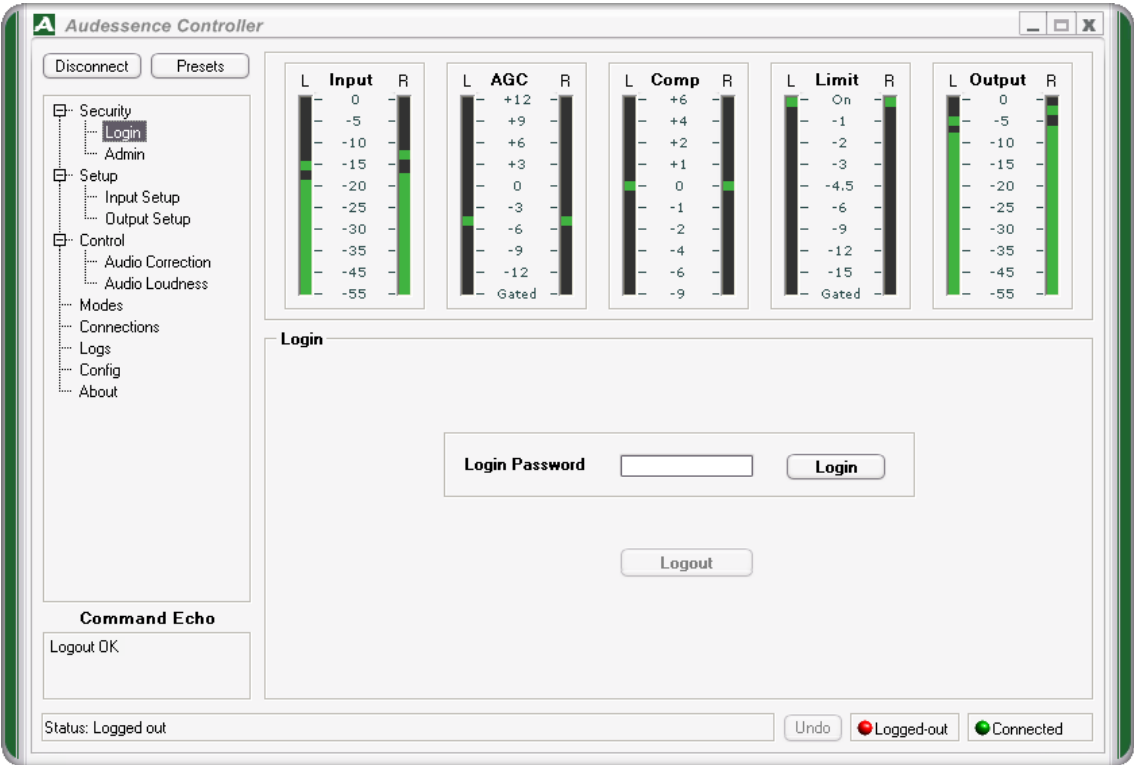# Controller Appendices

Controller Appendices [Version 0.1] 2008-08-11

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Appendix 1

Manually Installing the USB Drivers on Windows 2000

If the USB drivers do not install during Setup and you connect the Audessence Controller via USB, the drivers will either load automatically, or the connection will not be recognized by the operating system. Follow the instructions below to install the drivers manually.

1. Connect the device to a spare USB port on your computer. If the "Found New Hardware Wizard" does not launch automatically, go to "Control Panel -> System" and click on "Device Manager", then double click on "USB Serial Converter" under the "Universal Serial Bus Controllers" menu entry. This will launch the properties window.
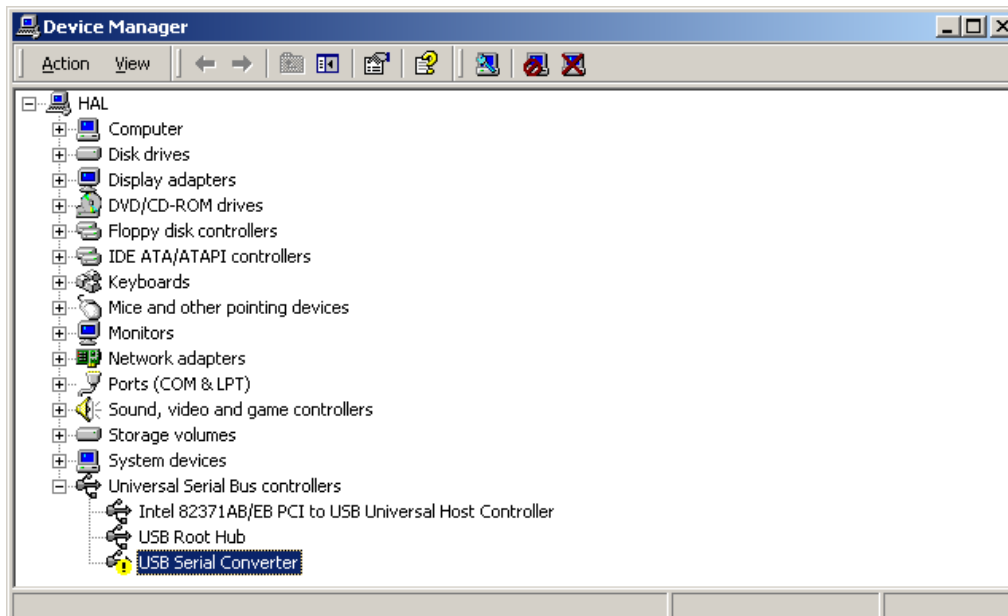
2. Click on "Update Driver" in the "Driver" tab of the Properties window. This will launch the "Upgrade Device Driver Wizard".
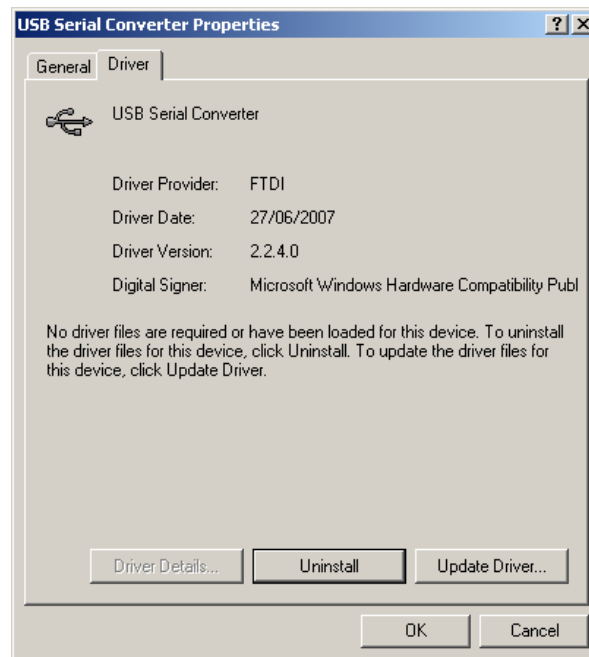

