



Upgrading Digigram Drivers

DCS-02-2010 Rev A, 11/20/07

AudioVAULT version 9.20 includes an updated driver for Digigram audio cards using the HR and NP Runtime drivers. Drivers for miXart cards do not need to be upgraded.



Please read this entire document before attempting to remove or install drivers!

Before removing or installing drivers:

- **Read to the end of this document.** Contact AudioVAULT Customer Service if any step of the process is not clear to you.
- You can check the current version of your driver by looking at **Add/Remove Programs** in Windows' **Control Panel**.
- **Terminate all running AudioVAULT applications** before removing drivers! This includes the AVServer service, AVConsole, AVScan, AVScanS, AVTime, AVFTPService and NFServer.
- **You must uninstall the current driver before installing the newer version.** If you attempt to install the drivers without removing the current ones first, the driver install will give you a warning message and a button to abort so you can remove the drivers first.



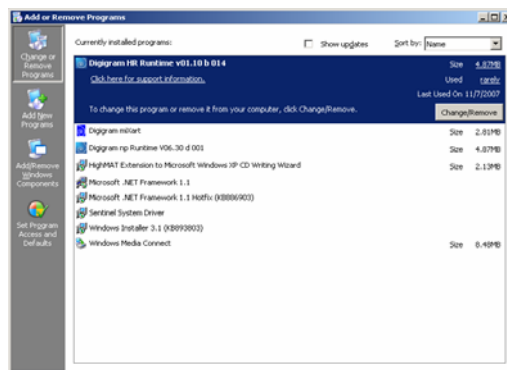
After removing the drivers follow the Driver install procedure outlined later in this document.

- **If you have followed the uninstall directions precisely, but still run in to problems** when trying to install the newer driver, there is a utility that can clear remaining registry problems. On the AudioVAULT installation CDROM in the **Utility\cleandig** folder, there is a self-extracting file called **cleandig.exe**. Double-clicking this

utility will extract it to the Temp folder on your C-drive. After extraction, double-click on **cleandig.cmd** to clear your registry and allow the installation of the new driver. Contact AudioVAULT Customer Service for more information.

Uninstalling the Digigram HR, miXart and NP Runtime Driver

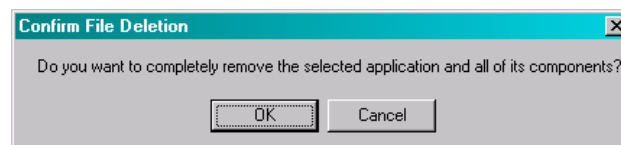
1. Open **Add/Remove Programs** from Windows **Control Panel** and select the **Digigram HR Runtime v01.10 b 014** option. Click the **Change/Remove** button.



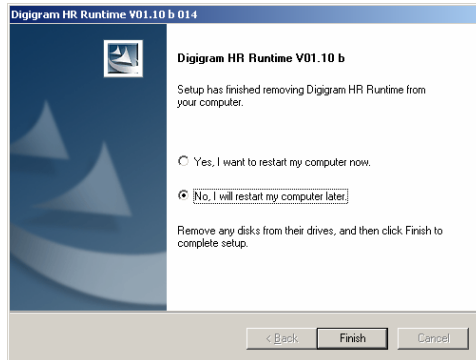
2. The InstallShield Wizard window will open. Select the **Remove** option and click **Next**.



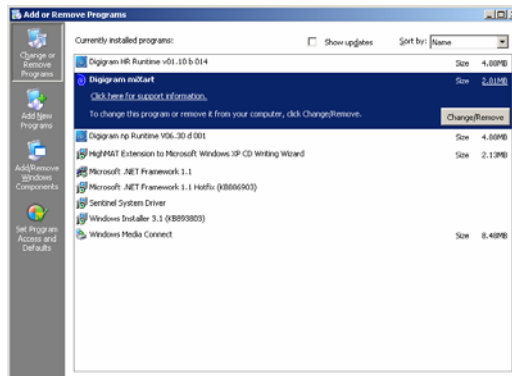
3. Click on **OK** when prompted to confirm the driver removal. The driver will be removed.



