

Produced by

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Using PC Card modems with the Psion Series 5, 5mx and 7

This document describes how to set up the Psion Series 5, 5mx and 7 to use a PC Card modem. This document assumes some basic knowledge of your Psion.

Getting started

If you have a Series 5, you should ensure that you have the latest version of Message Suite (version 1.52). If you have an older version you can download a free upgrade from Psion's web site (www.psim.com). If you are using Message Suite version 1.52 or earlier you will notice some differences between the screens shown in this document and those on your Series 5. However, all the information required is the same. Note that if you have a Series 5mx or 7 the relevant software is built into the machine.

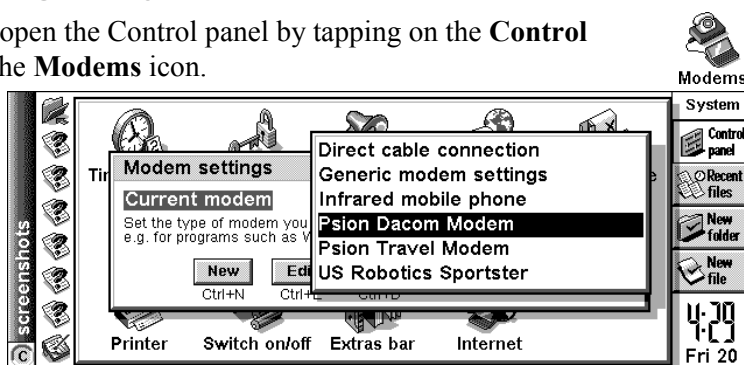
While the Psion Series 7 has a PC Card port built in, if you are using the Series 5 or 5mx you will need the Psion PC Card Modem Adapter. For a more in-depth discussion of what is needed for Internet connectivity and email see the **Modem Connectivity and Communications** support document.

You should ensure that your PC Card modem has been upgraded to the latest version of the firmware and that, if you are using a mobile phone with the modem, it has been upgraded to work with your phone. Contact your modem's manufacturer for both these services.

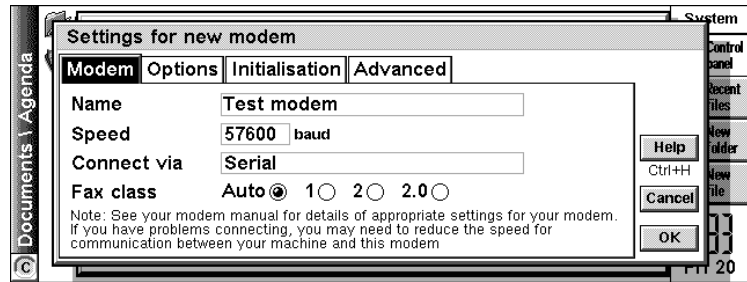
You may also need to have your modem's documentation to hand.

Entering your modem settings on your Psion

1. On the system screen of the Psion, open the Control panel by tapping on the **Control panel** button. Then double-tap on the **Modems** icon.
2. Tap on the name of the **Current modem** to see a list of the available modem types. If your modem is in the list, tap on it to select it then tap the **OK** button. If your modem is not in the list, tap on the **New** button to create a new modem.

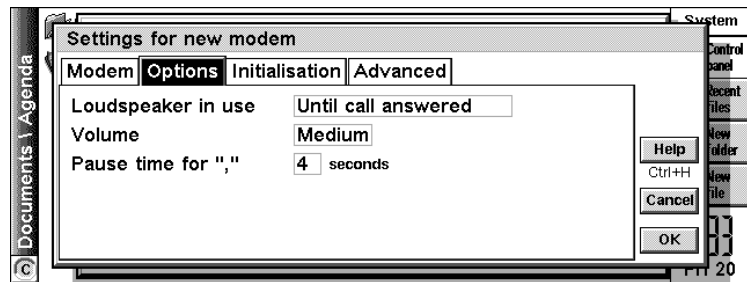


- On the **Modem** page, tap **Name** and type in a name for the modem. Tap the **Speed** line and use ◀ or ▶ to select the speed or baud rate recommended by your modem's documentation. For most recent modems 57600 baud should be selected.

