Installing an Adrienne PCIe Time Code Card

Download the latest driver for the Adrienne PCIe TC card which can be found at
http://www.adrielec.com/Downloads.htm
The latest driver can be found under the PCIe-TC Files (PCI Express) heading on Adrienne
Electronics website.

Download the zip driver file to your desktop (or your desired location) and unzip the file.

In the past it was recommended that you move the sdbus.inf and sdbus.pnf files from the
C:\WINDOWS\inf directory, you no longer need to perform this step and it is no longer
recommended to do so by Adrienne Electronics

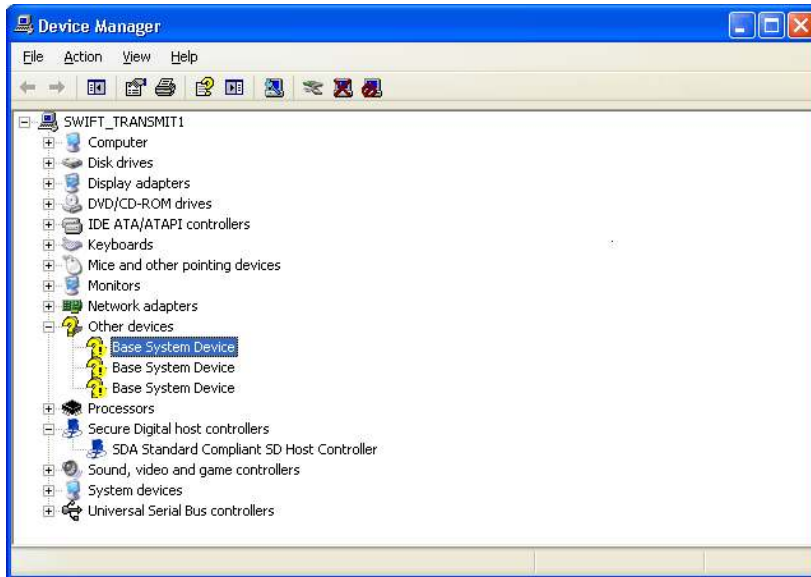Install the Adrienne PCIe TC card into an available PCIe slot.

Start your system, Microsoft will find "New Hardware" a total of four (4) New Hardware will be
found.
There will be three (3) Base System Devices and one (1) SDA Host Controller (the naming may
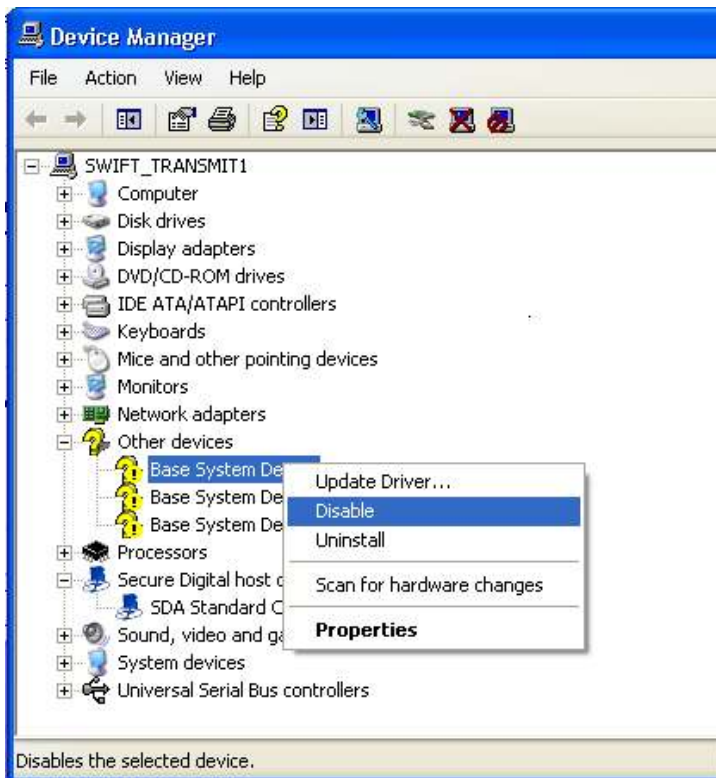vary).

