



Quick Installation Guide

T-Base Professional

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1 Introduction

For a proper and straight forward installation of T-Base Professional, it is strongly recommended to perform the following steps in the order listed.



2 Install T-Base Pro on your Computer

It's recommended to store the install file 'TBaseProSetup.msi' on your computer and execute it by double click. Follow the instructions and accept license agreement.



NOTE:

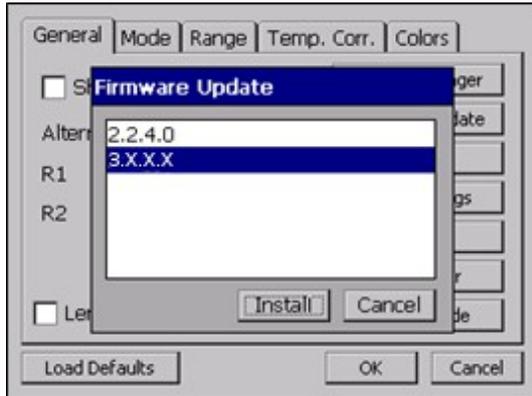
You will need to have admin rights to properly install T-Base Professional on your Computer:



3 Update Instruments Firmware

Update the Firmware of your Raytech Measuring Systems to newest Version as follows:

3.1 For all WRxx Systems and for TR-Mark II:



Copy the new Firmware (.zip file) onto your USB key on the root directory (Not in a sub-directory, do not Unzip it).

Connect the USB-key to the instrument and press install. The system will detect and automatically install the new firmware and restart the system.



NOTE:

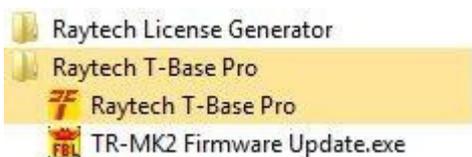
Latest device firmware files and update tools can be found in:

[C:\Program Files \(x86\)\Raytech\T-Base Pro\Firmware](C:\Program Files (x86)\Raytech\T-Base Pro\Firmware)

The name of this folder may vary within different Windows versions

3.2 For TR-Mark II:

Find in the Windows Start Menu the following folder and start TR-MK2 Firmware Update.exe.



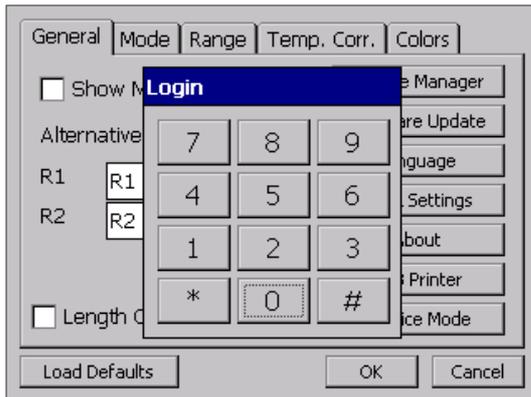
Connect your TR-Mark II to RS 232 Interface and follow instruction on your computer.



4 Enable USB communication on instruments

Enable USB communication on your instrument as follows:

For all WR-xx Systems:



In the "General" Menu press "Service Mode"
and input:
2001#

For TR-Mark III:

General
↓



Press "Setup" and then in the "General" Menu
choose "Service".
Input 2001#

For TR-Mark II:

No action needed (there is no USB Interface).



5 Install Raytech USB Drivers

Install Raytech USB Drivers to your windows as described in the following chapters.

