USB2-F-5001 – Quick Start Guide

Congratulations on your purchase of the EasySync USB2-F-5001 USB to RS485 adapter. Getting started is quick and easy:

Detailed device driver installation instructions, port information and mechanical details are available in the USB2-F-5001 datasheet. This can be downloaded from: www.easysync.co.uk, or www.easysync-ltd.com.

- To begin, connect the USB cable to your PC USB Host or a USB Hub connector and the USB2-F-5001. Power is supplied by the USB bus, so no external power supply is required.
- Device drivers are needed for the PC to communicate with the USB2-F-5001. If your computer is connected to the Internet, you can use the Microsoft Windows Update service to automatically download the latest WHQL-certified device drivers. Alternatively these can be downloaded from: www.easysync.co.uk, or www.easysync-ltd.com. To install the drivers , follow the following steps:
  1. Download and unzip the drivers to a folder.
  2. Connect the USB cable to your PC USB Host or a USB Hub connector and the USB2-F-5001. Power is supplied by the USB bus, so no external power supply is required.
  3. The Windows "Found New Hardware Wizard" will appear. Select the choice to install the drivers from a specific location, then browse to the folder just created when the drivers were downloaded from the EasySync website.
  4. If a notice appears indicating that the drivers are not signed, select "Install Anyway".

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5. The Driver wizard will appear a second time. Repeat the steps 2 to 4 above to complete the installation.

- The USB2-F-5001 can provide a +5VDC output at 250mA by Pin9.

The DE-9P pin-out is as follows:

Pin	Function
1	DATA- = Transmit/Receive Data, negative polarity
2	DATA+ = Transmit/Receive Data, positive polarity
3	DATA- (1) = Transmit/Receive Data, negative polarity (with internal 120 ohm termination resistor)
4	N/A
5	GND = signal ground
6	N/A
7	N/A
8	N/A
9	PWR = +5V output

Revision History:

Version 1.1   2009-09-15   Updated to reduced PWR to 250mA

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