

Welcome to the Bobe Driver Installation Instructions

Please take some time to read these instructions in their entirety. They have been kept brief and simple.

Bobe-USB-Box

Driver Installation Instructions

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1. System Requirements

- Windows 2000, Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008, Windows 7 or Windows Server 2008 R2
- a free USB interface

2. Introduction

Before you can use the Bobe USB Box you have to install two drivers. These drivers enable your application software to communicate with the Bobe USB Box via a *virtual communications port (VCP)*.

The first driver is a *USB serial converter* which establishes the connection to the Bobe USB Box through the USB interface and makes the data transfer available to a *virtual communications port (VCP)*.

The second driver is this *virtual communications port (VCP)* which allows your application software to contact the Bobe USB Box.

All required files can be found on the CD provided.

3. Install the Driver

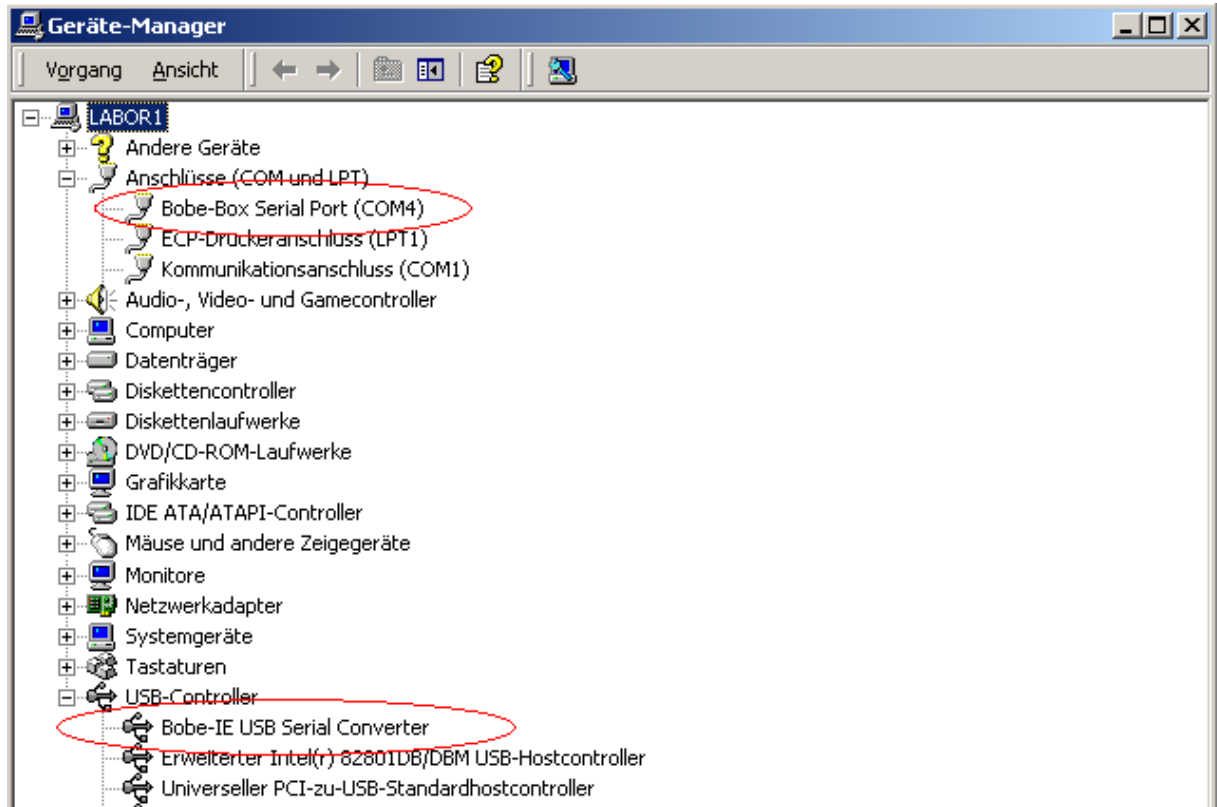
To install the driver:

Leave your PC switched on and use the USB cable to connect the Bobe USB Box to your PC. Windows detects *new hardware*. Please follow the on-screen instructions and install the driver from the CD provided. The second driver should be installed the same way. The driver installation is described in detail in [Appendix A](#).