3. The procedure for loading the driver using the "Upgrade Device Driver Wizard" is the same as that of the "Found New Hardware Wizard". The remainder of this illustration uses the "Found New Hardware Wizard". Click "Next" to continue.
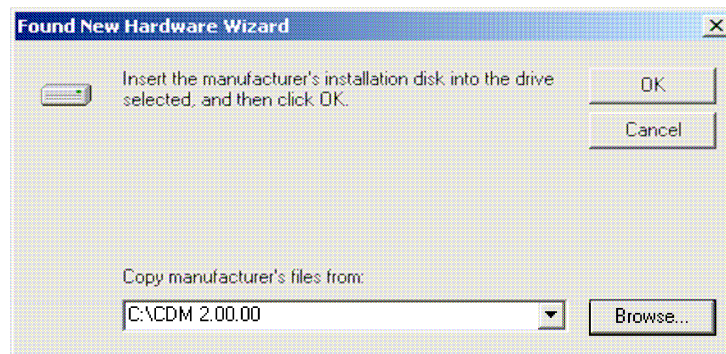
4. Select "Search for a suitable driver for my device (recommended)" as shown below and then click "Next".
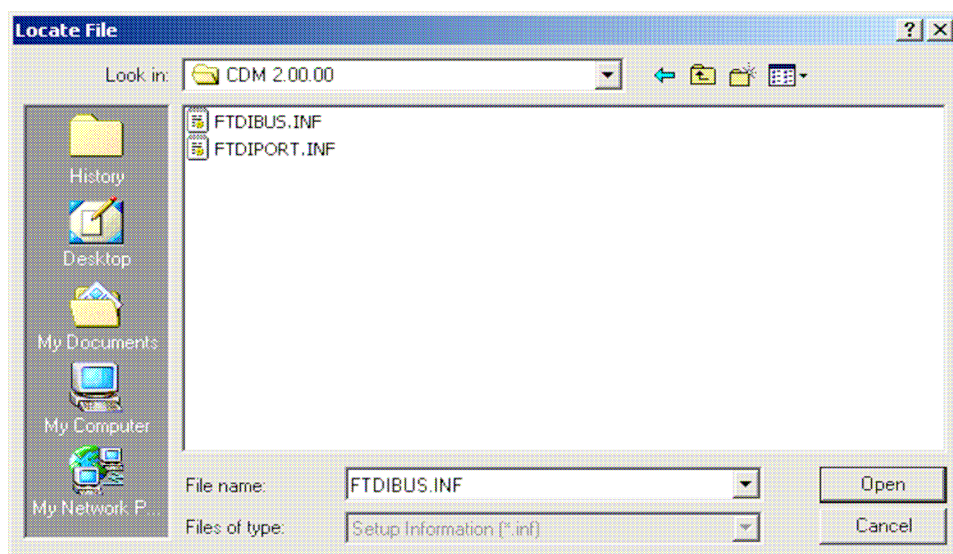

