Application Memory Card guide

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FOR YOUR SAFETY Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this manual.

ROAD SAFETY COMES FIRST Do not use the communicator while driving; park the vehicle first.

INTERFERENCE All wireless phones may get interference which could affect performance.

SWITCH OFF IN HOSPITALS Follow any regulations or rules. Switch off the phone near medical equipment.

SWITCH OFF IN AIRCRAFT Wireless phones can cause interference. Using them on aircraft is illegal.

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

SWITCH OFF NEAR BLASTING Do not use the phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

USE SENSIBLY Use only in the normal position (to ear). Do not touch the antenna unnecessarily.

USE QUALIFIED SERVICE Only qualified service personnel must install or repair equipment.

ACCESSORIES AND BATTERIES Use only approved accessories and batteries. Do not connect incompatible products.

MAKING CALLS VIA THE PHONE Close the cover and ensure the phone is switched on and in service. Enter the phone number, including the area code, then press . To end a call press . To answer a call press .

EMERGENCY CALLS Close the device cover. Ensure the phone is switched on and in service. Hold for several seconds, to clear the display. Enter the emergency number, then press . Give your location. Do not end the call until told to do so.

MAKE BACKUP COPIES Remember to make backup copies of all important data.

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

INFRARED PRECAUTIONS Do not point the IR beam at anyone's eye or allow it to interfere with other IR devices.

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1. Introduction

This Application Memory Card guide includes information on the Application Memory Card for Nokia 9110 and 9110i communicators. On the memory card there are three pre-installed applications: WAP services, Find, and Quick imaging.

This Application Memory Card guide includes information on:

- inserting and using the application memory card,
- installing new applications to your communicator and on the memory card, and
- information on how to use the new applications: WAP services, Find, and Quick imaging.

You can find these applications on the memory card and on the CD-ROM.

WARNING! Do not try to format the extra application memory card as this will destroy all data, including the pre-installed applications, on your memory card.

To insert the memory card

First follow these steps to insert the memory card into the communicator:

1. Close the device cover and make sure that the phone is switched off. If it is on, press ⏻.
2. Remove the communicator battery (if there is an existing card, ensure all memory card applications are closed from the communicator interface before removal).
3. Open the hatch at the back of the communicator: carefully open the lid by easing it up from the ridges on both sides.
4. Insert card into the slot with label facing up and bevelled corner as shown in figure 1. Make sure that the gold contacts of the card are facing down.

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5 Close the hatch and replace the battery.

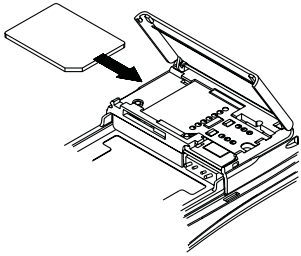

Figure 1

IMPORTANT! Keep all memory cards out of small children's reach.

Make sure that the hatch is closed before replacing the battery!

Do not remove the memory card in the middle of an operation. Be sure to close all memory card applications before removing the card.

If you are installing an application to the memory card and you need to reboot the communicator, do not remove the card until the reboot is complete. Otherwise the application files may be lost.

If you have an application on both the memory card and the communicator, the one in the communicator is used.

Extra memory for storing your data

When a memory card is inserted in the communicator, the contents of the card are marked with the memory card icon in the corresponding applications. To view the amount of available memory on the card, select Memory in the System application and then **Memory card**, see figure 2.

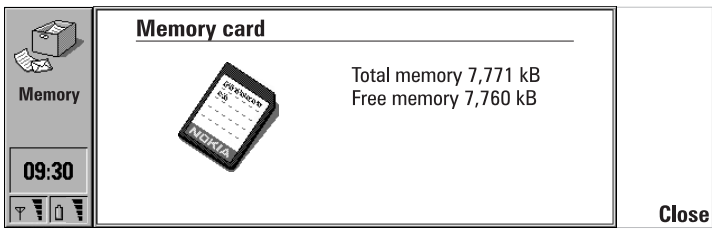

Figure 2

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You can find WAP services under the Internet application. See figure 3. Find and Quick imaging applications can be found under the System application.

To view files stored on the memory card, select **Open** in the Notes application. Press the Menu button to create a new folder, or to copy or move files between the communicator and the memory card.