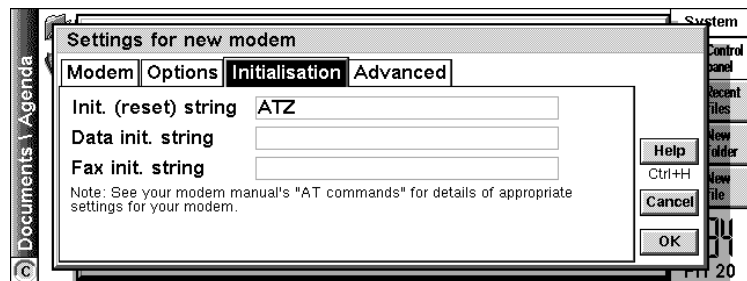


Tap the **Connect via** line and use ◀ or ▶ to select **Serial** (Series 5/5mx) or **PC Card** (Series 7). Tap the **Fax class** line and select **Auto**.

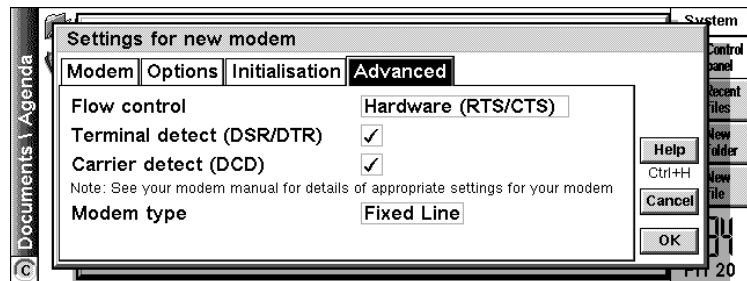
- On the **Options** page you should adjust the **Loudspeaker in use** and **Volume** lines to the settings that are best for you, although the default settings can normally be used. The **Pause time for “,”** should normally be left to its default value.



- On the **Initialisation** page, tap the **Init. (reset) string** line and type in the Initialisation string recommended by your modem's documentation. The default string of **ATZ** should work with most modems. Do the same for the **Data init. string** and **Fax init. string** lines if required. Again, the default, blank, settings should work with most modems.



- On the **Advanced** page, you should use the settings recommended by your modem's documentation. Tap the **Flow control** line and use ◀ or ▶ to select the type of flow control. Tick or untick the **Terminal detect (DSR/DTR)** and **Carrier detect (DCD)**, and set the **Modem type** line to **Fixed line** or **Mobile** as appropriate. Again, the default settings on this page have been chosen to work with most modems.



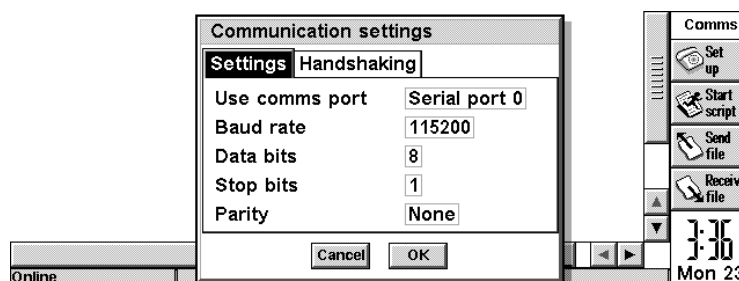
Once you have finished entering the settings, Tap the **OK** button to return to the **Modem settings** dialog and tap the **OK** button to select the new modem.

Testing the settings

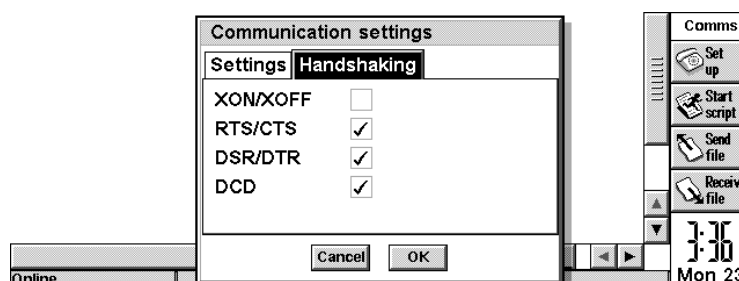
The easiest way to test the settings is to use the Comms application. To do this, you must first switch off the Remote link (Series 5/5mx) or Link to desktop (Series 7). On the System screen, press **Shift + Ctrl + E** or select **Close** then **All files** from the **File** menu to close all open files. Then press **Ctrl + L** or select **Remote link** (Series 5/5mx) or **Link to desktop** (Series 7) from the **Tools** menu. Tap the **Link** line and use **◀** or **▶** to select **Off**. Then tap the **OK** button or press **Enter**.

