation marks are available under 1 and anothen
 + repeatedly to search for the desired punctuation mark.
- Press and hold * + to open a list of special characters.
- Press * + repeatedly to view the matching words the dictionary has found one by one.
- ▼ Tip! When you press ♠, the following options appear (depending on the editing mode): Dictionary (predictive text input), Alpha mode (traditional text input), Number mode, Cut (if text has been selected), Copy (if text has been selected), Paste (when text has been cut or copied first), Insert number, Insert symbol, and Writing language: (changes the input language for all editors in the phone).

Writing compound words

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 o _ to add a space.

Turning predictive text input off

★ Tip! The predictive text input will try to guess which commonly used punctuation mark (.,?!') is needed. The order and availability of the punctuation marks depend on the language of the dictionary.

Copying text to clipboard

- 2 To copy the text to clipboard, while still holding \mathcal{Q} , press Copy.
- 3 To insert the text into a document, press and hold , and press Paste. Or, press once, and select Paste.
- To remove the selected text from the document, press **C**.

Writing and sending messages

The appearance of a multimedia message may vary depending on the receiving device.

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

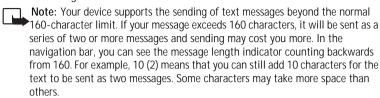
Before you can create a multimedia message or write an e-mail, you must have the correct connection settings in place. See 'Receiving MMS and e-mail settings', p. 52 and 'Settings for e-mail', p. 60.

- 1 Select New message. A list of message options opens.
 - Text message to send a text message.
 - Multimedia message to send a multimedia message (MMS).
 - E-mail to send an e-mail. If you have not set up your e-mail account, you will be prompted to do so.
- 2 Press to select recipients from Contacts, or enter the recipient's phone number or e-mail address. Press to add a semicolon (;) that separates the recipients. You can also copy and paste the number or address from the Clipboard.
- **3** Press to move to the message field.

★ Tip! You can start to create a message from any application that has the option Send. Select a file (an image, text) to be added to the message, and select Options→ Send.

☆ Tip! Scroll to a contact, and press to mark it. You can mark several recipients at a time.

4 Write the message.



To add a media object to a multimedia message, select Options→ Insert object→
Image, Sound clip or Video clip. When sound is added, the icon is shown in the
navigation bar.

Tip! When you send a multimedia message to an e-mail address or a device that supports the receiving of large images, use the larger image size. If you are not sure of the receiving device, or the network does not support sending large file, it is recommended that you use a smaller image size or a sound clip that is no longer than 15 seconds. To change the setting, select Options→

Settings→ Multimedia message→ Image size in the Messaging main view.

If you select Insert new

Sound clip, Recorder opens, and you can record a new sound. Press OK, the new sound is automatically saved, and a copy is inserted in the message. Select Options

Preview to see what the multimedia message looks like.

To add an attachment to an e-mail, select Options→ Attachments→ Insert→
Image, Sound clip, Video clip or Note. E-mail attachments are indicated by
in the navigation bar.

5 To send the message, select Options \rightarrow Send, or press $\langle \cdot \rangle$.

Note: 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 status Failed.

☆ Tip! In Messaging you can also create presentations and send them in a multimedia message. In Multimedia message editor view, select Options→ Create presentation (shown

Options in the message editor: Send, Add recipient, Insert, Attachments (e-mail), Preview (MMS), Objects (MMS), Remove (MMS), Delete, Check contacts, Message details, Sending options, Help, and Exit.



Fig. 10 Creating a multimedia message.

only if MMS creation mode is set to Guided or Free). See 'Settings for multimedia messages', p. 59.

Receiving MMS and e-mail settings

You may receive the settings in a text message from your network operator or service provider. See 'Receiving logos, tones, business cards, calendar entries, and settings', p. 54.

For availability of and subscription to data services, please contact your network operator or service provider. Follow the instructions given by your service provider.

Entering the MMS settings manually:

- 1 Select Tools → Settings → Connection → Access points and define the settings for a multimedia messaging access point. See 'Connection settings', p. 99.
- 2 Select Messaging→ Options→ Settings→ Multimedia message. Open Access point in use and select the access point you created to be used as the preferred connection. See also 'Settings for multimedia messages', p. 59.

Before you can send, receive, retrieve, reply to, and forward e-mail, you must:

- Configure an Internet access point (IAP) correctly. See 'Connection settings', p. 99.
- Define your e-mail settings correctly. See 'Settings for e-mail', p. 60. You need to have a separate e-mail account. Follow the instructions given by your remote mailbox and Internet service provider (ISP).

★ Tip! To send files other than sounds and notes as attachments, open the appropriate application, and select Send→ Via e-mail, if available.

Inbox - receiving messages

when you receive a message, and the text 1 new message are shown in the standby mode. Press Show to open the message. To open a message in Inbox, scroll to it and press .

Receiving multimedia messages



Important: Multimedia message objects may contain viruses or otherwise be harmful to your device or PC. Do not open any attachment if you are not sure of the trustworthiness of the sender.

When you open a multimedia message (), you may see an image and a message, and simultaneously listen to a sound through the loudspeaker () is shown if sound is included). Click the arrow in the icon to listen to the sound.

To see what kinds of media objects have been included in the multimedia message, open the message, and select Options Objects. You can choose to save a multimedia object file in your phone or send it, for example, through Bluetooth to another compatible device.

You may also receive multimedia presentations. You can view these presentations by selecting Options→ Play presentation.

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

Inbox icons:

• unread messages in Inbox,

a - unread text message,

- unread multimedia message, and

* - data received through Bluetooth.

Tip! If you receive a vCard file that has a picture attached, the picture is saved to Contacts.

Tip! To change the default access point settings for multimedia messaging, select Messaging→ Options→ Settings→ Multimedia message→ Access point in use.

Receiving logos, tones, business cards, calendar entries, and settings

Your phone can receive many kinds of text messages that contain data (), also called Over-The-Air (OTA) messages.

- Configuration message You may receive a text message service number, voice mailbox number, Internet access point settings, access point login script settings, or e-mail 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 Contacts, select Options→ Save business card. Certificates or sound files attached to the business card are not saved.
- Ringing tone To save the ringing tone, select Options → Save.
- Operator logo For the logo to be shown in the standby mode instead of the network operator's own identification, select Options

 Save.
- Calendar entry To save the invitation, select Options → Save to Calendar.
- Web message To save the bookmark to the bookmarks list in Web, select Options→
 Save to bookmarks. If the message contains both access point settings and bookmarks,
 to save the data, select Options→ Save all.
- E-mail notification Tells you how many new e-mails you have in your remote mailbox. An extended notification may list more detailed information.

Receiving 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.

My folders

llders, you can organise your messages into folders, create new folders, and rename and delete folders.

☆ Tip! You can use texts in the Templates folder to avoid rewriting messages that you send often.



If you select Mailbox and have not set up your e-mail account, you are prompted to do so. See 'Settings for e-mail', p. 60. When you create a new mailbox, the name you give to the mailbox replaces Mailbox in the Messaging main view. You can have several mailboxes (up to six).

Opening the mailbox

When you open the mailbox, you can choose whether you want to view the previously retrieved e-mail messages and e-mail headings offline or connect to the e-mail server.

When you scroll to your mailbox and press

, the phone asks you if you want to Connect to mailbox?

- Select Yes to connect to your mailbox and retrieve new e-mail headings or messages.
 When you view messages online, you are continuously connected to a remote mailbox using a packet data connection. See also 'Essential indicators', p. 15 and 'Connection settings', p. 99.
- Select No to view previously retrieved e-mail messages offline. When you view e-mail
 messages offline, your phone is not connected to the remote mailbox.

Retrieving e-mail messages

If you are offline, select Options→ Connect to start a connection to a remote mailbox.

Important: E-mail messages may contain viruses or otherwise be harmful to your device or PC. Do not open any attachment if you are not sure of the trustworthiness of the sender



Fig. 11 Mailbox with different status icons.

F-mail status icons:

- new e-mail (offline or online mode), the content has not been retrieved to your phone.
- new e-mail, the content has been retrieved to your phone.
- e-mail message has been read.
- a e-mail heading that has been read and the message content has been deleted from the phone.

- 1 When you have an open connection to a remote mailbox, select Options→ Retrieve e-mail:
 - New to retrieve all new e-mail messages to your phone.
 - Selected to retrieve only the e-mail messages that have been marked.
 - All to retrieve all messages from the mailbox.

To stop retrieving messages, press Cancel.

- 2 After you have retrieved 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.
- 3 To open an e-mail message, press ①. If the e-mail message has not been retrieved (arrow in the icon is pointing outwards) and you are offline, you will be asked if you want to retrieve this message from the mailbox.

To view e-mail attachments, open a message that has the attachment indicator **①**, and select **Options** → **Attachments**. If the attachment has a dimmed indicator, it has not been retrieved to the phone; select **Options** → **Retrieve**. In the Attachments view, you can retrieve, open, or save attachments. You can also send attachments using Bluetooth.



Fig. 1 If your mailbox uses the IMAP4 protocol, you can decide whether to retrieve e-mail headers only, or messages partially (kB). With the POP3 protocol, the options are e-mail headers only, partially (kB), or messages and attachments.

Deleting e-mail messages

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



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

To delete an e-mail from both the phone as well as from the remote mailbox, select
 Options → Delete msq. from: → Phone and server.

Note: If you are offline, the e-mail is deleted first from your phone. 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 both the phone and server, scroll to an e-mail that
has been marked to be deleted during the next connection () and select Options→
Undelete

→ Tip! To copy an e-mail from the remote mailbox to a folder under My folders, select Options → Copy to folder. Select a folder from the list, and press OK.

Disconnecting from the mailbox

When you are online, select Options→ Disconnect to end the packet data connection to the remote mailbox. See also 'Essential indicators', p. 15.

Viewing e-mail messages when offline

When you open Mailbox the next time and you want to view and read the e-mail messages offline, answer No to the Connect to mailbox? query. You can read the previously retrieved e-mail headings or the retrieved e-mail messages or both. You can also write new, reply to, or forward e-mail to be sent the next time you connect to the mailbox.



Outbox - messages waiting to be sent

Outbox is a temporary storage place for messages waiting to be sent.

Status of the messages in Outbox: Sending, Waiting /Queued

 Resend at %U (time) - The phone will try to send the message again after a time-out period. Press Send to restart the sending immediately.

⇒i Tip! You can also leave your mailbox connection open and the new e-mails (Headers only as default) will be retrieved from the remote mailbox to your phone automatically (only if IMAP IDLE function is supported by your server). To leave the Messaging application open in the background, press 😘 twice. Leaving the connection open may increase your call costs due to the data traffic.

- Deferred You can set documents to be 'on hold' while they are in Outbox. Scroll to a
 message that is being sent and select Options

 Defer sending.
- Failed The maximum number of sending attempts has been reached. Sending has
 failed. If you were trying to send a text message, open the message and check that the
 Sending options are correct.