5. Check the box next to "Specify a location" and uncheck all others as shown below.
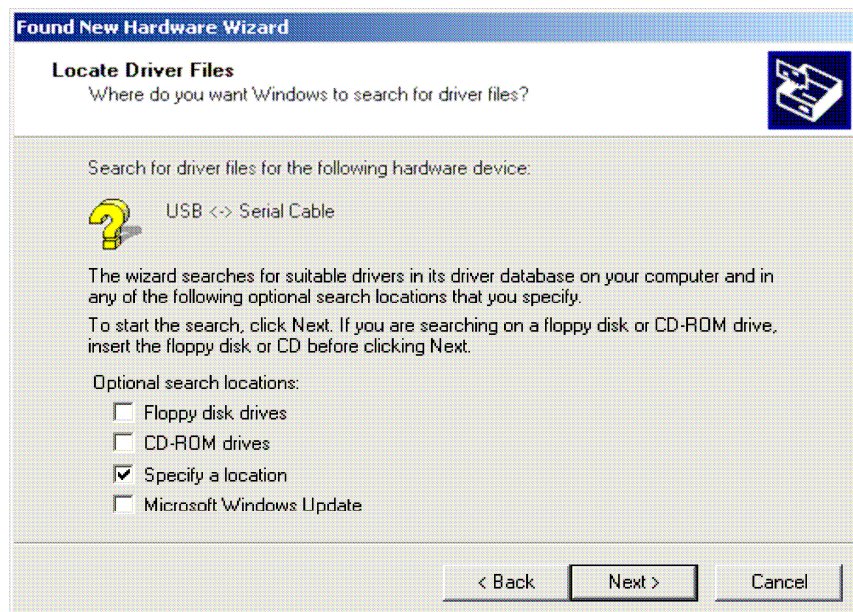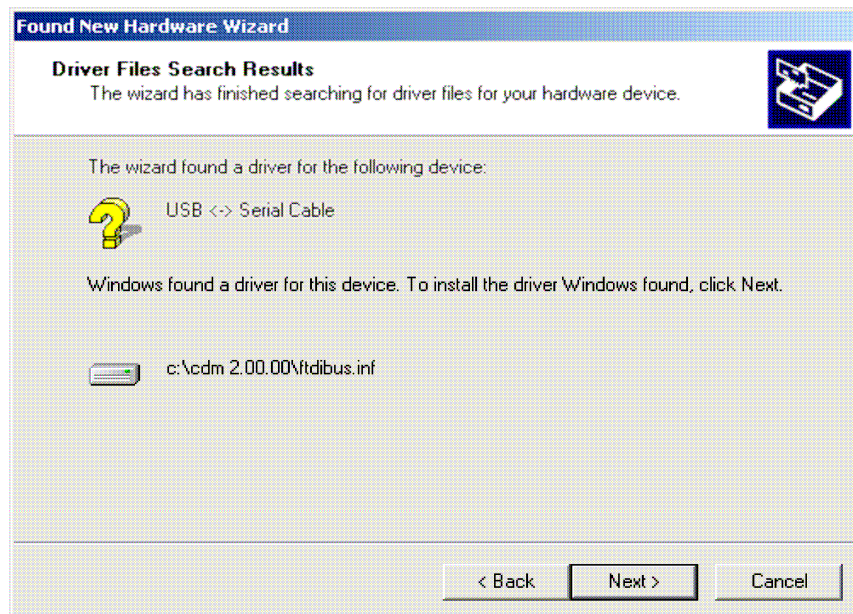
6. Clicking "Next" displays a dialog box for you to enter to the location of the drivers.
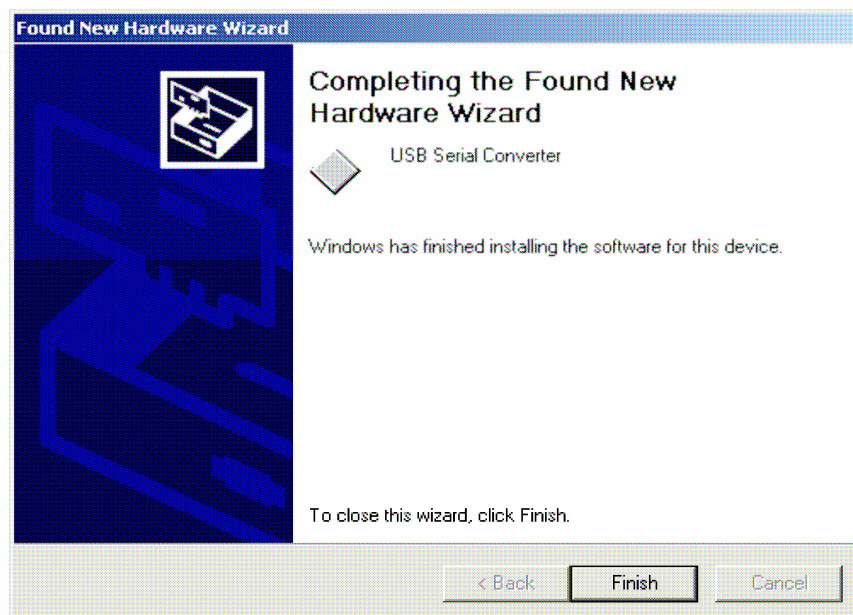

7. Click "Browse" to display an open file dialog box.

8. Locate the folder containing the USB drivers and click "Open", then click "OK".
    The PC auto-selects the correct INF file, in this case FTDIBUS.INF. Once Windows
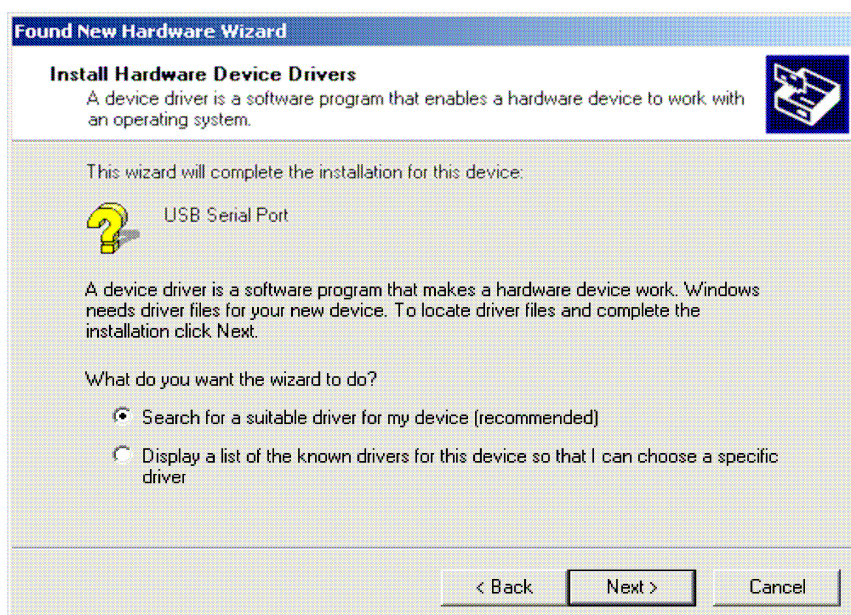   has found the required driver .INF file, click "Next" to proceed.