Open Device Manager and perform the following steps

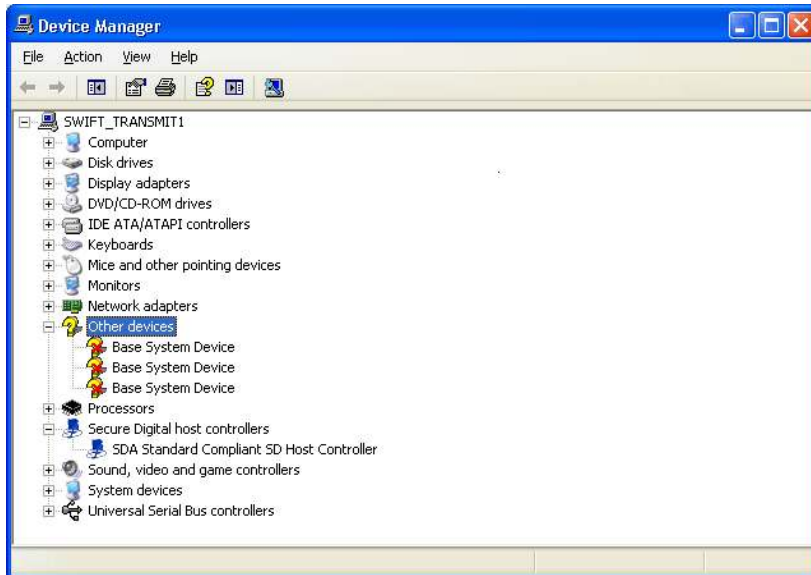You will see the Base System Devices under Other devices

Right Click on each Base System Device and disable them, you no longer need to install the NULL driver for these devices. These devices are not used.
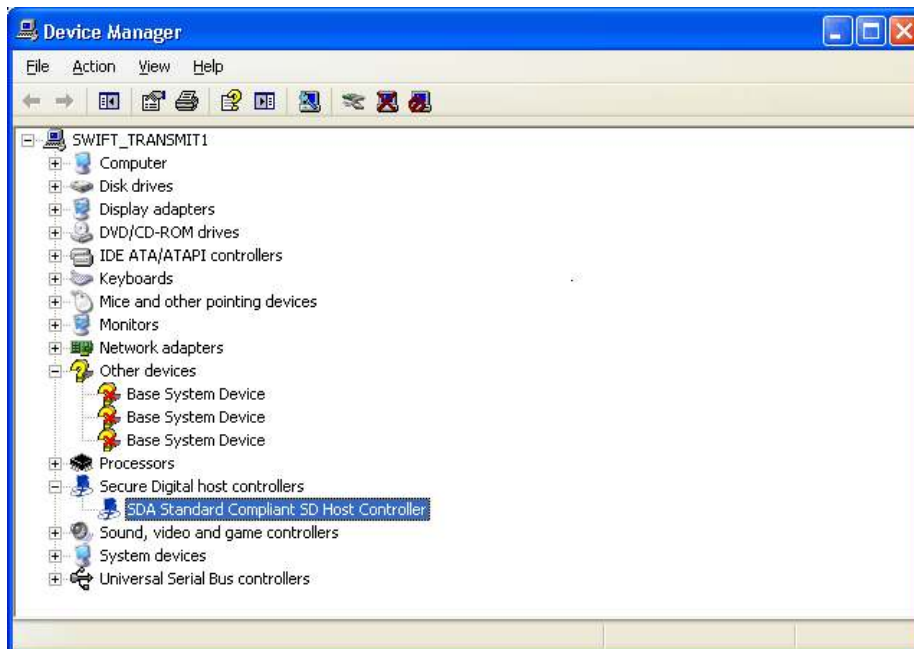