4. View and Change the COM Port

Check in the *Device Manager* which COM port the VCP has been set to so that you know which COM port your application software can use to address the Bobe USB Box. Proceed as follows:

Go to the *Control Panel* in *Windows*. Go to the *Device Manager* (via *System* and *Hardware*). NB: How you get there, depends on your Windows version. Use the online help if required.



You will see **Bobe-IE USB Serial Converter** and **Bobe-Box Serial Port** listed. The **Bobe-Box Serial Port** indicates the COM port number you also have to specify in your application software, in this case **COM4**.

If you want to change the COM port number, right-click on **Bobe-Box Serial Port** and in the pull-down menu on **Properties**. In this window click on the **Port Settings** tab and then on **Advanced...** You can now choose a different COM port. Apply your changes by clicking on all **OK**. Make sure, however, that you didn't change any of the other options by mistake.

Detailed instructions can be found in [Appendix B](#).

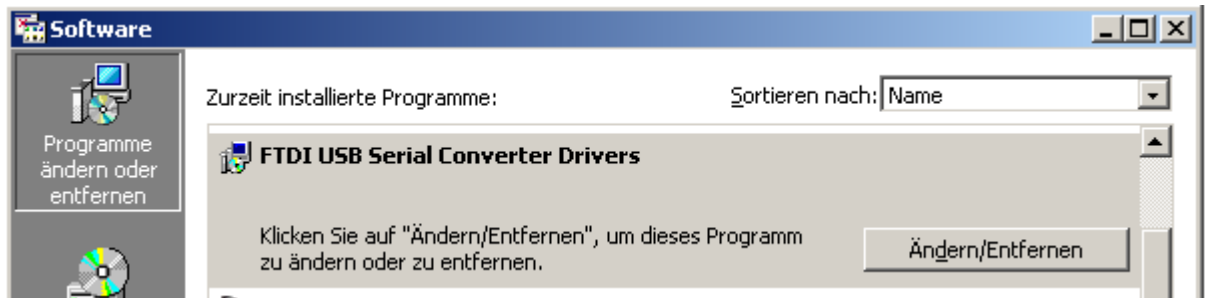
5. Deinstall the Driver

You only have to deinstall the driver if you don't want to use the DMX-USB anymore in the future. This frees the COM port and disk space on your PC.

Caution: After deinstall the driver all other devices using the same driver (e. g. DMX2) also don't work anymore. So, only deinstall the driver if you are sure that no other device uses the same driver anymore. According to the windows version the procedure to deinstall can differ.

Remove the Bobe USB Box from your PC. Go to the **Control Panel** in

Windows. Double-click on *Add or Remove Programs*. Click on *FTDI USB Serial Converter Drivers* and then on *Change/Remove*.



In the next window click on *Continue* and *Finish*.

6. Using Several DMX-USB Devices

In principle it is possible to use several DMX-USB devices with one PC. However, you have to install the driver for each additional device and will end up with an additional VCP each time. See [View and Change the Communications Port](#).

Caution: Win98 may permit only one driver installation. In that case you can only work with one device.

If you have questions, please contact:

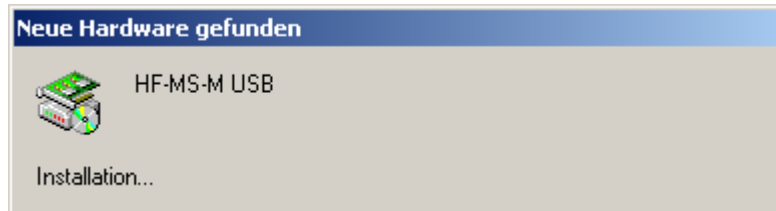
Bobe Industrie-Elektronik
Sylbacher Str. 3
32791 Lage