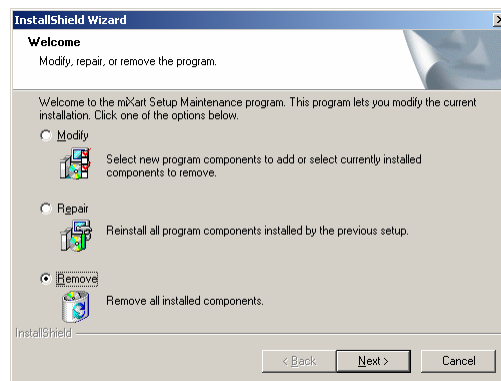
- When prompted, select the **No, I will restart my computer later** option and click **Finish** after the HR Driver has been removed.



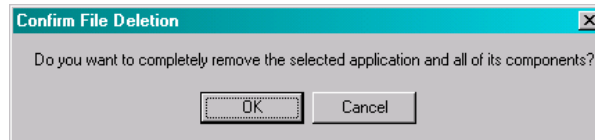
- At the **Add/Remove Programs** window select the **Digigram miXart** option. Click the **Change/Remove** button.



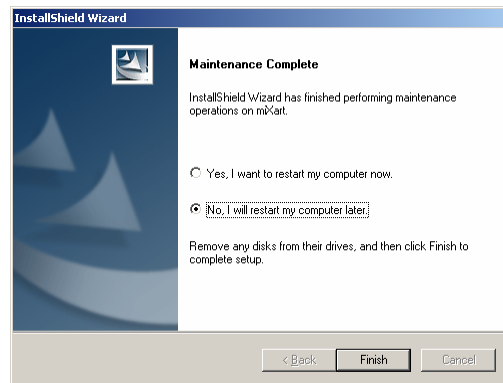
- The InstallShield Wizard window will open. Select the **Remove** option and click **Next**.



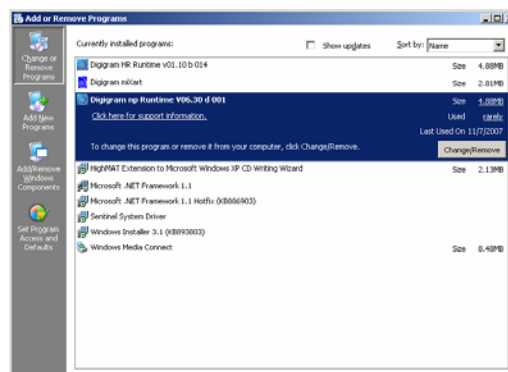
7. Click on **OK** when prompted to confirm the driver removal. The driver will be removed.



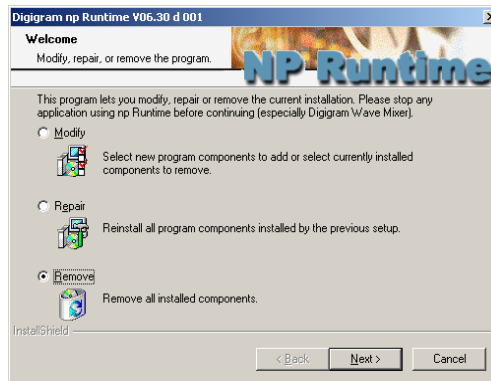
8. When prompted, select the **No, I will restart my computer later** option and click **Finish** after the miXart driver has been removed.



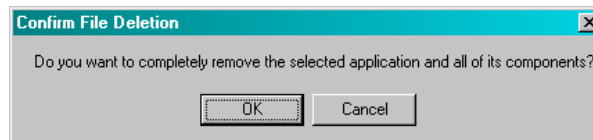
9. At the **Add/Remove Programs** window select the **Digigram NP Runtime 6.30 d 001** option and click the **Change/Remove** button.



10. The Installshield Wizard window will open. Select the **Remove** option and click **Next**.

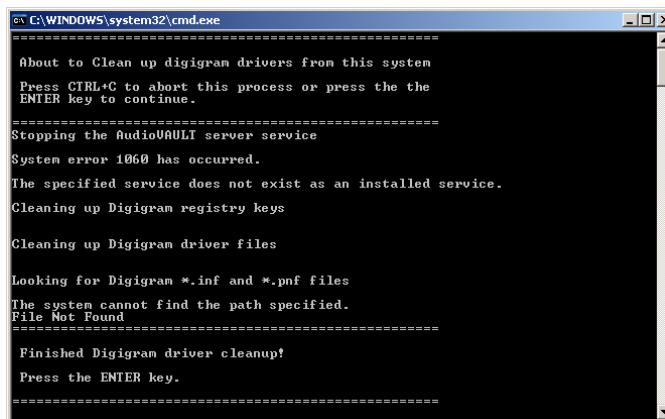


11. Click on **OK** when prompted to confirm the driver removal. The driver will be removed.



12. When prompted, select the **No, I will restart my computer later** option and click **Finish** after the NP Runtime driver has been removed.