You will be warned that by disabling the device, the device will no longer function. Click Yes to disable the device
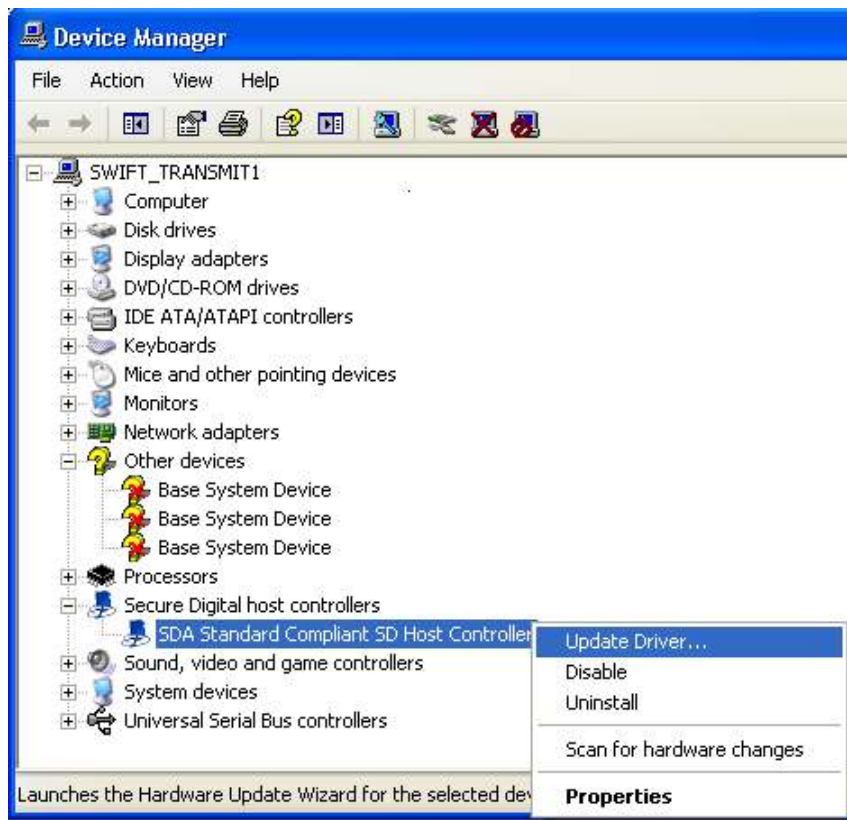
Base System Device

⚠ Disabling this device will cause it to stop functioning. Do you really want to disable it?

[Yes]   [No]

Repeat this procedure for all Base System Devices

Device Manager

File   Action   View   Help

SWIFT_TRANSMIT1
- Computer
- Disk drives
- Display adapters
- DVD/CD-ROM drives
- IDE ATA/ATAPI controllers
- Keyboards
- Mice and other pointing devices
- Monitors
- Network adapters
- **Other devices**
  - Base System Device
  - Base System Device
  - Base System Device
- Processors
- Secure Digital host controllers
  - SDA Standard Compliant SD Host Controller
- Sound, video and game controllers
- System devices
- Universal Serial Bus controllers

The SD Host Controller is the Adrienne PCIe TC Card which requires the Adrienne Driver.

Device Manager

File   Action   View   Help

SWIFT_TRANSMIT1
- Computer
- Disk drives
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- DVD/CD-ROM drives
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- Mice and other pointing devices
- Monitors
- Network adapters
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  - Base System Device
  - Base System Device
  - Base System Device
- Processors
- Secure Digital host controllers
  - SDA Standard Compliant SD Host Controller
- Sound, video and game controllers
- System devices
- Universal Serial Bus controllers