1. Open the **Comms** application from the **Extras** bar.

2. Tap the **Set up** button. On the **Settings** page, tap the **Use comms port** line and use **◀** or **▶** to select **Serial port 0** (Series 5/5mx) or ********* (Series 7). Use the same method to set the **Baud rate** line to be the same as the speed you selected in Step 3 above.

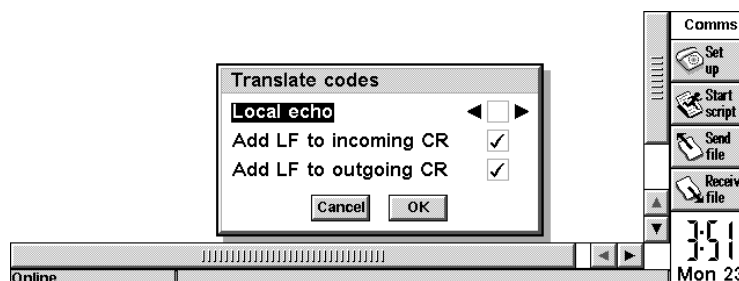


3. On the **Handshaking** page, you will need to tick the boxes corresponding to the options you chose in Step 6 above. If you selected **Hardware (RTS/CTS)** for the **Flow control** then untick **XON/XOFF** and tick **RTS/CTS**. If you selected **Software (XON/XOFF)** then tick **XON/XOFF** and untick **RTS/CTS**. If you selected **None** then untick both **XON/XOFF** and **RTS/CTS**.

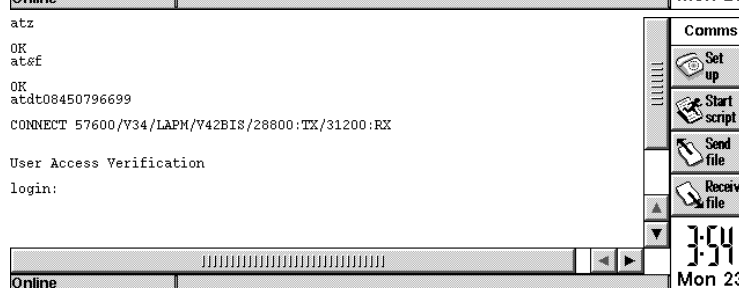


If you selected **Terminal detect (DSR/DTR)** then tick **DSR/DTR**. If you selected **Carrier detect (DCD)** then tick **DCD**. Then tap the **OK** button.

4. Press **Ctrl + Q** or select **Translate codes...** from the **Tools** menu. Ensure that the tick is removed from the **Local echo** line and tap the **OK** button.



5. Type **atz** and press **Enter**. You should see a response of **OK**. Next, type **at&f** and press **Enter**. Again, you should see a response of **OK**. Next, type **atdt** followed by the phone number of your Internet Service Provider (ISP) and press **Enter**.



You should then hear the modem dialling your ISP. If the connection attempt is successful, you should then see some text informing you that you are connected and asking for your account login. The actual text shown here will, however, depend on your ISP.

Interpreting the test

It should be noted that this is not a foolproof method of testing your modem settings. It can, however, indicate certain problems with the settings.

If you try typing **atz** or **at&f** and nothing appears on the screen, it is likely that either the flow control, terminal detect and carrier detect settings need altering or that your modem is not working or is not compatible with the Psion.

If, after typing **atz** or **at&f** and pressing **Enter**, you do not see an **OK** response but instead see odd characters, it is likely that the speed setting is wrong.

If you do not get a response at all after typing **atz** or **at&f** and pressing **Enter** it is probable that there is either something wrong with your modem or the connection to your modem.

In some of these cases you will need to obtain the correct settings for your modem. Check the Psion web site (www.mobile.pSION.com) or your modem manufacturers web site for settings.