







COLUMBIA (GA-8SIML) Drivers Installation



Drivers Win 9X/ME

Version	Released	Details	Size
Ver.4.13.01.2050	18/03/2002	 Video int	
<u>Ver 5.10.00.7170</u>	18/03/2002	 AC97audio	
Ver 6.0.20.70	18/03/2002	 AGP drivers	

Drivers Win XP

Version	Released	Details	Size
Ver 6.13.10.2050	18/03/2002	 video Int	
<u>Ver 5.10.00.7170</u>	18/03/2002	 AC97 audio	
Ver 6.0.20.70	18/03/2002	 AGP drivers	

Drivers Win NT

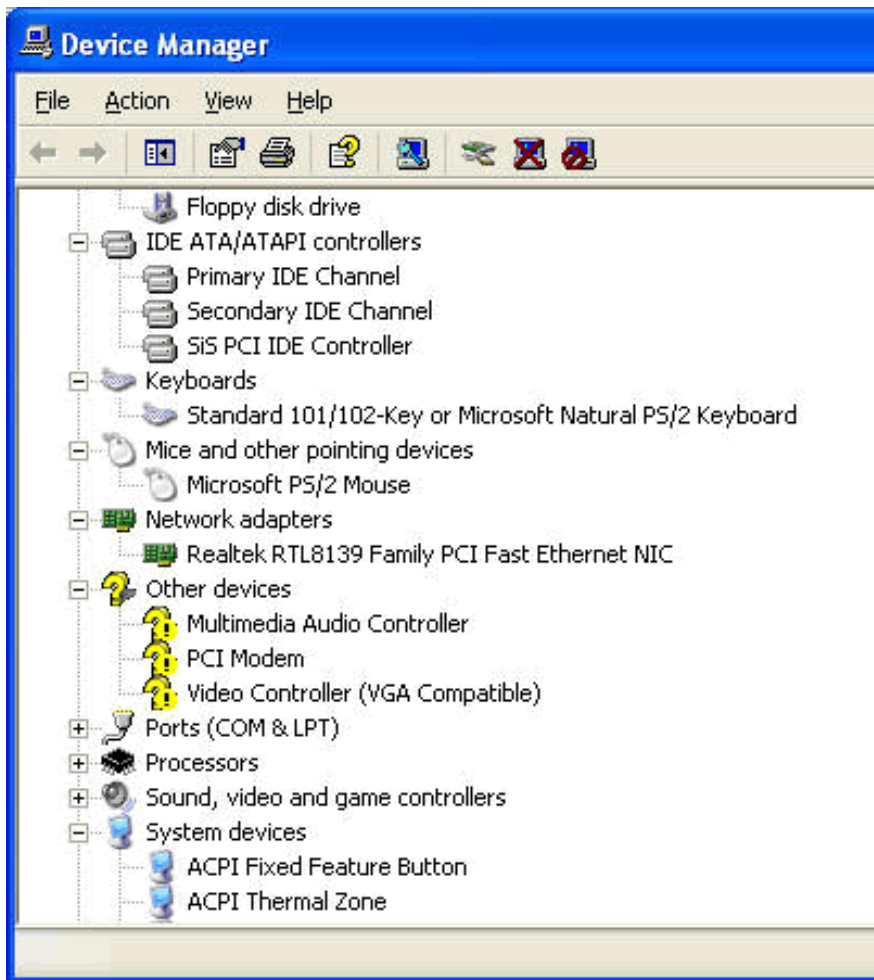
Version	Released	Details	Size
Ver 5.13.01.2050	18/03/2002	 video Int	
<u>Ver 6021</u>	18/03/2002	 AC97 audio	

Drivers installation required after installing Windows XP from the NEC Recovery CD

Check in the Device Manager for drivers which need to be reinstalled. Do as follows:

1. In Windows, click *Start*, then with the secondary mouse button click the *My Computer* icon.
2. In the context menu that appears, click *Properties*.
3. In the System Properties window, click the *Hardware* tab, then the *Device Manager* button

Check any drivers that need to be reinstalled (most of the time a yellow question mark will appear in front of the device). Use the NEC Utility CD V.2.06 or higher to reinstall the driver.



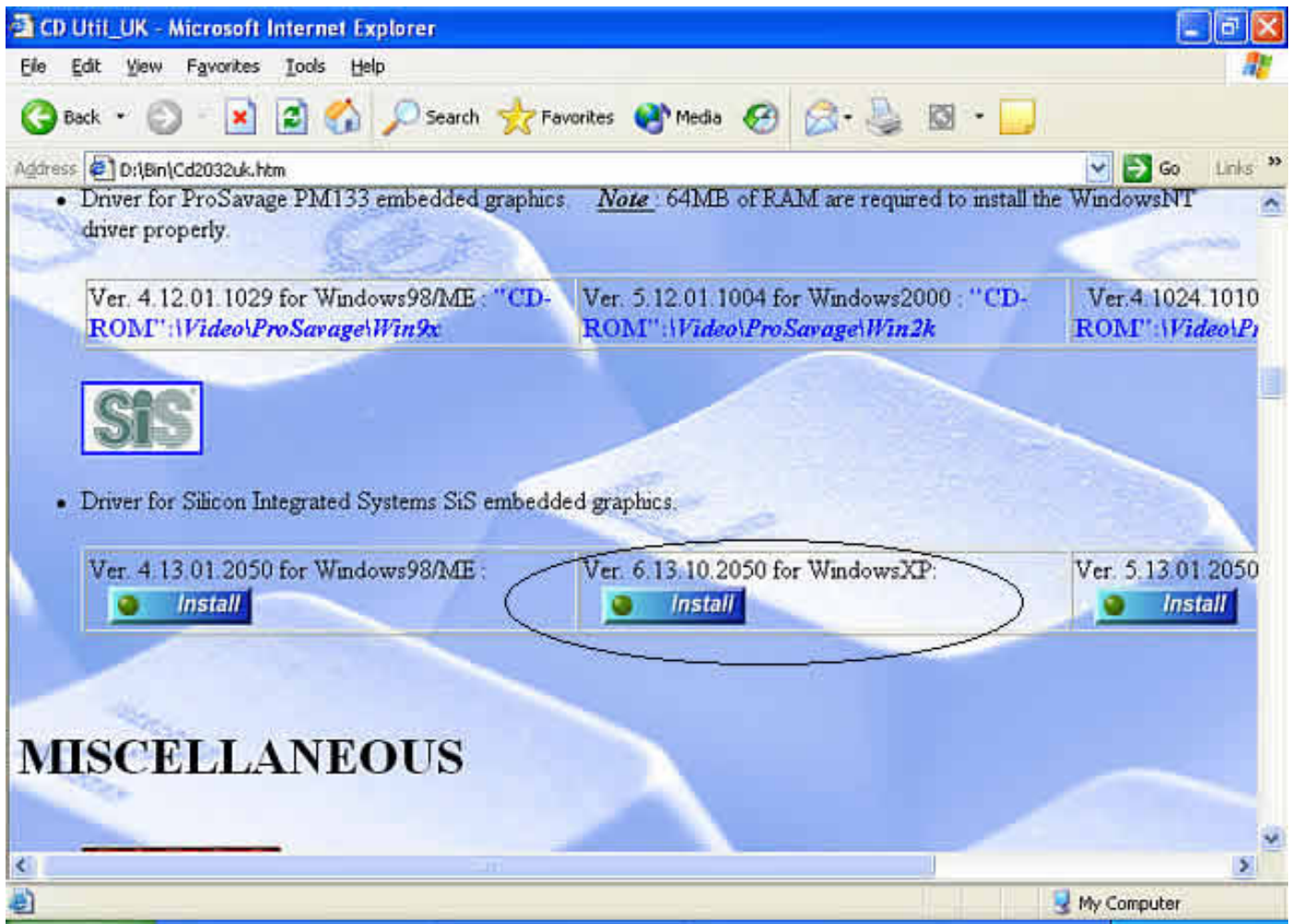
Three devices have to be reinstalled:

- The video controller (SiS 650)
- The modem (CNR)
- The multimedia audio controller (SigmaTel STAC9756T -audio Codec)

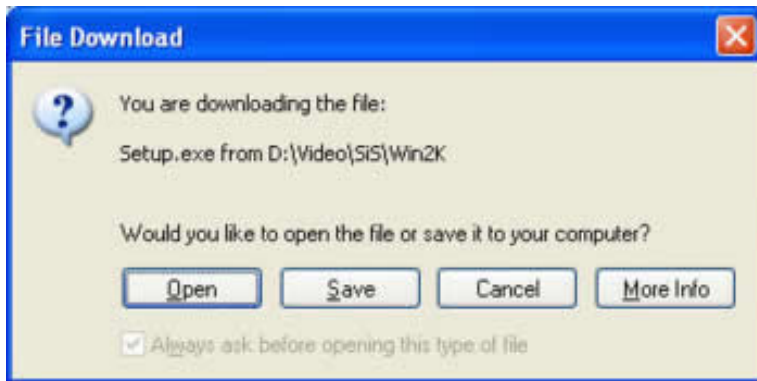
Note: The on-board Ethernet LAN controller is already installed (Realtek RTL8139 Family).