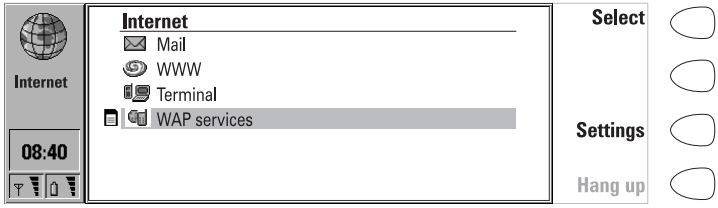

Figure 3

To create a new contacts database on your memory card, press the Menu button in the Contacts application and select *New contacts database*. See figure 4. To copy and move contacts to and from the new database, press the Menu button again. To view the contacts database, press **Open** in the Contacts application; you can then go to the Telephone application and make a call.

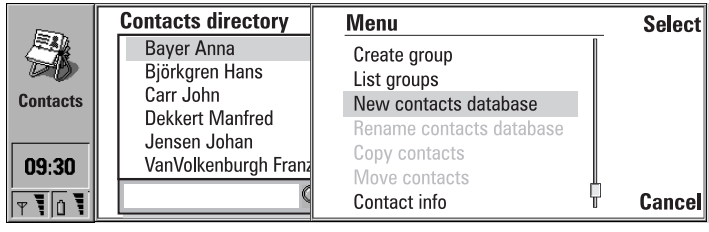

Figure 4

To copy a sound file to the memory card, press the Menu button in the Voice recorder main view. See figure 5. You may play a WAV sound file stored on

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your memory card by selecting Voice recorder in the Extras application.

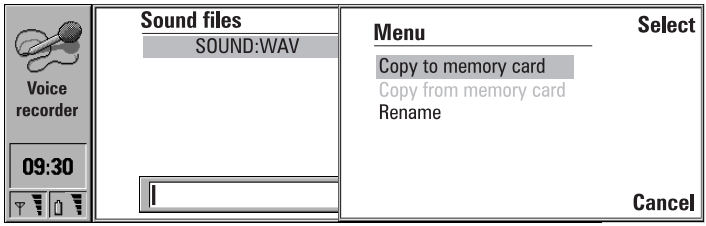

Figure 5

To install new applications directly on the memory card

You may wish to install applications on the memory card to save memory space in the communicator.

Note: It is highly recommended that you install the WAP services application on the memory card and not into the memory of the communicator.

The WAP services, Find, and Quick imaging applications can be found on the CD-ROM under the directory d:\\9110_sw (substitute "d" with the letter of your CD drive).

If you need to re-install, for example, WAP services, or if you want to install new applications onto the memory card, follow either of these two steps:

- Connect the communicator to your PC with the PC Suite for Nokia 9110 Communicator program. Then click on the Install/Remove icon and select Memory card as Install Location. Proceed to install software.
- Connect the communicator to your PC with the Nokia Communicator Server Software. Select Install/Remove software in the System application of your communicator. Select **Settings** to define the appropriate *Connection type* and set *Destination* to *Memory card*. Proceed to install software.

The software appears after installation in either the Internet, System or Extras application, depending on the original software developer.

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To backup and restore data using the memory card

To make backups of various communicator data to the card, select Backup/ Restore in the System application and choose **Settings** to change the *Connection type* to *Memory card*.

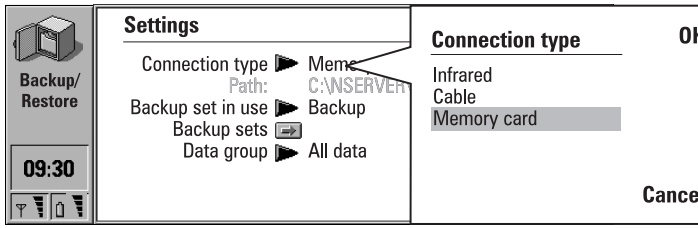

Figure 6

Proceed by selecting **Backup**.

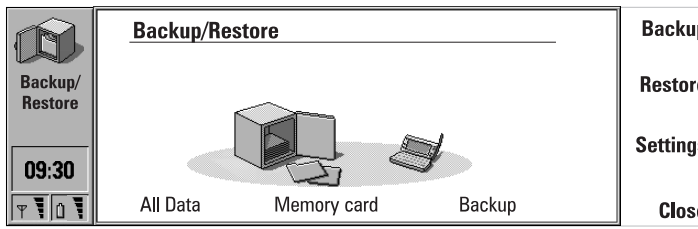

Figure 7

To make backups of the data on your memory card to your PC, use the PC Suite for Nokia 9110 Communicator program. Click on the Backup/Restore icon and ensure that the Memory card box is checked. Proceed to backup.

Note: When restoring, remember to check that *Connection type* is *Memory card*.

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To use the memory card tool

To check that the card is ready for use, select Memory card tool in the System application and press **Check card**. See figure 8.