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

Viewing messages on a SIM card

Before you can view SIM messages, you need to copy them to a folder in your phone.

- 1 In the Messaging main view, select Options→ SIM messages.
- 2 Select Options→ Mark/Unmark→ Mark or Mark all to mark messages.
- 3 Select Options → Copy. A list of folders opens.
- 4 Select a folder and press OK to start copying. Open the folder to view the messages.

Messaging settings

Settings for text messages

Select Messaging→ Options→ Settings→ Text message.

- Message centres Lists all the text message service centres that have been defined.
- Msg. centre in use Select which message centre is used for delivering text messages.
 - Receive report (network service) To request the network to send delivery reports on your messages. When set to No, only the Sent status is shown in Log. See 'Log', p. 25.
- Message validity If the recipient of a message cannot be reached within the validity
 period, the message is removed from the text message service centre. The network must

Options when editing text message centre settings: Edit, New msg. centre, Delete, Help, and Exit.

- support this feature. Maximum time is the maximum amount of time allowed by the network.
- Message sent as Change this option only if you are sure that your service centre is able to convert text messages into these other formats. Contact your network operator.
- Preferred connection You can send text messages through the normal GSM network or through packet data, if supported by the network. See 'Connection settings', p. 99.
- Reply via same ctr. (network service) Choose Yes, if you want the reply message to be sent using the same text message service centre number.

Adding a new text message centre

- 1 Select Message centres → Options → New msg. centre.
- 2 Press (•), write a name for the service centre, and press OK.
- 3 Press and , and write the number of the text message service centre. You receive the number from your service provider.
- 4 Press OK.
- 5 To use the new settings, go back to the settings view. Scroll to Msg. centre in use, and select the new service centre.

Settings for multimedia messages

Select Messaging→ Options→ Settings→ Multimedia message.

- Image size Define the size of the image in a multimedia message. The options are
 Original (shown only when the MMS creation mode is set to Guided or Free), Small and
 Large. Selecting Original will increase the size of the multimedia message.
- MMS creation mode If you select Guided, the phone will inform you if you try to send
 a message that may not be supported by the recipient. By selecting Restricted the phone
 will prevent you from sending messages that are not supported.
- Access point in use (Must be defined) Select which access point is used as the
 preferred connection for the multimedia message centre.

- Recept. in home net.- Select whether you want the reception of the MMS messages in the home network to be Automatic, Defer retrieval or Off. If you have selected Defer retrieval the multimedia messaging centre will save the message. To retrieve the message later, set to Automatic.
- Reception if roaming Select how you want the MMS messages to be retrieved outside
 the home network.
 - When you are outside your home network, sending and receiving multimedia messages may cost you more. If Reception if roaming

 Automatic has been selected, your phone can automatically make an active packet data connection to retrieve the message. Select Off from Reception if roaming if you do not want to receive multimedia messages when you are outside your home network.
- Allow anon. messages Select No if you want to reject messages coming from an anonymous sender.
- Receive adverts Define whether you want to receive multimedia message advertisements or not.
- Receive report (network service) Set to Yes if you want the status of the sent message to be shown in the Log.
 - Note: Receiving a delivery report of a multimedia message that has been sent to an e-mail address might not be possible.
- Deny report sending Choose Yes if you do not want your phone to send delivery reports of received multimedia messages.
- Message validity If the recipient of a message cannot be reached within the validity
 period, the message is removed from the multimedia messaging centre. The network
 must support this feature. Maximum time is the maximum amount of time allowed by
 the network

Settings for e-mail

Select Messaging→ Options→ Settings→ E-mail, or in the Mailbox main view, select Options→ E-mail settings, and select:

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

Mailboxes - Opens a list of mailboxes that have been defined. If no mailboxes have been defined, you will be prompted to do so. Select a mailbox to change the settings:

Mailbox settings

- Mailbox name Enter a descriptive name for the mailbox.
- Access point in use (Must be defined) Choose an Internet access point (IAP) for the mailbox. See 'Connection settings', p. 99.
- My e-mail address (Must be defined) Enter the e-mail address given to you by your service provider. Replies to your messages are sent to this address.
- Outgoing mail server (Must be defined) Enter the IP address or host name of the mail server that sends your e-mail.
- Send message Define how e-mail is sent from your phone: Immediately - The device starts to establish a connection to the mailbox after you have selected Send message.
 - When conn. avail. E-mail is sent when the connection to the remote mailbox is available.
- User name Enter your user name, given to you by your service provider.
- Password: Enter your password. If you leave this field blank, you will be prompted for the password when you try to connect to your remote mailbox.
- Incoming mail server (Must be defined) Enter the IP address or host name of the mail server that receives your e-mail.
- 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 are using the POP3 protocol, e-mail messages are not updated automatically in online mode. To see the latest e-mail messages, you must disconnect and make a new connection to your mailbox.
- Security Used with the POP3, IMAP4, and SMTP protocols to secure the connection to the remote mailbox.

 APOP secure login (not shown if IMAP4 is selected for Mailbox type) - Used with the POP3 protocol to encrypt the sending of passwords to the remote e-mail server while connecting to the mailbox.

User settings

- E-mails to retrieve (not shown if the e-mail protocol is set to POP3) Define how many new e-mails will be retrieved to mailbox.
- Retrieve Define which parts of the e-mails will be retrieved: Headers only, Partially (kB), or Msgs. & attachs. (not shown if the e-mail protocol is set to IMAP4).
- Retrieve attachments (not shown if the e-mail protocol is set to POP3) Choose
 whether you want to retrieve e-mail with or without attachments.
- Subscribed folders (not shown if the e-mail protocol is set to POP3) You can subscribe
 other folders in remote mailbox as well and retrieve content from those folders.
- Send copy to self Select Yes 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 Yes if you want to attach a signature to your e-mail messages.
- My name Enter your own name here. Your name will replace your e-mail address in the recipient's phone in case the recipient's phone is supporting this function.

Automatic retrieval

Header retrieval - When this function is on, you can define when and how often the
messages will be retrieved from the mailbox.

Activating Header retrieval may increase your call costs due to the data traffic.

Settings for Web service messages

Select Messaging
Options Settings Service message. Choose whether or not you want to receive service messages. Download messages - Choose Automatically if you want to set the phone to automatically activate the browser and start a network connection to retrieve content when the phone receives a service message.

Settings for cell broadcast (network service)

Check the available topics and related topic numbers with your service provider, and select Messaging
Options Settings Cell broadcast to change the settings.

- Language All allows you to receive cell broadcast messages in all supported languages. Selected allows you to choose in which languages you wish to receive cell broadcast messages. If you cannot find the desired language, select Other.
- Topic detection If you have set Topic detection → On, the phone will automatically search for new topic numbers, and save the new numbers without a name to the topic list. Choose Off if you do not want to save new topic numbers automatically.

Other settings

Select Messaging and select Options→ Settings→ Other.

- Save sent messages Choose if you want to save a copy of every text message, multimedia message, or e-mail that you have sent to the Sent items folder.
- No. of saved msgs. Define how many sent messages will be saved to the Sent items folder at a time. The default limit is 20 messages. When the limit is reached, the oldest message is deleted.
- Memory in use (not shown if the memory card is not inserted) Choose to which memory you want to save your messages: Phone memory or Memory card.
- E-mail notification Choose whether you want to see the new e-mail indications, like tone or a note, when new mail is received to the mailbox.

is selected, activate the Offline profile before opening the memory card slot door or removing the memory card. When the memory card is not available, messages will be saved in the phone memory.

Calendar and To-do

> Shortcut: Press any key (1 and - 0 and the characters you keyed in are added to the Subject field.

☆ Tip! If you are editing or deleting a repeated entry, choose how you want the change to take effect: All occurrences - all repeated entries are deleted / This entry only - only the current entry will be deleted. For example, your weekly class has been cancelled. You have set the calendar to remind you every week. Select This entry only and the calendar will remind you again next week.

Calendar - creating calendar entries

- 1 Press 😘 and select Calendar.
- 2 Select Options → New entry:
 - Meeting to remind you of an appointment that has a specific date and time.
 - Memo to write a general entry for a day.
 - Anniversary to remind you of birthdays or special dates. Anniversary entries are repeated every year.
- 3 Fill in the fields. Use to move between fields.

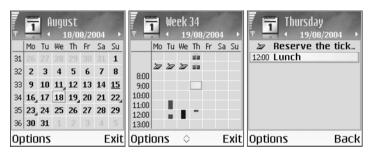
 Alarm Select On and press to fill in the Alarm time and Alarm date fields. Alarm is shown with in the Day view. Stopping a calendar alarm Press Silence to turn off the calendar alarm tone. The reminder text will stay on the screen. Press Stop to end the calendar alarm. Press Snooze to set the alarm to snooze.

 Repeat Press to change the entry to be repeating (is shown in the Day view). Repeat until You can set an end date for the repeated entry.

 Synchronisation Private- after synchronisation the calendar entry can be seen only by you and it will not be shown to others with online access to view the calendar. Publicthe calendar entry is shown to others who have access to view your calendar online.

 None- the calendar entry will not be copied to your PC when you synchronise.
- 4 To save the entry, press Done.
 - ☆ Tip! You can send calendar entries to a compatible phone. See the 'Messaging' chapter, and 'Sending data using Bluetooth', p. 89.

Calendar views



⇒ Tip! Select Options → Settings to change the view that is shown when you open the calendar or the starting day of the week

In the Month view, dates that have calendar entries are marked with a small triangle at the right bottom corner. In the Week view, memos and anniversaries are placed before 8 o'clock.

- Icons in Day and Week views: - Memo, and - Anniversary. There is no icon for Meeting.
- To go to a certain date, select Options → Go to date. Write the date, and press OK.
- Press
 # to jump to today.

Setting a calendar alarm

You can set an alarm to remind you of a meeting. This option is not available for notes and anniversaries.

- 1 Open a note in which you want to set an alarm, and select $Alarm \rightarrow On$.
- 2 Set the Alarm time and Alarm date.
- 3 Scroll down to Repeat, and press to select how often you want the alarm to be repeated.
- 4 Press Done.

⇒ Tip! To send a calendar note, select Options → Send → Via text message/ Via multimedia/ Via Bluetooth

☆ Tip! You can move calendar and to-do data from many different Nokia phones to your phone or synchronise your calendar and to-do to a compatible PC using Nokia PC Suite. See the CD-ROM supplied in the sales package.

To delete a calendar alarm, open the note in which you want to delete an alarm, and select Alarm→ Off

Calendar settings

To modify the Calendar alarm tone, Default view, Week starts on, and Week view title, select Options→ Settings.



To-do - task list

Press **G** and select Organiser \rightarrow To-do to write notes and maintain a task list.