Video driver installation

1. Insert the NEC Utility CD, V2.06 or higher in the appropriate drive to install first the video controller.



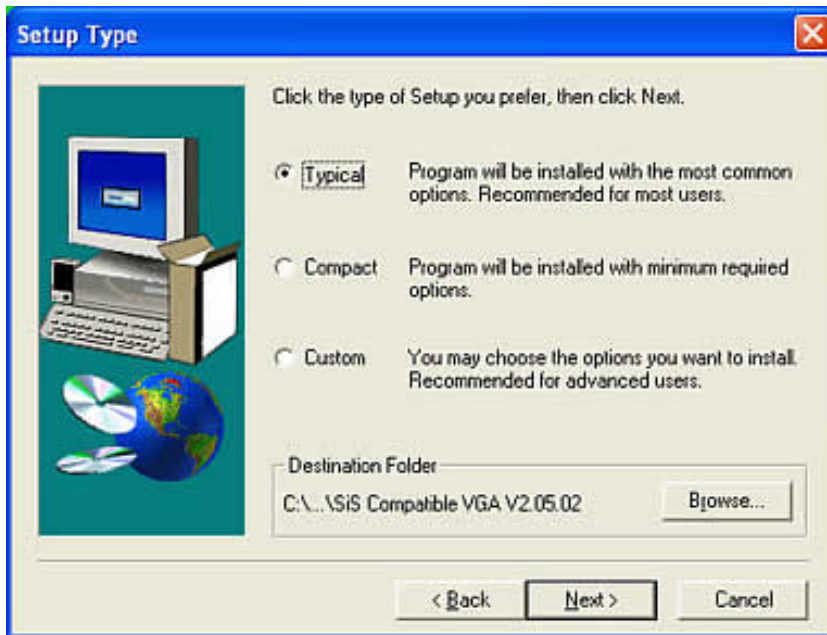
2. Choose the video SIS driver for Windows XP and click *Install*.



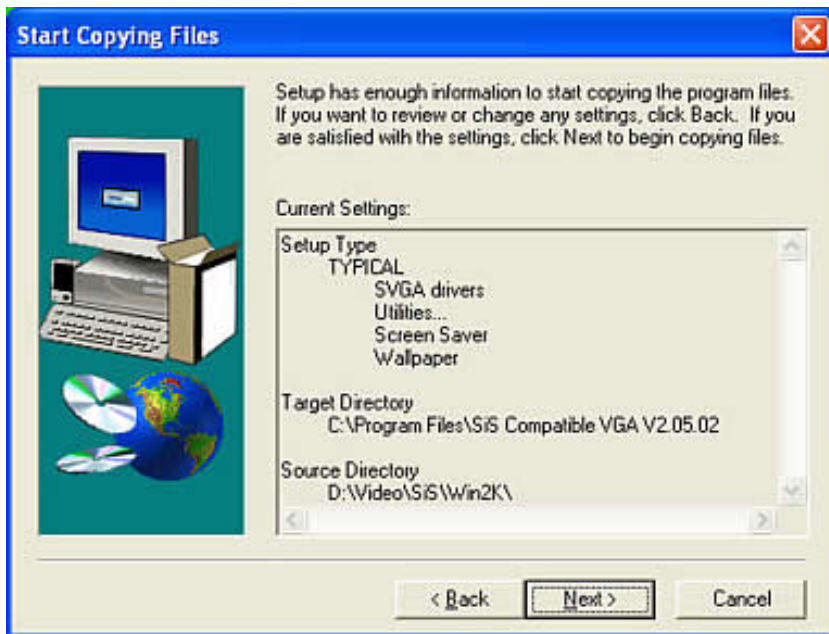
3. Click the *Open* button. A green screen titled SIS Compatible VGA Multimedia Package 2.05.02 with the following windows will appear.



4. Click *Next* to continue.



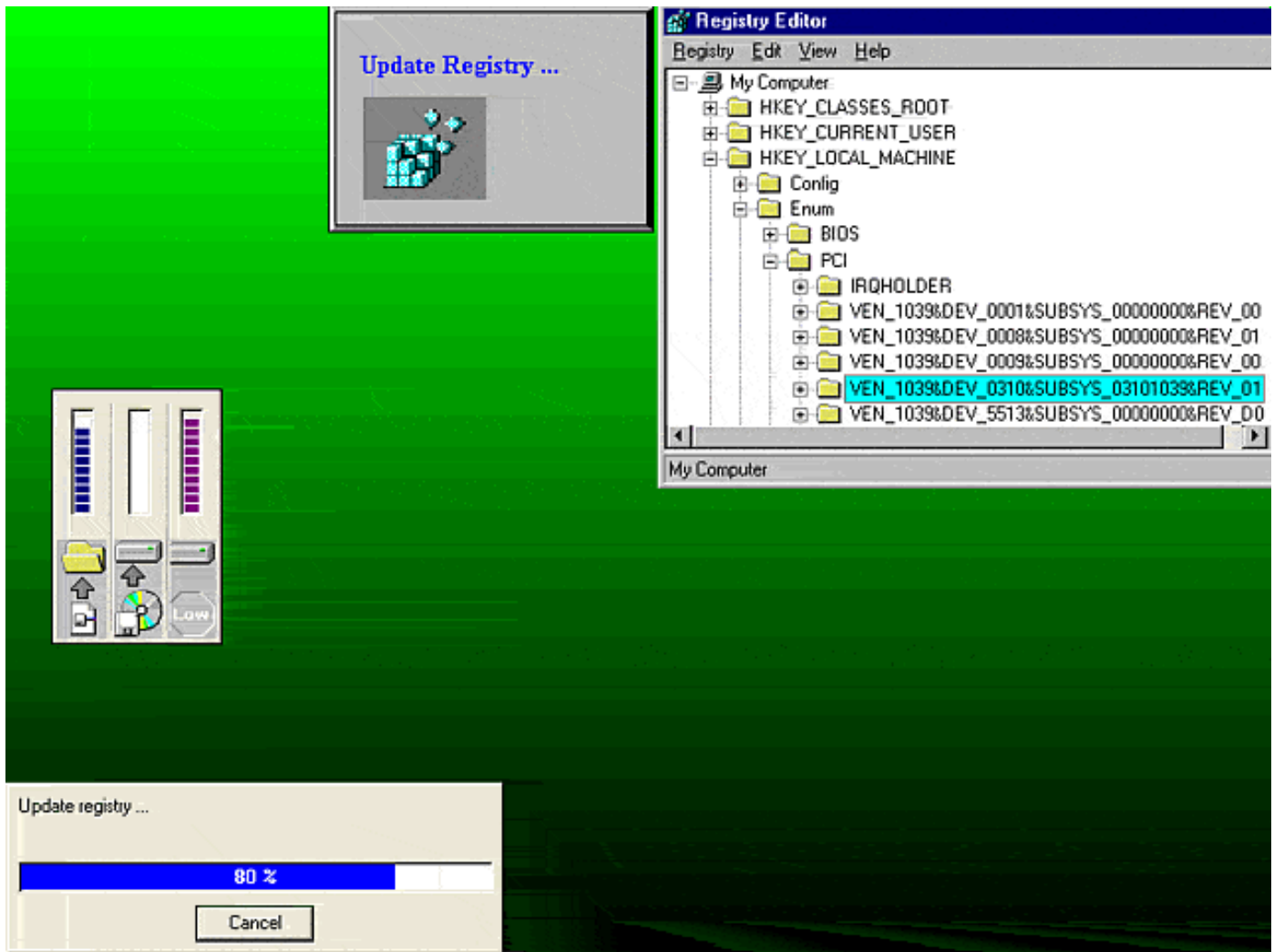
5. Select *Typical* and click *Next* to continue.



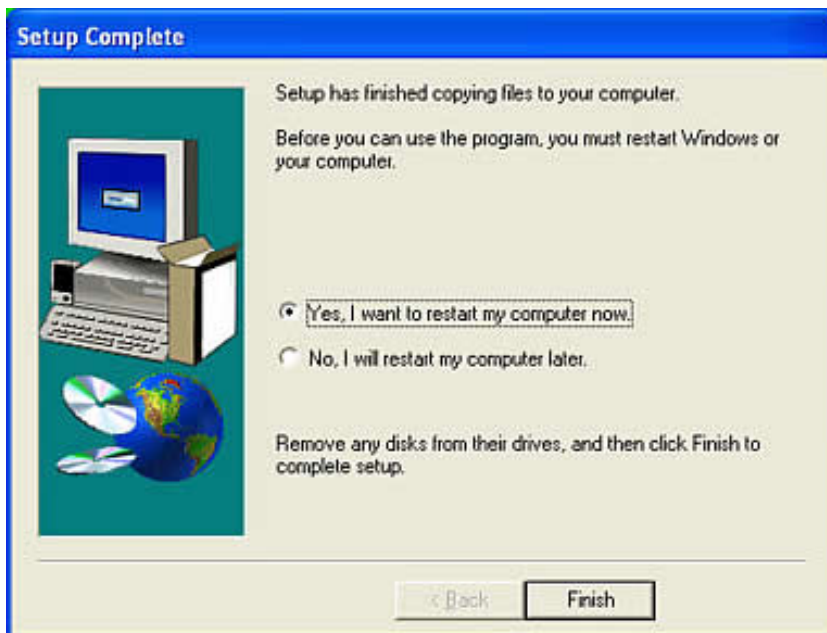
6. Click *Next* for Setup to start copying the program files. Different screens will appear. A progression bar will show the percentage of the files copied.



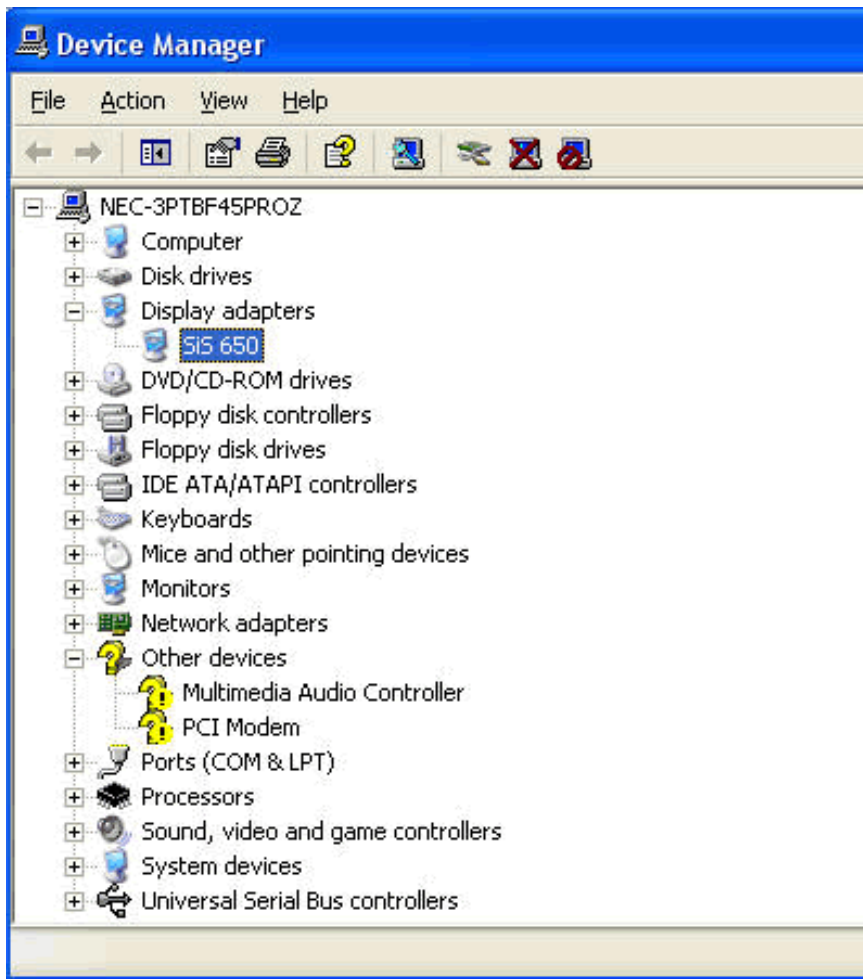
7. The last screen will show the registry update.