Note: If you rename your card, the new name has to be in capital letters.

WARNING! Do not try to format the extra application memory card as this will destroy all data, including the pre-installed applications, on your memory card.

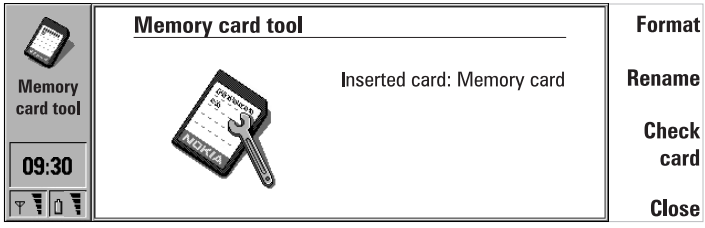

Figure 8

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2. WAP services

The WAP services application can be used to access Internet services which are based on the Wireless Application Protocol (WAP). These services can contain news, weather reports, flight times, dictionaries, etc.

Note: The content of each service depends on the content provider of that service. To use such a service, follow the instructions provided by the content provider.

To obtain access to WAP services, you need:

- to be in a network which supports data calls,
- to have a data service in your SIM card,
- a WAP access point from a WAP service provider, and
- to enter the proper WAP service settings.

Your WAP service provider will give you instructions on how to configure the WAP service settings. Follow the instructions carefully.

To start the WAP services application

- Open the Internet application and scroll down to WAP services, and press **Select**.
- To close the WAP services application press **Close**, see figure 1.
- To disconnect from the WAP services, press **Hang up**. The "Disconnecting" note will be shown on the display and the data call will end.

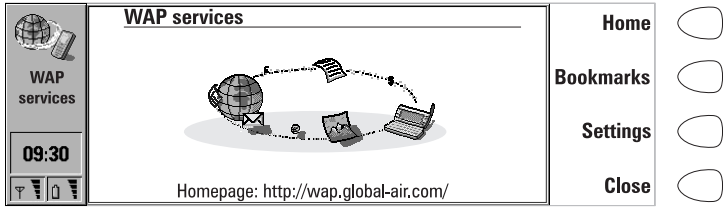

Figure 1

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Differences between the WWW and WAP services applications

The WAP services application is similar to the WWW application in the Nokia 9110 Communicator but there are two significant differences:

- The WAP services application uses a data call to access the WAP access points. However, the WAP access points are not the same as the ones defined in the Internet settings of your communicator. For the WAP services to function, you need to define WAP access points. Go to the WAP services application and select **Settings**.
- Certain WAP services bookmarks can be accessed through a specific access point, for example, banking services may have to be accessed through the bank's own access point. The easiest way to use these kinds of services, is to define an altogether new bookmark which uses the correct WAP access point.

Note: The WAP services application cannot be used at the same time with other applications.

WAP services settings

Before being able to use WAP services, you need to store the required connection settings.

1 Open the Internet application, go to WAP services and press **Select**.

2 When you are in the WAP services main view, select **Settings**.

Information concerning the settings can be obtained from your WAP service provider. Your service provider may be able to send some or all of the required settings to you via a special short message, an Over The Air (OTA) message. After you have accepted these settings, you can start using the WAP services application or you can edit the settings as described below.

To define WAP access points manually

1 Press **Settings** in the WAP services main view.

2 Choose *Access points* and press **Change**.

3 Press **New**. If you have already defined WAP access points, choose the one you want to modify and press **Edit**.

4 Scroll to the setting you want to modify and press **Change**, see figure 2.

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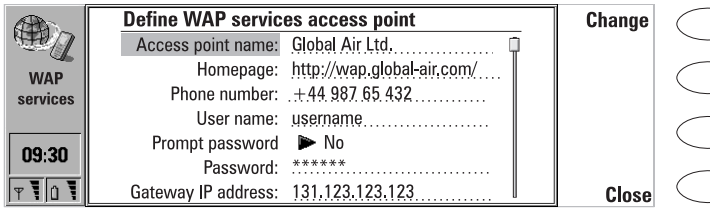

Figure 2

The WAP access point settings are:

Access point name — You can give the access point any name you prefer (max. 30 characters), for example the name of your WAP service provider, so that you are able to separate different access points from each other.

Homepage — Write the homepage address to this field. Remember to include all the characters in the address given to you by your service provider.

Phone number — The telephone number of the WAP access point.

User name — Enter the user name you have received from your service provider. Filling the user name field may be optional, some services do not require a user name for connection authentication.