Tel. : +49 (0)5232 95108 0
Fax. : +49 (0)5232 64494

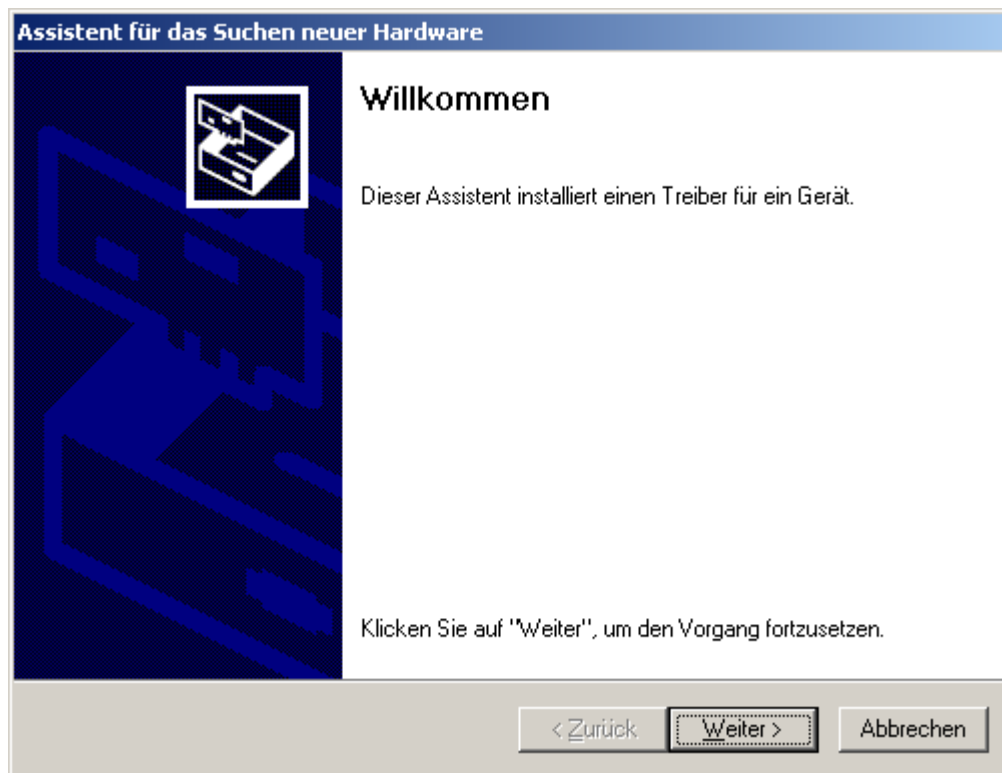
info@bobe-i-e.de
www.bobe-i-e.de

Appendix A:

The installation depicted here took place under Windows2000. It is similar for other Windows versions.



The device name is displayed.



Click on *Continue*.

Assistent für das Suchen neuer Hardware

Hardwaretreiber installieren

Ein Gerätetreiber ist ein Programm, das das Ansprechen des Geräts durch das Betriebssystem ermöglicht.

Der Assistent wird die Installation des Geräts fertig stellen:

 HF-MS-M USB

Gerätetreiber sind Programme zum Steuern der Hardware. Für das neue Gerät sind Treiberdateien erforderlich. Klicken Sie auf "Weiter", um diese Treiberdateien zu suchen und die Installation zu abzuschließen.

Wie möchten Sie vorgehen?

☒ Nach einem passenden Treiber für das Gerät suchen (empfohlen)

☐ Alle bekannten Treiber für das Gerät in einer Liste anzeigen und den entsprechenden Treiber selbst auswählen

< Zurück Weiter > Abbrechen

Select the option that searches for a driver (if required) and click on *Continue*.

Assistent für das Suchen neuer Hardware

Suche nach Treiberdateien

Geben Sie an, wo nach den Treiberdateien gesucht werden soll.

Nach Treiberdateien für folgende Geräte suchen:

 HF-MS-M USB

Der Assistent sucht in der Treiberdatenbank und auf den angegebenen Laufwerken nach passenden Treibern.

Klicken Sie auf "Weiter", um die Suche zu starten. Wenn der Suchvorgang auf einer Diskette oder einem CD-ROM-Laufwerk ausgeführt wird, legen Sie zuvor den Datenträger ein.

Andere Quellen für die Suche:

☐ Diskettenlaufwerke

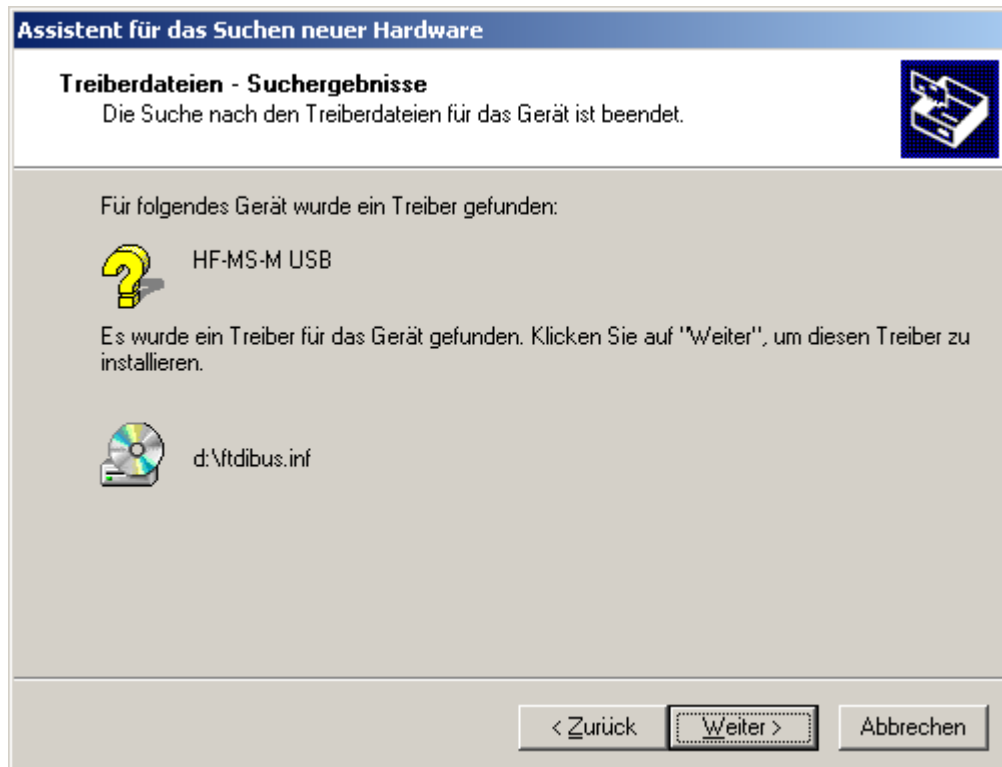
☒ CD-ROM-Laufwerke

☐ Andere Quelle angeben

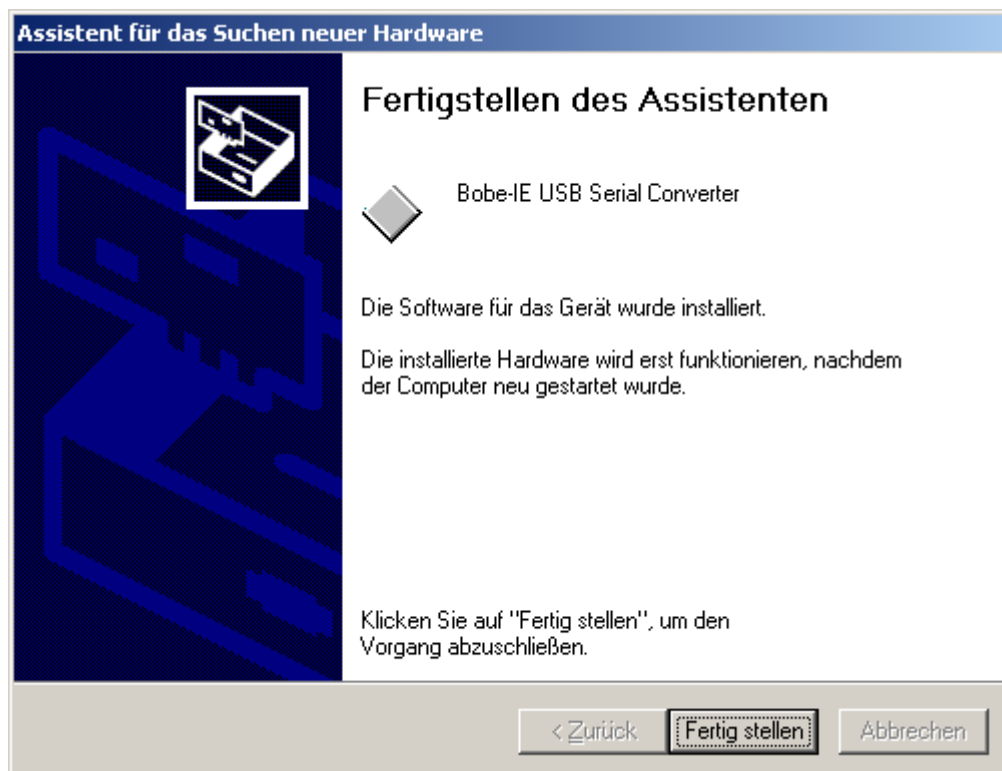
☐ Microsoft Windows Update

< Zurück Weiter > Abbrechen

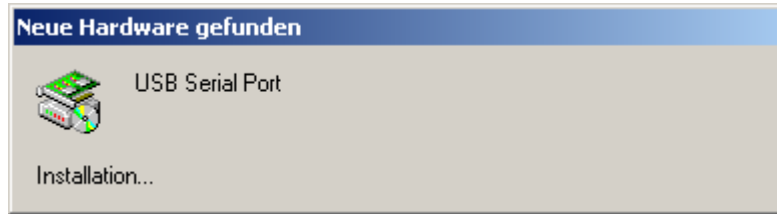
Let the system search the *CD provided*. Click on *Continue*.