8. The Setup Complete window appears. Click *Finish* to complete the installation and restart the computer.

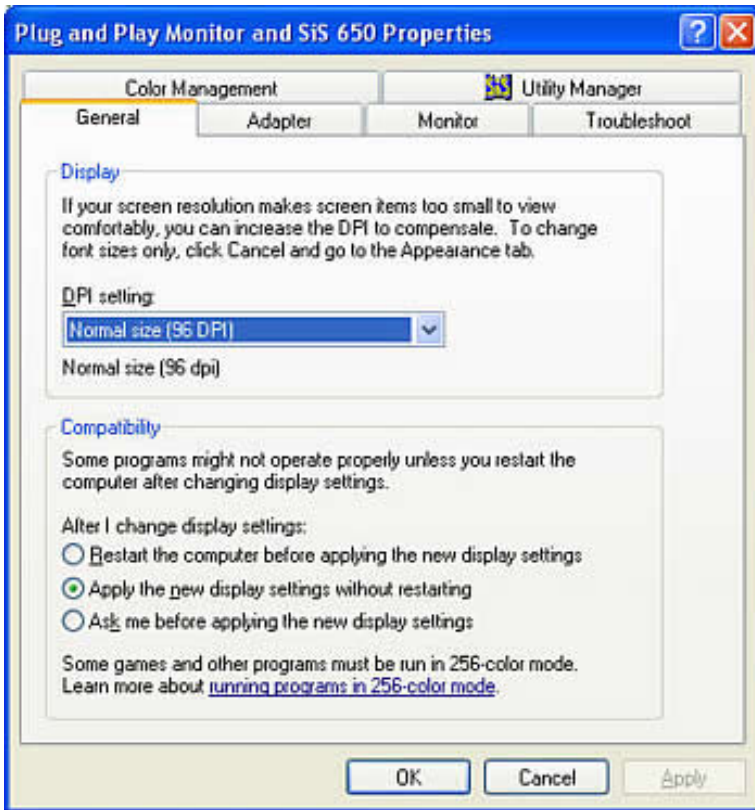


9. After boot the Device Manager will show the correct video driver installed

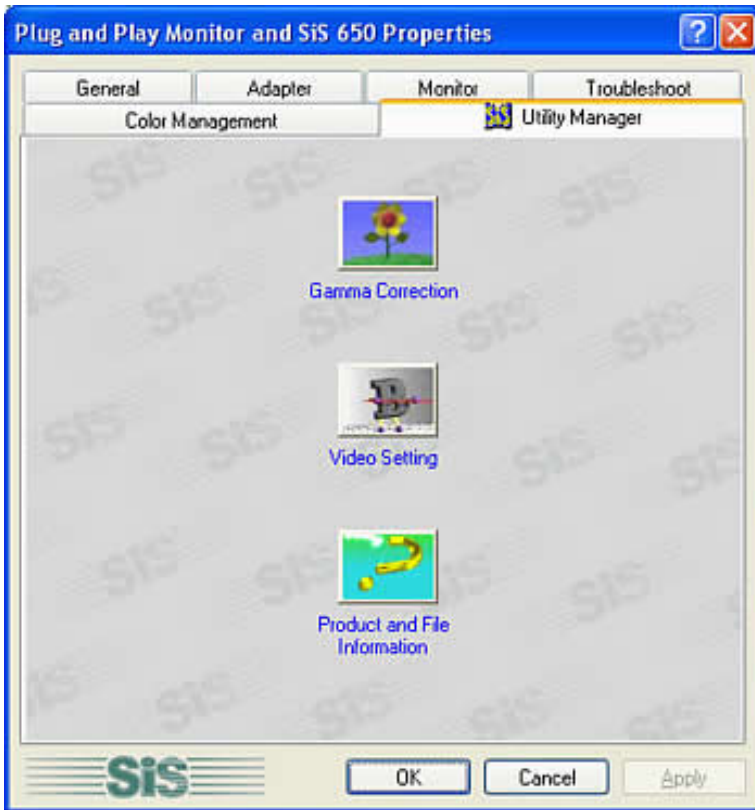


10. SIS 650 Utility Manager

In Windows Desktop right click and select the *Settings* tab. Click then *Advanced* .The following window appears.

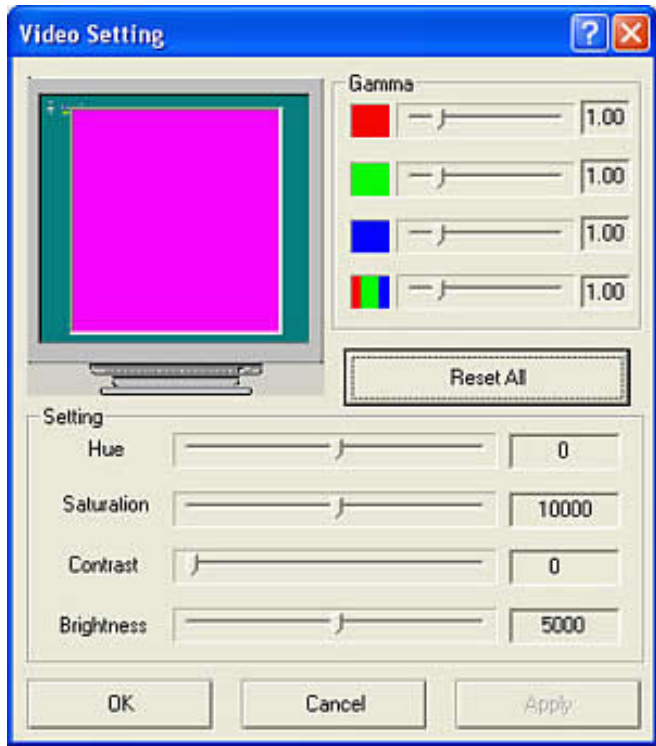
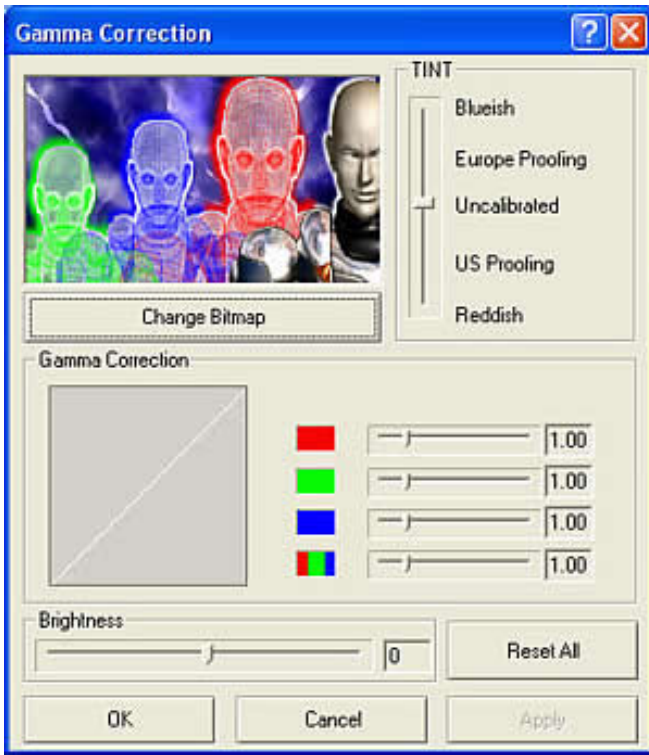


Click the *Utility Manager* tab and you will be presented with three options



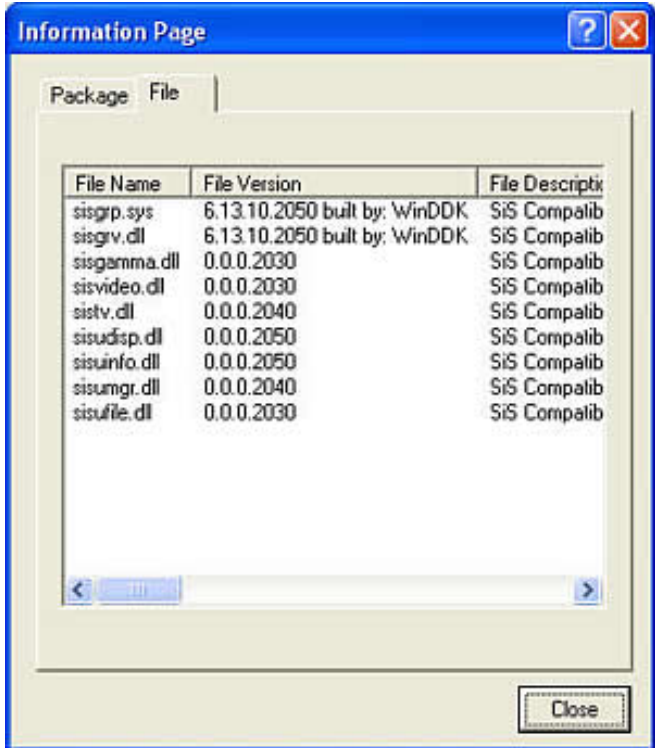
Clicking the *Gamma Correction* icon.