9. Windows should then display a message indicating that the installation was
    successful. Click "Finish" to complete the installation for the serial converter
    driver. The COM port emulation driver must be installed next.
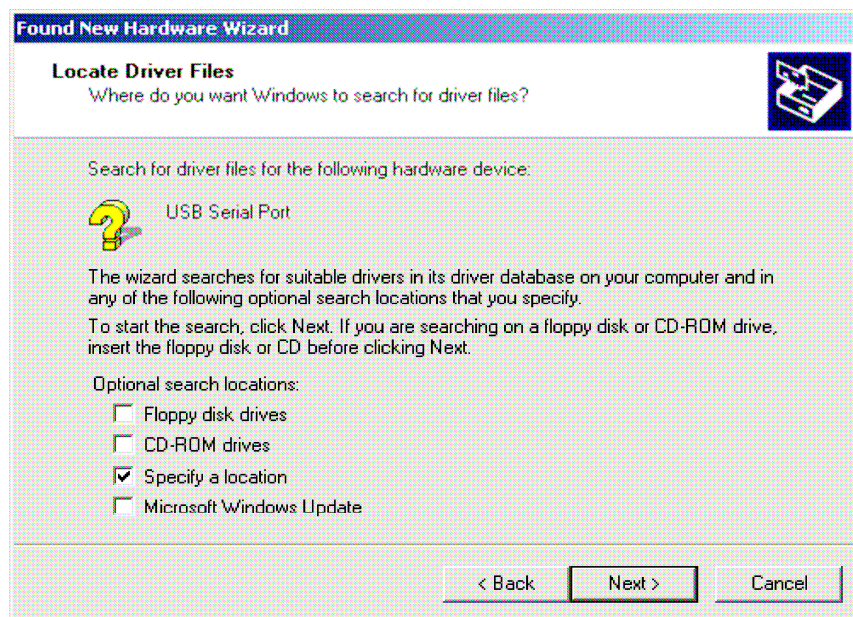
10. The "Found New Hardware" Wizard should now launch automatically to install the virtual COM Port drivers. Click "Next" to proceed.
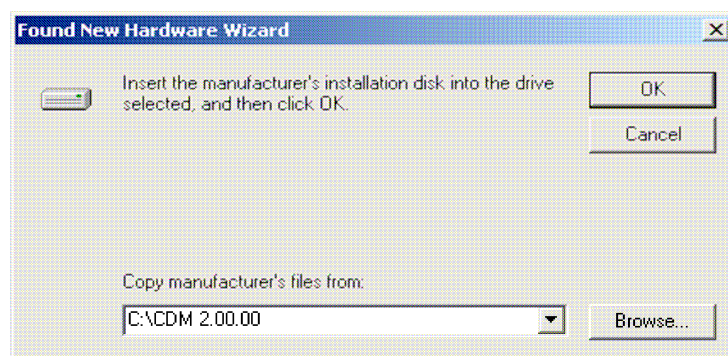

11. Select "Search for a suitable driver for my device (recommended)" as shown below and then click "Next".
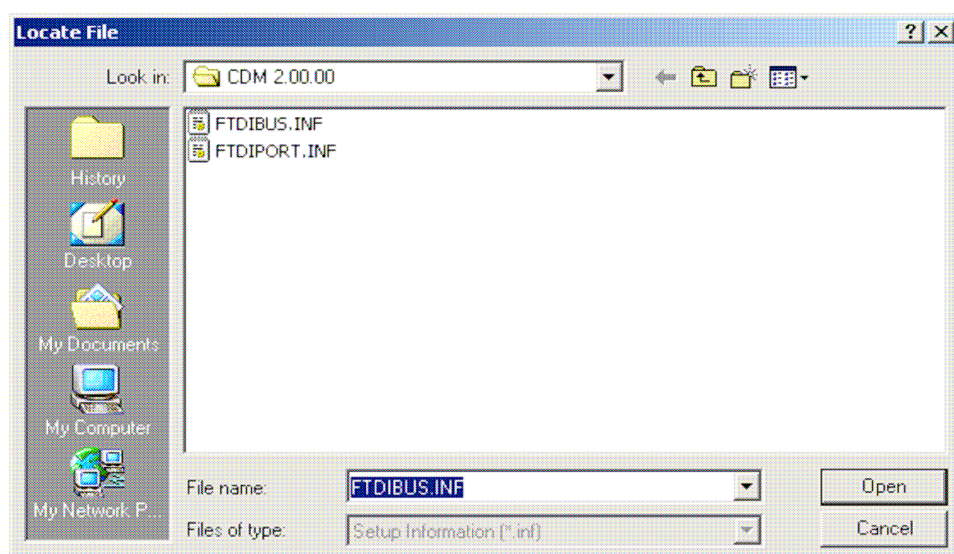
12. Check the box next to "Specify a location" and uncheck all others as shown below.
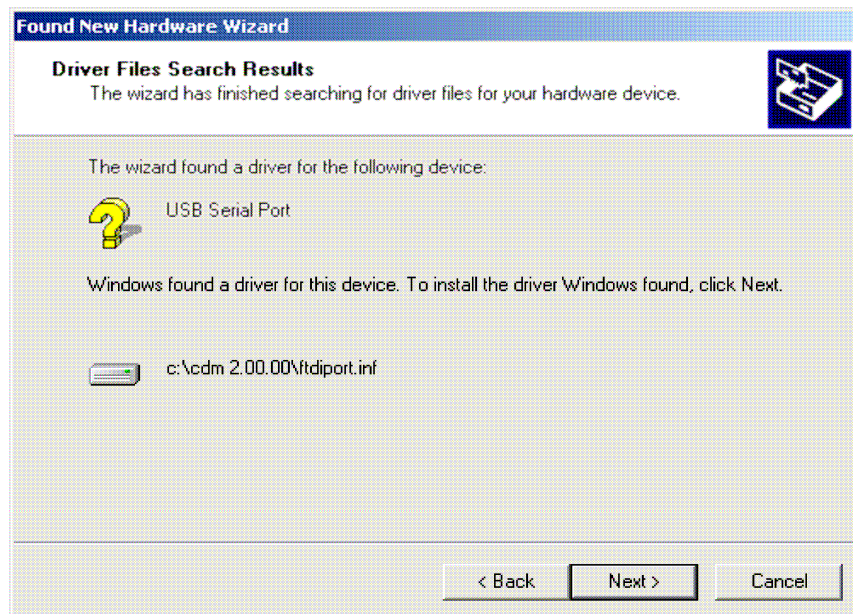

13. Clicking "Next" displays a dialog box for you to enter to the location of the drivers.

14. Click "Browse" to display an open file dialog box.

15. Locate the folder containing the USB drivers and click "Open", then click "OK". The PC auto-selects the correct INF file, in this case FTDIPORT.INF. Once Windows has found the required driver .INF file, click "Next" to proceed.

