To save memory space after you print or upload your images, and still keep a small version of the image on your device, select **Options** > **Compress**.

To add an image or a video clip to an album in the gallery, select **Options** > **Add to album**. See 'Albums', p. 41.

To create custom video clips, select a video clip, or several clips in the gallery, and select **Options** > **Edit**. See 'Edit video clips', p. 37.

To print your images on a printer connected to your device, or to store them on your MMC for printing, select **Options** > **Print**. See 'Image print', p. 46.

To zoom an image, select **Options** > **Zoom in**. The zooming ratio is at the top of the display. The zooming ratio is not stored permanently.

To delete an image or video clip, press C .

Slide show

Use **Slide show** to view images and video clips in the full screen mode. Select from the following:

- **Start**—to start the slide show.
- **Play**—to open the RealPlayer application.
- **Pause**—to pause the slide show
- **Continue**—to resume the slide show
- **End**—to close the slide show.

Press (faster) or (slower) to adjust the **Tempo**. Press (previous) or (next) to browse the thumbnails.

To add sound to the slide show, select **Options** > **Slide show** > **Music settings** and from the following:

- **Music**—Select **On**, or **Off**.
- **Track**—Select a music file from the list.
- **Volume**—Press to decrease the volume, or to increase the volume.

Albums

With albums you can conveniently manage your images and video clips. To view the albums list, in the **Images & video** folder, select **Options** > **Albums**. The albums are ordered alphabetically. To view the content of an album, press .

To create a new album, select **Options** > **New album**. Enter a name for the album, and select **OK**.

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

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

PrintOnline

Note: The availability of this service may vary according to your country or sales area.

With the **PrintOnline** application you can print images online, and order different products with the selected image, such as mugs or mouse pads. The available products depend on the service provider.

In order to use **PrintOnline**, you must subscribe to the service with an online printing service provider and have at least one printing service configuration file installed. The files can be obtained from printing service providers that support **PrintOnline**.

You can only print images that are in .jpeg format.

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

1 Press , and select **Gallery** > **Images & video**. Select an image or images, and **Options** > **Print** > **Order prints**.
2 Select a service provider from the list.
3 Select **Options** and from the following:
Open—to start the connection to the service provider
Remove—to remove the service provider from the list. If you remove the last service provider from the list, the **Order prints** option is not available until you have at least one configuration file installed.
Log—to view the details of the previous orders: the name of the service provider, total sum, and status of the order.
When you are connected to the service provider server, the images preview view opens, and displays the images you selected in **Gallery**.
4 Select **Options** and from the following:
Preview—to view the image before ordering a print. Scroll up or down to view the images.
Order now—to submit your order
Change product order—to adjust the product details and number of copies for the selected image. In the product order view, you can select which product and of what type you want to order. The available options and products vary depending on the service provider. Scroll left or right to view and change the image details of the other images in the order.
Change customer info—to change the customer and order information. You can copy the customer information from contacts.
Add image—to add more images to the order
Remove image—to remove images from the order
Log—to view the details of the previous orders.
When the order is sent, **Order sent successfully** is displayed.

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Online sharing

Note: The availability of this service may vary according to your country or sales area.

With the **Online sharing** application, you can share your images and videos in online albums, weblogs, or in other online sharing services on the Web. You can upload content, save unfinished posts as drafts and continue later, and view the content of the albums. The supported content types may vary depending on the service provider.

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

Get started

To use **Online sharing**, you must subscribe to the service with an online image sharing service provider. You can usually subscribe to the service on the Web page of the service provider. Contact your service provider for details on subscribing to the service. For more information on compatible service providers, see www.nokia.com/support/phones/N72.

When you open the service for the first time in the **Online sharing** application, you are prompted to provide the user name and password. You can access the settings later through **Options** > **Settings** in the **Online sharing** application. See 'Online sharing settings', p. 44.

Upload files

Press , and select **Gallery** > **Images & video**, the files you want to upload, and **Options** > **Send** > **Web upload**. You can access the **Online sharing** application also from the main camera.

The **Select service** view opens. To create a new account to a service, select **Options** > **Add new account** or the service icon with the text **Create account** in the services list. If you have created a new account offline, or modified an account or service settings through a Web browser on a compatible PC, to update the services list in your device, select **Options** > **Retrieve services**. To select a service, press the scroll key.

When you select the service, the selected images and videos are shown in the edit state. You can open and view the files, reorganize them, add text to them, or add new files.

To cancel the Web upload process, and save the created post as a draft, select **Back** > **Save as draft**. If the uploading has already started, select **Cancel** > **Save as draft**.

To connect to the service and upload the files to the Web, select **Options** > **Upload**, or press .