13. On the AudioVAULT installation CDROM in the **Utility\cleandig** folder, there is a self-extracting file called **cleandig.exe**. Double-clicking this utility will extract it to the Temp folder on your C-drive. After extraction, double-click on **cleandig.cmd**. When prompted in the command window, hit the **Enter** key to continue, then **Enter** again to finish the process.



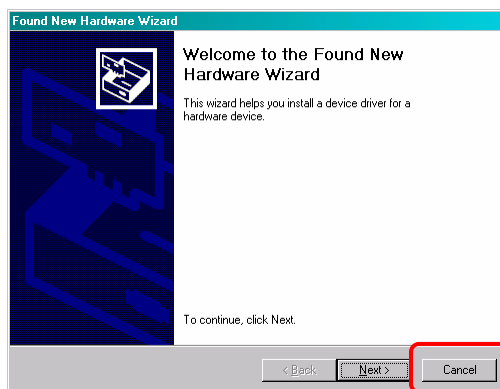
14. **Restart** your machine.



After rebooting the PC, **cancel out of the Found New Hardware Wizard** and install the updated Digigram Drivers for AudioVAULT version 9.20.0423 as outlined below.

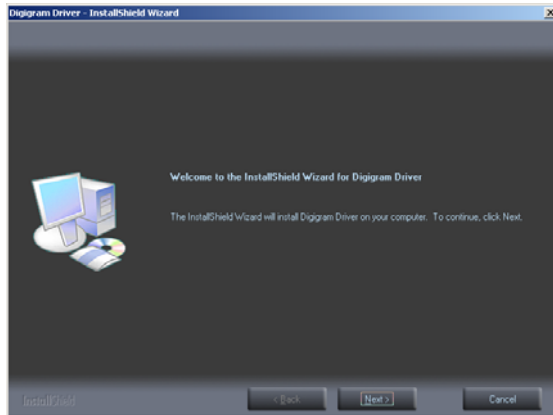
Installing Digigram Drivers: Windows XP and Windows Server 2003

1. After rebooting the PC, **cancel out of the Found New Hardware Wizard**.

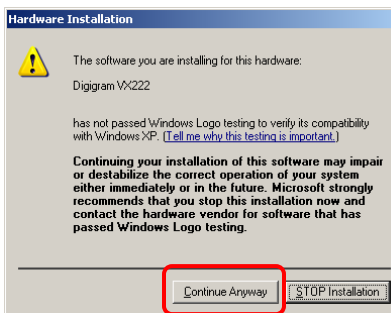


2. **Terminate ALL AudioVAULT applications.** This includes the AVServer service, AVConsole, AVScan, AVScanS, AVTime, AVFTPService and NFServer. Disable any Anti-virus protection.
3. Install the Digigram driver using **Setup.exe** from directory `<X:>\Utility\Drivers\Digigram Driver Setup` where `<X>` is the CDROM drive.
4. Click **Next** to start the installation. **DO NOT** click the **CANCEL** button at any time during the installation process!





5. The computer will reboot as soon as the drivers are completely installed. After the reboot follow the hardware wizard to complete driver install. Click **Continue Anyway** to continue when you see the digital signature dialog.



The AudioVAULT Setup program may not recognize your newly installed audio cards until the computer is rebooted one extra time after completing the installation of the new drivers.



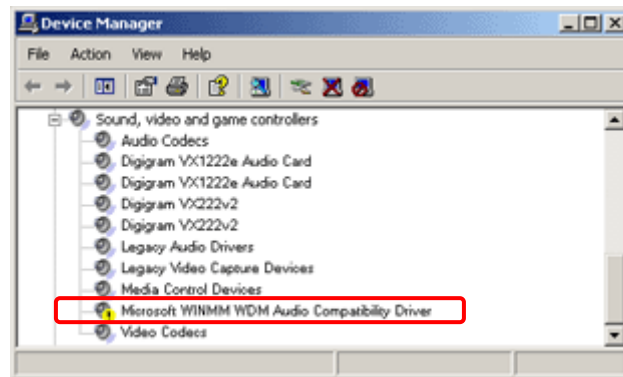
After installing the Digigram driver, you must also disable the Windows Mixer functions for all installed Digigram cards.