Prompt password: Yes/No — Select *No*, if you want your password to be saved. Select *Yes*, if you must enter a new password every time you connect to the service. For example, banking services and other services which need connection security may require you to fill in a password every time you connect to the service.

Password — Enter the password which you have received from your service provider. Filling the password field may be optional, some services do not require a password for connection authentication. Password characters are shown as asterisks (*).

Gateway IP address — Enter the Gateway IP address you have received from your service provider. Only numbers from 0 to 9 and dots (.) are allowed in this field.

Data call type: Analogue/ISDN— You can select a fixed data call type which also effects the data call speed. When ISDN is selected, the data call speed includes only the options 9600 and 14400 b/s. The speed of the data call depends on the service provider.

Data call speed: Autobauding/9600/14400 — Autobauding selects the data call speed automatically. Check which speed your service provider uses. Autobauding is not possible, if ISDN has been selected as the *Data call type*.

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Bookmarks

Press **Bookmarks** in the application main view to open the Bookmarks list. The name of the WAP access point used for connecting to the bookmark is shown next to the bookmark title. See figure 3.

Below the bookmarks list is the address field where you can enter the homepage address of the WAP service page you want to connect to. If you select a bookmark from the list, the address field shows the URL of the bookmark.

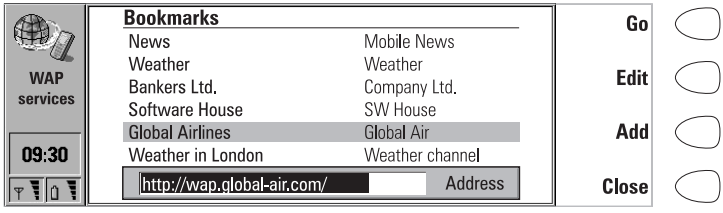

Figure 3

To edit WAP services bookmarks

1. Press **Add** in the Bookmarks view, or if you want to modify an existing bookmark, press **Edit**. The Edit bookmark view opens. See figure 4.
2. Enter the name you want for the bookmark in the *Name* field.
3. Enter the URL address which you have received from your service provider in the *Address* field.
4. Enter your username and password which you have received from your service provider, to the *User name* and *Password* fields.
5. If you want to use some other WAP access point than the Default access point defined in the settings, select *Access points* and press **Change**.
6. Select the access point you want and press **OK**.
7. Press **Close** to return to the Bookmarks view.

Figure 4

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Note: Maximum of 50 bookmarks can be stored at one time.

To connect to WAP services

After you have set a valid WAP access point, you can start using the WAP services by pressing **Home** in the main view of the WAP services application. See figure 1. You will get a "Connecting to service" note, telling you about the progress of the connection.

Note: Depending on the network configuration and load, establishing a connection may take up to one minute or even longer.

To fetch items with a page already open

You can fetch another page even if you have a page already open:

1 Press the Menu button and select *Bookmarks*. The Bookmarks view opens. Select an entry in the Bookmarks list or enter the URL in the address field.

2 Press **Go**.

3 To close the Bookmarks list, press **Close**.

Note: If you select a bookmark which uses a different access point than the page which is already open, you will receive a note asking you to either reconnect to another access point or to cancel the operation.

To use the Menu button

When you have a page open and you press the Menu button the following options become available:

Home — fetches the homepage of the active access point.

Actions — includes the additional options provided by the WAP service provider.

Add to bookmarks — adds the address of the page to your bookmarks list. The current WAP access point will be saved as the access point for the bookmark.

Bookmarks — opens the bookmark list where you can select a new page to be fetched.

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Save as document — saves the page content to the Downloaded files folder.

Reload — reloads the current address from the network. You will have to start browsing the pages from the beginning.

Back — opens the previous page if available.

Clear cache— Empties the browser cache, all temporary files, and cookies.

About — Shows general information about the browser.

To navigate WAP services

1 To establish a connection, press **Home** or scroll to a bookmark in the Bookmarks list and press **Go**.

> **Note:** Some servers have access restrictions that require a valid user name and password. In this case, you will be asked to enter the user name and password before a connection to the service can be established.

2 When the page is being fetched, the display will show the status of the connection, the title of the page, and how many bytes of the page have been received. See figure 5.

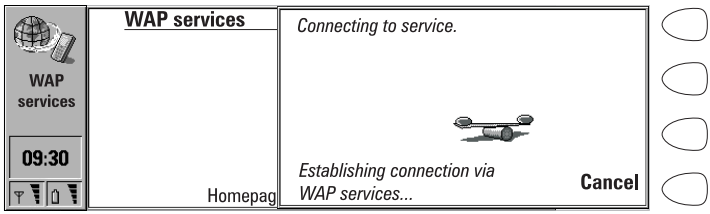

Figure 5

When an open WAP service page is on the display, use the arrow keys to scroll the view and to choose hyperlinks and hotspots.

