S1-A-7001 – Quick Start Guide

Congratulations on your purchase of the Connective Peripherals S1-A-7001 RS232 to CANbus adapter. Getting started is quick and easy:

General Installation

- Detailed installation instructions, port information and mechanical details are in the S1-A-7001 datasheet. This can be downloaded from: http://www.connectiveperipherals.com.
- To begin, connect the RS232 cable to your Host RS232 connector and the S1-A-7001. If the host RS232 is configured for DTE, like most PC-based COM ports, a straight-through 9-pin D-Sub cable can be used. External power is required and supplied through the CANbus connector as noted in the pin-out table at the end of this document.

CAN Firmware

- The S1-A-7001 comes with Connective Peripherals CANbus firmware pre-loaded from the factory. From time-to-time, Connective Peripherals will update the firmware and make it available on the web. Updated firmware can be obtained from: http://www.connectiveperipherals.com. Included with the firmware download will be a copy of EASYBoot, a utility that programs the firmware into the S1-A-7001.
- When updating with newly downloaded firmware, it is first necessary to place the S1-A-7001 adapter in Boot-loader mode:
  - o Start a terminal program, such as HyperTerminal. Connect to the COM port and issue the "B" command:

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- B<CR>
  - o The S1-A-7001 will respond with:
    - Entering Boot Mode
      Boot:>
  - o Close the COM port connection.
  - o Start EASYBoot and follow the on-screen instructions to update or verify the firmware.

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	GND = Signal Ground
6	GND = Signal Ground
7	CAN_H = CANbus High Side
8	No Connect
9	External Power (+6VDC to +15VDC @ 150mA max, 40mA typical)

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Revision History:

Version 1.0	2009-05-22	Initial release
Version 1.1	2019-03-25	Re-branding to reflect the migration of the product from EasySync to Connective Peripherals name (changed logo, copyright, internal hyperlinks)

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