Disabling the Windows Mixer

1. Open the Windows **Device Manager**.
2. Go into the properties of each Digigram audio card.
3. Select the **Properties** tab and expand the **Mixer Devices** option.
4. Select the sound card and click the **Properties** button.
5. Set to **Do not use Mixer features on this device** and apply the changes, closing the dialog boxes.
6. After disabling the mixer feature on all cards, reboot the PC.

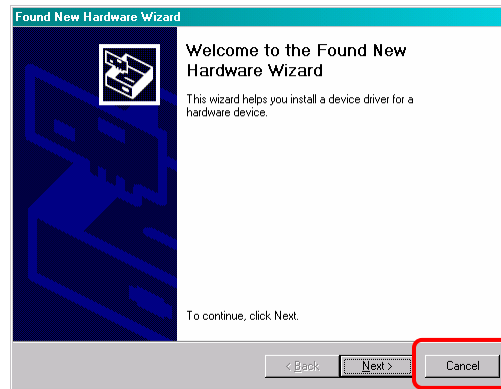


In Device Manager under **Sound, video and game controllers** you will see **Microsoft WINMM WDM Audio Compatibility Driver** with a yellow warning flag. **Do not uninstall this component.** If it is uninstalled, the Windows mixer will be re-enabled and the audio card will not work properly with AudioVAULT!

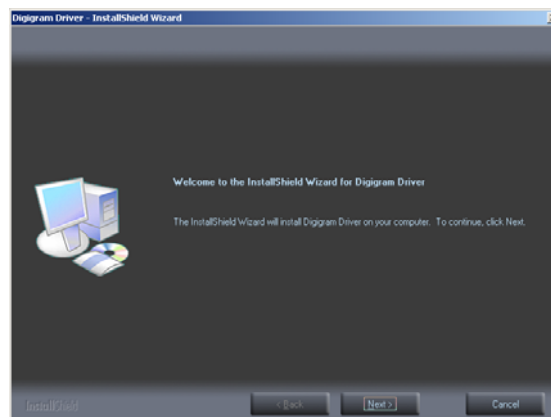


Installing Digigram Drivers: Windows 2000 SP4

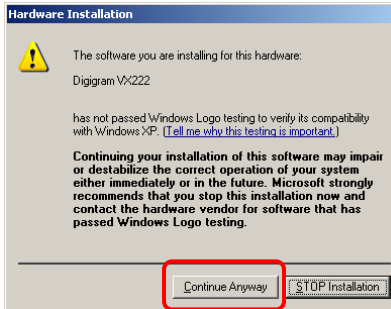
1. After rebooting the PC, cancel out of the Found New Hardware Wizard.



2. **Terminate ALL AudioVAULT applications.** This includes the AVServer service, AVConsole, AVScan, AVScanS, AVTime, AVFTPServer and NFServer. Disable any Anti-virus protection.
3. Install the Digigram driver using **Setup.exe** from directory `<X:>\Utility\Drivers\Digigram Driver Setup_Win2K` where `<X:>` is the CDROM drive.
4. Click **Next** to start the installation. **DO NOT** click the **CANCEL** button at any time during the installation process!



5. The computer will reboot as soon as the drivers are completely installed. After the reboot follow the hardware wizard to complete driver install. Click **Continue Anyway** to continue when you see the digital signature dialog.



The AudioVAULT Setup program may not recognize your newly installed audio cards until the computer is rebooted one extra time after completing the installation of the new drivers.



After installing the Digigram driver, you must also disable the Windows Mixer functions for all installed Digigram cards.

Disabling the Windows Mixer

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2. Go into the properties of each Digigram audio card.
3. Select the **Properties** tab and expand the **Mixer Devices** option.
4. Select the sound card and click the **Properties** button.
5. Set to **Do not use Mixer features on this device** and apply the changes, closing the dialog boxes.
6. After disabling the mixer feature on all cards, reboot the PC.



In Device Manager under **Sound, video and game controllers** you will see **Microsoft WINMM WDM Audio Compatibility Driver** with a yellow warning flag. **Do not uninstall this component.** If it is uninstalled, the Windows mixer will be re-enabled and the audio card will not work properly with AudioVAULT!