Clicking the *Video Setting* icon.

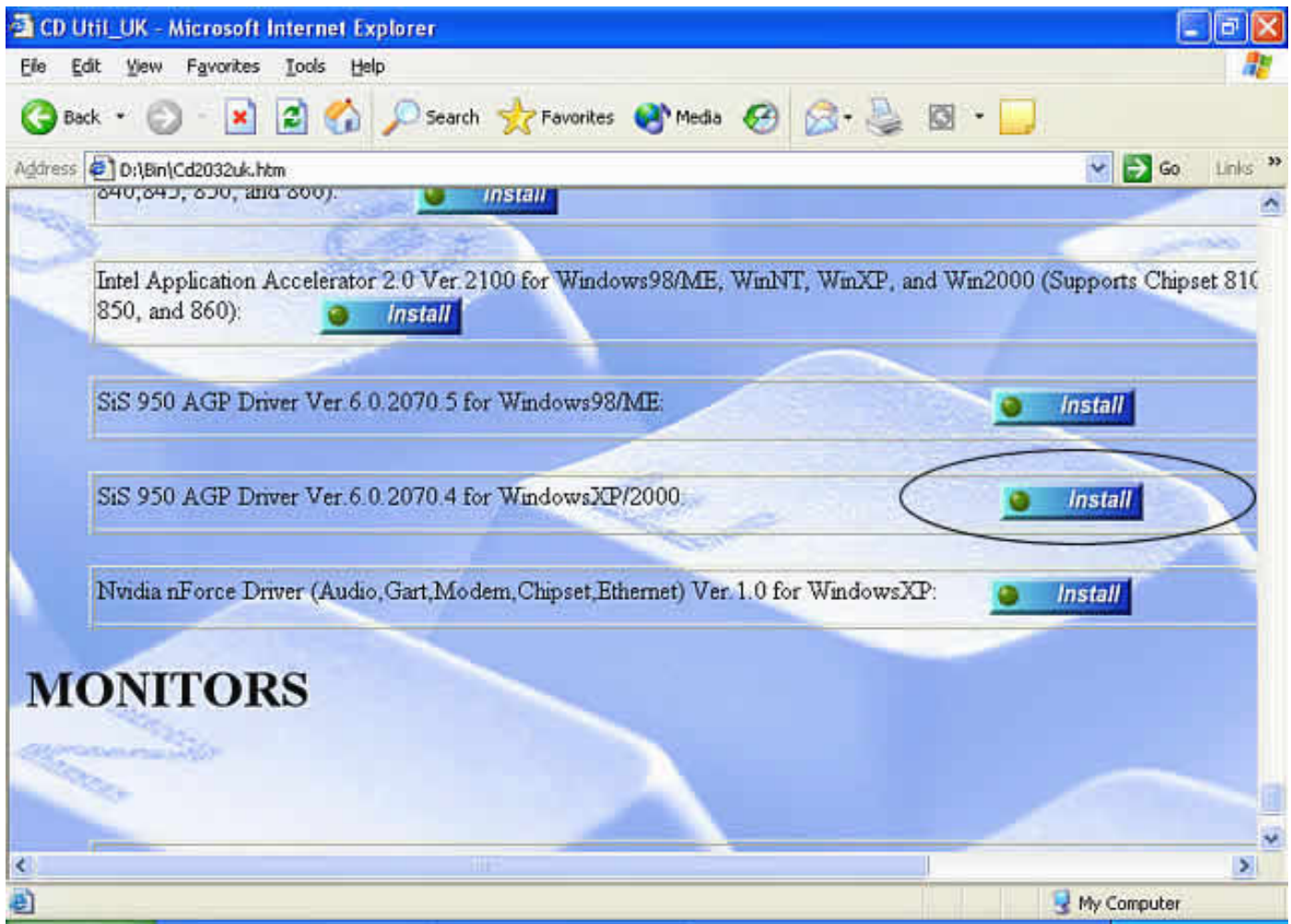


Clicking the *Product and File Information* icon.

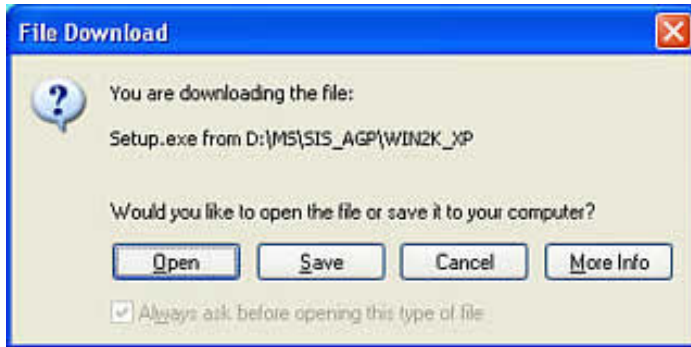
Clicking the *File* tab.



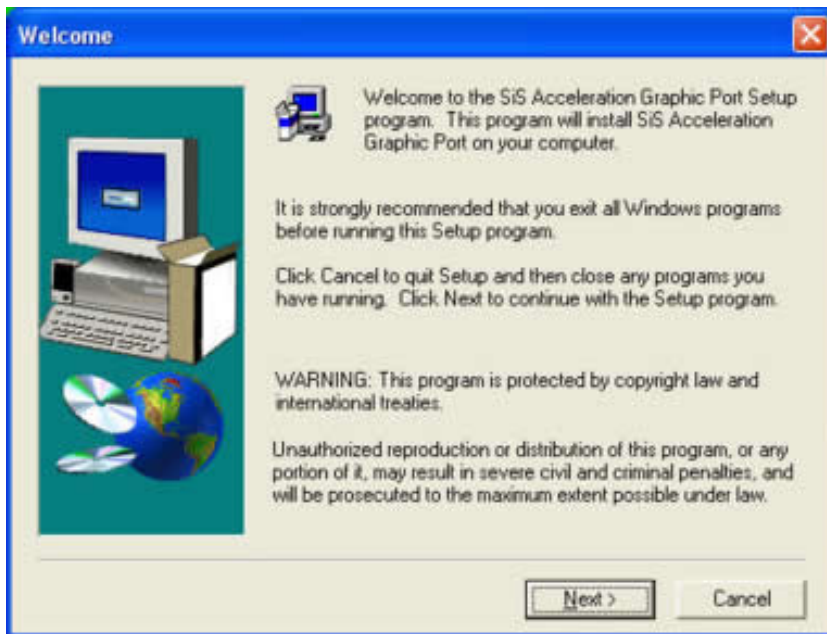
11. Next step: insert the NEC Utility CD, V2.06 or higher in the appropriate drive to install the **SIS 950 AGP** driver for Windows XP.



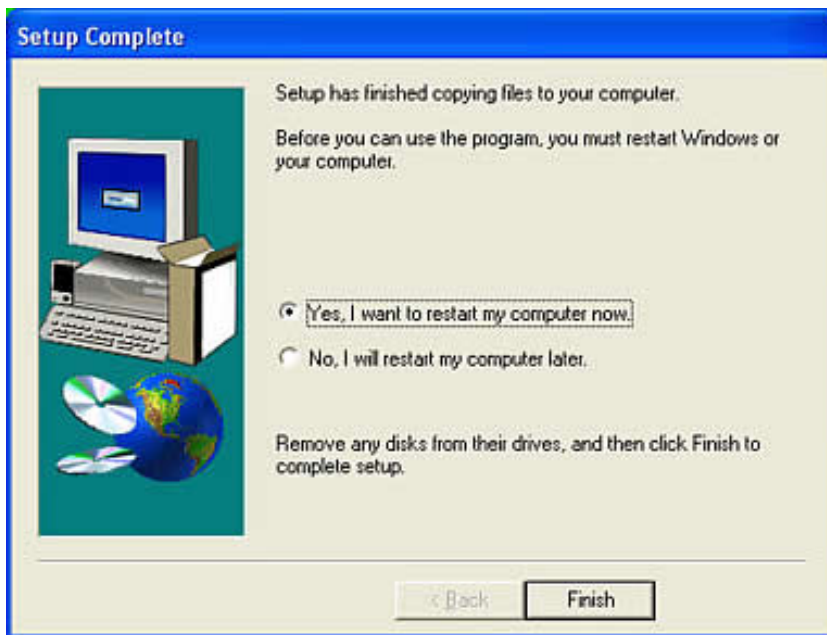
12. Choose the SIS 950 AGP Driver for Windows XP and click *Install*.



13. Click *Open* to continue
A green screen titled SIS Acceleration Graphic Port 1.08 will appear with the following windows.



