Mx.Shift

User's Guide v1.0

Installation

Mx. Shift USB M8 is compatible with Microsoft Windows XP SP3 and later. Windows XP SP3 is shown in the following instructions. Other versions of Windows may appear differently.

Connect USB M8 to Computer

- Ensure the USB M8's DB9 connector is disconnected. If an ECU is attached, USB M8 may be incorrectly detected as a Microsoft Ballpoint mouse.
- 2. Connect the USB M8's USB cable to any available USB port on your computer.
- Wait for Windows to install drivers for a FTDI FT232R that is used on USB M8.



Open System Preferences

- 4. Click the Start button.
- 5. Right-click on My Computer.
- 6. Select Properties



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Open Device Manager

- 7. In the dialog that appears, select the **Hardware** tab.
- 8. Click Device Manager button.



Open Port Properties

- 9. Open the **Ports (COM & LPT)** group.
- 10. Right-click on USB Serial Port.
- 11. Select Properties.



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Open Port Advanced Settings

- 12. Select the **Port Settings** tab.
- 13. Click the **Advanced...** button.



Adjust Settings

14. Change the following:
USB Transfer Sizes
Receive (Bytes): 64
Transmit(Bytes): 64
BM Options
Latency Timer (msec): 1
Timeouts
Minimum Read Timeout (msec): 0
Minimum Write Timeout (msec): 0
15. Click OK.



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Select Port in MoTeC EMP

- 16. Start MoTeC EMP.
- 17. Press **F5** to open the **Select COM Port** dialog.
- 18. Use **Up** and **Down** keys to highlight USB M8's COM port.
- 19. Press **Enter** to select the COM port.

Note: Before EMP v6.20, COM ports cannot be manually selected. EMP will usually autodetect the correct port. If it does not, contact support@mxshift.com.