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Open online service

To view uploaded images and videos in the online service, and draft and sent entries in your device, in the **Images & video** folder, select **Options** > **Online Services**. If you have created a new account offline, or modified an account or service settings through a Web browser on a compatible PC, to update the services list in your device, select **Options** > **Retrieve services**. Select a service from the list.

After you open a service, select from the following:

- **Open in Web browser**—to connect to the selected service and view the uploaded and draft albums in the Web browser. The view may vary depending on the service provider.
- **Drafts**—to view and edit the draft entries, and upload them to the Web
- **Sent**—to view the 20 latest entries created through your device
- **New post**—to create a new entry

The available options may vary depending on the service provider.

Online sharing settings

To edit the **Online sharing** settings, in the **Online sharing** application, select **Options** > **Settings**.

My accounts

In **My accounts**, you can create new accounts or edit existing accounts. To create a new account, select **Options** > **Add new account**. To edit an existing account, select an account and **Options** > **Edit**. Select from the following:

Account name—to enter a name for the account

Service provider—to select the service provider you want to use. You cannot change the service provider for an existing account, you must create a new account for the new service provider. If you delete an account in **My accounts**, the services related to the account are also deleted from you device, including the sent items for the service.

User name and **Password**—to enter the user name and password you created for your account when you registered to the online service

Upload image size—to select the size in which the images are uploaded to the service

Application settings

Display image size—to select the size in which the image is shown on the display of your device. This setting does not affect the upload image size.

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Display text size—to select the font size used to display text in draft and sent entries, or when you add or edit text to a new entry

Advanced

Service providers—to view or edit service provider settings, add a new service provider, or view details of a service provider. If you change the service provider, all the **My accounts** information for the previous service provider is lost. You cannot change the settings of predefined service providers.

Default access point—to change the access point used to connect to the online service, select the access point you want.

Free Draft

Imaging

Image print

To print images with **Image print**, select the print option in the gallery, camera, image editor, or image viewer.

Use **Image print** to print your images using a data cable, Bluetooth connectivity, or your memory card.

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

To print to a PictBridge-compliant printer, select the print option before you connect the USB cable.

Select the image you want to print and **Options** > **Print**.

Printer selection

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

If you have connected a PictBridge-compliant USB printer using the CA-53 cable supplied with the device, the printer is automatically displayed.

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

Print preview

The print preview view opens only when you start printing an image in the gallery or the active standby mode.

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

Print settings

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

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

Draft

RealPlayer

Press , and select **Imaging** > **RealPlayer**. With **RealPlayer**, you can play video clips, sound clips, and playlists, or stream media files over the air. You can activate a streaming link when you browse Web pages, or store it in the device memory or memory card.

RealPlayer supports files with extensions such as .aac, .awb, .m4a, .mid, .mp3, and .wav. However, **RealPlayer** does not necessarily support all file formats or all the variations of file formats. For example, **RealPlayer** attempts 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 device.

Tip! You can transfer music files from your device to your memory card with Nokia Audio Manager available in Nokia PC Suite. See the CD-ROM supplied with your device.

Play video or sound clips

1 To play a media file stored in device memory, or on the memory card, select **Options** > **Open** and from the following:
Most recent clips—to play one of the last six files played in **RealPlayer**.
Saved clip—to play a file saved in **Gallery**. See 'Gallery', p. 39.
2 Scroll to a file, and press to play the file.

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

Icons in **RealPlayer**: —Repeat; —Random; — Repeat and random; and —Loudspeaker muted.

Create a track list

To create a track list of the music tracks on your device memory or memory card:

1 Select **Options** > **New track list**.
2 Select the memory from which you want to select the music tracks.
3 Enter a name for the track list.
4 Select the music tracks you want to include in the track list.
5 Select **Back**. The track list automatically starts to play.

Tip! To leave the application open and play music in the background, press twice to return to the standby mode. To return to the application, press , and select **RealPlayer**.

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 🔇 is displayed. To turn on the sound, press and hold ◉ until you see 🔊.

Stream content over the air

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.

The access points may be configured when you first start your device.

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.

To stream content over the air, select a streaming link saved in Gallery, on a Web page, or received in a text message or multimedia message. Before live content begins streaming, your device connects to the site and starts loading the content. The content is not saved in the device.

Receive RealPlayer settings

You may receive RealPlayer settings in a special text message from the network operator or service provider. See 'Data and settings', p. 57. For more information, contact your network operator or service provider.

Change the RealPlayer settings

Select Options > Settings and from the following:

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.

Proxy 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.

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.

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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 pause a media clip playing through a network link, select **User defined**, and press ⊙. Enter the time, and select **OK**.

