

Installation instructions

CANopen Master Simulator



History

Revision	Date	Description	Responsible
1.00	2011-09-19	First release	KjO
1.01	2012-02-08	New template	KaD

1 Master Simulator Overview

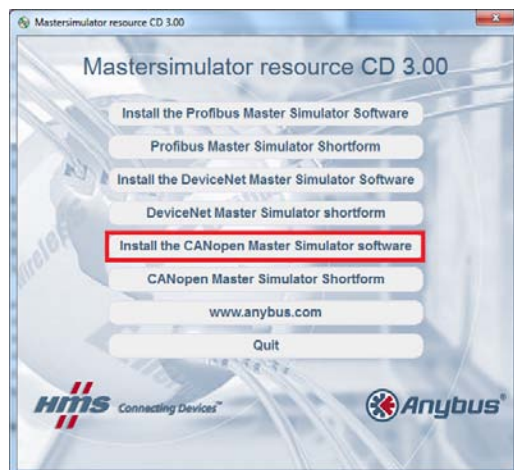
The Master Simulator can be used with nearly all CANopen slaves from different manufacturers.

The network scan function automatically detects and identifies all operational slaves in a CANopen network, even if the normally required EDS file is not available. Any CANopen slave can be set into operation. User friendly dialogs are used to exchange cyclic I/O or explicit message parameter data.

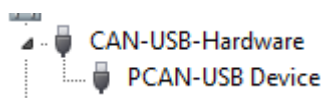
The Master Simulator consists of Windows based Software and a CANopen USB-interface circuitry (Dongle). The Dongle is plugged into the USB port of the PC and provides a 9-pin D-Sub connector as the CANopen Interface. The Dongle is powered from the USB port.

2 Installation Instructions

1. Insert your CD. The CD will start automatically.
(If the CD menu does not start, go to Explorer. Browse the CD and run SLCDMENU)



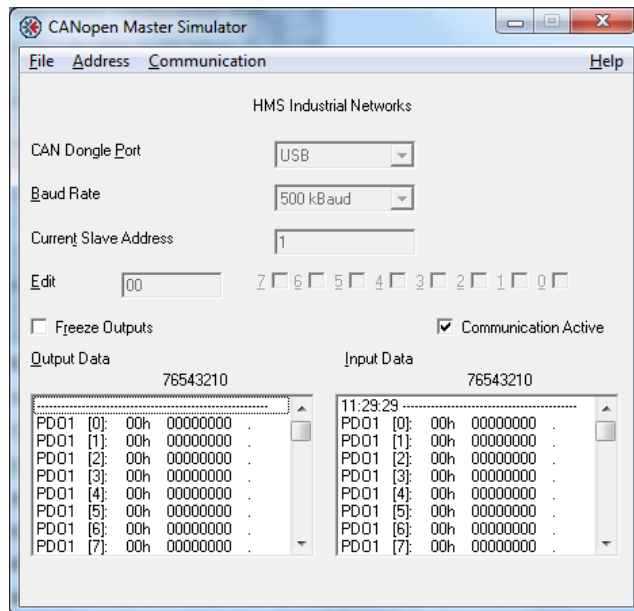
2. Select “Install the CANopen Master Simulator software”.
Follow the onscreen instructions.
3. Insert your CANopen Master Simulator USB Dongle.
If Windows does not find the driver, open the Device Manager.
Right click your device and select “Update Driver Software...”.
Select “Browse my computer for driver software”.
Click the button “Browse”, and browse the CD to find the folder “files\button5”. Click OK.
Click Next and let Windows install the driver. You may now click close.
You should see the following in your Device Manager:



3 Getting Started

Start the CANopen Master Simulator.

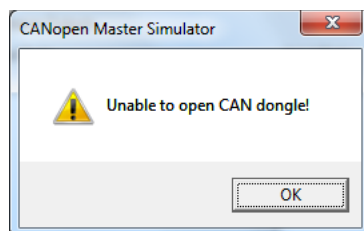
Set the correct baud rate and current slave address. Click “Start” from the Communication menu, and click OK when notified that the outputs may be modified. You are now connected.



4 Troubleshooting

Symptom:

You get an error message when trying to connect, stating “Unable to open CAN dongle”, even though you have installed the driver package from Peak-System for PCAN-USB dongle.



Solution:

This requires you to have CCM installed on your computer:

<http://www.hms.se/upload/CANopen%20Configuration%20Manager%201.4.4b%20setup.zip>

Copy the file PCAN_USB.dll from

“C:\Program Files\port\ccm\bin\” to “C:\Program Files\HMS\CANopen Master Simulator”.