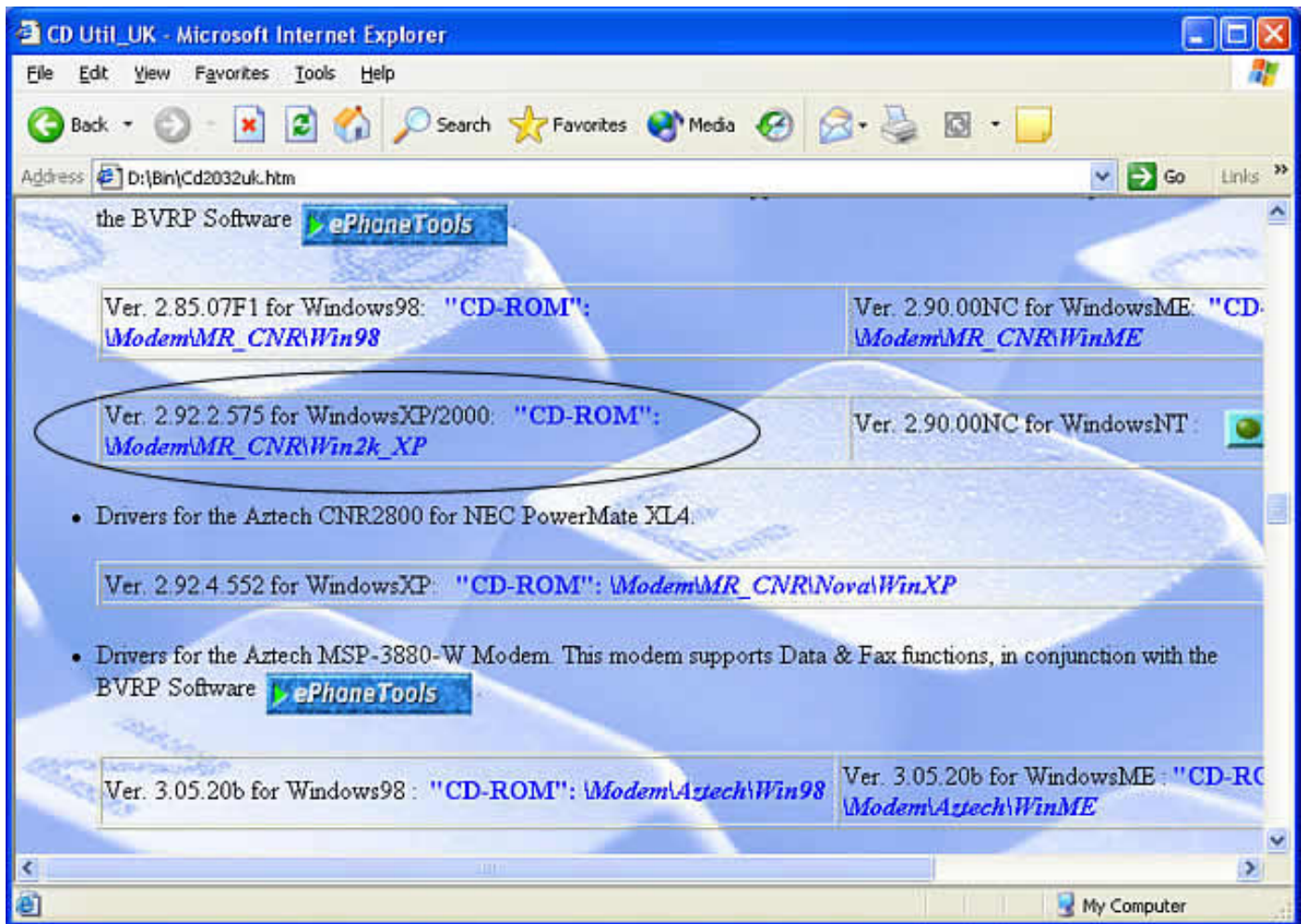
14. Click *Next* to continue.



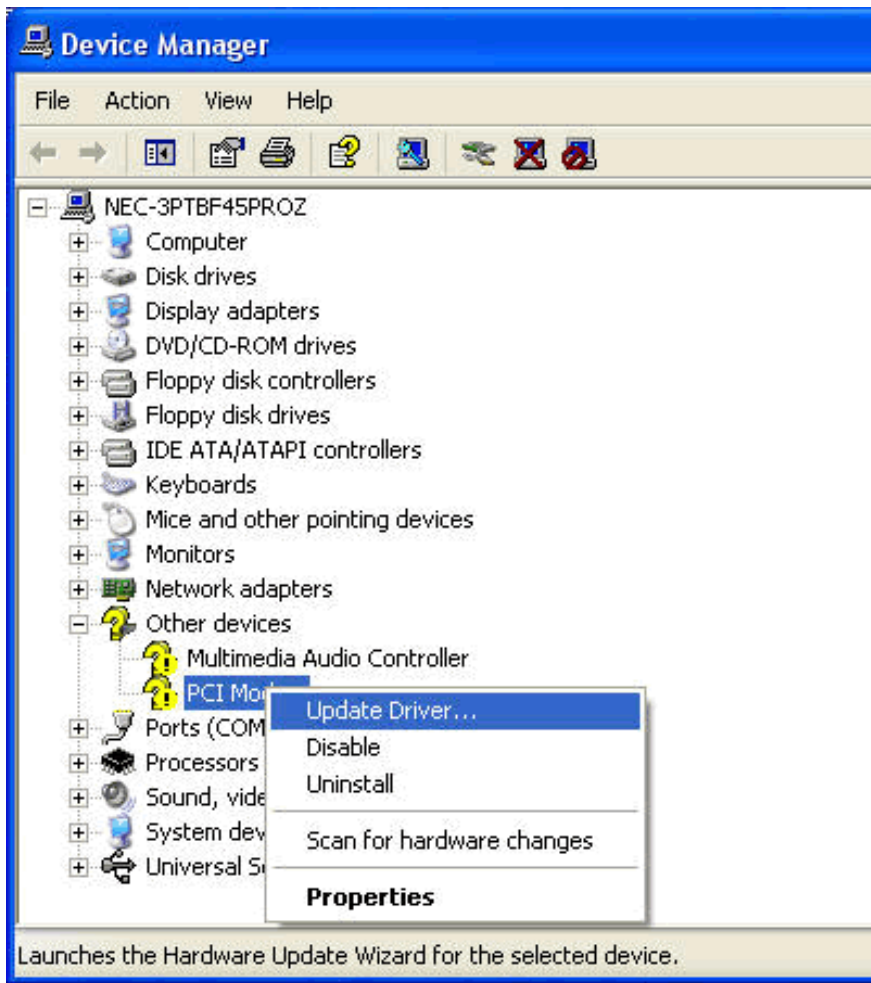
15. The Setup Complete window appears. Click *Finish* to complete the installation and restart the computer.

CNR modem driver installation

1. Insert the NEC Utility CD, V2.06 or higher in the appropriate drive to install the modem. The driver has to be installed manually from **ModemWR_CNRWin2k_XP** as indicated in the screen below:



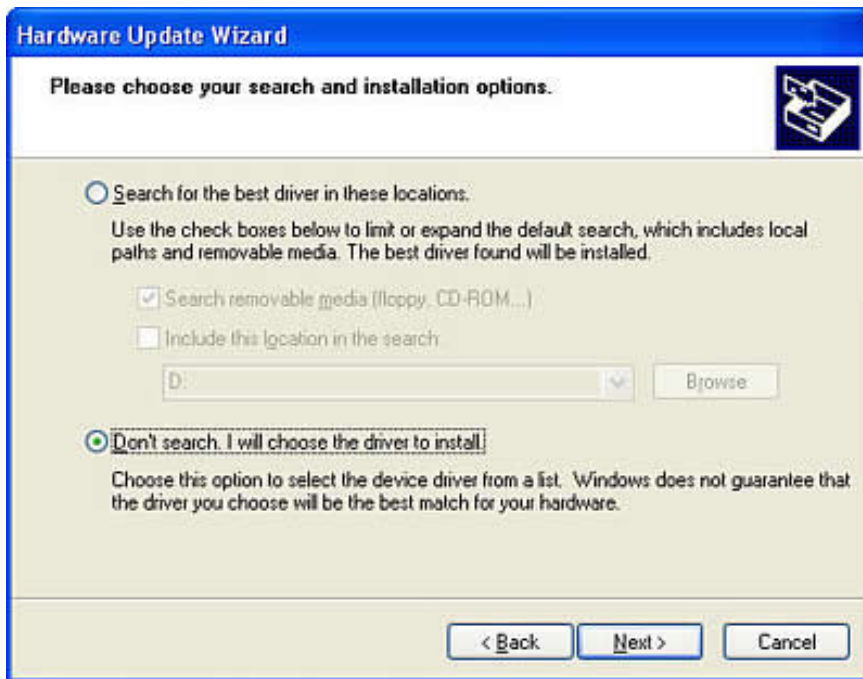
2. Open the Device Manager, right click *PCI Modem*.



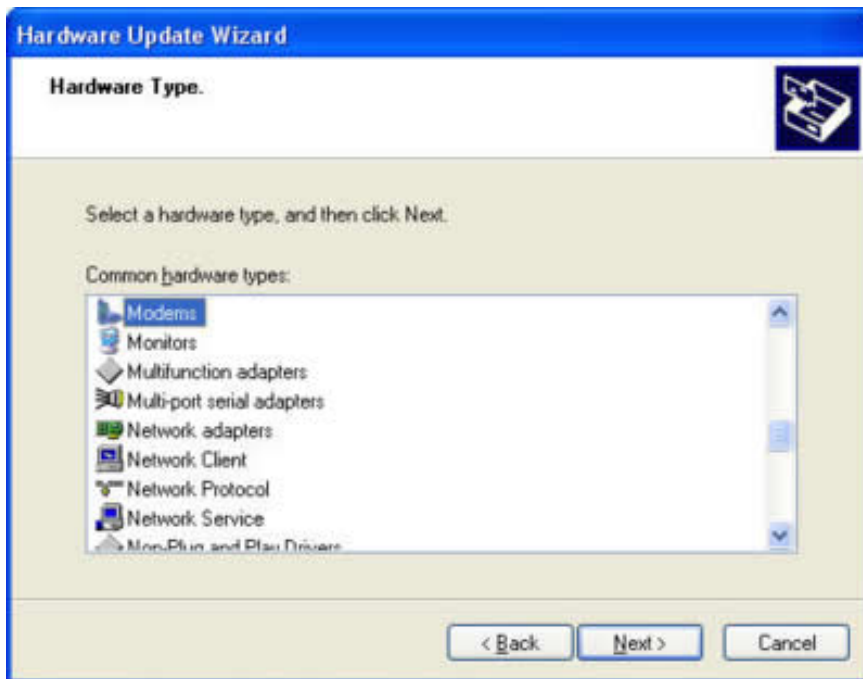
3. In the context menu that appears click *Update Driver...*