Lowest UDP port—Enter the lowest port number of the servers port range. The minimum value is 6970.

Highest UDP port—Enter the highest port number of the servers port range. The maximum value is 32000.

Select **Options** > **Advanced settings** to edit the bandwidth values for different networks.

Movie director

To create muvees, press , and select **Imaging** > **Movie director**. Muvees are short, edited video clips that can contain video, images, music, and text. **Quick muvee** is created automatically by **Movie director** after you select the style for the muvee. **Movie director** uses the default music and text associated with the chosen style. Every style has its own font style, color, music, and pace. In a **Custom muvee** you can select your own video and music clips, images and style, and add an opening and closing message. You can send muvees with MMS.

Open **Movie director**, and press ◐ or ◑ to move between the and views. You can also return to the main view from the view by selecting **Done**.

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

Create a quick muvee

1. In the **Movie director** main view, select **Instant muvee**.
2. Select a style for the muvee from the style list. The created muvee is saved in the **Movie director** muvee list. The muvee is played automatically after saving.

Tip! To download new styles to your device, select **Download style** (network service) from the **Movie director** main view.

Create a custom muvee

1. In the **Movie Director** main view, select **Custom muvee**.
2. Select the clips you want to include in your muvee in **Video**, **Image**, **Style**, or **Music**.
   After you select video clips and images, to define the order in which the files are played in the muvee, select **Options** > **Advance**. To select the file you want to

move, press the scroll key. Then scroll to the file below which you want to place the marked file, and press the scroll key.
To cut the video clips, select **Options**> **Select contents**. See 'Select content', p. 50.
In **Message** you can add an opening and closing text to a muvee.

3 Select **Create muvee** and from the following:
Suitable for MMS—to optimize the length of the muvee for MMS sending.
Auto-select—to include all the selected pictures and video clips in the muvee.
Music Length—to set the muvee duration to be the same as the chosen music clip.
Define—to define the length of the muvee.

4 Select **Options** > **Save**.

To preview the custom muvee before saving it, in the **Preview muvee** view, select **Options** > **Play**.

To create a new custom muvee by using the same style settings, select **Options** > **Recreate muvee**.

Select content

After you select images and video clips for your muvee, you can edit the selected video clips. Select **Options** > **Advance** > **Options** > **Select contents**. You can select which parts of the video clip you want to include or exclude in the muvee. A slider below the video screen indicates the included, excluded, and neutralized parts with colors: green is for included, red is for excluded, and grey is for neutral parts.

To include a part of the video clip in the muvee, scroll to the part, and select **Options** > **Highlight**.

To exclude a part from the video clip, scroll to the part, and select **Options** > **Exclude**.

To let **Movie director** randomly include or exclude a part of the video clip, scroll to the part, and select **Options** > **Neutralize**.

To exclude a shot from the video clip, select **Options** > **Exclude shot**.

To let **Movie director** randomly include or exclude parts of the video clip, select **Options** > **Neutralize all**.

Settings

Select **Preferences** 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.

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Messaging

Press , 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 connectivity, receive Web service messages, cell broadcast messages, and send service commands.

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

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 'E-mail', p. 63.

Drafts—Stores draft messages that have not been sent.

Sent—Stores the last 20 messages that have been sent excluding messages sent using Bluetooth connectivity. To change the number of messages to be saved, see 'Other settings', p. 65.

Outbox—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.

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

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

Cell broadcast (network service) allows you to receive messages on various topics, such as weather or traffic

conditions from your service provider. For available topics and relevant topic numbers, contact your service provider. In the main view of **Messaging**, select **Options** > **Cell broadcast**. In the main view you can see the status of a topic, a topic number, name, and whether it has been flagged ( ) for follow-up.

Write text

Traditional text input

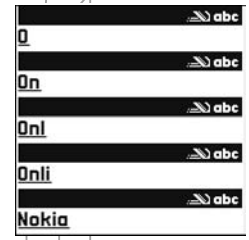
ABC, abc, and Abc indicate the selected character mode. 123 indicates number mode.

is displayed when you are writing text using traditional text input.

- Press a number key (1 – 9) repeatedly until the desired character appears. There are more characters available for a number key than are printed on the key.
- 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.
  Press * to open a list of special characters. Use to move through the list, and select a character.
- To insert a space, press 0 . To move the cursor to the next line, press 0 three times.
- To switch between the different character modes, press # .