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To use the navigation commands

WAP service pages have different commands. Here are some of the possible commands which may become available while browsing:

Go — Select an active link and press **Go** to open a new WAP service page.

Back — If you have browsed through at least two pages, **Back** allows you to fetch the previous page.

Change — If the selected item is a selection list, press **Change** to open it.

Select — After you have opened a selection list, you can use the **Select** button to select multiple items in the list. Press **OK** to confirm your selection and to return to the service page.

Deselect — Use **Deselect** to remove selections.

Hang up — Disconnects the data call. After you have pressed **Hang up**, it is still possible to press **Back** and view some of the most recent service pages off-line.

Close — Closes the document and returns to the Internet main view.

Cancel — Interrupts the fetch operation or any other action.

Tip: To select the next or previous hyperlink on the page, press the Tab key or Shift+Tab, respectively.

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3. Find

With the Find application you are able to search for different kinds of documents and files which have been saved either in the memory of the communicator or on the memory card. Find application is able to search for:

- Calendar events, To-do list items and Memos,
- contact cards,
- short messages,
- mail messages,
- notes,
- faxes,
- tones (tunes and .WAV files),
- images (.GIF, .JPEG and .UPF files),
- WWW bookmarks, and
- folder names.

The Find application searches for specific words occurring in document names or in the contents of a file. You can also search for certain types of documents without any specific search words. The Find application allows you to set different search criteria to make the search more specific. It is also possible to save your search criteria and results.

To start the Find application

1 Press the System application button.

2 Scroll to the Find application and press **Select**.

Search criteria

Use the arrow keys to move from one field to another. You can modify the search settings by pressing **Change**. Limiting your search to just a few criteria may make searching quicker but does not necessarily offer the best results.

To change the data type

1 Press **Change**. A pop-up box opens, listing the available fields: *Calendar event*, *Calendar memo*, *Contact*, *SMS*, *Mail*, *Note*, *Fax*, *Tone*, *Image*, *URL*, and *Folder* (see figure 1). Find application will search through your own texts as well as texts you have received as short messages, faxes, or e-mail.

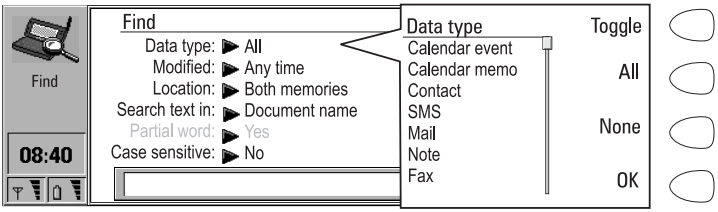

Figure 1

2 Use the arrow keys to scroll to the data type you want to remove from the selection and press **Toggle**.

> **Note:** To allow for the widest possible search, the default setting is that all data types are selected. To remove the selection, press **None**. To return to the default setting, press **All**.

3 Press **OK** to close the window.

> **Note:** If the **OK** button is dimmed, you have not chosen any items. Select an item or press **All** and then press **OK**.

You can go through the rest of the settings in the similar way.

Modified — allows you to search for files or documents which have been created at a certain time or within a certain time limit. The available options are: *Any time*, *Today*, *Yesterday*, *Last week*, *Last month*, *Tomorrow*, *Next week*, *Next month*, and *Other*. *Other* lets you define your own time limit. Fill in the *from* and *to* fields.

> **Note:** When you use *Other*, the date format should be *dd.mm.yy*. Otherwise the search result is not reliable. You can change the date format in the System application, select **Settings**, *Preferences*.

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Location — allows you to choose whether you want to search for the document or file from the communicator's memory, from the memory card, or both memories.

Search text in — you can search for text which appears in the *Document name*, *Document content*, *Document name or content*, or *Document name and content*. The most restricting search criterion is the last, *Document name and content*. If you choose this criteria, the text you are searching for must appear in both the document's name and in its content.

Partial word — allows you to search for partial words. Options are: *Yes*/*No*. For example, if you search for the word communicator and you have selected *Yes*, writing 'communic' will find the word 'communicator' as well as the word 'communication'.

Case sensitive — If it is important to your search whether the word has been written with upper or lower case lettering, select *Yes* for this option. This way you can make your search case sensitive and Find application will search for the exact match to what you have written.