16. Windows should then display a message indicating that the installation was successful. Click "Finish" to complete the installation for this port of the device.
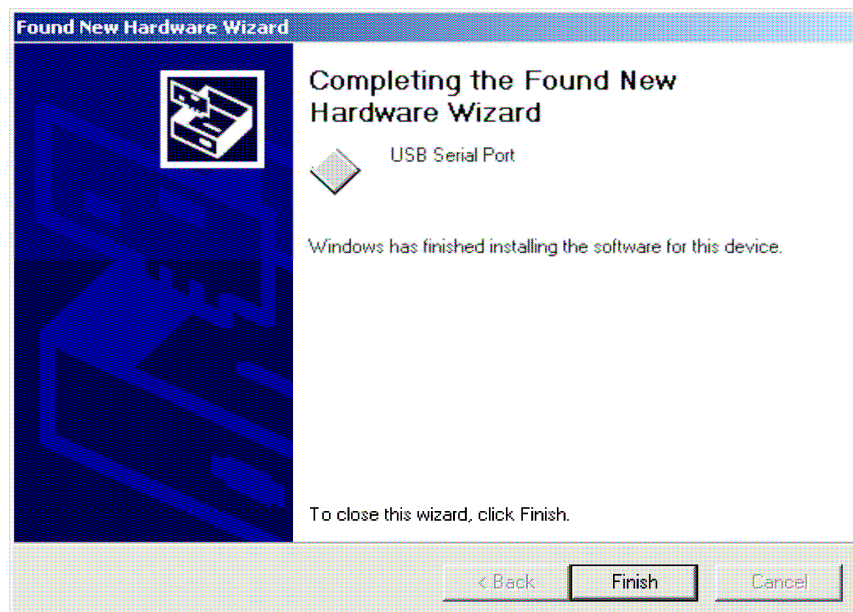
17. To find out the port number of the USB Serial Port, go to "Control Panel -> System", click on "Device Manager" and scroll down to the Ports menu entry. The device appears as a "USB Serial Converter" with an additional COM port with the label "USB Serial Port".
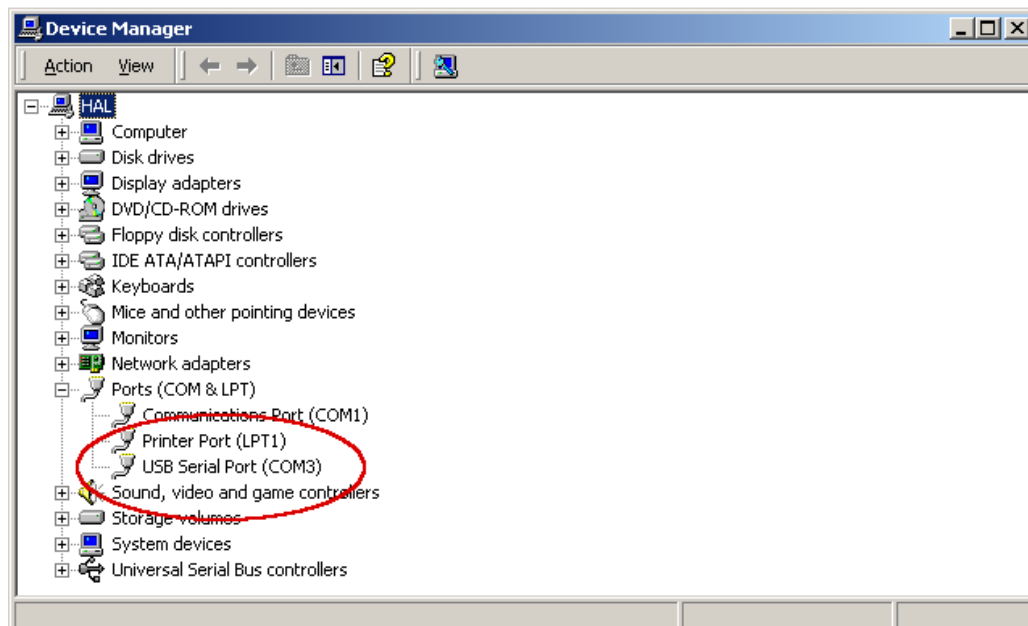
Appendix 2

Manually Installing the USB Drivers on Windows XP

If the USB drivers do not install during Setup and you connect the Audessence Controller via USB, the drivers will either load automatically, or the connection will not be recognized by the operating system. Follow the instructions below to install the drivers manually.

1. If you are running Windows XP or Windows XP SP1, temporarily disconnect your PC from the Internet. This can be done by either removing the network cable from your PC or by disabling your network card by going to the "Control Panel -> Network and Dial-Up Connections", right-clicking on the appropriate connection and selecting "Disable" from the menu. The connection can be re-enabled after the installation is complete. This is not necessary under Windows XP SP2 if configured to ask before connecting to Windows Update. Windows XP SP2 can have the settings for Windows Update changed through "Control Panel -> System", selecting the "Hardware" tab and clicking "Windows Update".

2. If there is no available Internet connection or Windows XP SP2 is configured to ask before connecting to Windows Update, the "Found New Hardware Wizard" below is shown. Select "No, not this time" from the options available and then click "Next" to proceed with the installation. If there is an available Internet connection, Windows XP will silently connect to the Windows Update website and install any suitable driver it finds for the device in preference to the driver manually selected.