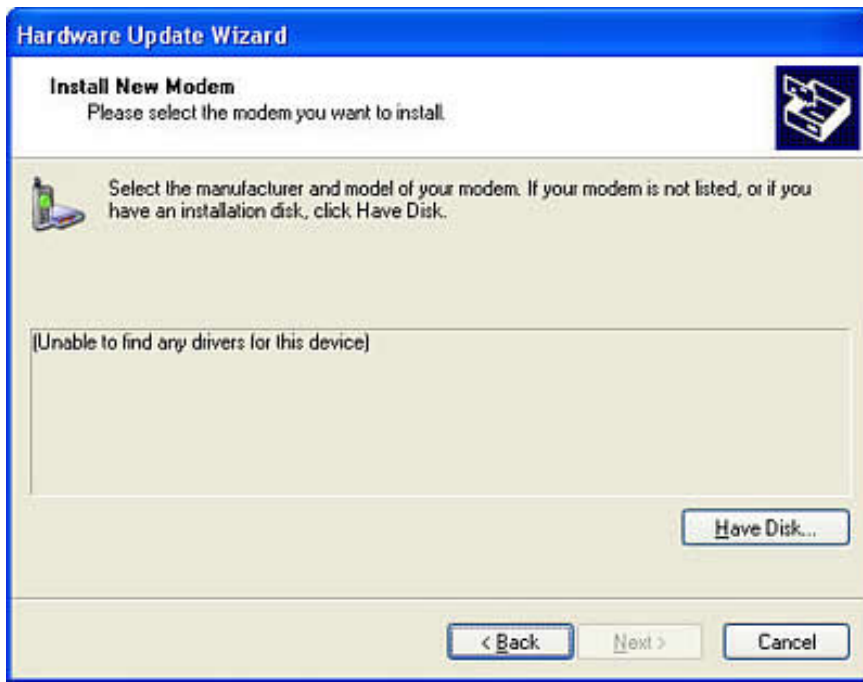
4. Select *Install from a list or specific location* and click *Next* to continue.



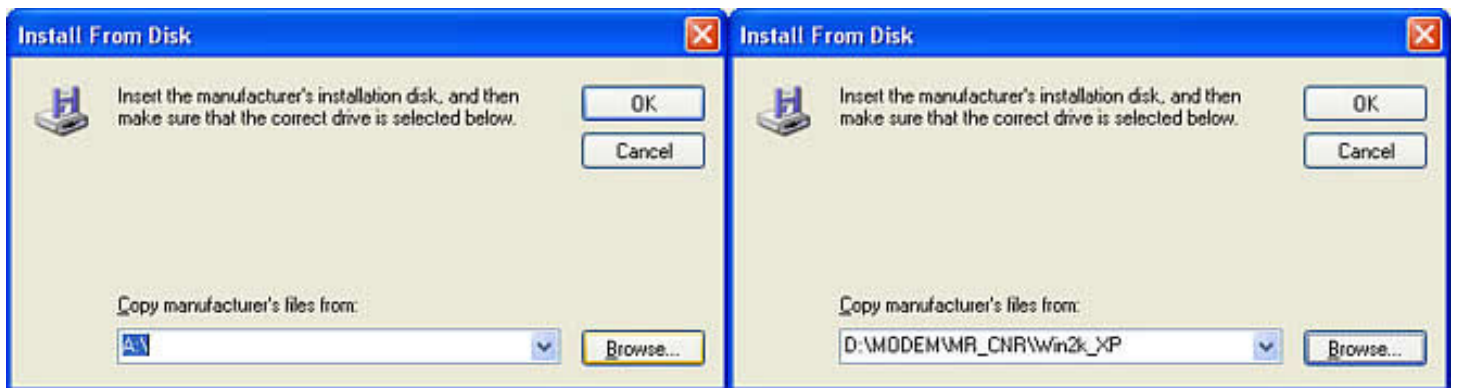
5. Select *Don't search. I will choose the driver to install* and click *Next*.



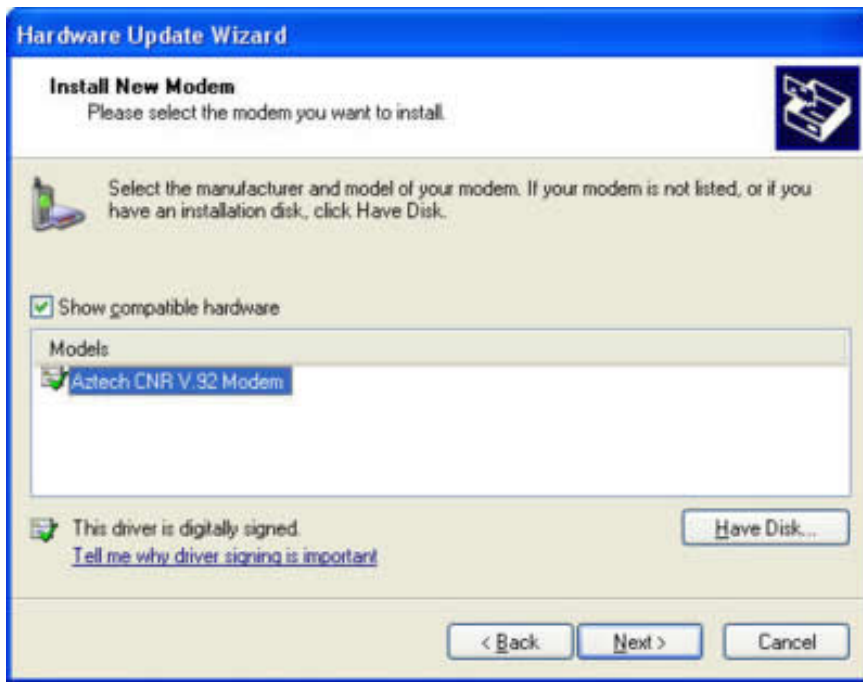
6. Select *Modem* and click *Next* to continue.



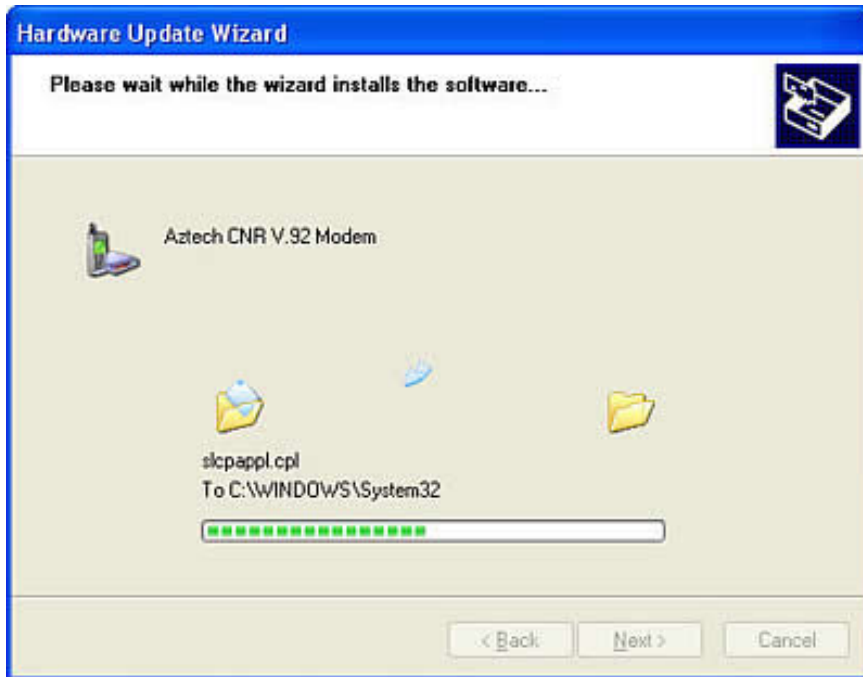
7. Click *Have Disk...*, browse the CD-ROM drive Q: (or any other appropriate letter) to reach **Q:\MODEMMR_CNRWin2k_XP** and click *OK*.



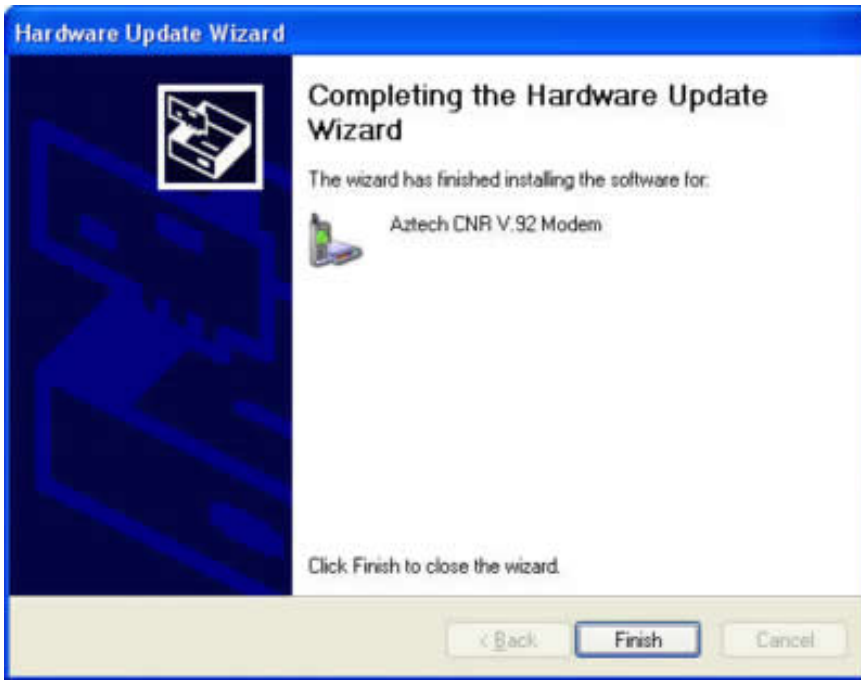
8. Select *Aztech CNR V.92 Modem* and click *OK*.



