Peerless Drive System
User's Manual

Getting Started

This section helps you become familiar with the contents of the Iomega Peerless drive system package. It lists some simple installation and setup steps that will help you get started with the new Iomega Peerless drive system you just purchased.

NOTE: The Peerless base station and disks are sold in a variety of packages. The contents described below assumes you purchased a base, interface module, and disk Peerless package for either a USB **or** FireWire® connection.

1. Unpack the Iomega Peerless drive system and accessories.

- Quick Start Guide

- Solutions CD

- Peerless Interface Module

- Peerless Base

- Peerless Disk

- Power Cable

- FireWire Cable **or** USB Cable

2. Install IomegaWare™ software before connecting the Peerless drive system to the computer. Trust us;
   you will avoid a few frustrating installation problems if you follow our advice here.

3. Set up the Iomega Peerless drive system and connect it to the computer.

4. Read the following sections for useful how-to tips for the Peerless base station and disks.

- Using Your Peerless Drive tells you how to insert and eject Peerless disks, what to do in case of power loss, and how the drive sleep mode functions.

- Using Peerless Disks gives you detailed instructions about IomegaWare: how to format and read/write protect disks. It also discusses how to back up information onto your Peerless disk.

- Tips goes over the do's and dont's for the Peerless base station and disks.

Installing IomegaWare™ Software

Installing IomegaWare software installs the drivers and tools needed on your computer to support your Iomega drives, including the Peerless drive system. Data loss may occur if the Peerless drive system is used without IomegaWare software. Individual installation instructions are given for your operating system: Macintosh or Windows. In addition, instructions for locating the IomegaWare software's help information are outlined below.

Installing IomegaWare Software on a Mac®

1. Start your Mac and wait for the Mac OS desktop to finish loading.

2. Insert the Solutions CD into the CD-ROM drive on your Mac.
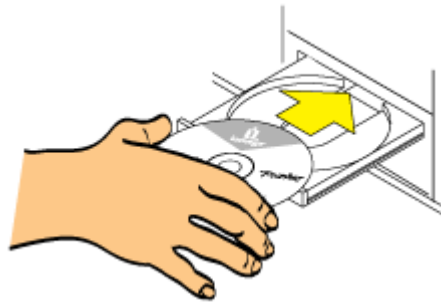
      NOTE: If the CD-ROM has a spindle, make sure the CD is pushed all the way down.

3. Double click the Start icon in the Solutions CD window. Select a language, then select **IomegaWare Software** from the Solutions CD menu, then select **Click to Install** to start the software installation. (If you can't see the Solutions CD window, double click the CD icon on your Mac desktop.)

4. Follow the instructions on the screen to install the software.

5. Shut down your computer at the end of the software installation.

6. Connect your Peerless drive system.

Installing IomegaWare Software on a PC

1. Start your PC and wait for Windows® to finish loading.

   NOTE: If Windows is already running, close all applications before proceeding.

2. Insert the Solutions CD into the CD-ROM drive on your PC. The Solutions CD menu should open automatically when you insert the CD. If it does not, double click the CD icon in **My Computer**, then double click the **Start** icon.
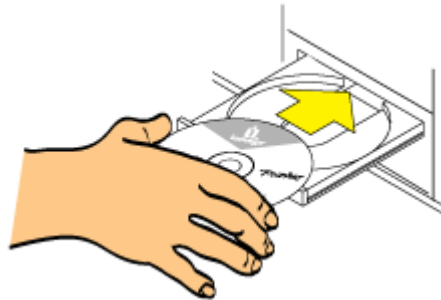
   NOTE: If the CD-ROM has a spindle, make sure the CD is pushed all the way down.

3. Select a language, select **IomegaWare Software** from the Solutions CD menu, then select **Click to Install** to start the software installation.

4. Follow the instructions on the screen to install the software.

5. Shut down your computer at the end of the software installation.

6. Connect your Peerless drive system.

Using IomegaWare Software

You can use IomegaWare software to format and protect your Peerless disks. For users with Windows 98, IomegaWare also includes a drive letter manager feature that makes it easy to change the drive letter assigned to your Peerless drive system and other removable drives on your system.

After the software is installed, you can find information on using IomegaWare software in the help files available on your system.