Select "Install from a list or specific location (Advanced)" as shown below and then click "Next".
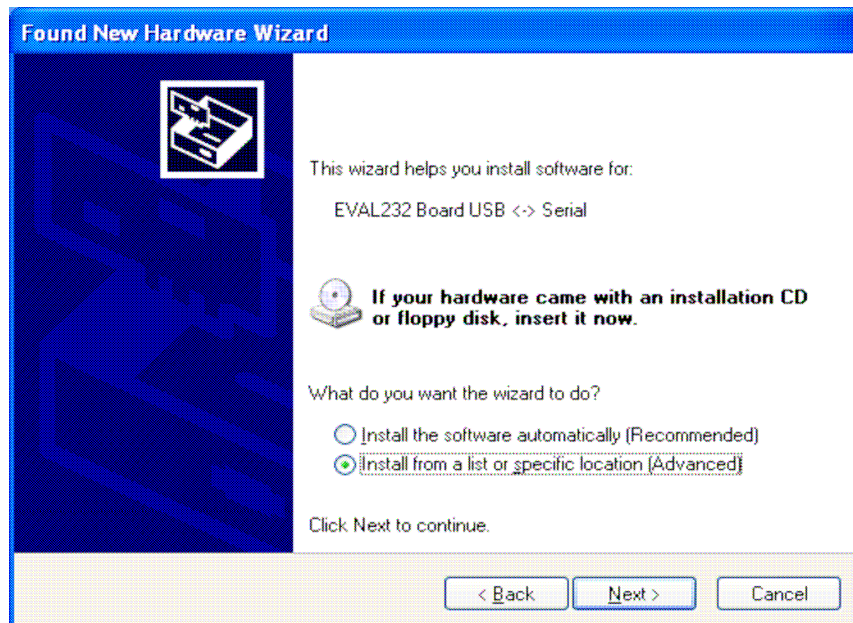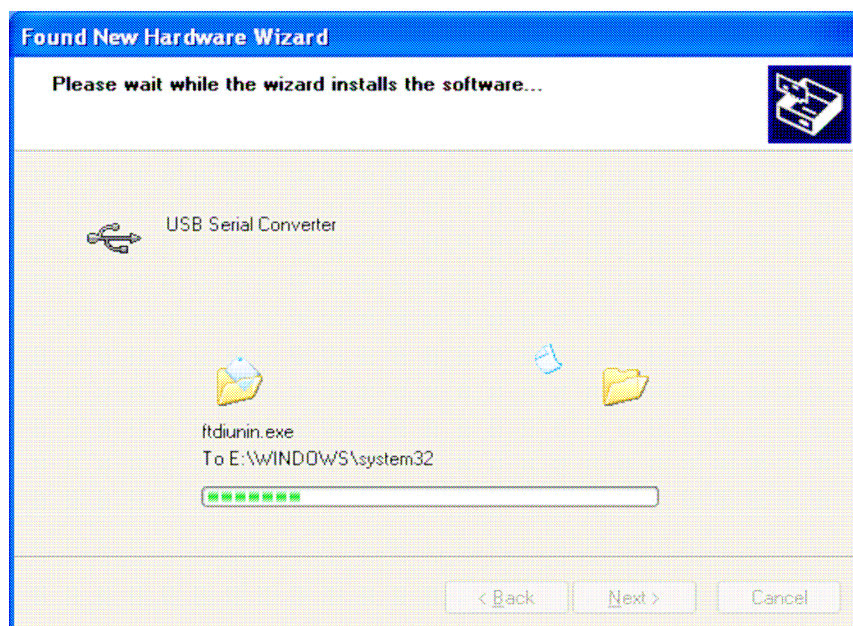

3. Select "Search for the best driver in these locations" and enter the directory path in the combo-box ("E:\CDM 2.00.00" in the example below) or browse to it by clicking the browse button. Once the directory path has been entered in the box, click next to proceed.
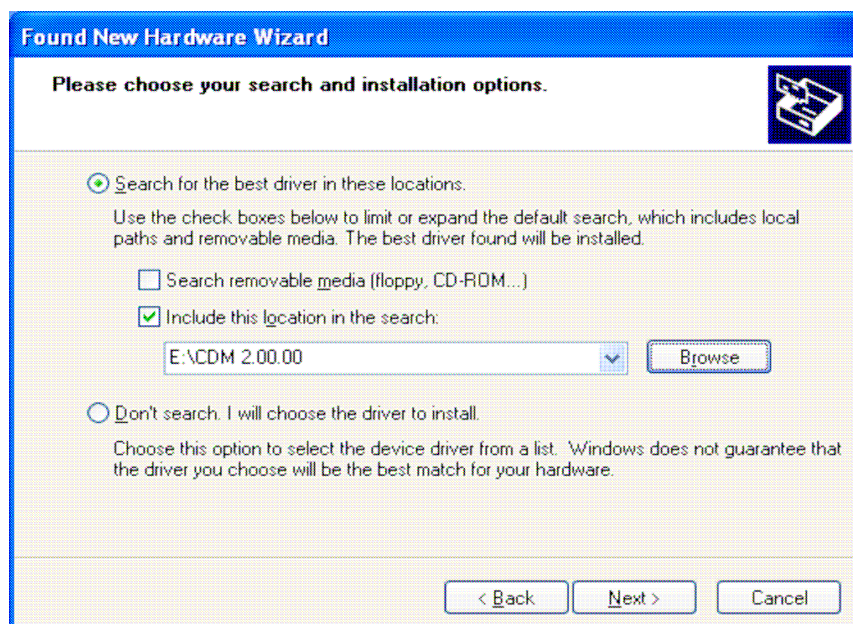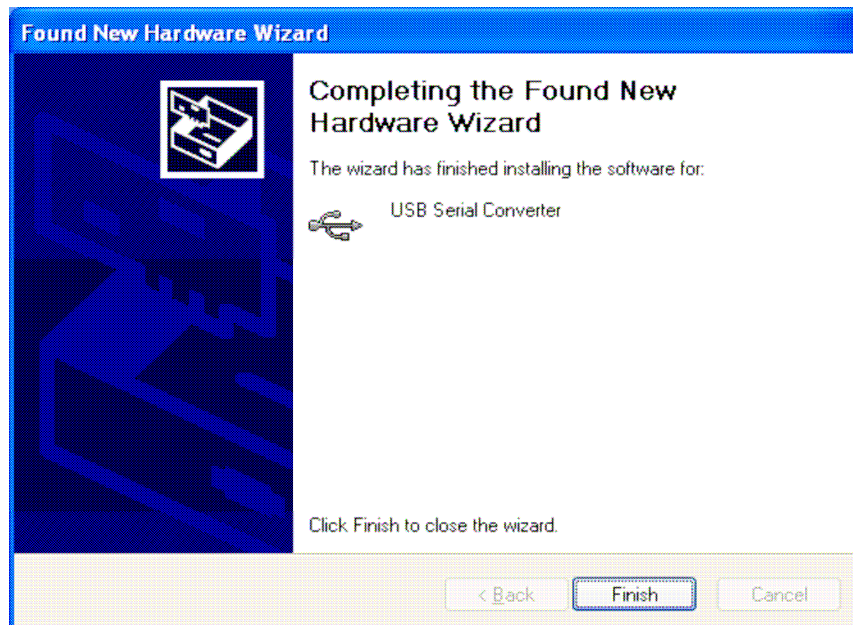
4. If Windows XP is configured to warn when unsigned (non-WHQL certified) drivers are about to be installed, the following screen will be displayed unless installing a Microsoft WHQL certified driver. Click on "Continue Anyway" to continue with the installation. If Windows XP is configured to ignore file signature warnings, no message will appear.

