

# Diamond Stealth 3D Series Windows 95 Drivers with InControl Tools

## 95

### Release Notes

This is the Diamond Stealth 3D Series Windows 95 Display Drivers with InControl Tools 95.

### Windows95 Installation Notes

#### **A. If Windows 95 is already installed**

1. When you first install the video card in the system and power on, Windows 95 will inform you that it has discovered a new "PCI VGA-Compatible Display Adapter" and will prompt you to install drivers for it. At this point you will want to select "Do not install a driver" and click "OK".
2. Next select "Cancel" when the message box appears indicating that your display adapter is not configured properly. Select "Cancel" once again when the "Display Properties" dialog comes up.
3. Next right click on "My Computer" and select "Properties". Then select the "Device Manager" tab.
4. Now within the "Device Manager" you will want to double-click "Other devices", highlight the "PCI VGA-Compatible Display Adapter" and select "Properties".
5. Now select the "Driver" tab and click the "Change Driver..." button.
6. Scroll through the "Hardware Type" list until you find "Display adapters". Highlight this selection and click "OK".
7. You should then be able to highlight "(Standard display types)" and select "OK" to accept the "Standard Display Adapter(VGA)" option.
8. Now click "OK" once again to install the "Standard Display Adapter(VGA)" driver.
9. When Windows 95 prompts you to restart the computer, click "Yes".
10. Once Windows 95 restarts you will want to click the "Start" button, then choose "Run...". Now insert the Diamond Stealth 3D Series Windows 95 Display Drivers into the appropriate drive and within the "Run" dialog box type the following: "x:\INSTALL" where x is the corresponding letter of the drive containing the Diamond Stealth 3D Series Windows 95 Display Drivers.

The following command line switches can be used with INSTALL:

- `/f` This forces a Full installation (Diamond Stealth 3D Series Windows 95 Display Driver and InControl Tools 95).
- `/m` This forces a Minimal installation (Diamond Stealth 3D Series Windows 95 Display Driver only).
- `/d"drive:\path"` This installs InControl Tools 95 into drive:\path. Note that the quotes, drive letter and path are required. In addition, either the `/f` or `/m` switch must be used in conjunction with this selection.
- `/r` This forces a system reboot after installation. Note that either the `/f` or `/m` switch must be used in conjunction with this selection.
- `/nr` This prevents a system reboot after installation. Note that either the `/f` or `/m` switch must be used in conjunction with this selection.
- `uninstall` This will completely uninstall the Diamond Stealth 3D Windows 95 Display Driver and InControl Tools 95.

12. Once the Diamond Setup Wizard dialog box appears you will be able to review the Readme file or continue on with the installation by selecting "Next".

13. The Setup Wizard will now check for Diamond components installed in your computer. Click "Next" to proceed.
14. A dialog box will appear containing the path where InControl Tools 95 will be installed. The default path is:  
  
"C:\Program Files\Diamond"  
  
Select "Next" or change the path as necessary.
15. The next dialog box selects the installation type. There are three installation types: Minimal, Full and Custom. They are defined as follows:  
  
Minimal: This will install only the Diamond Stealth 3D Series Display Driver.  
  
Full: This will install both the Diamond Stealth 3D Series Display Driver and InControl Tools 95.  
  
Custom: This will allow installation of either the Diamond Stealth 3D Series Display Driver or InControl Tools 95. At the minimum, the Diamond Stealth 3D Series Display Driver must be installed during a first-time installation.
16. If "Custom" was selected in step 15, a dialog box will appear allowing the selection of various items. Select the items to be installed by clicking on them with the left mouse button. When finished, click "Next" to continue.
17. At the "Select Files to be copied" dialog box, click "Next" to begin the file copying process.
18. After the files have been copied you will want to click "Finish" in order to complete the installation. Note: If applicable, please remove the floppy diskette containing the Diamond Stealth 3D Series Display Drivers prior to clicking "Finish".
19. Windows 95 will ask that the computer be restarted. Click on "Yes" to restart the computer.
20. Once Windows 95 restarts, you will have successfully installed the software for your Diamond Stealth 3D Series. The InControl Tools 95 Wizard will then guide you the rest of the way. Thank you for choosing Diamond!