Predictive text input—Dictionary

You can enter any letter with a single keypress. 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 , and select **Dictionary on**. This activates predictive text input for all editors in the device. is displayed when you write text using predictive text input.
2 To write the desired word, press the keys 2 – 9 .
  Press each key only once for one letter. For example, to write "Nokia" when the English dictionary is selected,

press 6 for N, 6 for o, 5 for k, 4 for i, and 2 for a.
The word suggestion changes after each keypress.

3 When you finish writing the word and it is correct, to confirm it, press ◉, or press 0 to add a space.
If the word is not correct, press * repeatedly to view the matching words the dictionary has found one by one, or press ✎, and select **Dictionary** > **Matches**.
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, select **Spell**, enter the word using traditional text input, and select **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.

Tips on 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 modes, press #. If you press # quickly twice, predictive text input is turned off.

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

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. Press 1 and then * 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.

Press ✎, select **Dictionary**, and press ◉ to select one of the following options:

Matches—View a list of words that correspond to your key presses.

Insert word—Add a word to the dictionary by using traditional text input. When the dictionary becomes full, a new word replaces the oldest added word.

Edit word—Edit the word using traditional text input. This is available if the word is active (underlined).

Tip! When you press ✎, the following options appear (depending on the editing mode): **Dictionary** (predictive text input), **Alpha mode** (traditional text

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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 device).

Write 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 0 to add a space.

Turn predictive text input off

Press ✎, and select **Dictionary** > **Off** to turn predictive text input off for all editors in the device.

Copy text to clipboard

1 To select letters and words, press and hold ✎. At the same time, press ◉ or ◉. As the selection moves, text is highlighted.
2 To copy the text to the clipboard, while still holding ✎, select **Copy**.
3 To insert the text into a document, press and hold ✎, and select **Paste**; or press ✎ once, and select **Paste**.
To select lines of text, press and hold ✎. At the same time, press ◉ or ◉.
To remove the selected text from the document, press C.

Write and send messages

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

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

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

Before you can create a multimedia message or write an e-mail, you must have the correct connection settings in place. See 'Receive MMS and e-mail settings', p. 56 and 'E-mail', p. 63.

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

1 Select **New message**. 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 are prompted to do so.
2 Press ◉ to select recipients or groups from contacts, or enter the recipient's phone number or e-mail

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address. Press * to add a semicolon (;) that separates the recipients. You can also copy and paste the number or address from the clipboard.

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

3 Press ⊙ to move to the message field.
4 Write the message.
5 To add a media object to a multimedia message, select **Options** > **Insert object** > **Image**, **Sound clip**, or **Video clip**. When sound is added, is shown.
You cannot send video clips that are saved in the .mp4 format in a multimedia message. To change the format in which recorded videos are saved, see 'Video settings', p. 37.
6 To take a new picture or record sound or video for a multimedia message, select **Options** > **Insert new** > **Image**, **Sound clip**, or **Video clip**. To insert a new slide to the message, select **Slide**.
Select **Options** > **Preview** to see what the multimedia message looks like.

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

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

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

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

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 **Failed** status.

Tip! In **Messaging** you can also create presentations and send them in a multimedia message. In the multimedia message editor view, select **Options** > **Create presentation** (shown only if **MMS creation**

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mode is set to Guided or Free). See 'Multimedia messages', p. 62.

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 files, 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.

Receive MMS and e-mail settings

You may receive the settings in a text message from your network operator or service provider. See 'Data and settings', p. 57.

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

Enter 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. 96.
2 Select Messaging > Options > Settings > Multimedia message > Access point in use and the access point you created to be used as the preferred connection. See also 'Multimedia messages', p. 62.

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

- Configure an Internet access point (IAP) correctly. See 'Connection settings', p. 96.
- Define your e-mail settings correctly. See 'E-mail', p. 63. You need to have a separate e-mail account. Follow the instructions given by your remote mailbox and Internet service provider (ISP).

Inbox—receive messages

Inbox icons: —unread messages in Inbox; — unread text message; —unread multimedia message; —data received through Bluetooth connectivity.

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

Multimedia messages

Important: Exercise caution when opening messages. Multimedia message objects may contain

malicious software or otherwise be harmful to your device or PC.

You may receive a notification that you have received a multimedia message that is saved in the multimedia message centre. To start a packet data connection to retrieve the message to your device, select **Options** > **Retrieve**.

When you open a multimedia message ( ), you may see an image and a message, 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 device or send it, for example, through Bluetooth connectivity to another compatible device.

To view received multimedia presentations, select **Options** > **Play presentation**.

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

Data and settings

Your device 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** > **Add 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.

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

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

In **My folders**, 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.

Mailbox

If you select **Mailbox** and have not set up your e-mail account, you are prompted to do so. See 'E-mail', p. 63.

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

Open the mailbox

When you open the mailbox, 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 device 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 'Connection settings', p. 96.

