



USB2-F-7x01 – Quick Start Guide

Congratulations on your purchase of the EasySync USB2-F-7001 or USB2-F-7101 USB to CANbus adapter. Getting started is quick and easy:

General Installation

- Detailed device driver installation instructions, port information and mechanical details are in the USB2-F-7x01 datasheet. This can be downloaded from: <http://www.easysync-ltd.com/> or <http://www.easysync.co.uk/>.
- To begin, connect the USB cable to your PC USB Host or a USB Hub connector and the USB2-F-7x01. 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-7x01, and can be downloaded from: <http://www.easysync-ltd.com/> or <http://www.easysync.co.uk/>. 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-7x01. 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 choices 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.

CAN Firmware

- The USB2-F-7x01 comes with EasySync CANbus firmware pre-loaded from the factory. From time-to-time, EasySync will update the firmware and make it available on the web. Updated firmware can be obtained from: <http://www.easysync-ltd.com/> or <http://www.easysync.co.uk/>. Included with the firmware download will be a copy of EASYBoot, a utility that programs the firmware into the USB2-F-7x01.
- When updating with newly downloaded firmware, it is first necessary to place the USB2-F-7x01 adapter in Boot-loader mode:
 - Start a terminal program, such as HyperTerminal. Connect to the COM port and issue the “B” command:
 - B<CR>
 - The USB2-F-7x01 will respond with:
 - Entering Boot Mode
Boot:>
 - Close the COM port connection.
 - Start EASYBoot and follow the on-screen instructions to update or verify the firmware.

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The CANbus DE-9P (DS102-1) pin-out is as follows:

Pin	Function
1	No Connect
2	CAN_L = CANbus Low Side
3	GND = Signal Ground
4	No Connect
5	Shield
6	GND = Signal Ground
7	CAN_H = CANbus High Side
8	No Connect
9	No Connect

Revision History:

Version 1.0	2009-02-16	Initial Release
Version 1.1	2009-05-22	Minor corrections and hyperlinks corrected.
Version 1.2	2010-02-22	Included USB2-F-7101.

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