Right click on the SD Host Controller and Select Update Driver (the next steps are very important, DO NOT allow Microsoft to install the driver).
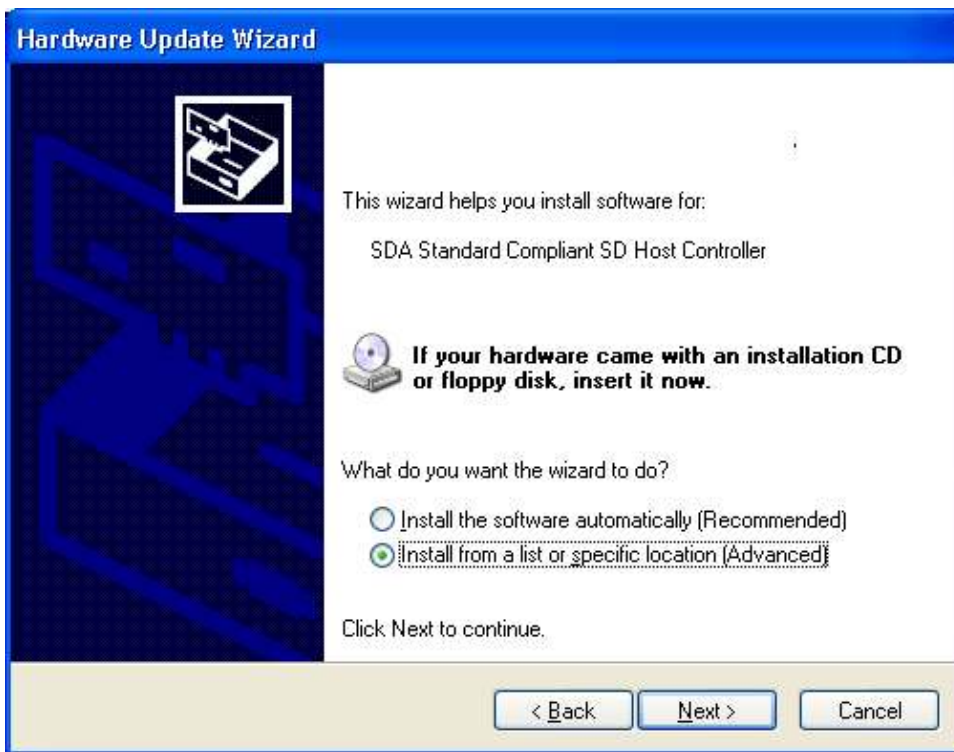
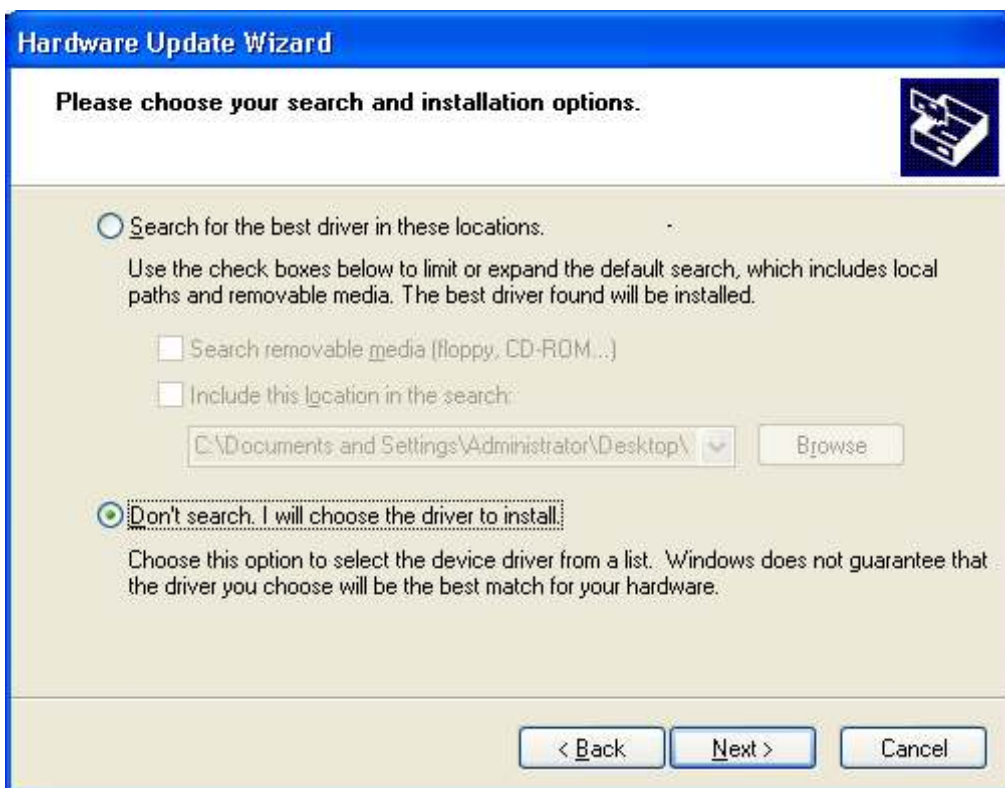The Hardware Update Wizard will launch

