

GUIDE TO THE USB DRIVERS INSTALLATION

For operating system Windows 98, ME and 2000.

The USB connection requires the installation of the drivers. They are contained in the DeltaLog CD-Rom.

Proceed as follows:

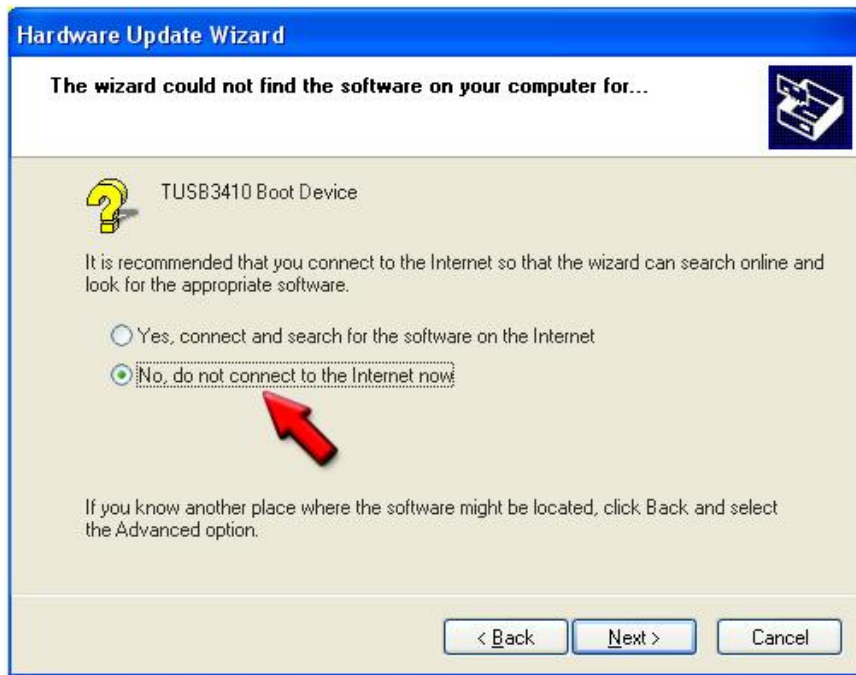
1. **Do not connect the instrument to the USB port as long as it is not required.**
2. Insert the DeltaLog CDRom and double click the file:
 - “D:\Driver USB\Windows_98-ME-2000\Win_98_ME_Setup.exe” for operating system Windows 98 and ME,
 - “D:\Driver USB\Windows_98-ME-2000\Win_2000_Setup.exe” for operating system Windows 2000.
3. The application checks the presence of the drivers on the PC: the installation starts if they are not present; if they are already installed, the drivers are removed by pressing the key (see the following chapter).
4. The installation wizard prompts the software user license: to proceed, the software usage terms must be accepted by clicking on YES.
5. On the next page the folder where the drivers will be installed is indicated:

C:\Program Files\Texas Instruments\USB-Serial Adapter

Confirm without making any modification.

6. Complete the installation by clicking on *Finish*. Wait few seconds until the DeltaLog page appears.
7. Close DeltaLog.
8. Connect the instrument to the PC USB port. When Windows detects the new device, the “*Guided installation of new software*” is activated.

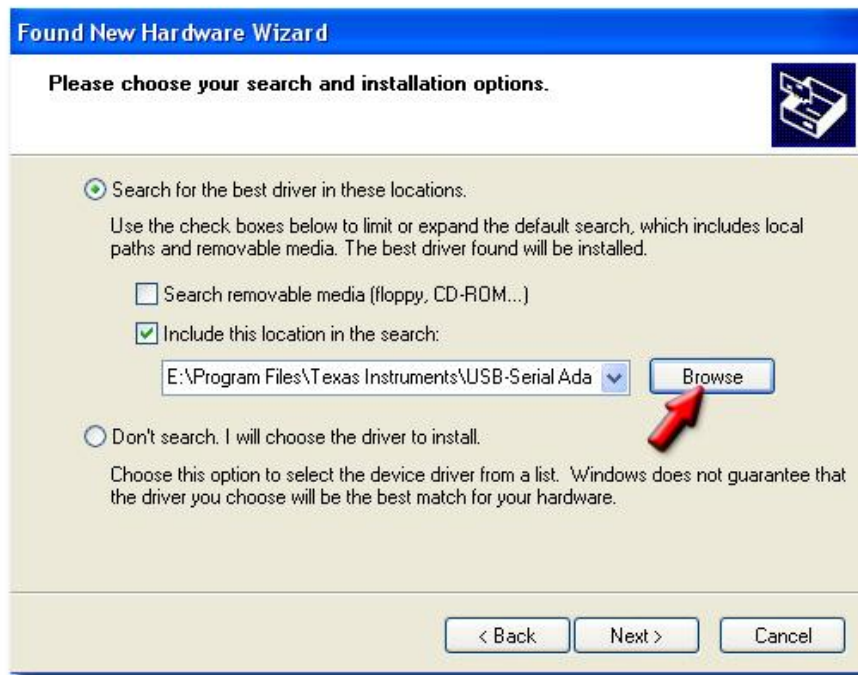
9. If the authorization to search for an updated driver is requested, select “*NO, do not connect to the Internet now*” and proceed.



10. On installation window, select the item “*Install from a list or specific location*”.



11. On next window select the options “Search for the best driver in these locations” and “Include this location in the search”.



