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Nokia 7110

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Quick Guide to Using the Nokia 7110 with an Infrared Data Connection in Psion 5

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1. PSION 5 CONFIGURATION

If Psion Message Suite is not installed on your device, please download it from www.psion.com and follow the installation instructions given there. Message Suite is an integrated set of applications which provides email, fax and web-browsing capabilities for the Psion Computers Series 5 handheld computer. This guide is for Message Suite version 1.52. After successful installation of Psion Message Suite you can proceed with the Nokia 7110 specific steps listed below:

1.1 General Rules About Infrared in the Nokia 7110

When you are making a connection (call) first activate the infrared reception in the Nokia 7110 by pressing Menu and clicking the up button once and then clicking "Select"; then you can start the dialing procedure in the Psion. The infrared connection is released when the call is ended.

1.2 Psion 5 Modem Configuration

1. Select *Control Panel*
2. Select *Modems*
3. Select *New*
4. Type Name: Nokia 7110
5. Speed: 57600 (if you encounter problems in establishing connection between your Psion 5 and Nokia phone please try lower speed)
6. Connect via: Infrared
7. Fax class: Auto
8. Goto to Initialisation leaflet and set *Init. (reset) string: AT&F&K4* (don't put anything here if you wish to use "Receive fax immediately" in the Email program)
9. *Data init. string _____* (if you wish to use HSCSD then put I e AT+CBST=16 for 28.8 Kbps modem connection but don't put anything if you want to get only 9.6 Kbps)
10. Go to Advanced leaflet and set *Flow control: Hardware (RTS/CTS)* Except if you send email with attachments, then use *Software*
11. *Terminal detect (DSR/DTR)*
12. In Advanced leaflet check that the *Carrier detect (DCD)* is not checked
13. Modem type *Mobile*
14. Click OK.
15. Current modem: Nokia 7110 – click OK

1.3 Psion 5 Dial-up Connection Configuration

1. Select *Control Panel*
2. Select *Internet*
3. Select New
4. Select Based Upon: *Standard settings.* –Press *OK*
5. The "New Internet Service" window should appear on the Psion screen.
6. Edit Service
   6.1. Type Name (internet service provider)
   6.2. Connection type: *Dial-Up*
   6.3. Type *Phone Number*
7. Select *Done*
8. Select *OK* from "Internet Service Settings".

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Now you should be ready to start using the Web browser application. If you have already performed the configuration and you would like to edit the connection configuration select Edit instead of New in point number three in the list above.

1.3.1 Making a Dial-up Connection

1. From Extras select Web. If the web browser will not start and Psion tells you that something is wrong in the configuration, follow the instructions given to you on the screen.
2. Lower down on the Web window you will see where you should write the URL you want to visit. After you have written the URL press Enter on the keyboard. A pop-up window Connect to Internet should appear on the screen.
3. Check that the connection settings are correct. The modem is the one that uses the Nokia 7110 and check that the phone number is also correct.
4. Before pressing OK check that the Ir-link is active in your Nokia 7110. If the link is not active, activate it from the Nokia 7110. If the link is active press *OK* in the Psion.

Psion should now be looking up the host address you have chosen. When you want to quit browsing choose *File* from the menu bar and from there *Disconnect from the Network*. After that you can close the Web browser (*file – close*).

1.4 Psion 5 Comms (terminal) Connection Configuration

When you are using only a terminal you will not need to download Message Suite.

1. Press *system*
2. Open *menu – tools – remote link…*
3. Select *off* and press *OK*
4. Press *Extras*
5. Select *Comms*
6. Open *menu – tools – communication settings*
7. Select: Use comms port: *infrared*
8. Select OK.
Now you should see "Online" in the right upper corner.
9. Activate the Ir-link from your Nokia 7110.
10. Type AT and press "Enter". Now you should have an active infrared connection and you can give AT commands.

1.5 Message Suite Configuration

1. Select *Extras*
2. Select *Email*
3. Set your email settings: Menu – Tools - Settings - Email…
4. Set your Fax settings: Menu – Tools – Settings - Fax…

Now you can send and receive email and fax messages.
Create new email or fax
When you have finished your message select "Done (put in outbox)".
1. Open local outbox
2. Select *send*
3. Select *Send faxes* or *Send email*

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2. Send FAX

1. You will see the "connect" dialogue box. Check that the Fax number, Location and Modem (Nokia 7110) are correct.
2. Activate Infrared in the Nokia 7110 phone - This will activate infrared reception
Click OK in the Psion 5 dialogue box.
Now Message Suite will send the fax

3. Send Email

1. You will see the "connect to Internet" dialogue box. Check that the Internet service, Number to dial and Modem are correct.
2. Activate Infrared in the Nokia 7110 phone - This will activate infrared reception.
3. Click OK in the Psion 5
4. Now Message Suite connects to the Internet.