- **Mac OS Users**: You can access IomegaWare help by following these instructions: Open the **Tools** application program and click the **Help** button. You can also find help manuals inside the IomegaWare folder and inside the Iomega Application folders on the disk you selected for installation, usually the Mac hard disk.

- **Windows PC Users**: IomegaWare software includes complete help information in HTML format. You can access IomegaWare help by following these instructions:

    1. Right click on the Peerless icon in **My Computer** or **Windows Explorer**.

    2. Select **Properties**.

    3. Click the tab for **Iomega**.

    4. Click the **Help** button.
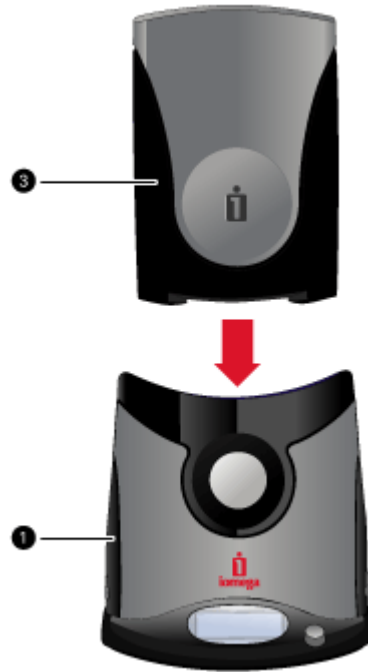
Connecting Your Peerless Drive System

Follow the steps below to set up your Peerless drive system. Then choose either the USB or FireWire to finish connecting the drive system to your computer.

1. Set the Peerless base (2) into the interface module (1). When these two components are connected, they are called the base station.

2. Insert the disk (3) into the top of the base (1).

3. Choose the type of drive you purchased to continue:

    - I purchased a USB Peerless drive system.

    - I purchased a FireWire Peerless drive system.

Connecting Your USB Peerless Drive System

Follow the steps below to connect the USB Peerless Drive System to your computer.

1. If you have not already installed the IomegaWare software, install it now and shut down your computer.
    (Even though the Peerless drive system is plug-and-play, shutting down your computer the first time
    you connect the drive system makes it easier for the computer to recognize the drive when you restart.)

2. Connect the Peerless USB cable to the USB port on your computer.
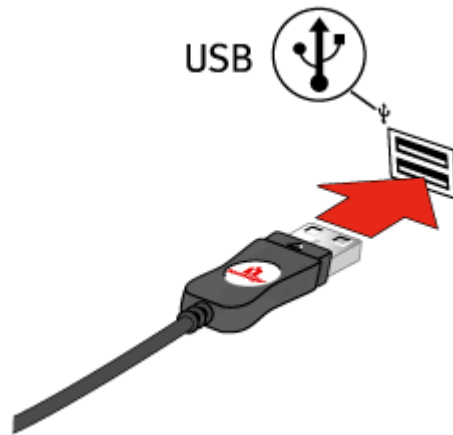
Look for "USB" or the USB symbol* (shown above), which usually identifies the USB connection.

If you cannot locate the USB connection on your computer, refer to the documentation for your computer.

For the best performance, connect the Peerless drive system to a built-in USB port on the computer. USB ports usually come in pairs (sometimes four or more ports may be located together). You can use any built-in USB port.

3. Connect the other end of the Peerless USB cable to the Peerless interface module.
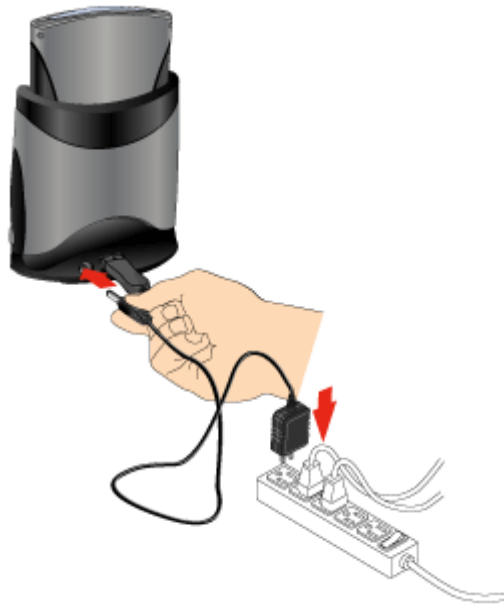
Use the USB cable that came with the Peerless drive system to connect the drive system to your computer. Look closely at the cable ends for correct orientation when connecting.