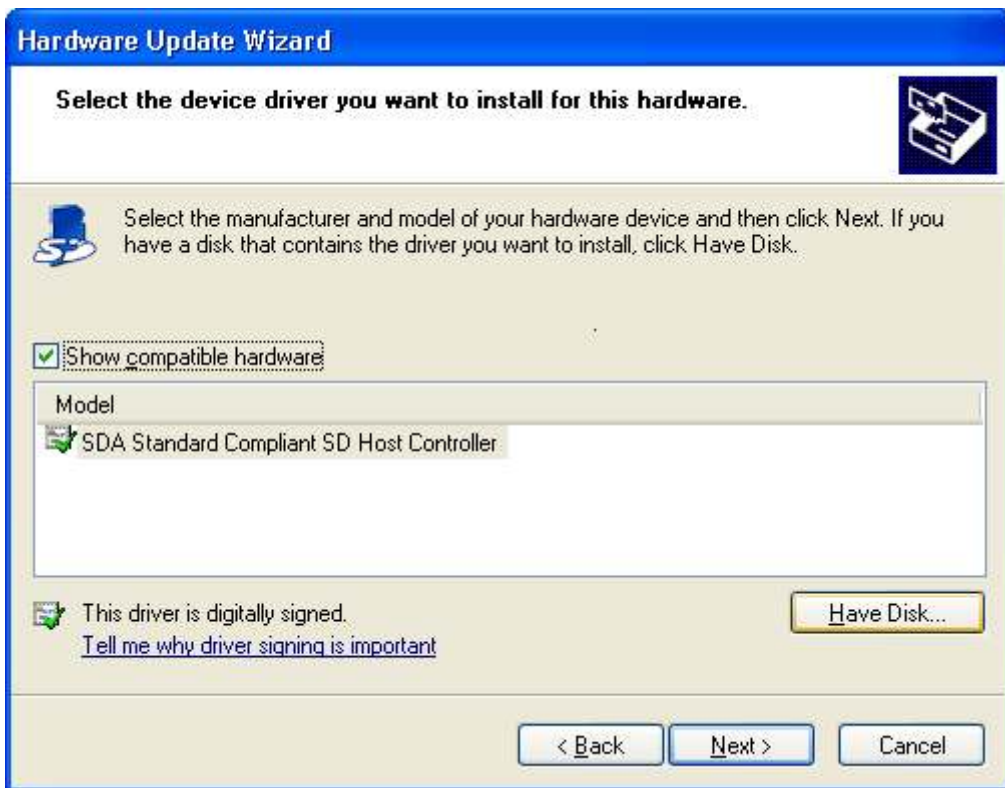On the first screen select No, not this time click Next

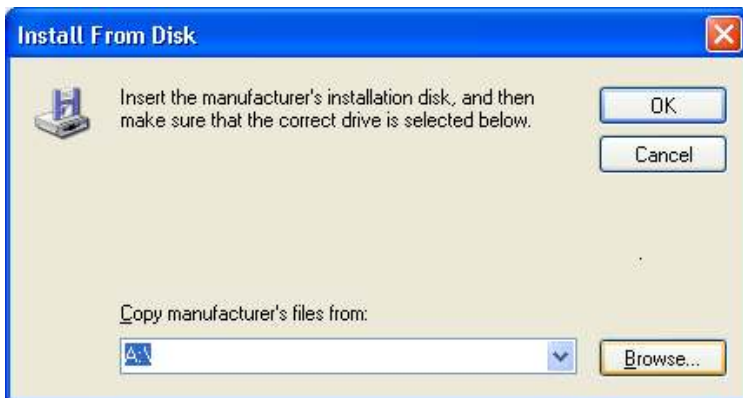On the second screen select Install from a list or specific location (Advanced), click Next

On the third screen select Don't search. I will choose the driver to install, click Next
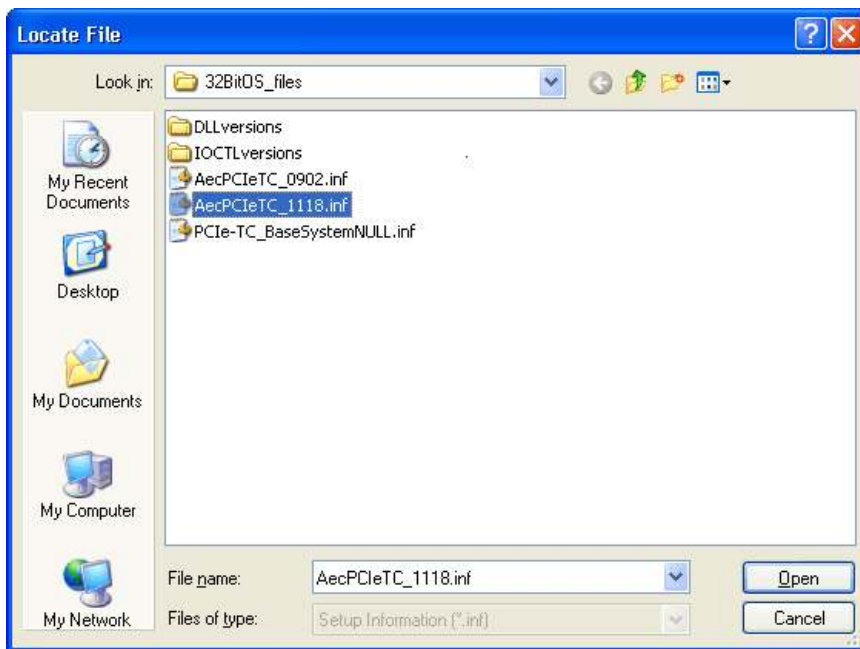

