

## **Driver Installation Manual for USB converter:**

(USB-RS232, USB-RS422, USB-RS485, USB-TTY active, USB-TTY passive)

1. Go online to [www.4n-galaxy.de](http://www.4n-galaxy.de)
2. On the left search for "Drivers" and click this menu item.
3. Download the driver compatible to your Computer's operating system.
4. Unzip the driver. (e.g. with WinZIP)
5. You may now connect the converter to your computer. (USB side to the computer)
6. Windows automatically detects a new **USB device** (the converter) and starts the driver installation interface.
7. Locate the folder where you unzipped the driver and indicate this position to the driver installation interface.
8. Confirm with "Yes". The driver will now be installed.
9. If the Windows Logotest warning pops up do not pay attention to it and go along with the installation.
10. Windows automatically detects a new **COM device** (COM Port) and starts the driver installation interface.
11. Locate the folder where you unzipped the driver and indicate this position to the driver installation interface.
12. Confirm with "Yes". The driver will now be installed.
13. If the Windows Logotest warning pops up do not pay attention to it and go along with the installation.
14. Done, once the driver installation is complete your device is ready to operate.

### **Changing the COM Port Number:**

Sometimes the new converter is registered in the system as "COM10".

Most programs though will only give you the chance to select a port from COM1 to COM4. That's why it is necessary to rename the converter in the system.

1. Select "System Settings"
2. Go to "Device Manager".
3. Then click and open "Ports (COM & LPT)".
4. Open "USB Serial Port COM10".
5. Select "Port Settings".
6. Select "Advanced".
7. Modify the "COM Port Number" for instance COM4.
8. Confirm the new name with "OK". Done.

The converter is now ready for operate and can be found under the name COM4.

### **Driver Deinstallation:**

Through the Windows Settings > Device Manager > Remove/Deinstall

Or you may use a deinstallation "exe" file which is delivered with the driver package: "Ftdiunin.exe"

1. Locate the file "Ftdiunin.exe" and double-click it to start the deinstallation.
2. Confirm the removal of the driver with "OK".
3. Close the program. Done.

#### **Note:**

If your software only allows a communication till "only" 115 kB then you may request a customised driver.

The customised driver will allow communications till

4,800 Baud. The actual transmission will run with

921,600 Baud (RS232) or 3,000,000 (RS485/422), although the settings are set on 4,800.

If you have any question please contact [rrm@4n-galaxy.de](mailto:rrm@4n-galaxy.de)

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