

Application Note AN1207

Connecting bentrup controllers with USB port to Windows

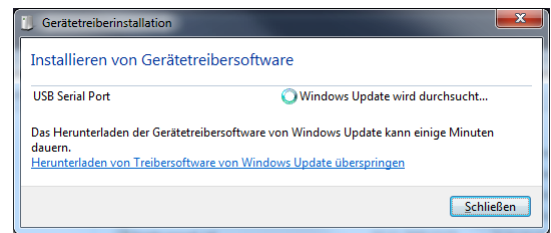
1.) General Information's

The USB interface option provides PC connectivity to your bentrup TC20xx controller. This allows access via WinControl or own applications. The bentrup USB device appears as COM port.

2.) Connecting the Controller

Connect controller using the supplied USB-cable. Windows recognizes a new USB device and start searching for drivers. This happen on power-off controllers too.

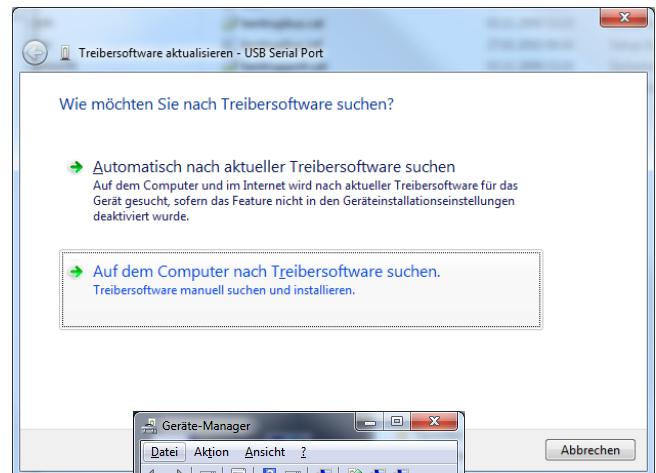
The next steps depends on the Windows version. The following illustrations apply to Windows7.



3.) Installing Driver – First Step

After a while Windows driver assistant stops searching on the web for the required driver.

A query dialog “update driver software” appears. In some cases this don't happen. For this case, please follow instructions 3a.



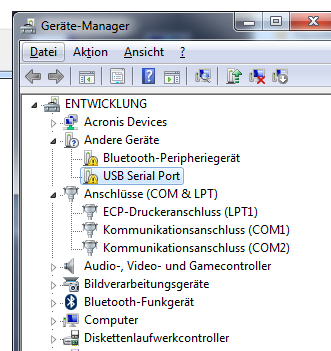
3.a) Using Device Manager

Click on Start button and write “device manager” (in your language). Start the device manager.

Take a look to yellow tagged devices. You should find a “USB Serial Port”.

Right-Click this item and select “update driver software” (first item of pop-up menu).

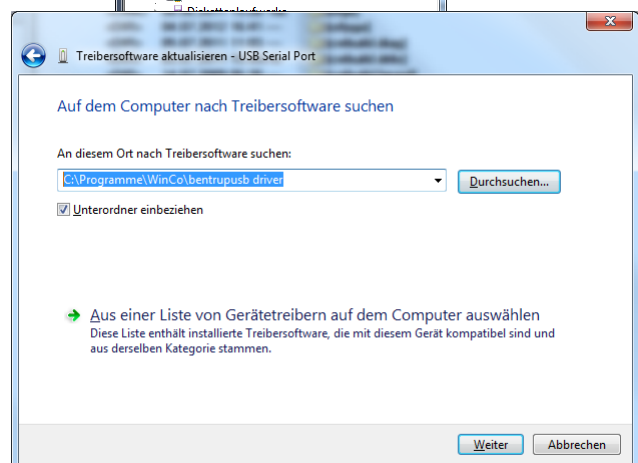
Select the 2nd option of the “update driver software” dialog to search on your computer for drivers.



4.) Choose the Windows Folder containing the driver

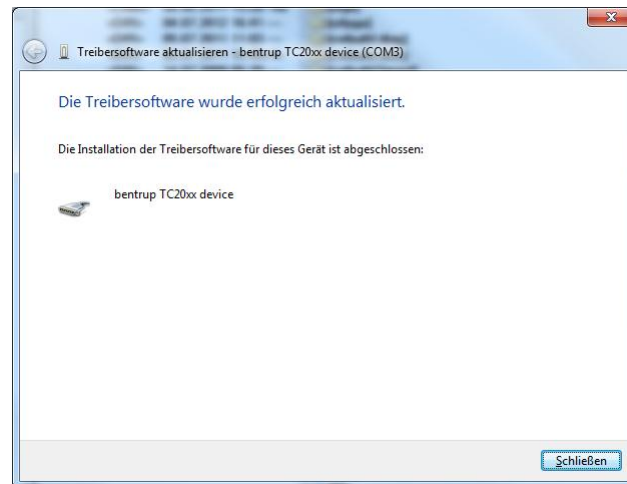
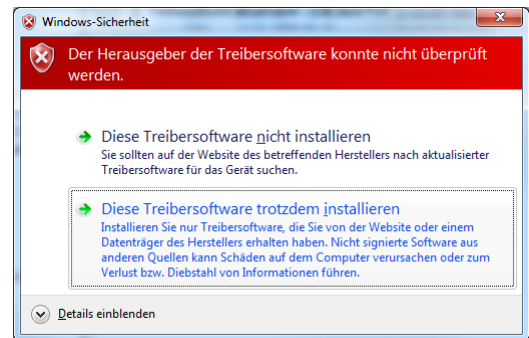
Enter the Wincontrol installation-path followed by “\bentrupusb driver” into the text-box or click on the “search...” button to select this via directory-dialog.