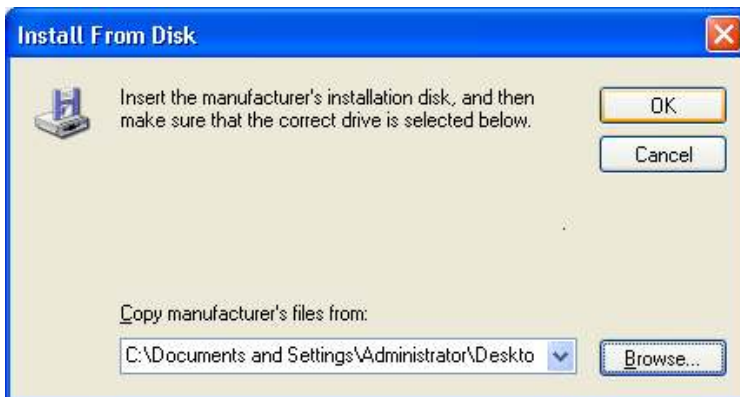On the next screen click on Have Disk, click Next
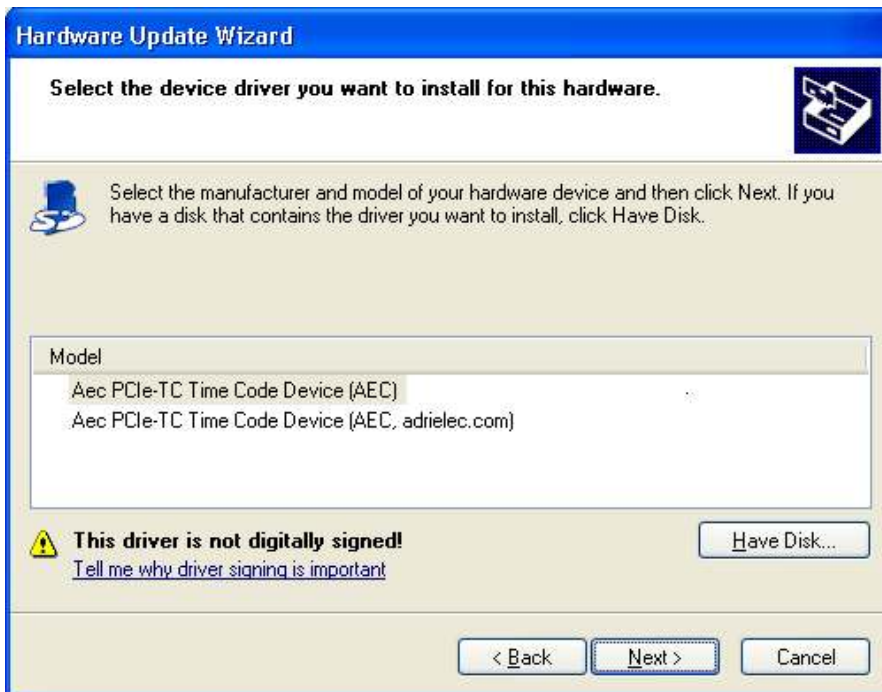
Browse to where the Driver is located.