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

Retrieve e-mail messages

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

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

1 When you have an open connection to a remote mailbox, select **Options** > **Retrieve e-mail**.
New—to retrieve all new e-mail messages to your device.
Selected—to retrieve only the e-mail messages that have been marked.
All—to retrieve all messages from the mailbox.
To stop retrieving messages, select **Cancel**.
2 After you retrieve the e-mail messages, you can continue viewing them online, or select **Options** > **Disconnect** to close the connection and view the e-mail messages offline.
E-mail status icons:
New e-mail (offline or online mode): the content has not been retrieved to your device.
New e-mail: the content has been retrieved to your device.
The e-mail message has been read.
The e-mail heading has been read and the message content has been deleted from the device.
3 To open an e-mail message, press ◉. If the e-mail message has not been retrieved (arrow in the icon is pointing outwards) and you are offline, you are asked if you want to retrieve this message from the mailbox.

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

Tip! If your mailbox uses the IMAP4 protocol, you can define how many messages to retrieve, and whether to retrieve the attachments. See 'E-mail', p. 63. With the POP3 protocol, the options are **Headers only**, **Partially (kB)**, or **Msgs. & attachs.**.

Retrieve e-mail messages automatically

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

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

Delete e-mail messages

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

The device mirrors the e-mail headings in the remote mailbox. Although you delete the message content, the e-mail heading stays in your device. If you want to remove

the heading as well, you must first delete the e-mail message from your remote mailbox, and then make a connection from your device to the remote mailbox again to update the status.

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

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

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

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

Disconnect from the mailbox

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

Tip! If you leave your mailbox connection open, the new e-mail (**Headers only** as default) is retrieved from the remote mailbox to your device automatically (only if the 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.

View 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, 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—A connection is being made and the message is being sent.

Waiting/**Queued**—The message will be sent when previous messages of a similar type have been sent.

Resend at %U (time)—The device will try to send the message again after a time-out period. Select **Options** > **Send** to restart the sending immediately.

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 the outbox, for example, when your device is outside network coverage. You can also schedule e-mail messages to be sent the next time you connect to your remote mailbox.

View messages on a SIM card

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

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 **OK** to start copying. Open the folder to view the messages.

Messaging settings

Text messages

Select **Messaging** > **Options** > **Settings** > **Text message**.

Message centres—Lists all the text message centres that have been defined.

Msg. centre in use—Select which message centre is used for delivering text messages.

Receive report—To request the network to send delivery reports on your messages (network service). When set to **No**, only the **Sent** status is shown in the 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 centre. The network must 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 message centre is able to convert text messages into these other formats. Contact your network operator.

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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. 96.

Reply via same ctr.—Select **Yes**, if you want the reply message to be sent using the same text message centre number (network service).

Add a new text message centre

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

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**. Select **Original** to increase the size of the multimedia message.

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

Access point in use (**Must be defined**)—Select which access point is used as the preferred connection for the multimedia message centre.

Multimedia retrieval—Select how you want to receive multimedia messages. To receive multimedia messages automatically in your home network, select **Aut. in home network**. Outside your home network, you receive a notification that you have received a multimedia message that is saved in the multimedia message centre. You can select if you want to retrieve the message to your device.

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

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

Allow anon. messages—Select **No** if you want to reject messages from an anonymous sender.

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

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

Deny report sending—Select **Yes** if you do not want your device 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.

Tip! You may also obtain the multimedia and e-mail settings from your service provider through a configuration message. Contact your service provider for more information. See 'Data and settings', p. 57.

E-mail

Select **Messaging** > **Options** > **Settings** > **E-mail**, or in the mailbox main view, select **Options** > **E-mail settings** and from the following:

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 are prompted to do so. Select a mailbox to change the following settings: **Mailbox settings**, **User settings**, and **Automatic retrieval**.

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. 96.

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. You may only be able to use the outgoing server of your network operator. Contact your service provider for more information.

Send message—Define how e-mail is sent from your device. Select **Immediately** for the device to connect to the mailbox when you select **Send message**. If you select **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 are 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 use 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 (ports)—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 are retrieved to the mailbox.

Retrieve (not shown if the e-mail protocol is set to IMAP4)—Define which parts of the e-mails are retrieved: **Headers only**, **Partially (kB)**, or **Msgs. & attachs.**.

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 to other folders in the remote mailbox 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 replaces your e-mail address in the recipient's phone when the recipient's phone supports this function.

Automatic retrieval:

Header retrieval—When this function is on, messages are retrieved automatically. You can define when, and how often, the messages are retrieved.