CAUTION! Do not use any USB cables but the cables provided from Iomega. Data loss may result.

4. Connect the power supply to the Peerless interface module and then plug it into an outlet.

5. Restart your computer.

6. Be sure you have inserted a Peerless disk into the USB Peerless base station.

   Windows PC Users: You will see the Peerless icon in My Computer or Windows Explorer.

   Mac OS Users: When you insert a Peerless disk, a Peerless icon will appear on your Mac Desktop.

   If the appropriate icon does not appear, refer to the section Troubleshooting for USB Drives or see the Iomega Web Support Site at www.iomega.com/support.

Congratulations!

- For information on operating your new Peerless drive system, refer to Using Your Peerless Drive.

- For general information and tips about USB devices, refer to the USB Guidelines section.

- If you encounter problems installing or using the Peerless drive system, refer to the Troubleshooting section.

Connecting Your FireWire® Peerless Drive System

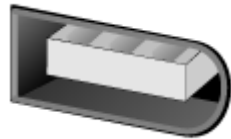To connect your FireWire Peerless Drive System, first determine your type of FireWire connection (either 6-pin or 4-pin). Then use the instructions for either Connecting Your Peerless Drive System to a 6-pin FireWire Connector or Connecting Your Peerless Drive System to a 4-pin FireWire Connector as appropriate.

Determining Your Type of FireWire Connection

There are two types of FireWire connectors. Most desktop computers have 6-pin FireWire connectors and most laptop computers have 4-pin FireWire connectors (iLink®). Some desktops have both. The 6-pin connection is the preferred connection. Computers that have 6-pin devices can supply power to some devices. Determine the type of connector that is on your computer. Click on the picture of your connector to continue to the next step.

CAUTION! If you are connecting multiple FireWire devices, read the FireWire Guidelines and Troubleshooting for FireWire Devices sections in this User's Manual for important power information to prevent potential system or device damage.

The FireWire cable, attached to the Peerless drive module, can be connected to the computer while the computer is running.

6-pin FireWire Port

4-pin FireWire iLink Port

Connecting Your Peerless Drive System to a 6-pin FireWire Connector

1. If you have not already installed the IomegaWare™ software, install it now and shut down your computer. (Even though the Peerless drive system is plug-and-play, shutting down your computer the first time you connect the drive makes it easier for the computer to recognize the drive system when you restart.)

2. Connect the FireWire cable to a FireWire port on your computer.
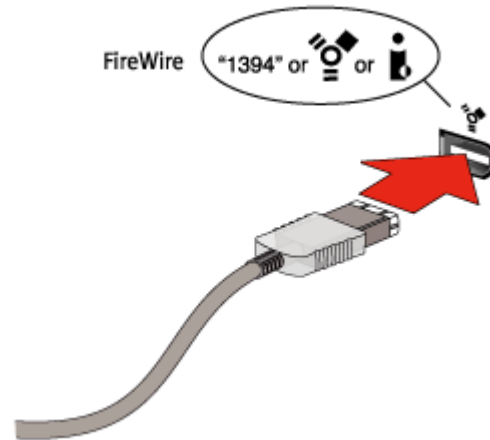
Look for "1394," the FireWire logo, or the Sony® i.Link logo, which usually identifies the FireWire connection. If you need help finding the FireWire connection on your computer, refer to the User's Manual for your computer or FireWire adapter card.

For the best performance, connect the Peerless FireWire cable directly to your computer. You can use any FireWire port. See the FireWire Guidelines for important information.

Mac® 8.6 through 9.X, Windows® 98 second edition, Windows Me, and Windows 2000— The drive system can be connected or disconnected while the computer is on. **To prevent any data loss**, eject the disk before disconnecting the interface cable or power cable from the interface module.

