

Upgrade your Nokia 9800s to Software version MA 1.2 via RS232 Cable

To do this you will need:

- 1) A serial (RS232) null-modem cable.
- 2) Nokia Serial Server program and MA 1.2 binary file ([sysSW.dll](#)) to upload to the receiver.

You can get a null-modem cable (sometimes called a laplink cable) from most electronics stores. ie Tandy or Dick Smith Electronics. You will need one with a female DB9 connector on one end and either a female DB9 or DB25 on the other. (The cable I use is catalogue number X-2662 from Dick Smith, which has both DB9 and DB25 connectors)

See <http://www.cip.com.au/sat> for instructions on how to obtain the MA 1.2 software.

OK once you have got these:

- 1) Unzip the SerialServer/MA 1.2 binary file into a folder on your PC.
- 2) Make sure that the 9800s is in *standby* mode and if you have a CAM installed that it and any smartcards are removed from the 9800s.
- 3) Plug the null-modem cable into your *COM port* on the PC and the other end into the port marked *Serial* on the back of the 9800s.
- 4) Make sure no other program on the PC uses the COM port you wish to use for the download.
- 5) Run *SerialServer.exe* on the PC
- 6) Decide if you have plugged the cable into port COM1 or COM2 on the PC and press *Options* to set the right port.

Also make sure that the following communication parameters are set in the *control panel - port settings* in Windows:

- bits/second: 19200
- data bits: 8
- stop bits: 1
- parity: none
- flow control: hardware (or maybe none)

- 7) Press *Open Image* and select [sysSW.dll](#) to be downloaded to the box.
- 8) Press *Start Download*.

10) The PC may ask you to turn power off to the 9800s and then back on again to start the download.

9) Wait about 15 minutes until the download is complete.

The front display of the 9800s will indicate what percentage of the download is still remaining. (ie 100 down to 0)

11) Turn the 9800s on and Check the software version. It should now report:

Hardware Version:	1.2
Software Version:	MA1.2
Boot Software version:	104

12) If everything is ok you now have MA 1.2 installed.

13) Now that you have MA 1.2 installed you will need to add satellites in the Asia-Pacific area to the list. For instructions on how to do this see the [sats.pdf](#) file.

PLEASE NOTE: By following these instructions you agree that you do so of your own free will and understand that I take no responsibility if it does not work or your box will not work afterwards. You agree that I shall not be held liable for any damage whatsoever as a result of following the instructions contained in this file.

No portion of this file is endorsed by Nokia and I am unable to help you with other problems you may have with your Nokia receiver or associated equipment.