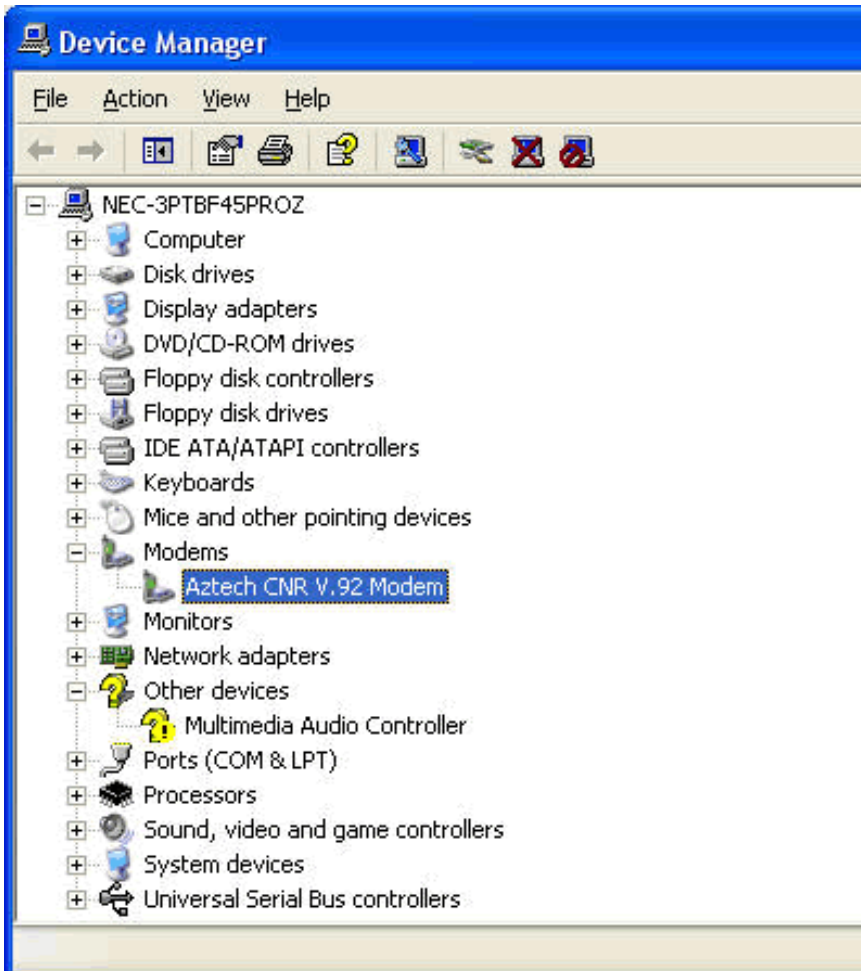
9. Wait until all files are copied.



10. Click *Finish* to complete the installation.



11. In Device Manager you can see that the modem is correctly installed.



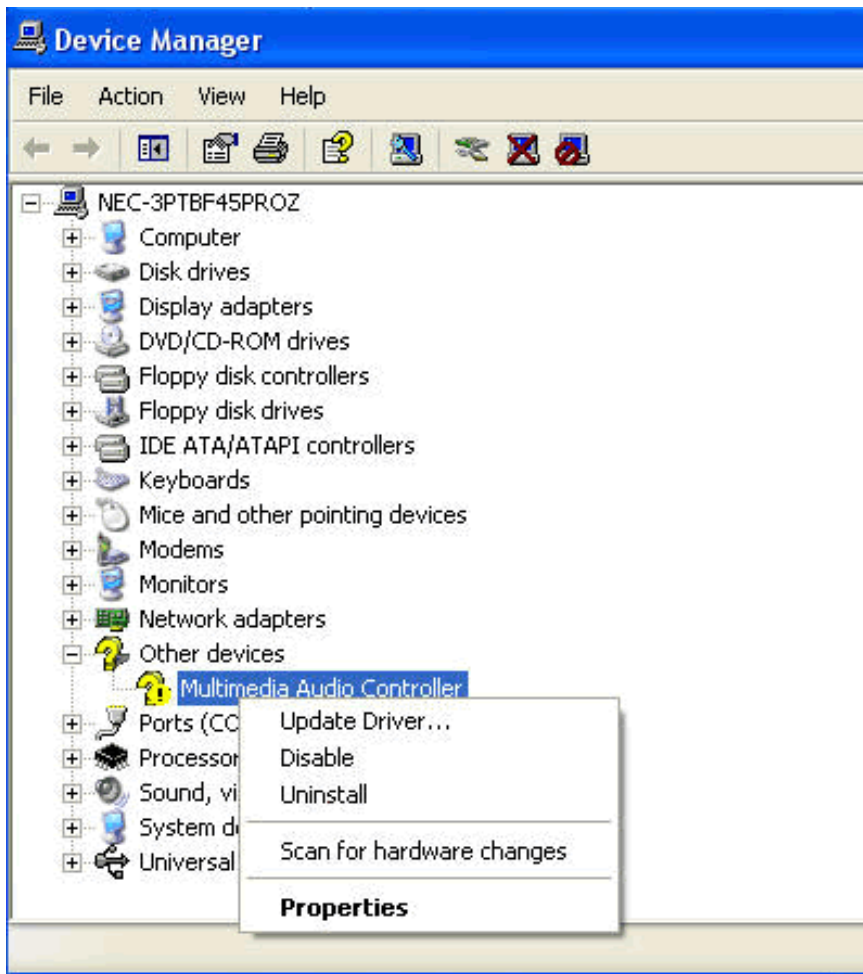
Sound driver installation

1. Insert the NEC Utility CD, V2.06 or higher in the appropriate drive to install the audio controller. The driver has to be installed

manually
from `\\SoundHel_Atl_hou\SiS\WinXp_2k`, section SigmaTel.



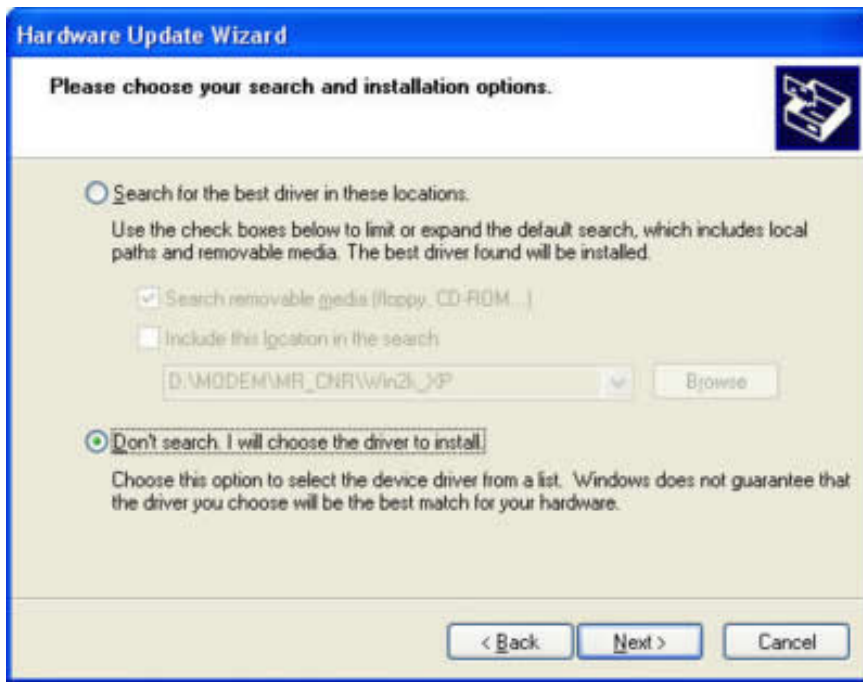
2. Open the Device Manager, right click *Multimedia Audio Controller*.



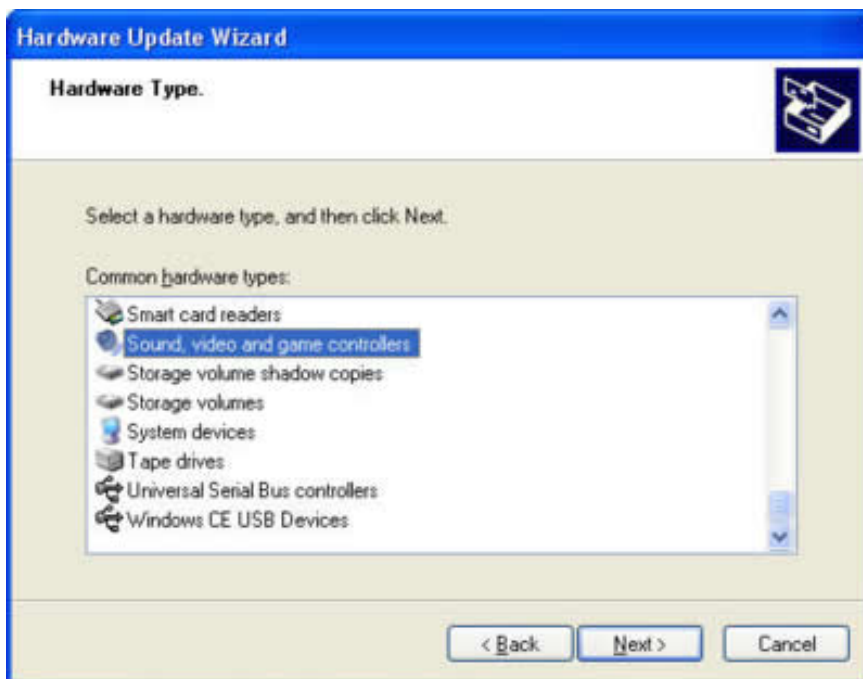
3. In the context menu that appears click *Update Driver...*



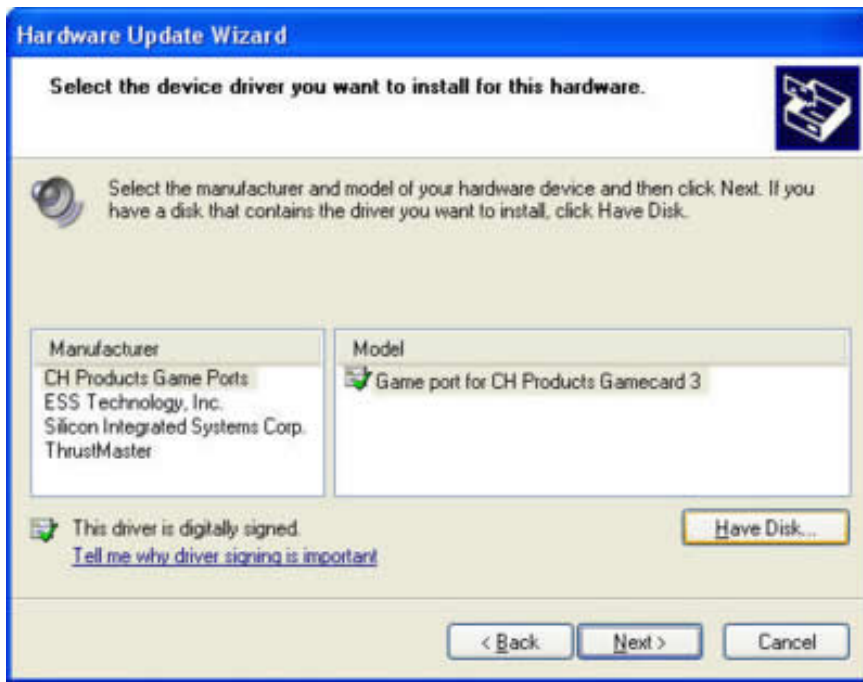
4. Select *Install from a list or specific location* and click *Next* to continue.