- To add a note, press any key to start to write the task in the Subject field.
- To set the due date for the task, scroll to the Due date field, and enter a date.
- To set the priority for the to-do note, scroll to the Priority field, and press to select the priority. The priority icons are (High) and (Low). There is no icon for Normal.
- To mark a task as completed, scroll to it in the To-do list, and select Options
 → Mark as
 done.
- To restore a task, scroll to it in the To-do list, and select Options→ Mark as not done.



Various service providers maintain pages specifically designed for mobile devices. To access these pages, press **§** and select **Web**. These pages use the Wireless Markup Language (WML), Extensible Hypertext Markup Language (XHTML), or Hypertext Markup Language (HTML).

Check the availability of services, pricing, and tariffs with your network operator or service provider. Service providers will also give you instructions on how to use their services.

Accessing the Web

- Save the settings that are needed to access the Web page that you want to use. See the sections 'Receiving browser settings' or 'Keying in the settings manually'.
- Make a connection to Web. See 'Making a connection', p. 69.
- Start browsing the pages. See 'Browsing', p. 70.
- End the connection to Web. See 'Ending a connection', p. 72.

Receiving browser settings

You may receive Web service settings in a special text message from the network operator or service provider that offers the Web page. See 'Receiving logos, tones, business cards, calendar entries, and settings', p. 54. For more information, contact your network operator or service provider.

→ Tip! Settings may be available, for example, on the Web site of a network operator or service provider.

Keying in the settings manually

Follow the instructions given to you by your service provider.

Options in the
Bookmarks view: Open,
Download, Back to page,
Bookmark manager,
Mark/Unmark,
Navigation options,
Advanced options, Send,
Find bookmark, Details,
Settings, Help and Exit.

Shortcut: To start a connection, press and

hold **0** in standby

mode.

- 1 Select Tools → Settings → Connection → Access points, and define the settings for an access point. See 'Connection settings', p. 99.
- 2 Select Web→ Options→ Bookmark manager→ Add bookmark. Write a name for the bookmark and the address of the page defined for the current access point.

Bookmarks view

- Glossary: A bookmark consists of an Internet address (mandatory), bookmark title, access point, and if the Web page requires, a user name and password.
- Note: Your device may have some bookmarks loaded for sites not affiliated with Nokia. Nokia does not warrant or endorse these sites. If you choose to access them, you should take the same precautions, for security or content, as you would with any Internet site.
- The starting page defined for the default access point. If you use another default access point for browsing, the starting page is changed accordingly.
- The automatic bookmarks folder contains bookmarks () that are collected automatically when you browse pages. The bookmarks in this folder are automatically organised according to domain.
- Any bookmark showing the title or Internet address of the bookmark.

Adding bookmarks manually

- 1 In the Bookmarks view, select Options→ Bookmark manager→ Add bookmark.
- 2 Start to fill in the fields. Only the URL address must be defined. The default access point is assigned to the bookmark if no other one is selected. Press * + to enter special characters such as /, ., :, and @. Press C to clear characters.
- 3 Select Options → Save to save the bookmark.

Sending bookmarks

Scroll to a bookmark, and select Options \rightarrow Advanced options \rightarrow Send \rightarrow Via text message. Press \downarrow to send. It is possible to send more than one bookmark at the same time.

Making a connection

Once you have stored all the required connection settings, you can access the pages.

- 1 Select a bookmark or write the address in the Go to field (). When you write the address, matching bookmarks are shown at the top of the Go to field. Press to select a matching bookmark.
- 2 Press () to start to download the page.

Connection security

If the security indicator \mathbf{a} is displayed during a connection, the data transmission between the device and the internet gateway or server is encrypted.

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

Select Options

Details

Security to view details about the connection, encryptions status, and information about server and user authentication.

Security features may be required for some services, such as banking services. For such connections you need security certificates. For more information, contact your service provider. See also 'Certif. management', p. 104.

Tip! To send a bookmark, scroll to it, and select Options→ Send→ Via text message.

Options when browsing (depend on the page you are viewing): Open, Accept, Remove file, Open in viewer, Open Wallet, Service options, Bookmarks, Save as bookmark, View images, Navigation options, Advanced options, Show images, Send bookmark, Find, Details, Settings, Help, and Exit.

Browsing

On a browser page, new links appear underlined in blue and previously visited links in purple. Images that act as links have a blue border around them.

- To open a link, to check boxes, and make selections, press .
- To go to the previous page while browsing, press Back. If Back is not available, select
 Options Navigation options History to view a chronological list of the pages you
 have visited during a browsing session. The history list is cleared each time a session is
 closed
- To retrieve the latest content from the server, select Options→ Navigation options→
 Reload.
- To save a bookmark, select Options → Save as bookmark.
- To save a page while browsing, select Options → Advanced options → Save page. You can save pages either to the phone memory or on a memory card, and browse them when offline. To access the pages later, press in the Bookmarks view to open the Saved pages view.
- To enter a new URL address, select Options → Navigation options → Go to web address.
- To open a sublist of commands or actions for the currently open page, select Options→ Service options.
- You can download items such as ringing tones, images, operator logos, themes, and video clips. Downloaded items are handled by the respective applications in your phone, for example, a downloaded image is saved in Gallery.
 Copyright protections may prevent some images, ringing tones, and other content from being copied, modified, transferred, or forwarded.
 - Important: Only install software from sources that offer adequate protection against harmful software.
- To download and view new Web service messages while browsing, select Options→
 Advanced options→ Read service msgs. (shown only if there are new messages). See
 also 'Receiving Web service messages', p. 54.

With Tip! To access the Bookmarks view while browsing, press and hold down ●. To return to the browser view again, select Options→ Back to page.

** Shortcut: Use # to jump to the end of a page and * to the beginning of a page.

Viewing saved pages

If you regularly browse pages containing information which does not change very often, you can save and browse them when offline. In the saved pages view you can also create folders to store your saved browser pages.

- To open the Saved pages view, press in the Bookmarks view. In the Saved pages view, press to open a saved page (6).
- To save a page, while browsing select Options → Advanced options → Save page.
- To start a connection to the browser service and to download the latest version of the page, select Options→ Reload. The phone stays online after you reload the page.

Downloading and purchasing items

You can download items such as ringing tones, images, operator logos, themes, and video clips. These items can be provided free, or you can purchase them. Downloaded items are handled by the respective applications in your phone, for example, a downloaded photo can be saved in Gallery.



Important: Only install applications from sources that offer adequate protection

▶against harmful software.

- 1 To download the item, scroll to the link, and press .
 - If the item is provided free, press Accept. Once downloaded, the content is automatically opened in a suitable application.
 To cancel the download, press Cancel.
- 2 Choose the appropriate option to purchase the item, for example, 'Buy'.
- 3 Carefully read all the information provided. If the online content is compatible, you can use your wallet information to make the purchase.

Options in the Saved pages view: Open, Back to page, Reload, Saved pages, Mark/ Unmark, Navigation options, Advanced options, Details, Settings, Help, and Exit.

Tip! Your browser collects bookmarks automatically while you are browsing Web pages. The bookmarks are stored to the Automatic bookmarks folder () and automatically organised according to domain. See also 'Settings for Web', p. 72.

- 4 Select Open Wallet. You will be prompted for your wallet code. See 'Creating a wallet code', p. 77.
- 5 Select the appropriate card category from your wallet.
- 6 Select Fill in. This will upload the selected wallet information. If the wallet does not contain all information necessary for the purchase, you will be requested to enter the remaining details manually.
- Note: Copyright protections may prevent some images, ringtones and other content from being copied, modified, transferred, or forwarded.

Ending a connection

Select Options

Advanced options

Disconnect, or press and hold

to quit browsing and to return to the standby mode.

Emptying the cache

The information or services you have accessed are stored in the cache memory of the phone.

Note: A cache is a memory location that is used to store data temporarily. If you have tried to access or have accessed confidential information requiring passwords, empty the cache after each use. The information or services you have accessed is stored in the cache memory of the phone. To empty the cache, select Options→
Navigation options→ Clear cache.

Settings for Web

Select Options → Settings:

- Show images To select if you want to load images while browsing or not. If you choose No, you can later load images during browsing by selecting Options→ Show images.
- Font size To choose the text size.
- Default encoding If text characters are not shown correctly, you may choose another
 encoding according to language.
- Automatic bookmarks To disable automatic bookmark collecting, select Off. If you
 want to continue collecting automatic bookmarks but hide the folder from the
 Bookmarks view, select Hide folder.
- Screen size To select what is shown when you are browsing. Select Select. keys only, or Full screen.
- Volume If you want the browser to play sounds embedded on Web pages, select a
 volume level
- Rendering If you want the page layout shown as accurately as possible when in Small screen mode, select By quality. If you do not want external cascading style sheets to be downloaded, select By speed.
- Cookies To enable or disable the receiving and sending of cookies.
- Java/ECMA script To enable or disable the use of scripts.
- Security warnings To hide or show security notifications.
- Conf. DTMF sending Choose whether you want to confirm before the phone sends DTMF tones during a voice call. See also 'DTMF tones', p. 25.
- Wallet On to open the wallet automatically when a compatible browser page is opened. See 'Wallet', p. 76.

ĕ Glossary: Cookies are a means of content providers to identify users and their preferences for frequently used content.

Organiser



Calculator

To add, substract, multiply, divide, calculate square roots and percentages, press § and select Organiser — Calculator.

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

To save a number in the memory (indicated by M), select Options→ Memory→ Save. To retrieve a number in memory, select Options→ Memory→ Recall. To clear a number in memory, select Options→ Memory→Clear.

Calculating percentages

- 1 Enter a number for which you want to calculate a percentage.
- 2 Select x , ÷ , − , or + .
- 3 Enter the percentage.
- 4 Select .



Notes

Press \$\ and select \text{Organiser} → \text{Notes} to write notes. You can send notes to other compatible devices and plain text files (TXT format) that you receive can be saved to Notes.



Go to - adding shortcuts

To store shortcuts, links to your favourite images, notes, bookmarks, and so on, press and select Organiser

Go to. Shortcuts can be added only from the individual applications, like Gallery. Not all applications have this function.

- 1 Select an item from an application to which you want to add a shortcut.
- 2 Select Add to 'Go to'. A shortcut in Go to is automatically updated if you move the item to which it is pointing, for example, from one folder to another.
- To change the identifier in the lower left corner of the shortcut icon, select Options→
 Shortcut icon

Deleting a shortcut

Select the shortcut and press **C**. The default shortcuts **Notes**, **Calendar**, and **Inbox** cannot be deleted.

When you remove an application or a document which has a shortcut in the Go to, the shortcut icon of the removed item will be dimmed in the Go to view. The shortcut can be deleted next time you try to open the shortcut.

♣ Converter - converting measures

To convert measures such as Length from one unit (Yards) to another (Metres), press \S and select Organiser \to Converter.

Note that the Converter has limited accuracy, and rounding errors may occur.