The following screen will be displayed as Windows XP copies the required driver files.

5. Windows should then display a message indicating that the installation was successful. Click "Finish" " to complete the installation for the serial converter driver. The COM port emulation driver must be installed next.


6. The Found New Hardware Wizard will launch automatically to install the COM port emulation drivers. As above, select "No, not this time" From the options and click "Next" to proceed with the installation.

Select "Install from a list or specific location (Advanced)" as shown below and then click "Next".
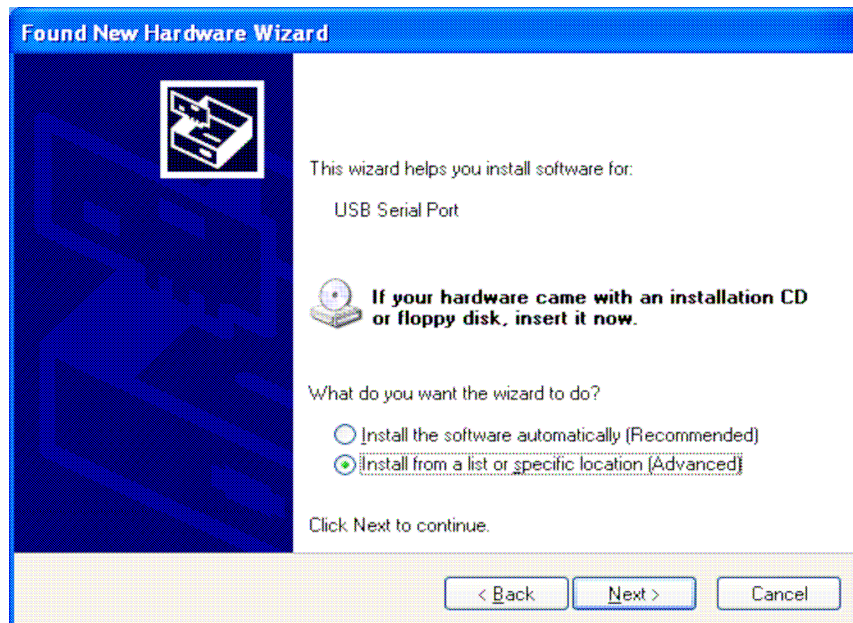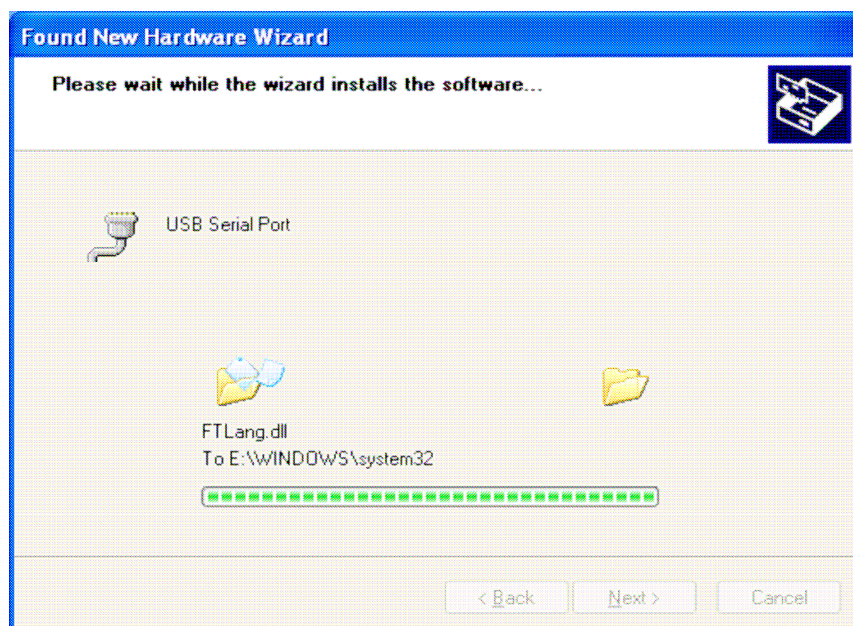