12. Indicate the installation folder supplied to the point 5 by *Browse* command:

C:\Program Files\Texas Instruments\USB-Serial Adapter

Confirm with *OK*.

13. Select “Continue” if the message that software hasn’t got through the Windows Logo test.



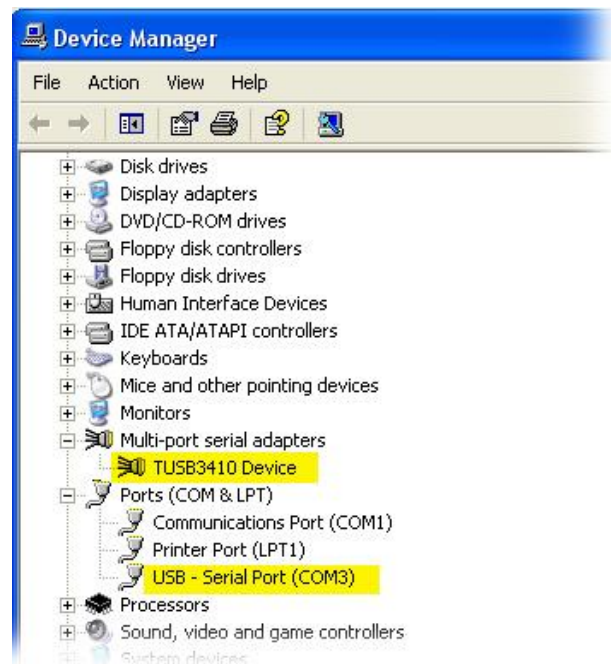
14. The USB drivers are installed: then select “End”.
15. **The installation wizard requests the files location once more:** repeat the above mentioned steps and provide the location of the same folder (see point 12).
16. **Wait:** the operation could take a few minutes.
17. The installation procedure is now completed: the device will be detected at each new connection automatically.

In order to verify if the entire operation was successful, in CONTROL PANEL double click on SYSTEM.

Select “Device Manager” and connect the instrument to the USB port.

Then following items should appear:

- “UMP Devices >> UMP3410 Unitary driver” and “Port (COM and LPT) >> UMP3410 Serial Port (COM#)” for operative systems up to Windows Me,
- “ Multiport Serial Boards >> TUSB3410 Device” and “Port (COM and LPT) >> USB-Serial Port (COM#)” for operative systems Windows 2000.



When the USB cable is disconnected, these two items disappear and come back when it's connected again.

Attention: if the instrument is connected to the USB port **before** installing the drivers, Windows detects the presence of an unknown device: in this case cancel the operation and repeat the procedure illustrated at the beginning of this section.

REMOVAL OF USB DRIVERS

The USB drivers removal requires the disinstallation of software and the removal of drivers from the system.

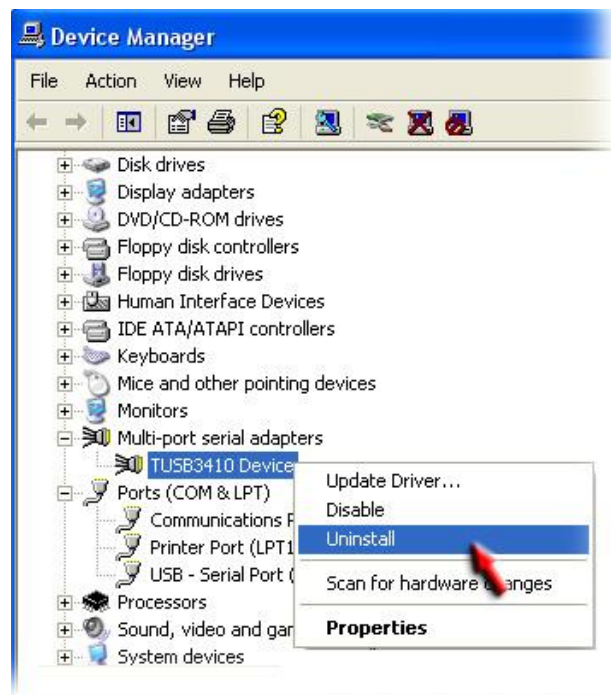
Proceed as follows:

1. Insert the DeltaLog CDRom and double click the file:
 - “D:\Driver USB\Windows_98-ME-2000\Win_98_ME_Setup.exe” for operating system Windows 98 and ME,
 - “D:\Driver USB\Windows_98-ME-2000\Win_2000_Setup.exe” for operating system Windows 2000.
2. The application checks the presence of the drivers on the PC: if they are present, the removal procedure starts.
3. Select the *Remove* item and confirm by *Next*. (*Repair* option is useful to repair any error of USB port during the drivers installation or during the instrument use).



4. In order to finish the drivers removal, open the *System* function on the *Control Panel* (Start >> Set-up >> Control Panel >> System). Select the *Device Manager* item.
5. Connect the instrument to the USB port of the PC. The following items appear:
 - “UMP Devices >> UMP3410 Unitary driver” and “Port (COM e LPT) >> UMP3410 Serial Port (COM#)” for operative systems up to Windows Me,
 - “Serial Boards Multiport >> TUSB3410 Device” and “Port (COM e LPT) >> USB-Serial Port (COM#)” for Windows 2000.

6. Click by the right key of mouse on *UMP3410 Unitary driver* item (for operative systems up to Windows Me) or on *TUSB3410 Device* (for Windows 2000) and select the option *Uninstall*.



7. At the end disconnect the USB cable.
8. The removal of software and USB drivers is now completed.