- 1 Scroll to the Type field, and press
 to open a list of measures. Scroll to the measure you want to use, and press OK.
- 2 Scroll to the first Unit field, and press Select the unit from which you want to convert, and press OK. Scroll to the next Unit field, and select the unit to which you want to convert.
- 3 Scroll to the first Amount field, and enter the value you want to convert. The other Amount field changes automatically to show the converted value.

Default shortcuts:
opens Calendar,
opens Inbox and
opens Notes.

⇒ Options in Converter: Select unit/ Change currency, Conversion type, Currency rates, Help, and Exit. ☆ Tip! To change the

conversion order, enter the value in the second

Amount field. The result

is shown in the first

★ Tip! To rename a

currency, go to the Currency rates view, scroll

to the currency, and

select Options→

Rename currency.

Amount field.

Press **4** to add a decimal and **4** + for the +, - (for temperature), and **E** (exponent) symbols.

Setting a base currency and exchange rates

Before you can make currency conversions, you need to choose a base currency and add exchange rates. The rate of the base currency is always 1. The base currency determines the conversion rates of the other currencies.

- 1 Select Currency → Options → Currency rates. A list of currencies opens, and you can see the current base currency at the top.
- 2 To change the base currency, scroll to the currency, and select Options→ Set as base curr..
- Note: When you change base currency, you must key in the new rates because all previously set exchange rates are set to zero.
- 3 Add exchange rates. Scroll to the currency, and key in a new rate, that is, how many units of the currency equal one unit of the base currency you have selected.

After you have inserted all the necessary exchange rates, you can make currency conversions.



Wallet

Press \S and select Organiser \rightarrow Wallet. Wallet provides you with a storage area for your personal information, such as credit and debit card numbers, addresses and other useful data, for example, user names and passwords.

The information stored in the wallet can be retrieved while browsing to automatically fill in online forms on browser pages, for example, when the service asks for credit card details. Data in the wallet is encrypted and protected with a wallet code that you define.

76

Wallet will automatically close after 5 minutes. Enter the wallet code to regain access to the contents. You can change this automatic time-out period if required. See 'Wallet settings', p. 79.

Creating a wallet code

Each time you open the wallet you will be prompted for a wallet code. Enter the code that you have created, and press OK .

When you open the wallet for the first time, you must create your own wallet code:

- 1 Enter a code of your choice (4-10 alphanumeric characters), and press OK.
- 2 You will be prompted to verify the code. Enter the same code, and press OK. Do not give your wallet code to anyone else.

If you enter the wallet code incorrectly on three consecutive occasions, the wallet application is blocked for five minutes. The block time increases if further incorrect wallet codes are entered.

If you forget your wallet code, you will have to reset the code, and you will lose all information stored in the wallet. 'Resetting the wallet and wallet code', p. 79.

Storing personal card details

- 1 Select the Cards category from the main wallet menu, and press •.
- 2 Select a type of card from the list, and press \odot .
 - Payment cards Credit and debit cards.
 - Loyalty cards Membership and store cards.
 - Online acc. cards Personal user names and passwords to online services.
 - Address cards Basic contact details for home/office.
 - User info cards Customised personal preferences for online services.
- 3 Select Options→ New card. An empty form opens.
- 4 Fill in the fields, and press Done.

Options in the wallet main view: Open, Settings, Help, and Exit.

You can also receive card information directly to the phone from a card issuer or service provider (if they offer this service). You will be notified which category the card belongs to. Save or discard the card. You can view and rename a saved card, but you cannot edit it.

You can open, edit, or delete the fields in the card. Any changes will be saved upon exiting.

Creating personal notes

Personal notes are a means of storing sensitive information, for example, a bank account number. You can access the data in a personal note from the browser. You can also send the note as a message.

- 1 Select the Personal notes category from the main wallet menu, and press •.
- 2 Select Options → New card. An empty note opens.
- 3 Press 1 00 0 to start writing. Press C to clear characters.
- 4 Press Done to save.

Creating a wallet profile

Once you have stored your personal details, you can combine them together into a wallet profile. You can use a wallet profile to retrieve wallet data from different cards and categories to the browser. For example, when you are filling in a form.

- 1 Select the Wallet profiles category from the main wallet menu, and press •.
- 2 Select Options → New card. A new wallet profile form opens.
- 3 Fill in the fields or select an option from the listed items.

- Profile name Choose and enter a name for the profile.
- · Payment card, Loyalty card, Online access card, Shipping address,
- Billing address By default this is the same as the Shipping address. If you require a
 different address, select one from the Address card category.
- User info card.
- Receive e-receipt Select a destination from the Address card category.
- Deliver e-receipt and
- RFID sending Set to On or Off. Defines whether or not your unique phone identification is sent with the wallet profile.
- 4 Press Done.

Viewing ticket details

You can receive notifications of tickets purchased online through the browser. Received notifications are stored in the wallet. To view the notifications:

- 1 Select the Tickets category from the main wallet menu, and press .
- 2 Select Options

 View. None of the fields within the notification can be modified.

Wallet settings

From the main wallet menu, select Options→ Settings:

- Wallet code Change your wallet code. You will be prompted to enter the current code, create a new code, and verify the new code.
- RFID Set the phone ID code, type, and sending options.
- Automatic close Change the automatic time-out period (1-60 minutes). After the time-out period has elapsed, the wallet code must be re-entered to gain access to the contents.

Resetting the wallet and wallet code

This operation erases all contents of the wallet.

Example: By uploading your payment card details you do not need to enter the card number and expiry date each time you need them (depending on the content being browsed). Also, you can retrieve your user name and password stored as an access card when connecting to a mobile service that requires authentication.

To reset both the contents of the wallet and the wallet code:

- 1 Enter *#7370925538# in the standby mode.
- 2 Enter the phone lock code, and press OK. See 'Security', p. 102.

When opening the wallet again, you must enter a new wallet code. 'Creating a wallet code', p. 77.

IM - Instant Messaging (chat)

Press ♀ and select Tools→ IM.

Instant messaging is a network service which allows you to converse with other people using instant messages and join discussion forums (IM groups) with specific topics. Various service providers maintain IM servers that you can log in to once you have registered to an IM service.



Note: Check the availability of chat services, pricing, and tariffs with your network poperator and/or service provider. Service providers will also give you instructions on how to use their services.

Options in the IM main view: Open, Login/Logout, Settings, Help, Exit.

Receiving IM settings

You must save the settings to access the service that you want to use. You may receive the settings in a special text message, a so-called smart message, from the network operator or service provider that offers the IM service. See 'Receiving logos, tones, business cards, calendar entries, and settings', p. 54. You can also enter the settings manually. See 'Chat server settings', p. 87.

Connecting to an IM server

1 Open IM to have your phone connect to the IM server in use. To change the IM server in use and save new IM servers, see 'Chat server settings', 87. Once the connection has been established:

⇒ Tip: To log in automatically when you start IM, without having to enter your user ID and password each time, select Options→
Settings→ Server settings→ IM login type→ Automatic.

- 2 Enter your user ID and password, and press (•) to log in. You obtain the user ID and password for IM server from your service provider. You can select Cancel to stay offline; to log in to the IM server later, select Options→ Login. You cannot send or receive messages while you are offline.
- 3 To log out, select Options → Logout.

Modifying your IM settings

Select Options→ Settings→ IM settings:

- Use screen name (shown only if IM groups supported by the server) To enter a nickname (up to 10 characters), select Yes.
- IM presence To allow others to see if you are online, select Active for all.
- Allow messages from To allow messages from all, select All.
- Allow invitations from To allow invitations only from your IM contacts, select IM contacts only. IM invitations are sent by IM contacts who want you to join their groups.
- Message speed To select the speed at which new messages are displayed.
- Sort IM contacts To sort your IM contacts Alphabetically or By online status.
- Availability reloading To choose how to update information about whether your IM contacts are online or offline, select Automatic or Manual.

Searching for IM groups and users

- To search for groups, in the IM groups view, select Options → Search → Groups. You can search by Group name, Topic, and Members (user ID).
- To search for users, in the IM contacts view, select Options → Search → Users. You can search by User's name, User ID, Phone number, and E-mail address.

Joining and leaving an IM group

- To join a IM group that you have saved, scroll to the group, and press
- To leave the IM group, select Options → Leave IM group.

Chatting

Once you have joined an IM group, you can view the messages that are exchanged there, and send your own messages.

- To send a message, write the message in the message editor field, and press ().
- To send a private message to participant, select Options → Send private msg., select
 the recipient, write the message, and press .
 To reply to a private message sent to you, select the message and select Options →
- Reply.
 To invite IM contacts who are online to join the IM group, select Options→ Send invitation, select the contacts you want to invite, write the invitation message, and press (●).
- To prevent receiving messages from certain participants, select Options → Blocking options and select:
 - Add to blocked list to block messages from the currently selected participant.
 - Add ID to list manually to enter the user ID of the participant. Enter the ID and press ().
 - View blocked list to see the participants whose messages are being blocked.
 - Unblock to select the user that you want to remove from the blocked list. Press
 .

Options while chatting: Send, Send private msg., Reply, Forward, Insert smiley, Send invitation, Leave IM group, Add to banned list, IM group, Record convers./ Stop recording, Help, and Exit.

Options in the Recorded chats view: Open, Delete, Send, Mark/ Unmark, Login/ Logout, Settings, Help, Exit.

Options when viewing a conversation:
Send, Add to IM contacts, Insert smiley, Forward, Record convers./ Stop recording, Blocking options, End conversation, Help, Exit

Signal Construction Service Helps to the service provider to those who register to this service.

Recording chats

- To view the recorded chats, in the main view, select Recorded chats, select the conversation and press

Viewing and starting conversations

Go to the Conversations view to see a list of the individual conversation participants that you have an ongoing conversation with.

To view a conversation, scroll to a participant, and press .

- To continue the conversation, write your message and press .
- To return to the conversations list without closing the conversation, press Back.
- To close the conversation, select Options → End conversation. Ongoing conversations are automatically closed when you exit Chat.

To start a new conversation, select Options → New conversation:

- Select recipient To see a list of your chat contacts that are currently online. Scroll to the contact that you want to start a conversation with, and press (•).
- Enter user ID To enter the user ID of the user you want to start a conversation with, and press .

To save a conversation participant to your IM contacts, scroll to the participant and select Options→ Add to IM contacts.

To send automatic replies to incoming messages, select Options→ Set auto reply on. Enter the text and press Done. You can still receive messages.

IM contacts

Go to the IM contacts to retrieve chat contact lists from the server, or to add a new chat contact to a contact list. When you log in to the server, the previously used chat contact list will be retrieved from the server automatically.