7. Select "Search for the best driver in these locations" and enter the directory path in the combo-box ("E:\CDM 2.00.00" in the example below) or browse to it by clicking the browse button. Once the directory path has been entered in the box, click next to proceed.
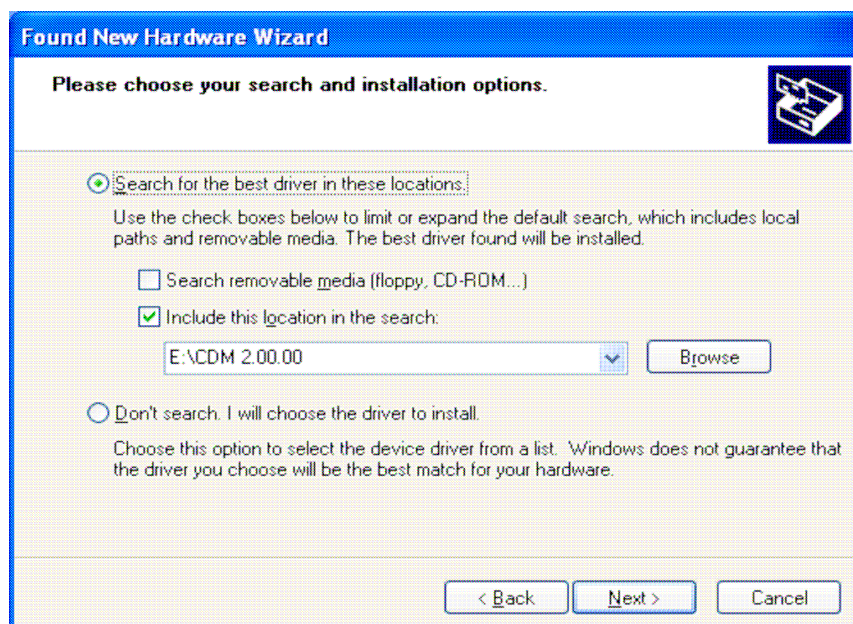
8. If Windows XP is configured to warn when unsigned (non-WHQL certified) drivers are about to be installed, the following screen will be displayed unless installing a Microsoft WHQL certified driver. Click on "Continue Anyway" to continue with the installation. If Windows XP is configured to ignore file signature warnings, no message will appear.


The following screen will be displayed as Windows XP copies the required driver files.

9. Windows should then display a message indicating that the installation was
    successful. Click "Finish" to complete the installation.
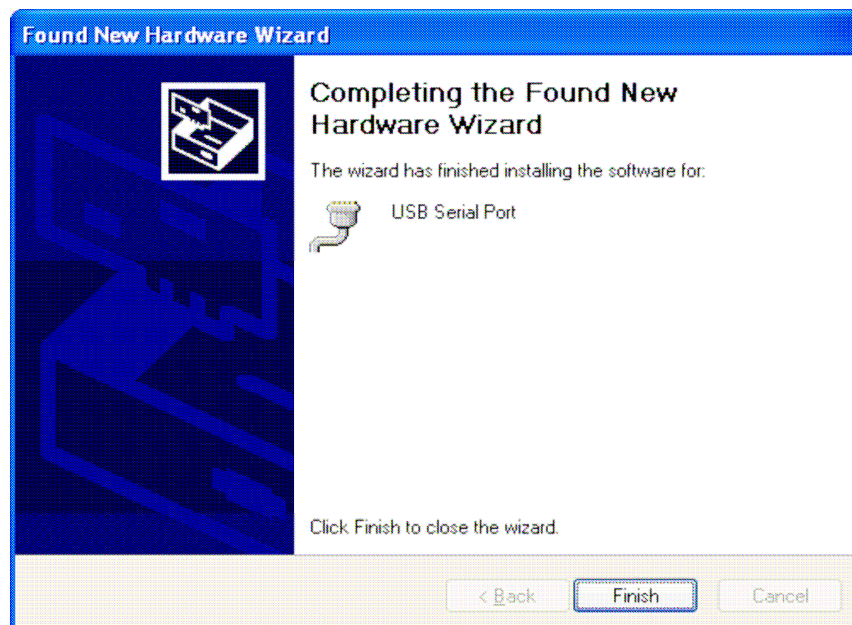
To find out the port number of the USB Serial Port, go to "Control Panel -> System",
click on "Device Manager" and scroll down to the Ports menu entry. The device
appears as a "USB Serial Converter" with an additional COM port with the label "USB
Serial Port".
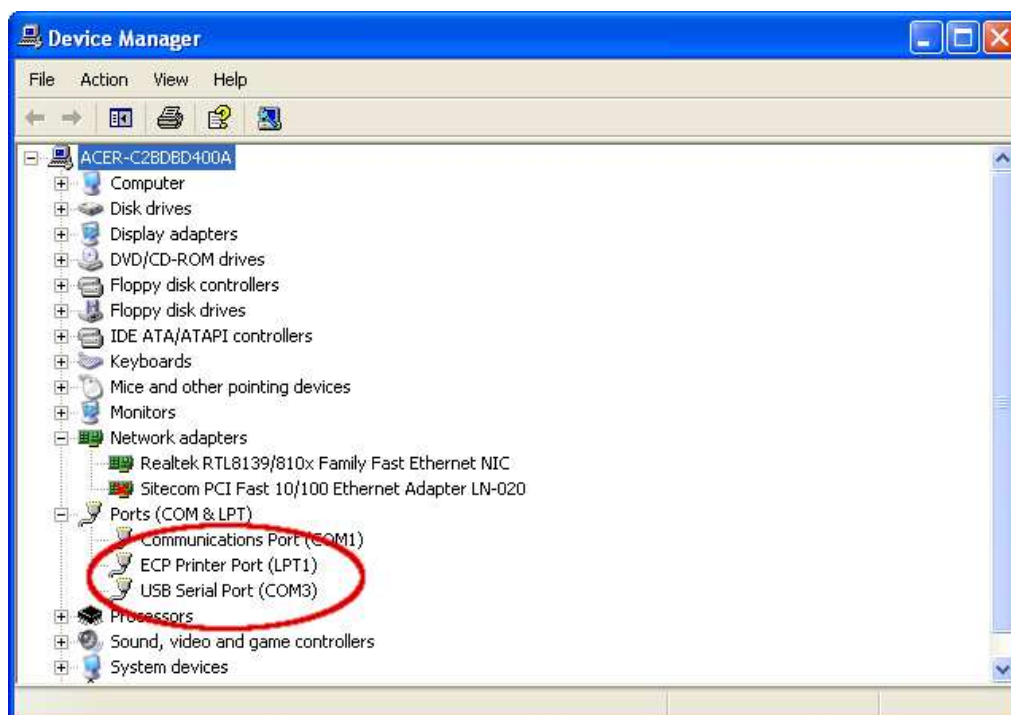
Appendix 3

Uninstalling the USB Drivers

To uninstall the FTDI USB drivers start *FTClean.exe* in the FTClean folder on the Audessence CD. It is a very intuitive and easy to use tool, just follow the instructions.