Note: When you open the Find application for the first time, you can see the default settings. You can always return to these settings by pressing **Clear** in the settings view.

Note: All options are not available for all the different data types. For example, you cannot choose the *Location* where you want to search for *Calendar events*, because they can be stored only in the communicator's memory.

To search for a document

After you have defined the settings, scroll to the bottom of the screen with the arrow keys. After the last settings the cursor is moved to the search field.

1 Write the text you want to search for and press **Search**.

2 Find application begins the search.

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Documents found view

After the search has been completed you can see the documents in the *Documents found* view, see figure 2. You have three options:

Press **Open** to open the file or document. The button is dimmed, if it is not possible to open that file in the Find application.

Press **Details** to view more information about the search result, for example, *Name*, *Type*, *Directory*, *Creation date*, *Modification date*, and *Size*.

Press **Print**, if you want to print the list of documents found via an infrared connection or a cable connection.

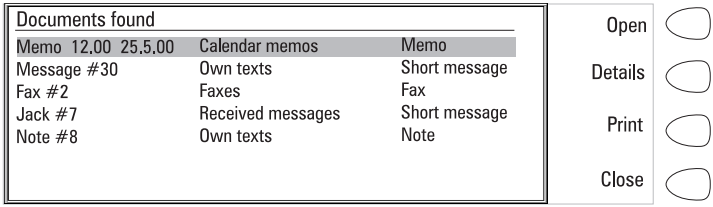

Figure 2

To save search results

When you press the Menu button in the Documents found view, the following options are opened (see figure 3):

Save search result — allows you to save the search result to be used later in the Find application. Press **Select** and give the document a name.

Save search result as text — saves the search result as a note which can be viewed in the Notes application. Press **Select** and give the file a name.

Load search result — If you have already stored search results, you can open them by selecting this option. This option is also available when you press the Menu button in the Find application main view.

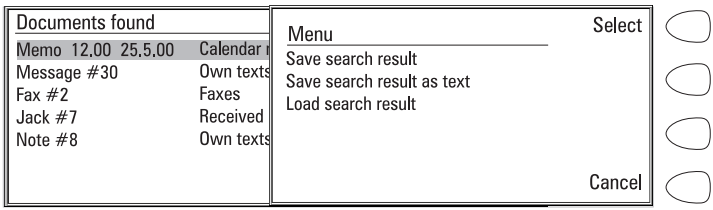

Figure 3

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To use the Menu button

When you press the menu button in the Find application main view, the following options appear:

Save search criteria — allows you to save your search criteria for later use in the Find application. Find application creates a Search criteria folder in the Own texts folder. This means that the search criteria can be opened from other applications such as Fax, SMS, Mail and Notes.

Load search criteria — allows you to open the Search criteria view where you can see the search criteria which have been saved earlier.

Load search result — allows you to open previously stored search results. This option is also available when you press the Menu button in the Documents found view.

About — shows you general information about the Find application.

To save the search criteria

You can save the search criteria you have used for further use in the Find application.

1 Press the Menu button in the Find application main view.

2 Select *Save search criteria*. The Enter document name view opens.

3 Give the criteria a name.

To load previously saved search criteria

1 Press the Menu button in the Find application main view.

2 Scroll to *Load search criteria* and press **Select**.

3 Select the search criteria you want to use and press **Open**.

In the search criteria view you can also manage your search criteria. Press **Rename** to give your search criteria a new name. Press **Delete** to remove the criteria. **Close** takes you back to the main view.

4 Press **Search** to start a new search based on these criteria.

Tip: When you save your search criteria or your search results, the Find application creates Search criteria and Search results folders in the Own texts folder. You can open these when you are in other applications and the Find application will launch automatically.

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4. Quick imaging

The Quick imaging application allows you to receive images from a digital camera via an infrared connection and send them as mail attachments. It is also possible to receive images from another communicator, a scanner or a PC, provided that they support the IrTran-P protocol.

To define settings

1 Press **Settings** in the Quick imaging application main view.

2 Press **Change**, if you want to change the settings. See figure 1.

Convert to JPEG — When this selection is set to *Yes*, the UPF images received from a digital camera are automatically converted and saved in a more widely supported JPEG format.

Use memory card — When this selection is set to *Yes*, the received images are saved to the memory card. If you select *No*, images are saved in the Notes application under the Downloaded files folder.