- To create a new contact, select Options
 → New IM contact
 → Enter manually. Fill in the Nickname and User ID fields, and press Done.
 - To move a contact from a list on the server to the retrieved list, select Options→
 New IM contact→ Move from other list.
- To change the chat contact list, select Options → Change contact list.
- Select Options:
 - Open conversation To start a new conversation or continue an ongoing conversation with the contact.
 - Switch tracking on To have the phone notify you every time the chat contact goes
 online or offline
 - Belongs to groups To see which groups the chat contact has joined.
 - Reload user availab. To update information about whether the contact is online or
 offline. The online status is shown by an indicator next to the contact name. This
 option is not available if you have set the Availability reloading to Automatic in IM
 settings.

contacts view: Open conversation, Open, Change contact list, Reload user availab., Belongs to groups, New IM contact, Move to other list, Edit, Delete, Switch tracking on, Blocking options, Login / Logout, Settings, Help, and Fxit

Options in the IM

Managing IM groups

Go to the IM groups view to see a list of the IM groups that you have either saved or are currently joined to.

Scroll to a group, and select Options→ IM group:

- Save group To save an unsaved group that you are currently joined to.
- View members To see who are currently joined to the group.

Options in the IM groups view: Open, Join group, Create new group, Leave IM group, IM group, Search, Login/Logout, Settings, Help, and Exit.

- IM details To see the group ID, topic, participants, administrators of the group (shown
 only if you have the editing rights), the list of banned participants (shown only if you
 have the editing rights), and whether whispering is allowed in the group.
- IM group settings To view and edit the chat group settings. See 'Creating a new IM group', p. 86.

Administrating an IM group

Creating a new IM group

Select IM groups→ Options→ Create new group. Enter the settings for the group.

You can edit the settings for an IM group if you have administrator rights to the group. The user who creates a group is automatically given administrator rights to it.

- · Group name -, Group topic -,
- Welcome note To add a note that the participants see when they join the group,
- · Group size To define the maximum number of members allowed to join the group,
- Allow search ...
- Editing rights To define the chat group participants to whom you want to give
 administration rights permission to invite contacts to join the IM group and edit the
 group settings.
- Group members See 'Adding and removing group members', p. 87.
- Banned list Enter the participants that are not allowed to join the IM group.
- Allow private msgs. To allow messaging between selected participants only.
- Group ID The group ID is created automatically and cannot be changed.

Adding and removing group members

- To add members to a group, select IM groups, scroll to an IM group, and select
 Options→ IM group→ IM group settings→ Group members→ Selected only or All
 IM contacts.
- To remove a member from the IM group, scroll to the member, and select Options→
 Remove. To remove all members, select Options→ Remove all.

Chat server settings

Select Options
Settings
Server settings. You may receive the settings in a special text message from the network operator or service provider that offers the chat service. You obtain the user ID and password from your service provider, when you register to the service. If you do not know your user ID or password, contact your service provider.

- To change the IM server to which you wish to connect, select Default server.
- To add a new server to your list of IM servers, select Servers→ Options→ New server.
 Enter the following settings:
 - Server name Enter the name for the chat server.
 - Access point in use Select the access point you want to use for the server.
 - · Web address Enter the URL address of the IM server.
 - User ID Enter your user ID.
 - Password Enter your login password.

Connectivity



Bluetooth connection

Bluetooth enables wireless connections to send images, video clips, music and sound clips and notes, or to connect wirelessly to Bluetooth enabled, compatible devices such as computers. Since Bluetooth devices communicate using radio waves, your phone and the other Bluetooth device do not need to be in direct line-of-sight. The two devices only need to be within a maximum of 10 metres of each other, although the connection can be subject to interference from obstructions such as walls or from other electronic devices.

This device is compliant with Bluetooth Specification 1.2 supporting the following profiles: Generic Access Profile, Service Discovery Profile, Serial Port Profile, Dial-up Networking Profile, Headset Profile, Handsfree Profile, Generic Object Exchange Profile, Object Push Profile, File Transfer Profile, Basic Imaging Profile, Basic Printing Profile, and Human Interface Device Profile. To ensure interoperability between other devices supporting Bluetooth technology, use Nokia approved enhancements for this model. Check with the manufacturers of other devices to determine their compatibility with this device.

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

Features that use Bluetooth technology, or allow such features to run in the background while using other features, increase the demand on battery power and reduces the battery life.

Press \S and select Connect. \to Bluetooth. You are asked to give a Bluetooth name to your phone.

Bluetooth settings

- Bluetooth On/Off
- My phone's visibility Shown to all: your phone can be found by other Bluetooth devices, or Hidden: your phone cannot be found by other devices.
- My phone's name Define a Bluetooth name for your phone. After you have set
 Bluetooth to be active and changed My phone's visibility to Shown to all, your phone
 and this name can be seen by other Bluetooth device users.

Sending data using Bluetooth

There can be only one active Bluetooth connection at a time.

- 1 Open an application where the item you wish to send is stored. For example, to send an image to another compatible device, open the Gallery application.
- 2 Select the item, for example an image, and select Options→ Send→ Via Bluetooth. The phone starts to search for devices within range. Bluetooth enabled devices that are within range start to appear on the display one by one. You can see a device icon, the Bluetooth name of the device, the device type, or a short name.
 - >∳<

Tip! If you have searched for Bluetooth devices earlier, a list of the devices that were found previously is shown first. To start a new search, select **More devices**. If you switch off the phone, the list is cleared.

- To interrupt the search, press Stop. The device list freezes and you can start to form a connection to one of the devices already found.
- 3 Scroll to the device with which you want to connect, and press Select.
- 4 Pairing (if required by the other device)

Glossary: Pairing means authentication. The users of the Bluetooth enabled devices should agree what the passcode is and use the same passcode for both devices in order to pair them. Devices that do not have a user interface have a factory-set passcode.

 If the other device requires pairing before data can be transmitted, a tone sounds and you are asked to enter a passcode.

Icons for different Bluetooth devices:

- Computer



4 - Audio/video



- Other

⇒ Tip! When searching for devices, some Bluetooth devices may show only the unique Bluetooth addresses (device addresses). To find the unique Bluetooth address of your phone, enter the code *#2820# in the standby mode.

¥ Tip! To send text using Bluetooth (instead of text messages), go to Notes, write the text, and select Options→ Send→ via Bluetooth.

short name (nickname or alias), scroll to the device and select Options→
Assign short name in the Paired devices view. This name helps you to recognise a certain device during device search or when a device requests a connection.

- Create your own passcode (1-16 characters long, numeric) and agree with the owner
 of the other Bluetooth device to use the same code. The passcode is used only once.
- After pairing, the device is saved to the Paired devices view.

When the connection has been established, the note Sending data is shown.

The Drafts folder in Messaging does not store messages sent using Bluetooth.

Checking the status of the Bluetooth connection

- When * is shown in the standby mode, Bluetooth is active.
- When [*] is blinking, your phone is trying to connect to the other device.
- When [*] is shown continuously, the Bluetooth connection is active.

Pairing devices

Paired devices are easier to recognise, they are indicated by \S in the device search. In the Bluetooth main view, press (a) to open the Paired devices view (\S).

- To pair with a device, select Options
 — New paired device. The phone starts a device search. Scroll to the device, and press Select. Exchange passcodes, see step 4 (Pairing), p. 89.
- To cancel a pairing, scroll to the device, and select Options → Delete. If you want to cancel all pairings, select Options → Delete all.
 - ☆ Tip! If you are currently connected to a device and delete the pairing with that device, pairing is removed immediately, but the connection remains active.
- To set a device to be authorised or unauthorised, scroll to a device, and select Options: Set as authorised Connections between your phone and this device can be made without your knowledge. No separate acceptance or authorisation is needed. Use this status for your own devices, such as your compatible Bluetooth headset or PC, or devices that belong to someone you trust. The icon is added next to authorised devices in the Paired devices view.

Set as unauthorised - Connection requests from this device need to be accepted separately every time.

Receiving data using Bluetooth

When you receive data using Bluetooth, a tone sounds, and you are asked if you want to accept the Bluetooth message. If you accept, is shown, and the item is placed in the Inbox folder in Messaging. Bluetooth messages are indicated by **. See 'Inbox - receiving messages', p. 53.

Switching off Bluetooth

To switch off Bluetooth, select Bluetooth → Off.

PC connections - using Bluetooth or USB

You can use your phone with a variety of PC connectivity and data communications applications. With Nokia PC Suite you can, for example, synchronise contacts, calendar and To-do notes between your phone and a compatible PC. For further information on how to install Nokia PC Suite (compatible with Windows 2000 and Windows XP), see the **User's Guide for Nokia PC Suite** and the **Nokia PC Suite help** in the 'Install' section on the CD-ROM.

Using the CD-ROM

The CD-ROM should launch after you have inserted it into the CD-ROM drive of a compatible PC. If not, proceed as follows: Open Windows Explorer, right-click the CD-ROM drive where you inserted the CD- ROM, and select AutoPlay.

Using your phone as a modem

You can use your phone as a modem to send and receive e-mails, or to connect to the Internet with a compatible PC by using a Bluetooth connection, or a data cable. Detailed installation instructions can be found in the User's Guide for Nokia PC Suite in Modem options on the CD-ROM.



Connection manager

You may have multiple data connections active at the same time when you are using your phone in GSM and UMTS networks. Press \mathfrak{S} and select Connectivity \rightarrow Conn. mgr. to view the status of multiple data connections, view details on the amount of data sent and received, and end connections. When you open Connection manager, you can see a list of:

- open data connections: data calls (■), and packet data connections (
- · the status of each connection
- the amount of data uploaded and downloaded for each connection (shown for packet data connections only)
- the duration of each connection (shown for data calls only).
- 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 end a connection, scroll to a connection, and select Options→ Disconnect.
- To close all currently open connections, select Options→ Disconnect all.

Viewing data connection details

To view the details of a connection, scroll to a connection, and select Options→ Details.

 Name - The name of the Internet access point (IAP) in use, or 'Modem connection' if the connection is a dial-up connection.

Options in the Connection manager main view when there are one or more connections: Details, Disconnect, Disconnect all, Help and Exit.

- Bearer The type of data connection: Data call, High sp. GSM, or Packet data.
- Status The current status of the connection: Connecting, Conn. (inact.), Conn. (active), On hold, Disconnetting., or Disconnected.
- Received The amount of data, in bytes, received to the phone.
- Sent The amount of data, in bytes, sent from the phone.
- Duration The length of time that the connection has been open.
- Speed The current speed of both sending and receiving data in %U kB/s (kilobytes per second).
- Name Access point name used or Dial-up the dial-up number used.
- Shared (not shown if the connection is not shared) The number of applications using the same connection.



Sync - remote synchronisation

Press and select Sync. The Sync application enables you to synchronise your calendar, and contacts with various calendar and address book applications on a compatible computer or on the Internet.

The synchronisation application uses SyncML technology for synchronisation. For information on SyncML compatibility, please contact the supplier of the calendar or address book application you want to synchronise your phone data with.

You may receive Sync settings in a special text message. See 'Receiving logos, tones, business cards, calendar entries, and settings', p. 54.

Options in the Remote sync main view: Synchronise, New sync profile, Edit sync profile, Delete, View log, Set as default, Help, and Exit.