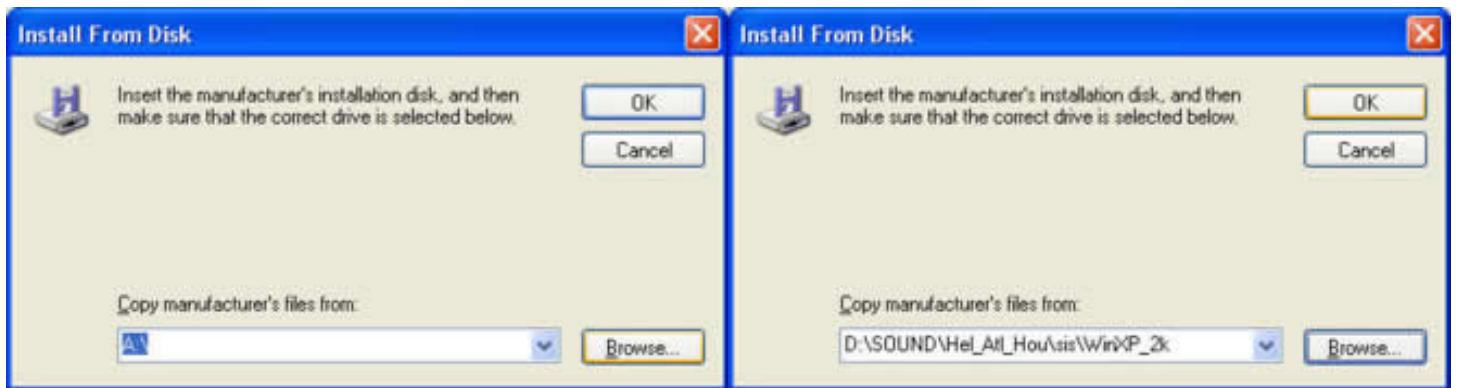
5. Select *Don't search. I will choose the driver to install* and click *Next*.



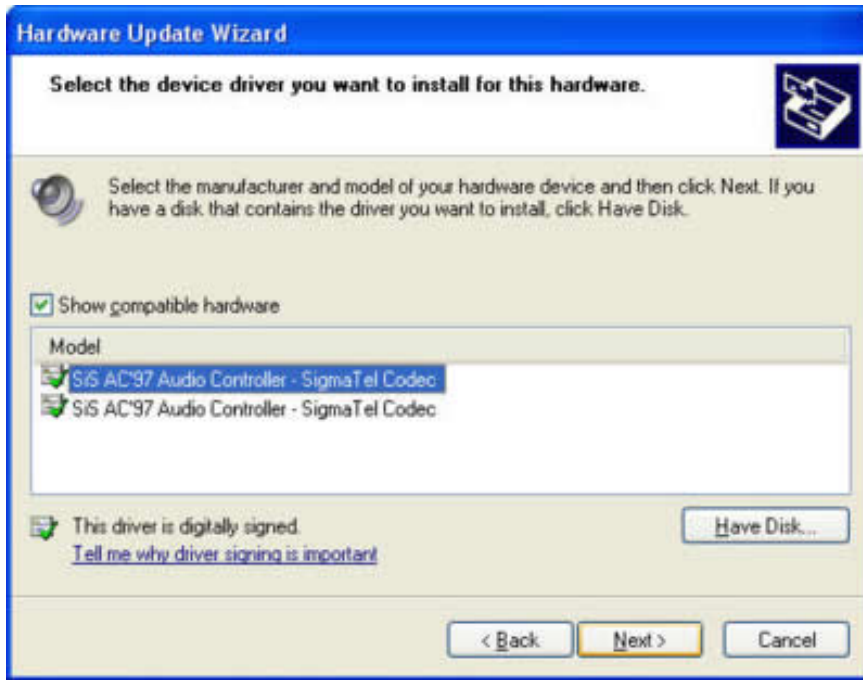
6. Select *Sound, video and game controllers* and click *Next*.



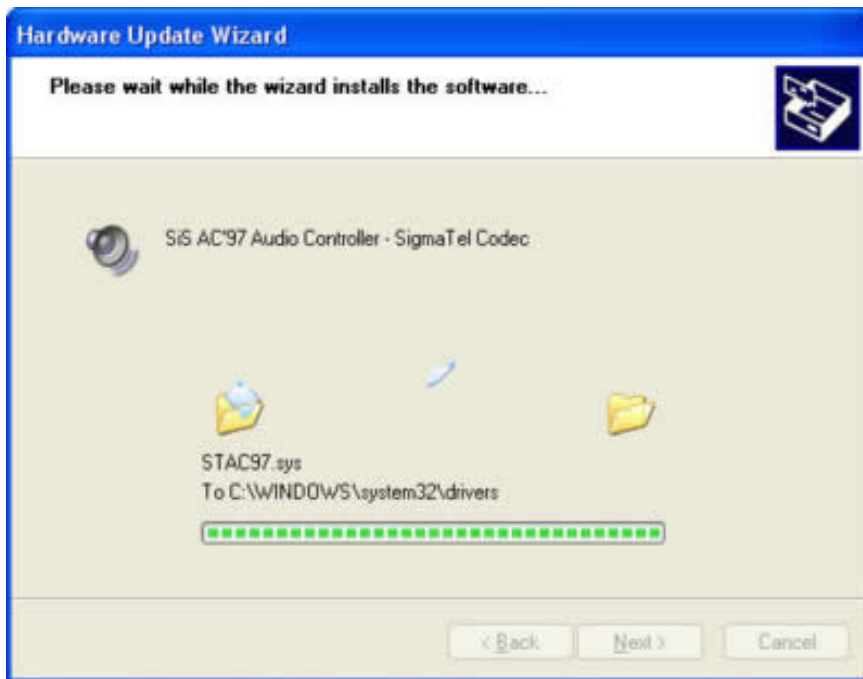
7. Click *Have Disk...*, browse the CD-ROM drive Q: (or any other appropriate letter) to reach **Q:\Sound\Hel_AtI_Hou\sis\WinXP_2k** and click *OK*.



8. Select *SiS AC'97 Audio Controller - SigmaTel Codec* and click *Next*.



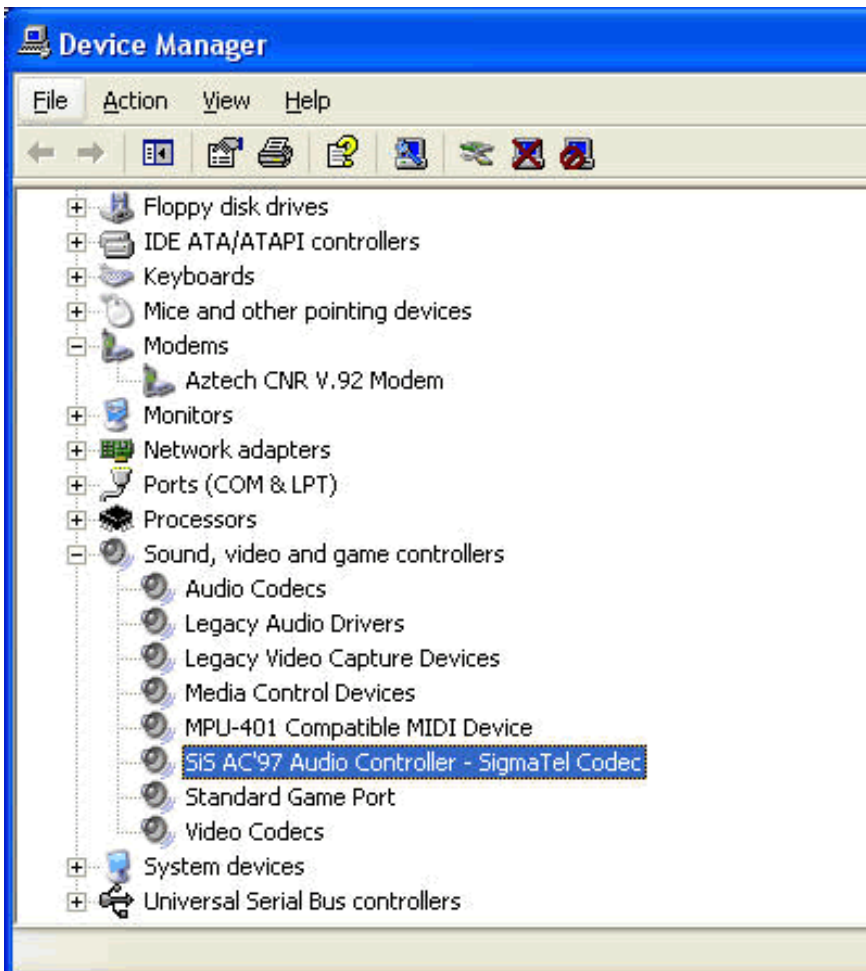
9. Wait until all files are copied.



10. Click *Finish* to complete the installation.



11. In Device Manager you can see that the audio controller is correctly installed.



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