For XP Pro 32 bit systems the driver is located in the Adrienne Driver directory that you previously downloaded and unzipped, this is located in the 32BitOS_files directory. The Driver to use is the AecPCIeTC_1118.inf. select this driver and click Open
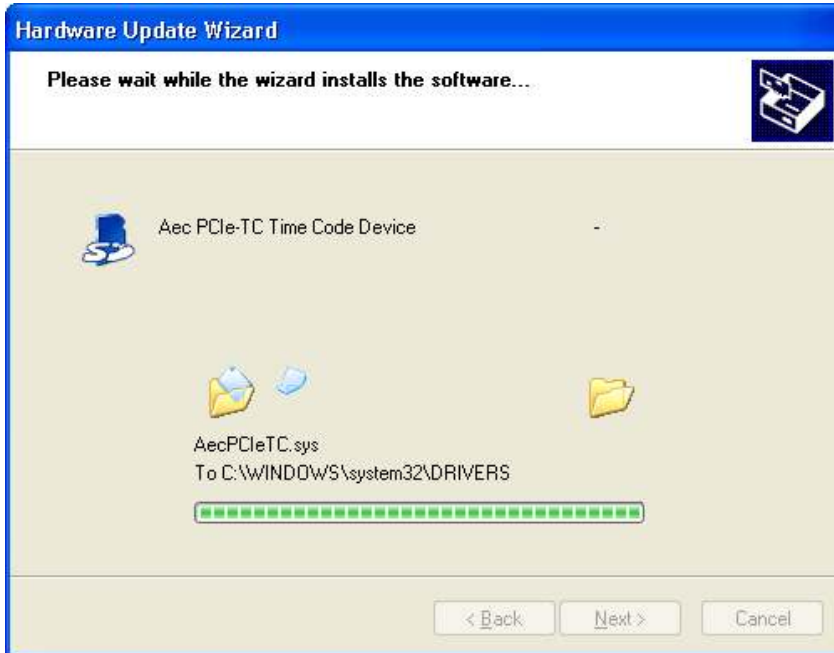
On the next screen click OK

Click next on the next screen
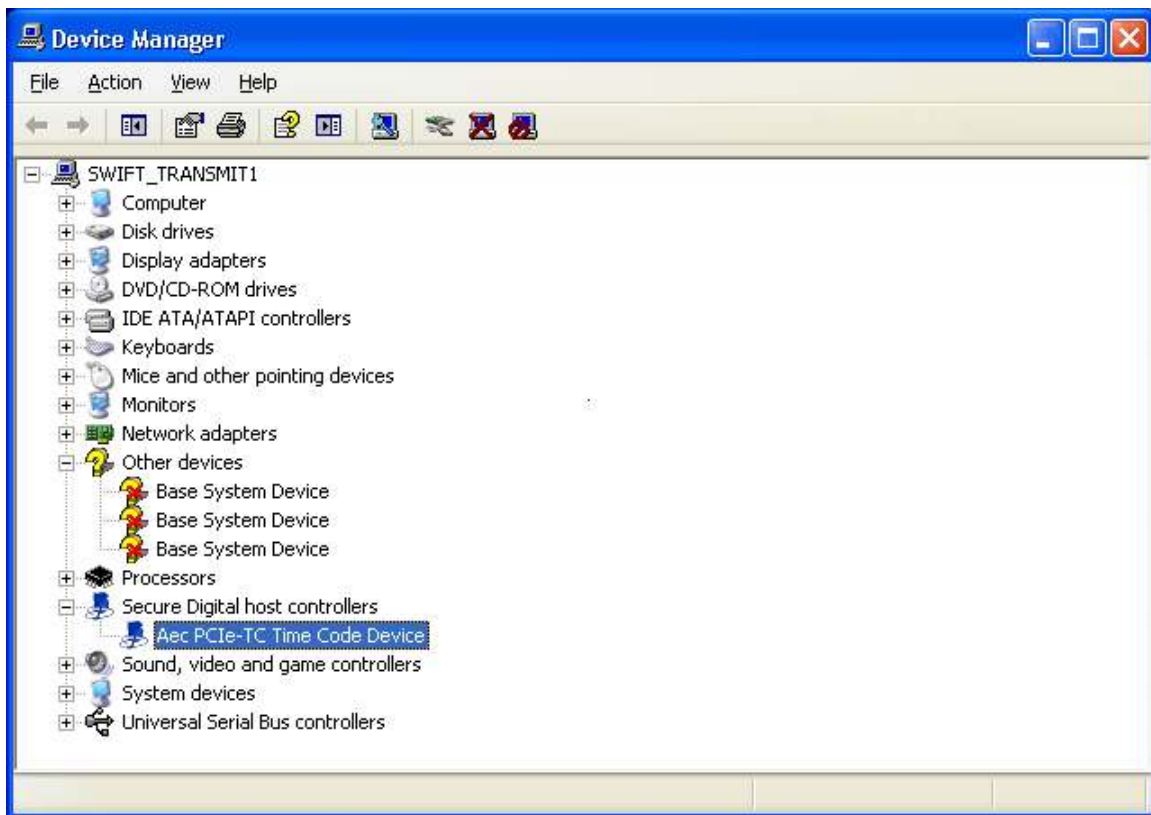
Click Yes to install the Driver

Update Driver Warning

⚠️ Installing this device driver is not recommended because Windows cannot verify that it is compatible with your hardware. If the driver is not compatible, your hardware will not work correctly and your computer might become unstable or stop working completely. Do you want to continue installing this driver?