Creating a new synchronisation profile

- 1 If no profiles have been defined, the phone asks if you want to create a new profile. Select Yes.
 - To create a new profile in addition to existing ones, select Options→ New sync profile. Choose whether you want to use the default setting values or copy the values from an existing profile to be used as the basis for the new profile.
- 2 Define the following:

Sync profile name - Write a descriptive name for the profile.

Data bearer - Select the connection type: Web, Bluetooth, or Data cable.

Access point - Select an access point you want to use for the data connection.

Host address - Contact your service provider or system administrator for the correct values.

Port - Contact your service provider or system administrator for the correct values.
User name - Your user ID for the synchronisation server. Contact your service provider or system administrator for your correct ID.

Password - Write your password. Contact your service provider or system administrator for the correct value.

Allow configuration - Select Yes if you want to allow the server to start a synchronisation.

Auto-accept all reqs. - Select No if you want the phone to ask you before a synchronisation initialised by the server is started.

Network authentic. (shown only if Data bearer is set to Web) - Select Yes to enter a network user name and password. Press (a) to view the user name and password fields.

Press (to select: Calendar, Contacts, or Notes.

- Select Yes if you want to synchronise the selected database.
- Remote database Select the synchronisation type Normal (two-way synchronisation), To server only, or To phone only.

- Enter a correct path to the remote calendar, address book, or notes database on the server
- 3 Press Back to save the settings and return to the main view.

Synchronising data

In the Sync main view, you can see the different synchronisation profiles, and the kind of data to be synchronised.

- 1 Select a synchronisation profile and Options→ Synchronise. The status of the synchronisation is shown at the bottom of the screen.
 To cancel synchronisation before it is finished, press Cancel.
- 2 You are notified when the synchronisation is complete. After synchronisation is complete, select Options View log to open a log file showing the synchronisation status (Complete or Incomplete) and how many calendar or contact entries have been added, updated, deleted, or discarded (not synchronised) in the phone or on the server.

Tools



Settings

To change settings, press ♀ and select Tools→ Settings. Scroll to a setting group, and press ♠ to open it. Scroll to a setting you want to change, and press ♠.



Phone settings

General

Phone language - Changing the language of the display texts in your phone will also affect the format used for date and time and the separators used, for example, in calculations. Automatic selects the language according to the information on your SIM card. After you have changed the display text language, the phone restarts.

Changing the settings for Phone language or Writing language affects every application in your phone and the change remains effective until you change these settings again.

Writing language - Changing the language affects the characters and special characters available when writing text and the predictive text dictionary used.

Dictionary - You can set the predictive text input **On** or **Off** for all editors in the phone. The predictive text dictionary is not available for all languages.

Welcome note or logo - The welcome note or logo is displayed briefly each time you switch on the phone. Select **Default** to use the default image, **Text** to write a welcome note (up to 50 letters), or **Image** to select a photo or picture from **Gallery**.

Orig. phone settings - You can reset some of the settings to their original values. To do this, you need the lock code. See 'Security', 'Phone and SIM', p. 102. After resetting the



settings, the phone may take a longer time to power on. Documents and files are unaffected.

Standby mode

You can assign keypad shortcuts for the different keypresses in the standby mode: is the Left selection key, pressing (a) is the same as Navigation key right, and (b) is the same as Selection key. You cannot have a shortcut to an application that you have installed.

Operator logo - This setting is visible only if you have received and saved an operator logo. You can choose if you want the operator logo to show or not.

Display

Bright - You can change the brightness of the display to lighter or darker. The brighness of the display is automatically adjusted according to the environment.

Screen saver timeout - The screen saver is activated when the timeout period is over.

Light time-out - Select a timeout after which the backlight will be switched off.



Call settings

Send my caller ID (network service) - You can set your phone number to be displayed to (Yes) or hidden from (No) the person to whom you are calling; or the value may be set by your network operator or service provider when you make a subscription (Set by network).

Call waiting (network service) - If you have activated call waiting, the network will notify you of a new incoming call while you have a call in progress. Select Activate to request the network to activate call waiting, Cancel to request the network to deactivate call waiting, or Check status to check if the function is active or not.

Reject call with SMS - Select Yes to send a text message to a caller informing why you could not answer the call. See 'Answering or rejecting a call', p. 23.



Fig. 13 The screen saver changes to show the number of new messages or missed calls.

⇒ Tip! To change the settings for call diverting, press and select Tools→ Settings→ Call divert. See 'Call diverting', p. 106.

¥ Tip! To switch between the phone lines, press and hold ♠ # in standby mode. Message text - Write a text to be sent in a text message when you reject a call.

Image in vid. call - You can deny video sending when you receive a video call. Select a still image to be displayed instead of video.

Automatic redial - Select On, and your phone will make a maximum of ten attempts to connect the call after an unsuccessful call attempt. Press J to stop automatic redialling. Summary after call - Activate this setting if you want the phone to briefly display the approximate duration of the last call.

Speed dialling - Select On, and the numbers assigned to the speed dialling keys (**2** abc - wxyz **9**) can be dialled by pressing and holding the key. See also 'Speed dialling a phone number', p. 22.

Anykey answer - Select On, and you can answer an incoming call by briefly pressing any key, except , , , and , .

Line in use (network service) - This setting is shown only if the SIM card supports two subscriber numbers, that is, two phone lines. Select which phone line you want to use for making calls and sending text messages. Calls on both lines can be answered irrespective of the selected line. If you select Line 2 and have not subscribed to this network service, you will not be able to make calls. When line 2 is selected, 2 is shown in the standby mode. If you have two phone lines, the divert indicator for the first line is 1 and for the second 2 a.

Line change (network service) - To prevent line selection, select Line change→ Disable if supported by your SIM card. To change this setting, you need the PIN2 code.

Connection settings

Data connections and access points

Your phone supports packet data connections (ﷺ), such as GPRS in the GSM network. See also 'Essential indicators', p. 15. To establish a data connection, an access point is required. You can define different kinds of access points, such as:

- · MMS access point to, for example, send and receive multimedia messages,
- · access point for the Web application to view WML or XHTML pages, and
- Internet access point (IAP) to, for example, send and receive e-mail.

Check the kind of an access point you need with your service provider for the service you wish to access. For availability and subscription to packet data connection services, contact your network operator or service provider.

Packet data connections in GSM and UMTS networks

When you are using your phone in GSM and UMTS networks it is possible to have multiple data connections active at the same time; access points can share a data connection; and data connections remain active (for example, during voice calls). For information on how to see how many data connections are active, see 'Connection manager', p. 92. See also network indicators in 'Essential indicators', p. 15.

The following indicators may replace the signal indicator, depending on which network you are using:

- GSM network, packet data is available in the network.
- GSM network, packet data connection is active, data is being transferred.
- **\mathbb{Z}** GSM network, multiple packet data connections are active.
- \mathbb{Z} GSM network, packet data connection is on hold. (This can happen during a voice call, for example.)
- UMTS network, packet data is available in the network.

⇒ Glossary: GPRS, General Packet Radio Service, uses packet data technology where information is sent in short packets of data over the mobile network. = - UMTS network, packet data connection is active, data is being transferred.

■ - UMTS network, multiple packet data connections are active.

Receiving access point settings

You may receive access point settings in a text message from a service provider, or you may have preset access point settings in your phone. See 'Receiving logos, tones, business cards, calendar entries, and settings', p. 54.

To create a new access point, select Tools → Settings → Connection → Access points.

An access point may be set to be protected (**(a)**) by your network operator or service provider. Protected access points cannot be edited or deleted.

Access points

Follow the instructions given to you by your service provider.

Connection name - Give a descriptive name for the connection.

Data bearer - Depending on what data connection you select, only certain setting fields are available. Fill in all fields marked with **Must be defined** or with a red asterisk. Other fields can be left empty, unless you have been instructed otherwise by your service provider.

To be able to use a data connection, the network service provider must support this feature, and if necessary, activate it for your SIM card.

Access point name (for packet data only) - The access point name is needed to establish a connection to the packet data and UMTS networks. You obtain the access point name from your network operator or service provider.

Options in the Access points list: Edit, New access point, Delete, Help, and Exit.

Options when editing access point settings: Change, Advanced settings, Help, and Exit.

User name - The user name may be needed to make a data connection, and is usually provided by the service provider. The user name is often case-sensitive.

Prompt password - If you must enter a new password every time you log in to a server, or if you do not want to save your password in the phone, choose Yes.

Password - A password may be needed to make a data connection, and is usually provided by the service provider. The password is often case-sensitive.

Authentication - Normal or Secure.

Homepage - Depending on what you are setting up, write either the Web address, or the address of the multimedia messaging centre.

Select Options→ Advanced settings to change the following settings:

Network type - Select the Internet protocol type to be used: IPv4 settings or IPv6 settings. Phone IP address - The IP address of your phone.

Name servers - Primary name server: The IP address of the primary DNS server, Second. Name server: The IP address of the secondary DNS server. Contact your Internet service provider to obtain these addresses.

Proxy serv. address - Define the address for the proxy server.

Proxy port number - Enter the proxy port number.

Packet data (GPRS)

The packet data settings affect all access points using a packet data connection.

Packet data conn. - If you select When available and you are in a network that supports packet data, the phone registers to the packet data network. Also, starting an active packet data connection is quicker (for example, to send and receive e-mail). If you select When needed, the phone uses a packet data connection only if you start an application or action that needs it. If there is no packet data coverage and you have chosen When available, the phone will periodically try to establish a packet data connection.

★ Tip! See also 'Receiving MMS and email settings', p. 52, 'Settings for e-mail', p. 60, and 'Accessing the Web', p. 67.

Signature of the state of the s

Access point - The access point name is needed to use your phone as a packet data modem to your computer.

Configurations

You may receive trusted server settings from your network operator or service provider in a configuration message, or the settings may be stored on your SIM or USIM card. These settings can be saved to your phone and viewed or deleted in Configurations.



Date and time

>i Tip! See also the Language settings, p. 96.

See 'Clock settings', p. 16.



Security

Phone and SIM

PIN (Personal Identification Number) code (4 to 8 digits) protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card. After three consecutive incorrect PIN code entries, the PIN code is blocked, and you need to unblock it before you can use the SIM card again. See the information about PUK code in this section.

UPIN code may be supplied with the USIM card. The USIM card is an enhanced version of the SIM card and is supported by UMTS mobile phones. The UPIN code protects the USIM card against unauthorised use.

PIN2 code (4 to 8 digits) supplied with some SIM cards, is required to access some functions in your phone.

Lock code (5 digits) can be used to lock the phone to avoid unauthorised use. The factory setting for the lock code is **12345**. To avoid unauthorised use of your phone, change the lock code. Keep the new code secret and in a safe place separate from your phone.

PUK (Personal Unblocking Key) and PUK2 codes (8 digits) are required to change a blocked PIN code or PIN2 code, respectively. If the codes are not supplied with the SIM card, contact the operator whose SIM card is in your phone.