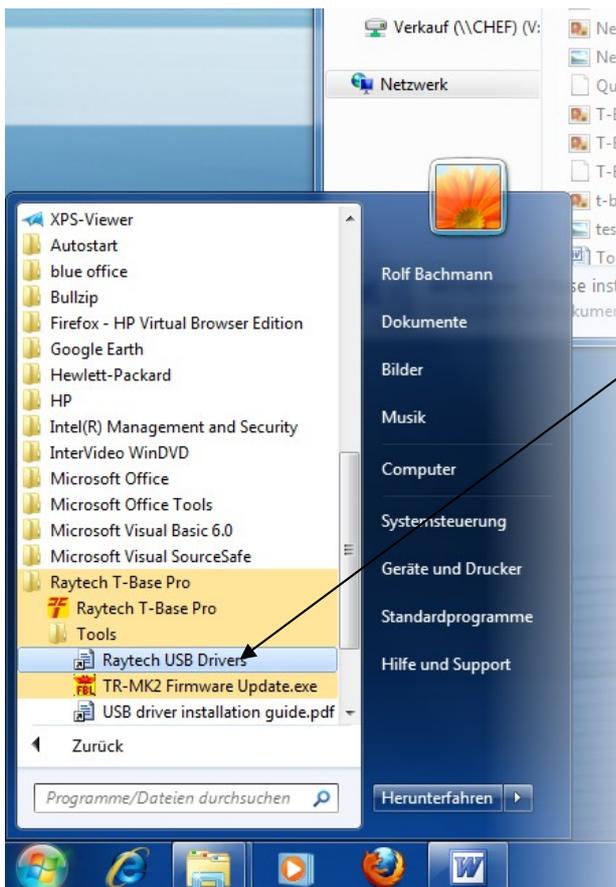


NOTE:

- Different installing procedures are needed for Windows XP and 7
- USB Driver installation is not necessary in order to use RS 232 serial port for communication with device

5.1 Windows Vista, 7, 2003 and 2008

Choose from start menu:



All Programs > Raytech T-Base Pro > Tools > Raytech USB Drivers

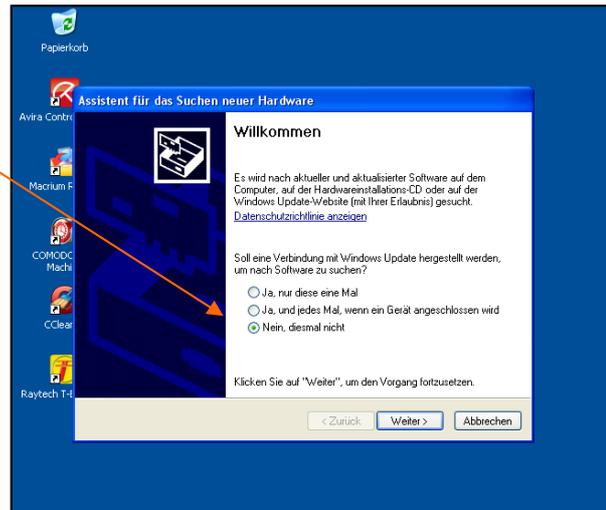
Follow the instructions to install Raytech drivers on your computer



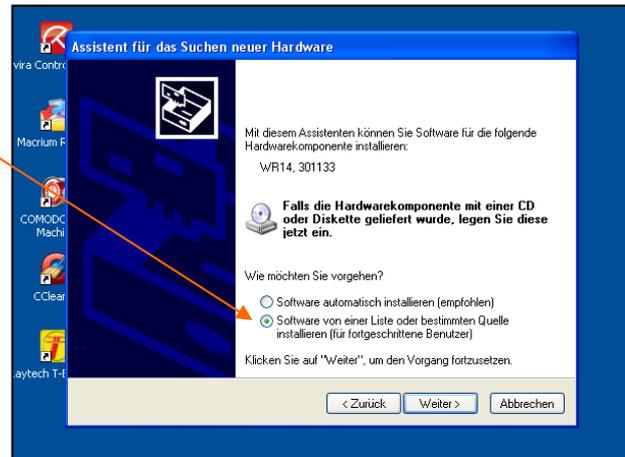
5.2 Windows XP

Connect the Raytech device with your PC using USB cable. Execute the following steps in the Driver Installation Dialogue.

- 1) Don't use windows update for an automatic driver search.
Check this radio button.

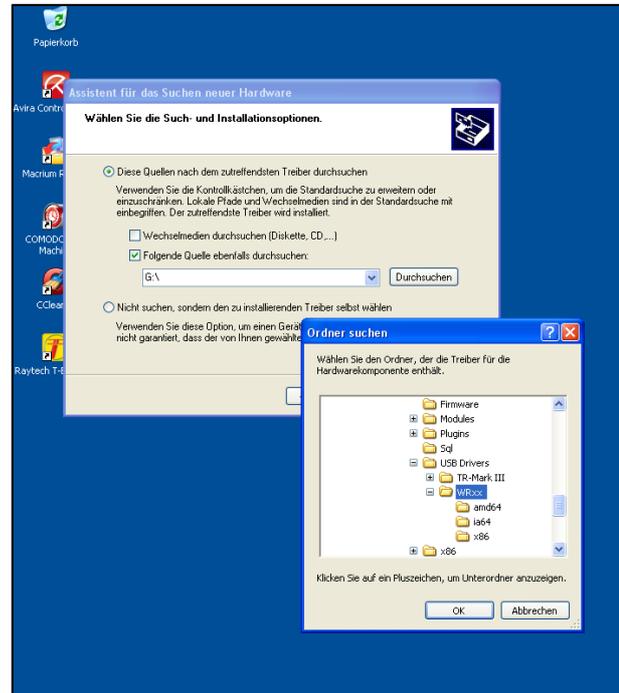


- 2) Choose to set up driver in advanced mode





- 3) Choose the driver folder for your instrument



Navigate to the driver folder on your Computer. The Program File folder may vary between languages and XP versions. But it will be similar to the following link:

[C:\Program Files \(x86\)\Raytech\T-Base Pro\USB Drivers](C:\Program Files (x86)\Raytech\T-Base Pro\USB Drivers)

containing specific device name (WRxx, TR-Mark III) and click “Next” Button.

Currently included USB drivers:

1. **WRxx** for the current Raytech Winding Resistance measurement devices.

[C:\Program Files \(x86\)\Raytech\T-Base Pro\USB Drivers\WRxx](C:\Program Files (x86)\Raytech\T-Base Pro\USB Drivers\WRxx)

2. **TR-Mark III** for the Transformer Turn Ratio Testing device TR-Mark III.

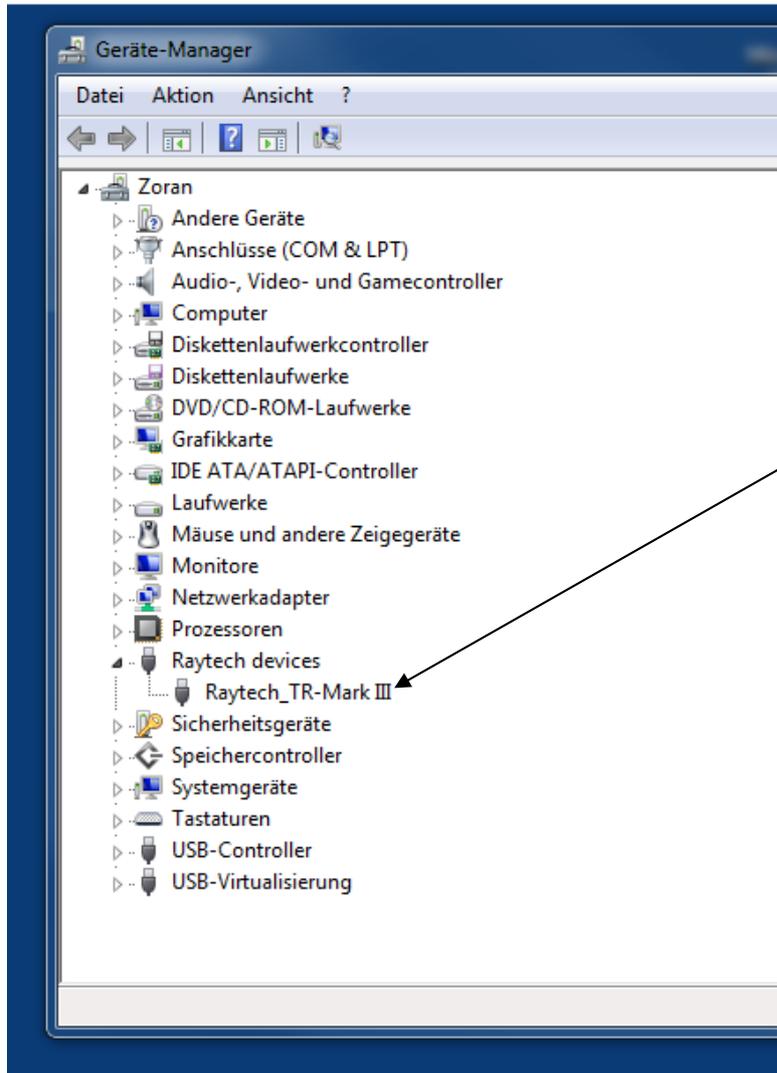
[C:\Program Files \(x86\)\Raytech\T-Base Pro\USB Drivers\TR-Mark III](C:\Program Files (x86)\Raytech\T-Base Pro\USB Drivers\TR-Mark III)

- 4) Ignore unsigned driver installation warning.



5.3 Checking the installation

After successfully driver installation, when a Raytech device is connected by USB, the Windows Device Manager will look as follows:



Notice new device-group entry
“Raytech devices” with
“Raytech_TR-Mark III” as child



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