

HP999: Setting up the drivers for your Matrix Multimedia USB Programmer

Information for setting up the USB drivers for Matrix Multimedia E-blocks programmers and PICmicro Development boards.

This sheet is intended as a quick guide. More detailed documentation can be found in the USB Driver folder of the ELSAM CD. This information is also installed onto your system in the PPP install folder.

Matrix Multimedia products that use PPP as a programming method and require the PPP driver to be installed:

- EB006 Multi-programmer
- HP488 Development Board
- Facet PICmicro Board

1 Do not plug the USB board in yet

Before we plug the board in we need to set up the driver files on your system.

2 Install PPP V3.9 or later

PPP can be found on the ELSAM CD supplied with Matrix Multimedia Hardware, or visit the Matrix Multimedia website for the latest version: <http://www.matrixmultimedia.com>

Run the INSTALL_PPP.EXE in the PPP folder on ELSAM and follow the instructions provided. PPP installs the USB Driver files into the PPP install folder "C:\Program Files\Matrix Multimedia\Common\PPPv3\Driver" by default.

3 Plug in the USB board

Once PPP has been installed, you are ready to connect your board. Plug the USB Board into your PC. Windows will automatically detect the board and start the Hardware Install Wizard. The exact dialogs may differ depending on what operating system you are using, but the general principles are the same.

4 Installing the Driver files

The driver files are installed as part of the PPP install. Once you have installed PPP and plugged in your board the found new hardware wizard will run. Selecting the option "Install automatically" will retrieve the driver files that were installed via PPP. This may take a few minutes to complete depending on the version of Windows you are using and how many driver files windows has to search through. Once this has been completed the board will function correctly in that USB port of your PC. If you are plugging the board into another USB port then you will have to repeat this process to reassign the driver files.

5 Test the board

Once you have installed the drivers you will need to test them to ensure the board is working correctly. Open PPP and go to the OPTIONS item in the OPTIONS menu. Click on Autodetect in the Development Board version panel.

The board should be autodetected as- USB: E-blocks / Version 3+

Next go to HELP, ABOUT. The Help, About dialog lists the Firmware version. Check that the board is firmware version 7 or later.

The board should now be functioning and ready to download programs.

Information correct at time of production June 2008.

For further information please see the documentation in the PPP install folder.

For technical support and product updates, please visit the support section of our website at: <http://www.matrixmultimedia.com>