UPUK code may be supplied with the USIM card and is needed to unblock a UPIN code.

Wallet code is needed to use the wallet services. See 'Wallet', p. 76.

PIN code request - When active, the code is requested each time the phone is switched on. Deactivating the PIN code request may not be allowed by some SIM cards.

PIN code, PIN2 code, and Lock code - You can change the lock code, PIN code, and PIN2 code. These codes can only include the numbers from 0 to 9.

Avoid using access codes similar to the emergency numbers to prevent accidental dialling of the emergency number.

Autolock period - You can set an autolock period, a time-out after which the phone is automatically locked and can be used only if the correct lock code is entered. Enter a number for the time-out in minutes, or select **None** to turn off the autolock period.

To unlock the phone, enter the lock code.

Note: When the phone is locked, calls in Offline profile to certain emergency numbers programmed into your phone are still possible.

Lock if SIM changed - You can set the phone to ask for the lock code when an unknown, new SIM card is inserted into your phone. The phone maintains a list of SIM cards that are recognised as the owner's cards.

 ☆ Tip! To lock the phone manually, press

() A list of commands opens. Select Lock phone.

Options in the
Fixed dialling view: Open,
Call, Activ. fixed dialling/
Deact. fixed dialling, New
contact, Edit, Delete,
Add to Contacts, Add
from Contacts, Find,
Mark/ Unmark, Help, and
Exit.

connection. In this case, the message centre number and the recipient's phone number have to be included on the fixed dialling list.



Note: When security features that restrict calls are in use (such as call barring, closed user group and fixed dialling) calls still may be possible to the official emergency numbers programmed into your phone.

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

Confirm SIM services (network service) - To set the phone to display confirmation messages when you are using a SIM card service.

Certif. management

Digital certificates do not guarantee safety; they are used to verify the origins of software.

In the Certificate management main view, you can see a list of authority certificates that have been stored in your phone. Press (a) to see a list of personal certificates, if available.

Digital certificates should be used if you want to connect to an online bank or another site or remote server for actions that involve transferring confidential information. They should also be used if you want to reduce the risk of viruses or other malicious software and be sure of the authenticity of software when downloading and installing software.



Important: Even if the use of certificates makes the risks involved in remote connections and software installation considerably smaller, they must be used correctly in order to benefit from increased security. The existence of a certificate does not offer any protection by itself; the certificate manager must contain correct, authentic, or trusted certificates for increased security to be available.

Certificates have a restricted lifetime. If Expired certificate or Certificate not valid yet is shown even if the certificate should be valid, check that the current date

and time in your phone are correct.

Viewing certificate details - checking authenticity

certificates are used to verify the origin of the XHTML or WML pages and installed software. However, they can only be trusted if the origin of the certificate is known to be authentic.

You can only be sure of the correct identity of a server when the signature and the period of validity of a server certificate have been checked.

You will be notified on the phone display if the identity of the server is not authentic or if you do not have the correct security certificate in your phone.

To check certificate details, scroll to a certificate, and select Options

Certificate details. When you open certificate details, Certificate management checks the validity of the certificate, and one of the following notes may appear:

- Certificate not trusted You have not set any application to use the certificate. See 'Changing the trust settings', p. 105.
- Expired certificate The period of validity has ended for the selected certificate.
- Certificate not valid yet The period of validity has not yet begun for the selected certificate.
- Certificate corrupted The certificate cannot be used. Contact the certificate issuer.

Changing the trust settings

Before changing any certificate settings, you must make sure that you really trust the owner of the certificate and that the certificate really belongs to the listed owner.

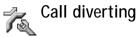
Scroll to an authority certificate, and select Options

Trust settings. Depending on the certificate, a list of the applications that can use the selected certificate is shown. For example:

- Symbian installation: Yes The certificate is able to certify the origin of new Symbian operating system application.
- Internet: Yes The certificate is able to certify servers.
- App. installation: Yes The certificate is able to certify the origin of new Java application.

Select Options→ Edit trust setting to change the value.

Options in the certificate management main view: Certificate details, Delete, Trust settings, Mark/Unmark, Help, and Exit.



Icon: When all calls are diverted. — is shown in the standby mode.

- 1 To direct your incoming calls to your voice mailbox or another phone number, press 😭
- 2 Select which calls you want to divert: Voice calls, or Data and video calls.
- 3 Select the desired divert option. For example, If busy to divert voice calls when your number is busy or when you reject incoming calls.
- 4 Set the divert option on (Activate) or off (Cancel), or check whether the option is activated (Check status). Several divert options can be active at the same time.

Call barring and call diverting cannot be active at the same time.



🔼 Call barring (network service)

Call barring allows you to restrict the calls that can be made or received with the phone. To change the settings, you need the barring password from your service provider. Select the desired barring option, and set it on (Activate) or off (Cancel), or check whether the option is active (Check status). Call barring affects all calls, including data calls.

Call barring and call diverting cannot be active at the same time.

When calls are barred, calls still may be possible to certain official emergency numbers.



🌇 Network

Nokia 6630 can automatically switch between the GSM and UMTS networks. The GSM network is indicated with T in the standby mode. The UMTS network is indicated with 36

Operator selection - Select Automatic to set the phone to search for and select one of the available networks, or Manual to manually select the network from a list of networks. If the connection to the manually selected network is lost, the phone will sound an error tone and ask you to reselect a network. The selected network must have a roaming agreement with your home network, that is, the operator whose SIM card is in your phone.

Cell info display - Select **On** to set the phone to indicate when it is used in a cellular network based on microcellular network (MCN) technology and to activate cell info reception.

Glossary: Roaming agreement - An agreement between two or more network service providers to enable the users of one service provider to use the services of other service providers.

Represent settings

Select the enhancement: Headset, Loopset, Text phone (a TTY device), or Handsfree (a Bluetooth handsfree device).

- Select Default profile to set the profile that you want activated each time you connect a certain enhancement to your phone. See 'Profiles setting tones', p. 12.
- Select Automatic answer to set the phone to answer an incoming call automatically
 after five seconds. If the Ringing type is set to Beep once or Silent, automatic answer
 is disabled.

Indicators shown in the standby mode:

- a headset is connected.

- a loopset is

T - a loopset is connected.

- headset unavailable, connection to a Bluetooth headset has been lost.

Yoice commands

Press • and select Tools→ Voice com.. Voice commands allows you to add, delete, and control voice commands in your phone. Voice commands are recorded the same way as voice tags. See 'Adding a voice tag to a phone number', p. 30.

Adding a voice command to an application

You can have only one voice command per application.

1 Select the application to which you want to add a voice command. To add a new application to the list, select Options→ New application. 2 Select Options → Add voice tag. See 'Adding a voice tag to a phone number', p. 30.

52

Application manager

Press **G** and select Tools→ Manager. You can install two types of applications and software to your phone:

- J2ME™ applications based on Java™ technology with the extension .jad or .jar (₺).
 Do not download PersonalJava™ applications to your phone as they cannot be installed.
- Other applications and software suitable for the Symbian operating system (). The installation files have the .sis extension.

Installation files may be transferred to your phone from a compatible computer, downloaded during browsing, or sent to you in a multimedia message, as an e-mail attachment, or using Bluetooth. You can use Nokia Application Installer in Nokia PC Suite to install an application to your phone or a memory card. If you are using Microsoft Windows Explorer to transfer a file, place the file on a memory card (local disk).

Installing applications and software

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

- Before installation, select Options

 View details to view information such as the
 application type, version number, and the supplier or manufacturer of the application.
- Before installation, select Options→ View certificate to display the security certificate details of the application. See 'Certif. management', p. 104.
- If you install a file that contains an update or repair to an existing application, you can
 only restore the original application if you have the original installation file or a full
 back-up copy of the removed software package. To restore the original application,
 remove the application, and install the application again from the original installation
 file or the back-up copy.

have received the installation file as an e-mail attachment, go to your mailbox, open the e-mail, open the Attachments view, scroll to the installation file, and press to start installation.

Icons:

- .sis application
- Java application
- application is not fully installed
- application is installed on the memory card.

- The .jar file is required for installing Java applications. If it is missing, the phone may
 ask you to download it. If there is no access point defined for the application, you will
 be asked to select one. When you are downloading the .jar file, you may need to enter
 a user name and password to access the server. You obtain these from the supplier or
 manufacturer of the application.
- 1 Open Application manager, and scroll to an installation file. Alternatively, search the phone memory or the memory card, select the application, and press o to start the installation.
- 2 Select Options→ Install. During installation, the phone shows information about the progress of the installation. If you are installing an application without a digital signature or certification, the phone displays a warning. Continue installation only if you are sure of the origins and contents of the application.
- To start an installed application, scroll to it, and press
- To start a network connection and to view extra information about the application, scroll to it, and select Options→ Go to web address, if available.
- To see what software packages have been installed or removed and when, select
 Options→ View log.
- To send your installation log to a help desk so that they can see what has been installed
 or removed, select Options

 Send log

 Via text message, Via multimedia, Via
 Bluetooth, or Via e-mail (available only if the correct e-mail settings are in place).

Removing applications and software

Scroll to a software package, and select Options→ Remove. Press Yes to confirm.

If you remove software, you can only re-install it if you have the original software package or a full back-up of the removed software package. If you remove a software package, you may no longer be able to open documents created with that software.

Nokia Application
Installer available in
Nokia PC Suite to install
applications. See the
CD-ROM supplied in the
sales package.

☆ Tip! While browsing, you can download an installation file and install it without closing the connection.

Options in the Applications main view: Install, View details, Go to Web address, View certificate, Send, Remove, App. downloads, View log, Send log, Update, Settings, Help, and Exit. Note: If another software package depends on the software package that you removed, the other software package may stop working. Refer to the documentation of the installed software package for details.

Application settings

- Software installation Select the kind of software you want installed: On, Signed only, or Off.
- Online certif. check Select if you want Application manager to check the online certificates for an application before installing it.
- Default web address Default address used when checking online certificates.

Some Java applications may require a phone call, a message to be sent, or a network connection to be made to a specific access point for downloading extra data or components. In the Applications main view, scroll to an application, and select Options

Suite settings to change settings related to that specific application.

Activation keys - handling copyright protected files

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

Press \S and select Tools \rightarrow Activation keys to view the digital rights activation keys stored in your phone.

- Valid keys (\(\begin{cases} \begin{cases} \pma \ \pma \ext{onnected} \text{ to one or more media file.} \end{cases}\)
- With expired keys () you have run out of time to use the media file, or the time
 period for using the file is exceeded. To view the Expired activation keys, press .
- To buy more usage time or extend the usage period for a media file, select an activation key, and select Options

 Activate content. Activation keys cannot be updated if Web service message reception is disabled. See 'Settings for Web service messages', p. 62.

- To view which keys are not in use at the moment (Not used), press twice. Unused activation keys have no media files connected to them saved in the phone.
- To view detailed information such as the validity status and ability to send the file, select an activation key and press (•).