[Yes] [No]

Wait for the Driver to Install

Hardware Update Wizard

Please wait while the wizard installs the software...

Aec PCIe-TC Time Code Device   -

AecPCIeTC.sys
To C:\WINDOWS\system32\DRIVERS

[< Back] [Next >] [Cancel]

Click Finish when prompted

Hardware Update Wizard

Completing the Hardware Update Wizard

The wizard has finished installing the software for:

Aec PCIe-TC Time Code Device

Click Finish to close the wizard.

[< Back] [Finish] [Cancel]

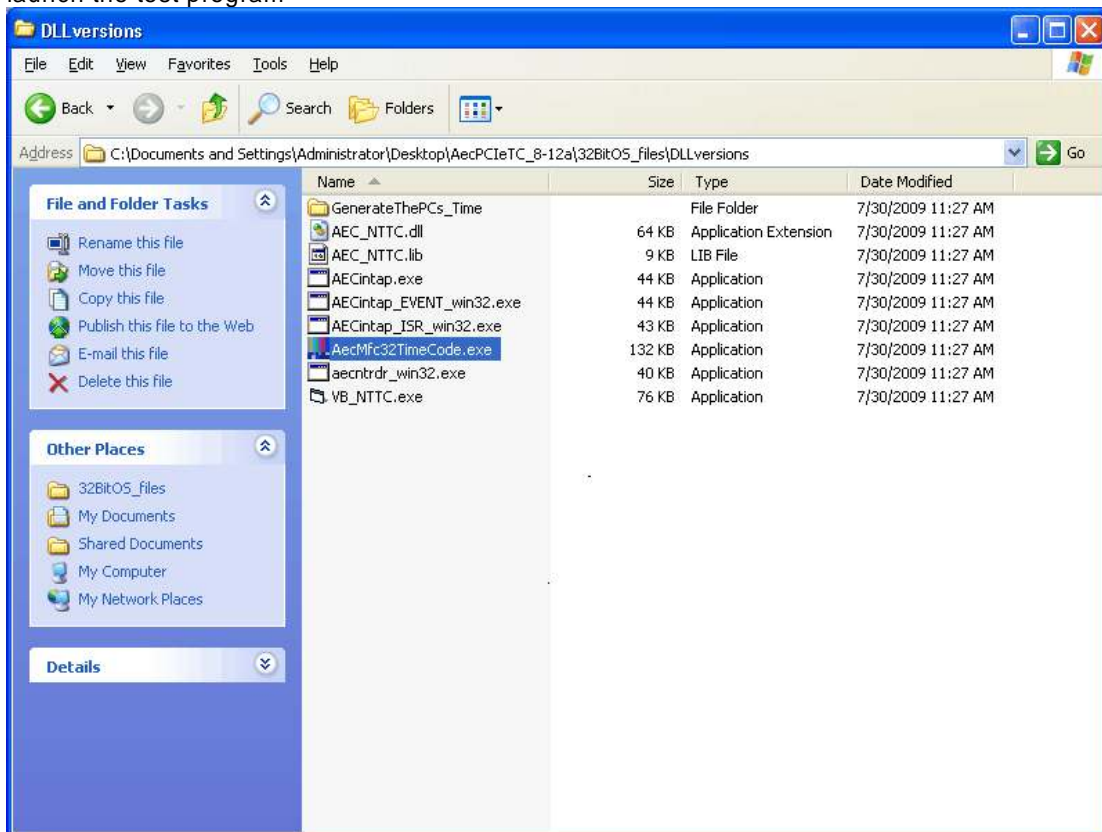You should now see the SD Host controller renamed to Aec PCIe-TC Time Code Device in the Device Manager

Testing the Adrienne PCIe time Code card.

Connect a suitable time code source to the Adrienne Time Code Card.
Inside the Driver directory that you downloaded and unzipped, there is a TC test program that
Adrienne supplies. This is located in the 32BitOS_files\DLL versions directory. Click on this to
launch the test program

Click on Run to run the program

You should see Time Code advancing in the upper left hand corner (circled here in red)