

## Lab 5.6.4: Installing a Driver

**Estimated time:** 20 Minutes

### Objective

Upon completion of this lab, you will be able to install the driver for a rollerball mouse. The same process is used when installing any new device on your system.

### Equipment

The following equipment is required for this exercise:

- Lab computer with Windows 9x operating system
- A rollerball mouse with the driver disk

### Scenario

You have purchased a new rollerball mouse and want to install it.

### Procedures

Make sure you have the proper drivers for the operating system that you have installed. Drivers built for Windows 95 may install properly on a Windows 98 platform, but could cause undesirable results.

#### Step 1

From the Windows 9x Desktop, go to **Start > Settings > Control Panel**.

#### Step 2

On the Control Panel, double-click on the **Add New Hardware** icon. This will start the Add New Hardware Wizard. Read the onscreen display and click the **Next** button to continue.

#### Step 3

The Hardware Wizard will search for Plug and Play devices. Click the **Next** button to continue. When the search is complete, the Wizard will ask if it can search for devices that are not Plug and Play compatible. Select "No, I want to select the hardware from a list" and then click **Next**.

#### Step 4

A list of hardware devices to choose from will display. Select the device that most closely matches the device being installed, which would be a "Mouse" in this exercise. Once the device is selected, click **Next**.

#### Step 5

If the latest driver is on a CD-ROM or floppy disk, insert it into the computer. Click the **Have Disk** button and then either type the path to the driver or click the browse button to find the exact location of the driver. Once the driver is selected, click the **OK** button to

continue.

At this time, the Wizard will display a list consisting of any number of devices, which should match the device being installed. Select the one that the device most closely matches, then click **Next**.

### Step 6

Follow the rest of the onscreen instructions in order to complete the installation process. When the driver has been installed, Windows will need to be restarted for the changes to take effect. If a dialogue box displays to restart, click **Yes**. Otherwise, click the **Start** button, select the **Shut Down** option, and then shutdown the computer.

### Step 7

Once the computer has been shut off, remove the current mouse and plug the rollerball mouse into the now available PS/2 port. When it has been plugged in properly, turn on the computer. At the Windows desktop, test the new device. If the device does not respond, see the troubleshooting section of this lab.

### Troubleshooting

It is important to use the correct driver when installing a device. For example, a new sound card will most likely not work or will work improperly if the wrong drivers are installed.

Also, using the latest driver is a good practice to follow. When installing a new device, check the manufacturer's web site for the latest drivers available for their product.

If there are problems with the mouse pointer, verify that it is properly connected and the mouse pointer is clean and free on any dust or debris. If the problem still exists after verifying the connection and cleaning, try restarting the machine. Essentially, rebooting the machine will refresh and reload the mouse pointer drivers. This should resolve most problems associated with the mouse pointer devices. However, if the problem still exists, the driver might need to be updated. To update the driver, simply repeat the steps outlined in this lab with the latest driver found on the Internet.

### Reflection

Did you have any problems installing the drivers for this device? \_\_\_\_\_

If so, explain how the problem was solved:

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