3 Press **Close** to return back to the main view.

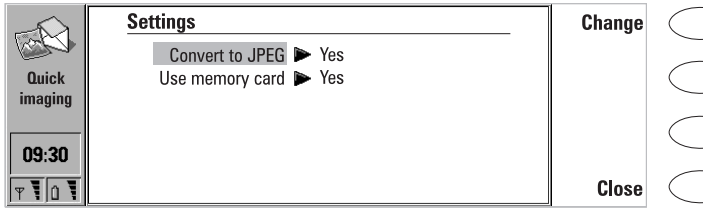

Figure 1

To send images

1 Select the image or images you want to send from the digital camera.

2 Make sure that the infrared port of the communicator faces the infrared port of the camera.

3 Activate the digital camera to send the selected images.

4 To receive images to the communicator, press **Receive**. See figure 2.

Or,

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To receive images and send them as mail attachments, press **Receive to mail**.

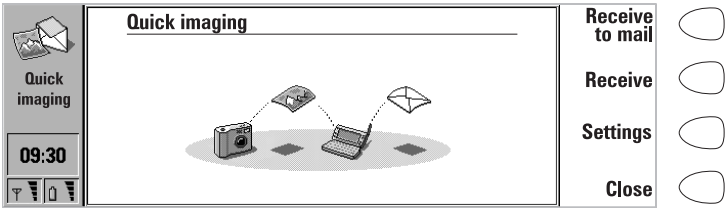

Figure 2

Images will be saved either to the communicator Downloaded files folder, or on the memory card, depending on what you have defined in the settings.

5 If you pressed **Receive to mail**, the mail editor is automatically opened and you can write a mail message. Press **Send** to open the mail envelope view. If you want to return back to the Quick imaging main view, press **Close**.

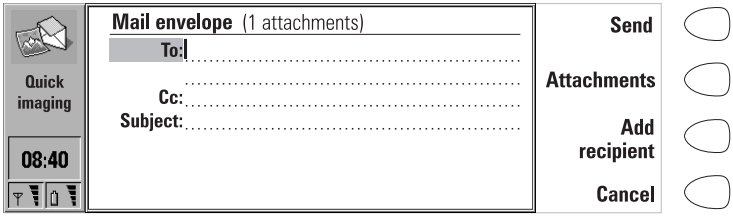

Figure 3

6 Enter the recipient's address manually or press **Add recipient** to select a contact from the contacts directory.

7 You can check, remove and add images and other attachments by pressing **Attachments**. See figure 3.

8 Press **Send** in the mail envelope view to send the mail.

For further information on how to use the Mail application, see the communicator User's manual.

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Troubleshooting

1. A connection cannot be established between the digital camera and the communicator.

Make sure that the digital camera supports the IrTran-P protocol. You can verify this from the manual of your digital camera.

Check that the infrared ports of the camera and the communicator face each other and that the link is unobstructed.

Check that you have activated both devices, the camera to send and the communicator to receive images.

2. Images have been received but cannot be found.

Check the Quick imaging settings:

If *Use memory card* is set to *Yes*, you can find the images in the Notes application in the memory card folder.

If *Use memory card* is set to *No*, you can find the images in the Notes application in the Downloaded files folder.

3. The recipient is unable to open UPF attachments

The recipient's device probably does not support the UPF format. Try setting *Convert to JPEG* to *Yes* in the Quick imaging settings view, as JPEG is a more widely supported image format.

4. How to convert UPF pictures to JPEG format after they have been received to the communicator?

You can convert images between UPF and JPEG formats in the Digital camera connectivity application, which can be found in the System application. Press the Menu button in the Image list view and select *Convert to JPEG*.

5. There is not enough memory to send images as mail attachments

Sending many or very large images at once via mail requires a lot of free memory. It is recommended that you set *Use memory card* to *Yes*. To free memory from your communicator, delete unnecessary documents or move documents to the memory card, or use the PC Suite to move documents from your communicator to a PC.

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5. Care and maintenance

Your Nokia 9110i Communicator is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfil any warranty obligations and to enjoy this product for many years.

When using your communicator, battery, charger OR any accessory:

Keep it and all its parts and accessories out of small children's reach.

Keep it dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.

Do not use or store it in dusty, dirty areas. Its moving parts can be damaged.

Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

Do not store it in cold areas. When the communicator warms up (to its normal temperature), moisture can form inside the communicator, which may damage electronic circuit boards.

Do not attempt to open it. Non-expert handling of the device may damage it.

Do not drop, knock or shake it. Rough handling can break internal circuit boards.

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

Do not paint it. Paint can clog the device's moving parts and prevent proper operation.

Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications or attachments could damage the communicator and may violate regulations governing radio devices.