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

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Web service messages

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

Cell broadcast

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

Reception—Choose whether you want to receive cell broadcast messages.

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 set **Topic detection** > **On**, the device automatically searches for new topic numbers, and saves the new numbers without a name to the topic list. Select **Off** if you do not want to save new topic numbers automatically.

Other settings

Select **Messaging** > **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 send to the **Sent** folder.

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

Memory in use—Choose the memory where you want to save your messages: **Phone memory** or **Memory card**.

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

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Radio

Press , and select Radio. You can use the application as a traditional FM radio with automatic tuning and saved stations, or with parallel visual information related to the radio program on the display, if you tune to stations that offer Visual Radio service. The Visual Radio service uses packet data (network service). You can listen to the FM radio while using other applications.

To use the Visual Radio service, the following conditions are required:

- The device must be switched on.
- The device must have a valid SIM card inserted.
- The station you listen to and the network operator you use must support this service.
- An Internet access point must be defined to access the operator's Visual Radio server.
- The station must have the correct Visual Radio service ID defined and Visual Radio service enabled. See 'Saved stations', p. 67.

If you do not have access to the Visual Radio service, the operators and radio stations in your area may not support Visual Radio. The Visual Radio service may not be available in all areas and countries.

You can normally make a call or answer an incoming call while listening to the radio. The radio is turned off when there is an active call. When the call is finished, you may need to turn the radio back on manually.

The radio selects the used frequency band based on the country information received from the network. If this information is not available, you may be asked to select the region you are located in, or you can select the region in the Visual Radio settings.

Listen to the radio

Note that the quality of the radio broadcast depends on the coverage of the radio station in that particular area.

The FM radio depends on an antenna other than the wireless device antenna. A compatible headset or enhancement needs to be attached to the device for the FM radio to function properly.

Press , and select **Radio**. To start a station search, select or . Searching stops when a station is found. To change the frequency manually, select **Options** > **Manual tuning**.

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If you have previously saved radio stations, select ⏭ or ⏮ to go to the next or previous saved station, or press the corresponding number key to select the memory location of a station.

To adjust the volume, press ◐ or ◑. To listen to the radio using the loudspeaker, select **Options** > **Activate loudsp.**.

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

To view available stations based on location, select **Options** > **Station directory** (network service).

To save the current tuned station to your station list, select **Options** > **Save station**. To open the list of your saved stations, select **Options** > **Stations**. See 'Saved stations', p. 67.

To return to the standby mode and leave the FM radio playing in the background, select **Options** > **Play in background**.

View visual content

To check availability and costs, and to subscribe to the service, contact your network operator or service provider.

To view available visual content for a tuned station, select 🎥 or **Options** > **Start visual service**. If the visual service ID has not been saved for the station, enter it, or select **Retrieve** to search for it in the station directory (network service).

When the connection to the visual service is established, the display shows the current visual content designed by the content provider.

To adjust display settings for the visual content view, select **Options** > **Display settings** > **Lighting** or **Screen saver timeout**.

Saved stations

You can save up to 20 radio stations in the radio. To open your station list, select **Options** > **Stations**.

To listen to a saved station, select **Options** > **Station** > **Listen**. To view available visual content for a station with Visual Radio service, select **Options** > **Station** > **Start visual service**.

To change station details, select **Options** > **Station** > **Edit**.

Settings

Select **Options** > **Settings** and from the following:

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Start-up tone—Select if a tone is played when the application is started.

Auto-start service—Select **Yes** to have the Visual Radio service start automatically when you select a saved station that offers visual service.

Access point—Select the access point used for the data connection. You do not need an access point to use the application as an ordinary FM radio.

Current region—Select the region you are currently located in. This setting is displayed only if there was no network coverage when the application was started.

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Calendar

Shortcut: Press any key (1 – 0) in any calendar view. A meeting entry opens, and the characters you enter are added to the **Subject** field.

Tip! Regularly back up the information on the device to the memory card. You can restore the information, such as calendar entries, to the device later. See 'Memory card tool', p. 15.

Create calendar entries

1 Press , and select **Calendar** > **Options** > **New entry** and from the following:
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.

2 Fill in the fields. Use to move between fields.
Alarm (meetings and anniversaries)—Select **On**, and press to fill in the **Alarm time** and **Alarm date** fields. in the day view indicates an alarm.
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 is not shown to others with online access to view the calendar.
Public—The calendar entry is shown to others who have access to view your calendar online.
None—The calendar entry is not copied to your compatible PC when you synchronise.

3 To save the entry, select **Done**.

To stop a calendar alarm, select **Silence** to turn off the calendar alarm tone. The reminder text stays on the screen. Select **Stop** to end the calendar alarm. Select **Snooze** to set the alarm to snooze.