Click on “Continue” button.



Confirm the Windows security dialog as shown on the right hand side. You can trust the driver provided by bentrup as a reliable source.

Windows takes some time to copy the driver files into the system directory.



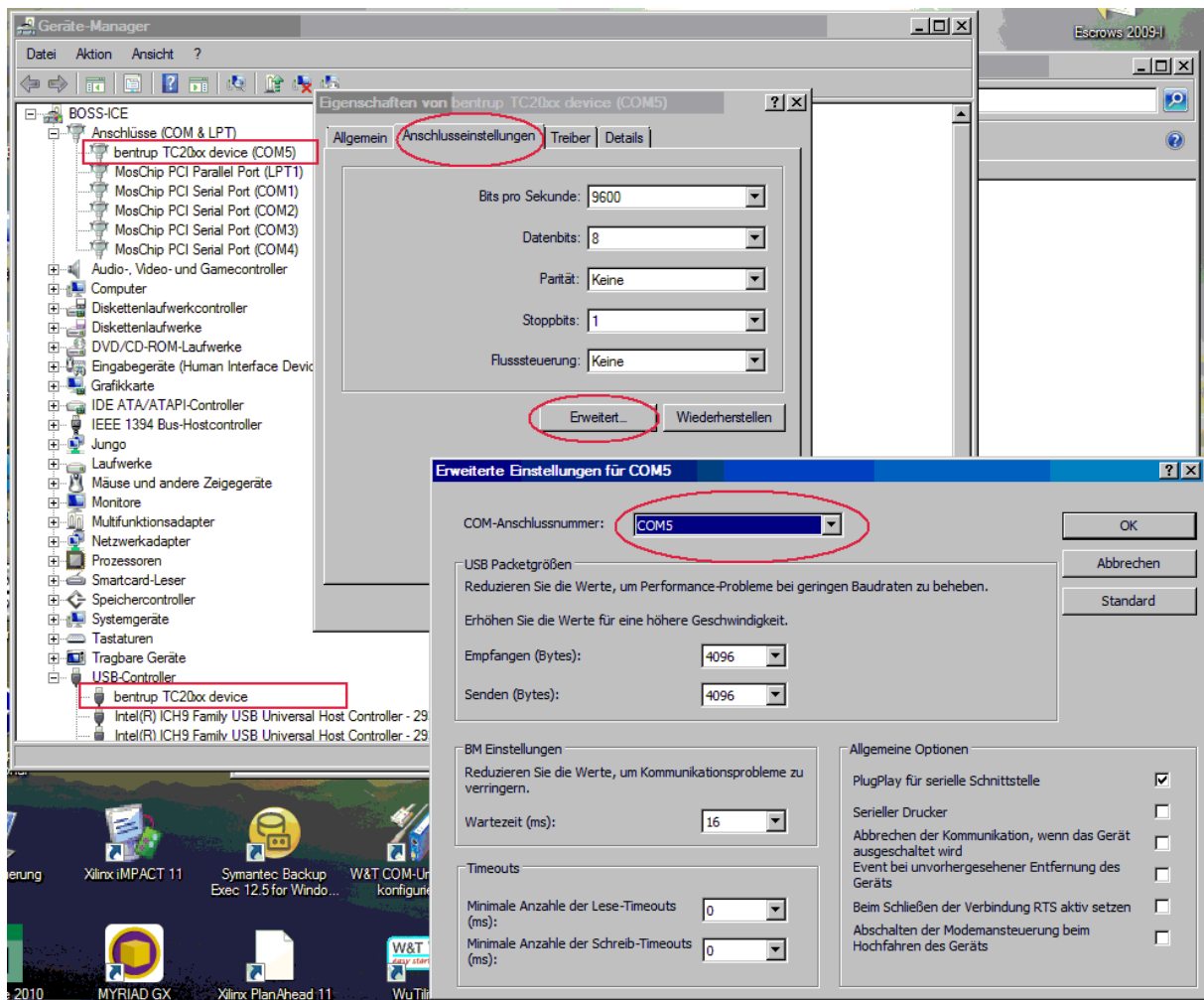
You get a “finish” message like above.

Take a look into the device manager (see 3a) to find out, which COM port number is assigned to the “bentrup TC20xx device”.

4.) Change Number of COM Port (optional)

If Windows has assigned a port number above 8 it's necessary to change it.

Right-Click to the “bentrup TC20xx device” and select “Properties”. Select “Enhanced” on the 2nd page. Now you can change the port number. You can set it to “used” numbers too, if the former device isn't present at the same time.



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