If the communicator, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you and, if necessary, arrange for service.

Important

The data on the memory card does not have password protection. When the system is locked, the memory card data can not be accessed until the lock code of the communicator is entered (see the User's manual). If the card is removed from your communicator and used in another device, the data can be read by any user. As with computer floppy disks, take care of sensitive information.

Keep all memory cards out of small children's reach.

Formatting the card will erase all data. To avoid losing data or damaging your memory card:

1. Do not remove the battery from the communicator in the middle of a memory card operation (see the User's manual for more information).
2. Be sure to close all memory card applications before removing the battery.
3. Do not bend the card.
4. Do not use or store the product in high temperatures, direct sunlight or high humidity. Avoid conditions that will cause condensation on the card.
5. Keep the card away from corrosive materials.
6. Avoid touching the electrical contact area of the card.
7. Do not insert the memory card to another device such as a digital camera as this may cause loss of data.

When not in use, return the card to the carrying case. Keep the card out of direct sunlight.

When the battery is empty, the communicator will shut down. Before this happens a low battery warning is given on the communicator display. If the shutdown happens during a data transfer operation, the system will attempt to close all files. If a file is in the process of being transferred, then the complete file may not be transferred in full. It is recommended for correct memory card operation that you charge a low battery before use.

Important! See the communicator User's manual for more information on safety.

Specifications

Type: (MultiMediaCard) memory card

Operating voltage: 3V

Operating conditions: -10° to +65° C, < 95% humidity non-condensing

Dimensions: (L x W x H) approximately 32 x 24 x 1.4 mm

Weight: approximately 1.5 g

Nokia reserves the right to change specifications based upon the principle of continuous product development.

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Warranty

Nokia warrants the memory card to be free from defects in materials and workmanship under normal use for a period of twelve (12) months from the date of delivery to you as evidenced by a copy of your receipt. This warranty is limited to the original purchaser and is not transferable.

ANY SOFTWARE APPLICATIONS INCORPORATED IN THE MEMORY CARD ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW NEITHER NOKIA, ITS LICENSORS OR AFFILIATES NOR THE COPYRIGHT HOLDERS MAKE ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR THAT THE SOFTWARE APPLICATIONS WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. THERE IS NO WARRANTY BY NOKIA OR BY ANY OTHER PARTY THAT THE FUNCTIONS CONTAINED IN THE SOFTWARE APPLICATION WILL MEET YOUR REQUIREMENTS OR THAT THE OPERATION OF THE SOFTWARE APPLICATION WILL BE UNINTERRUPTED OR ERROR-FREE.

This limited warranty is void if failure of the card has resulted from accident, abuse or misapplication.

During the twelve (12) months' warranty period Nokia will replace the memory card not meeting the foregoing warranty and which is returned to Nokia or an authorised Nokia reseller with a copy of your receipt. If Nokia or Nokia's authorised reseller is unable to deliver a replacement card, which is free from defects in material and workmanship, you may terminate this agreement by returning the memory card and your money will be refunded.

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Glossary

C **Cache**

Cache is a buffer memory which is used in browsers for storing the most commonly used data temporarily. Using a cache speeds up access to the data.

Cookies

Cookies are little pieces of information, given by the server to you, to store information about your visits to a web site. When you accept cookies, the server is able to evaluate your use of the web site; what you are interested in, what you want to read, etc.

H **Hotspot**

A WAP service page may contain hotspots, such as selection lists, text entry fields, and reset/submit buttons, which enable you to input information into the Internet.

Hyperlink

Hyperlinks are used to move from one WWW page to another.

O **OTA message**

Your service provider may be able to send you the settings for different applications in an Over The Air (OTA) message, for example, the settings for the WAP services application. The OTA messages are special short messages which enable your service provider to automatically send you the setting for the connection.

U **URL (Uniform Resource Locator)**

Address information required by the WAP services application to connect to a given service. The URL usually starts with *http://*, for example, the Mobile Club Nokia homepage can be found at *http://mobile.club.nokia.com*. URLs are often referred to with phrases like "Home page location," "Site location," "can be found at..."

W **WAP**

The Wireless Application Protocol (WAP) has been developed so that users could get access to the Internet by using small hand held devices such as mobile phones. The Wireless Application Protocol services use the Wireless Markup Language (WML) language which is similar to Hypertext Markup Language (HTML) used for the Internet and World Wide Web (WWW).

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WAP access point

The point where your communicator connects to the WAP service by way of a data call. WAP service access point can be provided, for example, by a network operator or a WAP service provider. Certain services can be accessed through their own access point.

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