Transfer - transferring content from another phone

Press § and select Tools— Transfer to copy contacts, calendar, images, video, and sound clips using Bluetooth from a compatible Series 60 phone such as Nokia 6600 and Nokia 7610 to your Nokia 6630. You can use your Nokia 6630 without a SIM card. Offline profile is automatically activated when the phone is switched on without a SIM card. This allows you to use the SIM card in another phone. Follow the instructions on the screen.

The copying process goes through the following steps:

- 1 Open the Transfer application. Follow the instructions that appear on the screen.
- 2 The Data transfer application is sent to the other phone.
- 3 Install the Transfer application to the other phone. The application is added to the main Menu.
- 4 The phones need to be paired. For further information on pairing, see 'Sending data using Bluetooth', Pairing, p. 89.
- 5 Select what content you want to be copied to your Nokia 6630.
- 6 Content is copied from the memory and memory card of the other phone (if available) to your Nokia 6630. Copying time depends on the amount of data to be transferred. You can cancel copying and continue later.

Device manager - service provider configuration

Press \S and select Tools \rightarrow Dev. mgr.. You may receive server profiles and different configuration settings from your network operator, service provider, or company information management department. These configuration settings may include access point settings for data connections and other settings used by different applications in your phone.

- To connect to a server and receive configuration settings for your phone, select Start configuration.
- To allow or deny receiving of configuration settings from a service provider, select Enable config. or Disable config..

Server profile settings

Contact your service provider for the correct settings.

- Server name Enter a name for the configuration server.
- Server ID Enter the unique ID to identify the configuration server.
- Server password Enter a password to identify your phone to the server.
- Session mode Bluetooth or Web.
- Access point Select an access point to be used when connecting to the server.
- Host address Enter the URL address of the server.
- Port Enter the port number of the server.
- User name and Password Enter your user name and password.
- Allow configuration To receive configuration settings from the server, select Yes.
- Auto-accept all reqs.. If you want the phone to ask for confirmation before accepting
 a configuration from the server, select No.

Battery information

Charging and Discharging

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

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

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

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

CARE AND MAINTENANCE

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

 Keep the device dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your device does get wet, Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

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

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

- remove the battery and allow the device to dry completely before replacing it.
- Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

- Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
- Do not attempt to open the device other than as instructed in this guide.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.

- Use a soft, clean, dry cloth to clean any lenses (such as camera, proximity sensor, and light sensor lenses).
- Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the device and may violate regulations governing radio devices.

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

ADDITIONAL SAFETY INFORMATION

Operating environment

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

This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 5/8 inch (1.5 cm) away from the body. When a carry case, belt clip or holder is used for body-worn operation, it should not contain metal and should position the device the above-stated distance from your body.

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

Medical devices

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

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

- always keep the device more than 6 in. (15.3 cm) from their pacemaker when the device is switched on;
- not carry the device in a breast pocket; and
- hold the device to the ear opposite the pacemaker to minimise the potential for interference.

If you have any reason to suspect that interference is taking place, switch off your device immediately.

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

Vehicles

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

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

equipment is improperly installed and the air bag inflates, serious injury could result.

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

Potentially explosive environments

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

Emergency calls

Important: Wireless phones, including this device, operate using radio signals, wireless networks, landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed.

You should never rely solely on any wireless device for essential communications like medical emergencies.

To make an emergency call:

- 1 If the device is not on, switch it on. Check for adequate signal strength.
 - Some networks may require that a valid SIM or USIM card is properly inserted in the device.
- 2 Press J as many times as needed to clear the display and ready the device for calls.
- 3 Enter the official emergency number for your present location. Emergency numbers vary by location.
- 4 Press the (key.

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

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



WARNING! In Offline profile you cannot make calls, except calls to certain emergency numbers, or use features that require network coverage.

Certification information (SAR)

THE NOKIA 6630 DEVICE MEETS GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by international guidelines (ICNIRP). These limits establish

permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards and guidelines include a substantial safety margin designed to assure the safety of the public, regardless of age and health and to account for any variations in measurements.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the international guidelines is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be well below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value when tested according to international testing procedures for use at the ear is 0.83 W/kg.

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

USA and Canada: The SAR limit of USA (FCC) and Canada (IC) is 1.6 W/kg averaged over one gram of tissue. This device model has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.55 W/kg and when properly worn on the body is 0.58 W/kg. Information about this device

can be found on the FCC's website at http://www.fcc.gov/oet/fccid by searching the equipment authorization system using FCC ID: PDNRM-1.

Index

| С | CD-ROM 91 |
|------------------------------|--|
| cache | certificates 104 |
| clearing 72 | chat |
| calendar | see instant messaging |
| alarm 64 | clear screen |
| sending entries 64 | See standby mode |
| stopping a calendar alarm 64 | clock |
| synchronising PC Suite 65 | alarm 16 |
| call register | settings 16 |
| see <i>log</i> | snooze 16 |
| calls | codes 102 |
| dialled numbers 25 | lock code |
| duration 25 | PIN code 102 |
| international 21 | PIN2 code 102 |
| received 25 | computer connections 91 |
| settings 97 | conference call 23 |
| settings for call divert 106 | connection settings 99 |
| transferring 24 | contact cards |
| camera | inserting pictures 28 |
| adjusting brightness 34 | storing DTMF tones 25 |
| adjusting contrast 34 | contrast |
| night mode 34 | setting in camera 34 |
| saving video clips 36 | copying |
| self-timer 35 | contacts between the SIM card and |
| sending images 34 | device memory 29 |
| sequence mode 34 | text 50 |
| video recorder settings 36 | copyright protection |
| | cache clearing 72 calendar alarm 64 sending entries 64 stopping a calendar alarm 64 synchronising PC Suite 65 call register see log calls dialled numbers 25 duration 25 international 21 received 25 settings 97 settings for call divert 106 transferring 24 camera adjusting brightness 34 adjusting contrast 34 night mode 34 saving video clips 36 self-timer 35 sending images 34 sequence mode 34 |

| see activation keys | JAR file 109 | l L |
|------------------------------------|---|-------------------------------------|
| cutting text 50 | RealOne Player 42 | lock code 102 |
| D | SIS file 108 | log |
| data connections | file manager 17 | erasing contents 27 |
| details 92 | fixed dialling 103 | filtering 27 |
| ending 92 | G | log duration 27 |
| indicators 15 | gallery 37 | loopset settings 107 |
| date | H | loudspeaker 17 |
| settings 102 | handsfree | activating 17 |
| digital rights management, DRM | see loudspeaker | turning off 17 |
| see activation keys | headset settings 107 | M |
| DNS, domain name service, glossary | rieduset settings 107 | mailbox 55 |
| explanation 101 | 1 | media files |
| E | indicators 15 | fast forward 44 |
| editing videos 39 | instant messaging 81 | file formats 42 |
| adding effects 39 | blocking 83 connecting to a server 81 | mute sound 44 |
| adding sound clips 39 | groups 85 | rewind 44 |
| adding transitions 39 | individual conversations 84 | memory |
| custom video clips 39 | recording the messages 84 | clearing memory 25, 26 |
| e-mail 50 | sending a private message 83 | viewing memory consumption 18 |
| offline 57 | sending a private message 63 sending instant messages 83 | memory card 19 |
| opening 56 | user ID, glossary explanation 84 | password 19 |
| remote mailbox 55 | internet access points (IAP) | unlocking 20 |
| retrieving from mailbox 55 | See access points | memory card adapter |
| settings 60 | IP address, glossary explanation 101 | see the Quick Start Guide, reduced- |
| viewing attachments 56 | J | size MultiMediaCard adapter |
| F | | menu |
| file formats | Java | rearranging 12 |
| JAD file | See applications, Java | messaging |
| | | e-mail 50 |

| multimedia message 50 | receiving in a text message 54 | original settings 96 |
|-------------------------------------|----------------------------------|-------------------------------------|
| text message 50 | removing a personal ringing tone | personalising the phone 11 |
| movies, muvees | 30 | PIN code 102 |
| custom muvees 41 | RSMMC, reduced-size MMC | screen saver 97 |
| quick muvees 40 | see the Quick Start Guide | UPIN code 102 |
| multimedia messages 50 | S | UPUK code 103 |
| mute sound 44 | security code | wallet 79 |
| P | see lock code | wallet code 103 |
| packet data connections 92 | sending | shortcuts |
| GPRS, glossary explanation 99 | calendar entries 64 | camera 34 |
| settings 101 | contact cards, business cards 29 | see the Quick Start Guide |
| pasting text 50 | images 34 | web connection 68 |
| PC connections | video clips 40 | SIM card |
| via Bluetooth or USB cable 91 | service commands 47 | copying names and numbers to |
| PC Suite | settings | phone 29 |
| calendar data 65 | access codes 102 | messages 58 |
| synchronisation 91 | access points 100 | names and numbers 29 |
| transfering images to a PC 38 | bluetooth 89 | SIS file 108 |
| viewing phone memory data 18 | calendar 65 | SMS centre, short message service |
| personalisation 13 | call barring 106 | centre 59 |
| PIN code 102 | call diverting 106 | SNOOZE |
| R | certificates 104 | alarm clock 16 calendar alarm 64 |
| recording video 37 | data connections 99 | software |
| recording voice tags 30, 107 | date and time 102 | transferring a file to your device |
| reminder | display 97 | 108 |
| See calendar, alarm | headset 107 | sound clips 37 |
| remote mailbox 55 | IM settings 81, 82, 87 | sounds |
| resolution, glossary explanation 35 | language 96 | muting a ringing tone 23 |
| ringing tones | lock code 102 | personalising 12 |
| adding a personal ringing tone 30 | loopset 107 | porcontainoning 12 |

| recording sounds 42 | video recorder |
|--|--------------------------------------|
| speed dialling 22 | see camera |
| standby mode 11 | voice dialling 30, 107 |
| synchronisation 93 | voice mailbox 21 |
| T | changing the phone number 21 |
| text message 50 | diverting calls to voice mailbox 106 |
| text message service centre | voice messages 21 |
| adding new 59 | voice tags 30, 107 |
| thumbnail images | adding 30, 107 |
| in a contact card 28 | making calls 31 |
| time | volume control 17 |
| settings 102 | during a call 21 |
| transfering content from another phone | loudspeaker 17 |
| 111 | W |
| U | wallet 76 |
| UPIN code 102 | entering the wallet code 77 |
| UPUK code 103 | resetting wallet code 79 |
| USB cable 91 | settings 79 |
| USIM card | storing card details 77 |
| see glossary explanation in the | viewing ticket details 79 |
| Ouick Start Guide | wallet code 77, 103 |
| USSD commands 47 | web |
| V | access points, see access points |
| video call 21 | |
| | |
| answering 24 | |
| rejecting 24 | |
| video playor | |
| video player | |
| See <i>RealOne Player</i> | |