Tip! To send a calendar note to another compatible device, select **Options** > **Send** > **Via text message**, **Via multimedia**, **Via e-mail**, or **Via Bluetooth**.

Tip! You can move calendar and to-do data from many different Nokia phones to your device or synchronise your calendar and to-do notes to a compatible PC using Nokia PC Suite. See the CD-ROM supplied with your device.

Set a calendar alarm

You can set an alarm to remind you of meetings and anniversaries.

1 Open an entry in which you want to set an alarm, and select **Alarm** > **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 Select **Done**.

To delete a calendar alarm, open the entry in which you want to delete an alarm, and select **Alarm** > **Off**.

Calendar views

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

In the month view, dates that have calendar entries are marked with a small triangle in the right bottom corner. In the week view, memos and anniversaries are placed before 8 o'clock. Press * to switch between the month view, the week view, and the day view.

Icons in the day and week views: **Memo** and **Anniversary**. There is no icon for **Meeting**.

Press # to jump to today. To go to a certain date, select **Options** > **Go to date**, write the date, and select **OK**.

Delete calendar entries

Deleting past entries in **Calendar** saves space in your device memory.

To remove more than one event at a time, go to the month view, and select **Options** > **Delete entry** and one of the following:

Before date—Deletes all calendar entries that take place before a certain date you define.

All entries—Deletes all calendar entries.

Calendar settings

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

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Web

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.

Shortcut: To start a connection, press and hold **0** in the standby mode.

Access the Web

- Save the settings that are needed to access the Web page that you want to use. See 'Receive browser settings', p. 71 or 'Enter the settings manually', p. 71.
- Make a connection to the Web. See 'Make a connection', p. 72.
- Start browsing the pages. See 'Browse', p. 73.
- End the connection to the Web. See 'End a connection', p. 75.

Receive browser settings

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

You may receive Web service settings in a special text message from the network operator or service provider that offers the Web page. See 'Data and settings', p. 57. For more information, contact your network operator or service provider.

Enter the settings manually

Follow the instructions given to you by your service provider.

1. Press , select **Tools** > **Settings** > **Connection** > **Access points**, and define the settings for an access point. See 'Connection settings', p. 96.
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.
3. To set the created access point as the default access point in **Web**, select **Web** > **Options** > **Settings** > **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.

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.

Icons in the bookmark view:

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.

(If available) Folder that contains bookmarks for downloading content.

Add 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.

Send bookmarks

Scroll to a bookmark, and select **Options** > **Send** > **Via text message**. Press to send. It is possible to send more than one bookmark at the same time.

Make a connection

After you store all the required connection settings, you can access the pages.

1 Select a bookmark or enter the address in the field ( ). When you enter the address, previously visited bookmarks are shown above the field. Press to select a matching bookmark.
2 Press to start to download the page.

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Connection security

If the security indicator 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 'Certificate management', p. 100.

Browse

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

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

To open a link, to check boxes, and make selections, press ◉.

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

To go to the previous page while browsing, select **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**.

Tip! To access the bookmarks view while browsing, press and hold ◉. To return to the browser view, select **Options** > **Back to page**.

To save a page while browsing, select **Options** > **Advanced options** > **Save page**. You can save pages to the device memory or memory card (if inserted), 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 files that cannot be shown on the browser page, such as ringing tones, images, operator logos, themes, and video clips. Downloaded items are handled by the respective applications in your device, for example, a downloaded image is saved in **Gallery**.

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

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

Tip! Your browser collects bookmarks automatically while you browse Web pages. The bookmarks are stored to the automatic bookmarks folder ( ) and automatically organised according to domain. See also 'Web settings', p. 75.

View saved pages

If you regularly browse pages containing information that 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 ( ).

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** > **Navigation options** > **Reload**. The device stays online after you reload the page.

Download and purchase 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 device, for example, a downloaded photo can be saved in **Gallery**.

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

1 To download the item, scroll to the link, and press .
2 Select the appropriate option to purchase the item, for example, "Buy".
3 Carefully read all the information provided.
To continue the download, select **Accept**. To cancel the download, select **Cancel**.

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

End a connection

Select **Options** > **Advanced options** > **Disconnect** to end the connection and view the browser page offline, or **Options** > **Exit** to end the connection and close the browser.

Empty the cache

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

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 are stored in the cache. To empty the cache, select **Options** > **Advanced options** > **Clear cache**.

Web settings

Select **Options** > **Settings** and from the following:

Access point—To change the default access point, press ◉ to open a list of available access points. See 'Connection settings', p. 96.