The system should find the *ftdibus.inf* file for the *USB Serial Converter*. Click on *Continue* to install the correct driver.



Click on *Finish*. Then new hardware is discovered a second time.

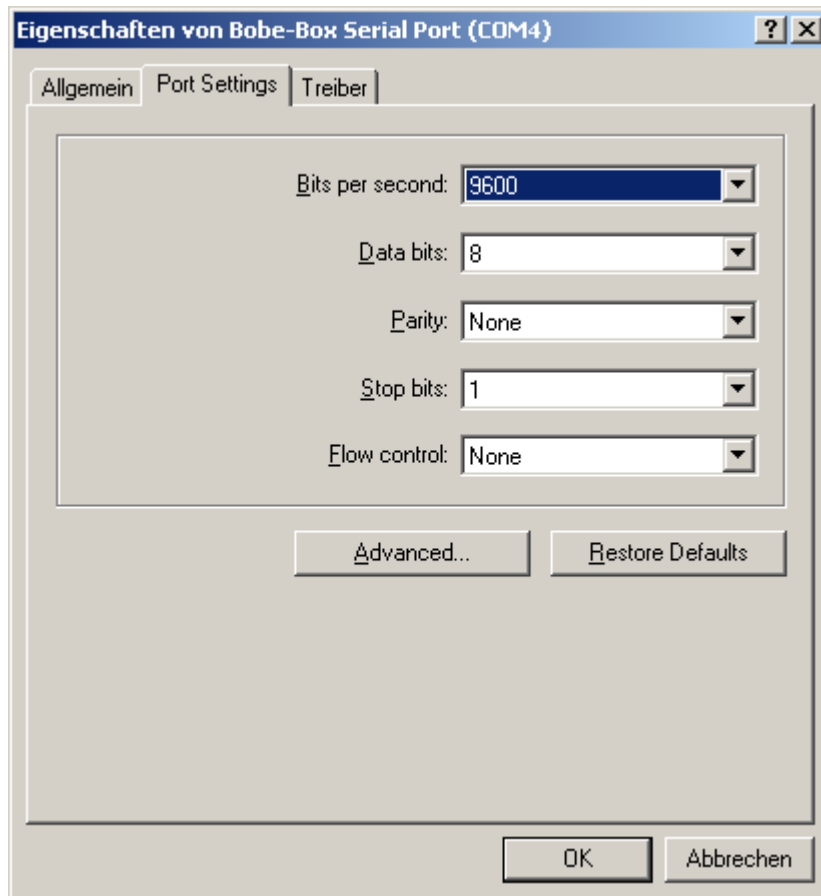


Proceed as you did with the first driver. The only difference is that the system now needs to find the *ftdiport.inf* file for the *virtual communications port*.

The driver installation is now complete.

Appendix B

If you want to change the COM port number, go to the Device Manager and right-click on *Bobe-Box Serial Port* and in the pull-down menu on *Properties*.



In this window click on the *Port Settings* tab and then on *Advanced...*

Advanced Settings for COM4 ? x

COM Port Number: COM4

USB Transfer Sizes: COM1 (in use)
COM2
COM3 (in use)
COM4

Select lower settings to correct response problems at low baud rates.
Select higher settings for faster performance.

Receive (Bytes): 4096

Transmit (Bytes): 4096

BM Options

Select lower settings to correct response problems.

Latency Timer (msec): 16

Miscellaneous Options

Minimum Read Timeout (msec): 0	Serial Enumerator <input checked="" type="checkbox"/>
Minimum Write Timeout (msec): 0	Serial Printer <input type="checkbox"/>
	Cancel If Power Off <input type="checkbox"/>
	Event On Surprise Removal <input type="checkbox"/>
	Set RTS On Close <input type="checkbox"/>

OK
Cancel
Defaults

You can now choose a different COM port. Apply your change by clicking on **OK**. Make sure, however, that you didn't change any of the other options by mistake.