## **B. Installing Windows 95 after installing the Stealth 3D**

1. If you install Windows 95 after you have installed the Stealth 3D Series, Windows 95 will use a generic S3 driver for the Stealth 3D Series. In order to install the provided Diamond Stealth 3D Series Windows 95 Display Drivers, complete the following steps.
2. First right click on "My Computer" and select "Properties". Now select the "Device Manager" tab.
3. Under "Display adapters" you will want to highlight "S3" and click "Remove". Then click "OK" to confirm the device removal.
4. Next select "No" when Windows 95 prompts you to restart the computer. Note: you will want to keep the "Device Manager" open in order to proceed with the installation.

5. From this point on, you will be able to complete the installation by continuing with Step 4 which is provided within the section above labeled: "A. If Windows 95 is already installed".

### **Diamond Refresh Utility**

The Diamond Refresh Utility allows you to select the refresh rate for your monitor which suits you best in addition to providing a display centering utility. You may want to have your monitor's manual or specifications with you while using this utility.

#### **A. To access the Display Centering Utility:**

1. Click your right mouse button anywhere on the Windows background. The Windows desktop menu will appear.
2. Next choose "Properties" in order to bring up the "Display Properties" dialog box.
3. Now select the "Refresh" tab.
4. Move your mouse cursor to the screen area on the monitor graphic. You will notice that the mouse cursor changes to a hand.
5. Press and hold your left mouse button and move the screen graphic up, down or to either side. Note that your screen is repositioned dynamically as you move the mouse.
6. Release your mouse button when your screen is centered. Note: You can also change the screen position dynamically by simultaneously pressing your <Alt> key and either the left, right, up or down directional arrow keys.
7. A confirmation message opens to let you verify the change. Click "Yes" to confirm the change or "No" to revert to the previous screen position. If you don't make a choice, the message box is dismissed after a few seconds and the screen reverts to its previous position.

#### **B. To access the Monitor Refresh Utility:**

1. Click your right mouse button anywhere on the Windows background. The Windows desktop menu will appear.
2. Next choose "Properties" in order to bring up the "Display Properties" dialog box.
3. Now select the "Refresh" tab.
4. In the lower portion of the dialog box, open the refresh dropdown list by clicking on the downward-pointing arrow to the right of the list viewer. The list contains all available refresh rates for the currently selected monitor type, viewport size and color palette. Note that some configurations offer only one choice.
5. If more than one refresh rate is available, you are provided the ability to select a new one.
6. If you select a new refresh rate, a confirmation message box opens. If the new refresh rate appears stable, you can click "Yes" to confirm the selection. If you click "No" or wait a few seconds, the previous refresh rate is restored.

## **Known Limitations**

1. There are several problems that are inherent to color depth switching. If you experience any problems after switching color depths on the fly, simply restart the machine.
2. If you experience random errors when running WinStone 97, you should disable InControl Tools 95. This is a known problem and is documented in the Winstone readme files.
3. We do not recommend using the Windows 95 version of Scitech's display doctor. If you experience problems remove the application and reboot.

### For Cards with TV-OUT capability:

1. The adjustments in our page for the TV monitor have VERY subtle changes. If you do not have the correct test pattern selected, you may not even be able to see a change at all.
2. If you have a TV connected and turn it on then off, you might notice some flickering. To correct this problem, change the refresh rate to "optimal" in the Refresh or Settings tab from the Display Properties page.

## **Issues Addressed and Features Added**

None.

## **Contacting DIAMOND**

Diamond can be reached through a number of ways:

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WWW : <http://www.diamondmm.com>  
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### Tech Support E-mail Accounts:

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