Show images—To select if you want to load images while browsing. If you select **No**, to load images later during browsing, select **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**.

Homepage—To define the home page.

Search page—To define a Web page that is downloaded when you select **Options** > **Navigation options** > **Open search page** in the bookmarks view, or when browsing.

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

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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.

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

Java/ECMA script—To enable or disable the use of scripts.

Security warnings—To hide or show security notifications.

Serial no. sending—To enable or disable serial number sending. Some service providers may require that you enable this function before Web browsing is possible.

Conf. DTMF sending—Choose whether you want to confirm before the device sends DTMF tones during a voice call. See also 'Options during a call', p. 24.

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My own

Games

Press , and select **My own** and a game. For instructions on how to play the game, select **Options** > **Help**.

Music player

Press , and select **My own** > **Music**. With the music player, you can play music files and create and listen to playlists.

Shortcut: To start music player press in the standby mode.

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

To view songs sorted by their album or artist, select **Albums** or **Artists**. The album and artist information is collected from the ID3 tags of the song files, if available.

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

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

Play music

To play music, select **All songs**, **Playlists**, **Artists**, **Albums**, or **Recently added** and a song. The selected song and other songs in the view start to play.

To change between play and pause, press the scroll key. To fast forward in a song, press and hold . To rewind, press and hold .

To adjust the volume, press or . To start playing the next or previous song, press or .

To select between random play and normal play mode, select **Options** > **Shuffle**. To choose whether playing stops at the end of the playlist or restarts from the beginning of the playlist, select **Options** > **Repeat**.

To search for songs in a song list, press the number keys to enter letters in the search box.

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To select several songs for playlists or deletion, press and hold while you press or .

To delete songs, select them, and press . Deleting a song removes it permanently from the memory card.

Playlists

The music player supports .m3u simple playlists. Copy playlists with music files, or create them in the music player.

To add songs, albums, or artists to a playlist, select the items and **Options** > **Add to a playlist**. You can create a new playlist or add to an existing one.

To listen to a playlist, select **Playlists** and a playlist.

To delete a playlist, scroll to it, and press . Deleting a playlist only deletes the playlist, not the music files.

Go to—add shortcuts

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

To store shortcuts (links to your favourite images, notes, bookmarks, and so on), press , and select **My own** > **Go to**. Shortcuts are added only from the individual applications. Not all applications have this function.

1 Select an item from an application to which you want to add a shortcut.
2 Select **Options** > **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**.

Delete a shortcut

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

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

IM—instant messaging (chat)

Press , and select **My own** > **IM**.

Instant messaging (network service) 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 after you register to an IM service.

Select **Conversations** to start or continue a conversation with an IM user; **IM contacts** to create, edit, or view the online status of your IM contacts; **IM groups** to start or continue a group conversation with multiple IM users; or **Recorded chats** to view a previous instant messaging session that you have saved.

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

Receive 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 from the network operator or service provider that offers the IM service. See 'Data and settings', p. 57. You can also enter the settings manually. See 'Chat server settings', p. 81.

Connect to an IM server

Tip: To log in automatically when you start **IM**, select **Options** > **Settings** > **Server settings** > **IM login type** > **On app. start-up**.

1 Open **IM** to have your device connect to the IM server in use. To change the IM server in use and save new IM servers, see 'Chat server settings', p. 81.

2 Enter your user ID and password, and press ◉ to log in. You obtain the user ID and password for the 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**.

Modify your IM settings

Select **Options** > **Settings** > **IM settings** and from the following:

Use screen name (shown only if IM groups are supported by the server)—To enter a nickname, 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.

Msg. scrolling 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**.

Search for IM groups and users

To search for groups, in the **IM groups** view, select **Options** > **Search**. You can search by **Group name**, **Topic**, and **Members** (user ID).

To search for users, in the **IM contacts** view, select **Options** > **New IM contact** > **Search from server**. You can search by **User's name**, **User ID**, **Phone number**, and **E-mail address**.

Join and leave an IM group

To join an IM group that you have saved, scroll to the group, and press ⊙.

To join an IM group not on the list, but for which you know the group ID, select **Options** > **Join new group**. Enter the group ID, and press ⊙.

To leave the IM group, select **Options** > **Leave IM group**.

Chat

After you join 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 a 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 **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 the desired option.

Record chats

To record to a file the messages that are exchanged during a conversation or while you are joined in a IM group, select **Options** > **Record chat**, enter a name for the conversation file, and press ⊙. To stop recording, select **Options** > **Stop recording**.

The recorded conversation files are automatically saved in **Recorded chats**.

To view the recorded chats, in the main view, select **Recorded chats**, select the conversation, and press ⊙.

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