3. Connect the other end of the FireWire cable to the Peerless interface module.

NOTE to Windows 98 SE Users

If	Then
If the first time you connect the FireWire Peerless Drive System to the computer you see the **Insert Disk** dialog box, "Please insert the disk labeled Windows 98 Second Edition CD-ROM"	do **not** insert the Windows 98 CD-ROM disk. **Insert the Solutions CD that came with the FireWire Peerless Drive System**. Click **OK**. This message will only appear the first time you connect the FireWire Peerless Drive System. Proceed to the next step.
If the disk labeled "Windows 98 Second Edition CD-ROM is in your CD drive when you connect the computer to the FireWire Peerless Drive System, you will see the **Version conflict** dialog box that says "File being copied is older than the file on your system. Do you want to keep the current file?"	Always click **Yes** for all messages. (More than one dialog box will appear.) These messages will only appear the first time you connect the FireWire Peerless Drive System. Proceed to the next step.

4. Restart your computer.

5. Be sure you have inserted a Peerless disk into the FireWire Peerless base station.

    Windows PC Users: You will see the Peerless icon in My Computer or Windows Explorer.

    Mac OS Users: When you insert a Peerless disk, a Peerless icon will appear on your Mac Desktop.

If the appropriate icon does not appear, first try connecting the power supply to the interface module and an electrical outlet; your FireWire port may not be able to supply the necessary power. If the appropriate icon still does not appear, refer to the section Troubleshooting for FireWire Drive Systems or see the Iomega Web Support Site at www.iomega.com/support.

6. Read the FireWire Guidelines in this manual for important information on FireWire compatibility.

   If you encounter problems installing or using your FireWire Peerless Drive System, refer to the Troubleshooting section.

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Connecting Your FireWire Peerless Drive System to a 4-pin FireWire Connector

1. Your FireWire Peerless Drive System does not include a 4-pin to 6-pin FireWire cable. To obtain a 4-pin to 6-pin FireWire cable, contact your local computer retailer.
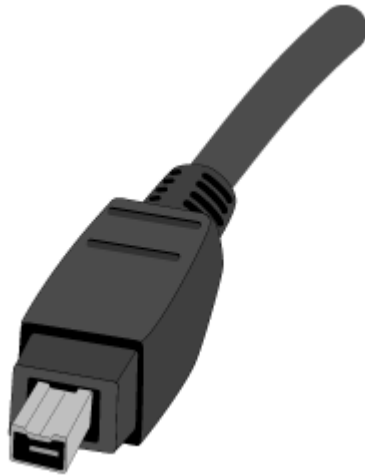
4-pin cable end

2. If you have not already installed the IomegaWare™ software, install it now and shut down your computer. (Even though the Peerless drive system is plug-and-play, shutting down your system the first time you connect the drive system makes it easier for the computer to recognize the drive when you restart.)

3. Connect the 4-pin end of the FireWire cable to a 4-pin FireWire port on your computer.
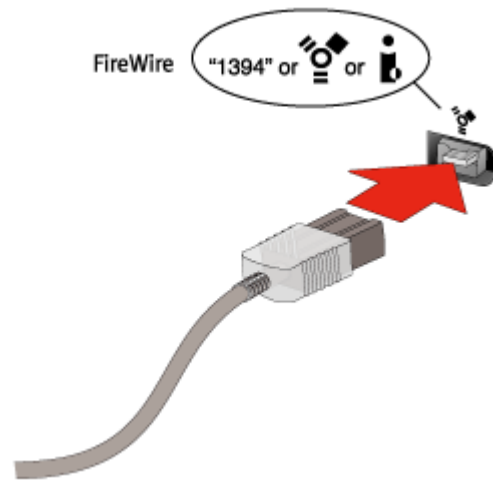
Look for "1394," the FireWire logo, or the Sony i.Link logo, which usually identifies the FireWire connection. If you need help finding the FireWire connection on your computer, refer to the User's Manual for your computer or FireWire adapter card.

For the best performance, connect the Peerless FireWire cable directly to your computer. You can use either FireWire port. The drive system can be connected while the computer is on. See the FireWire Guidelines for important information.

4. Connect the 6-pin end of the FireWire cable to the back of your Peerless interface module.

5. Connect the power supply to the Peerless interface module and then plug it into an outlet.
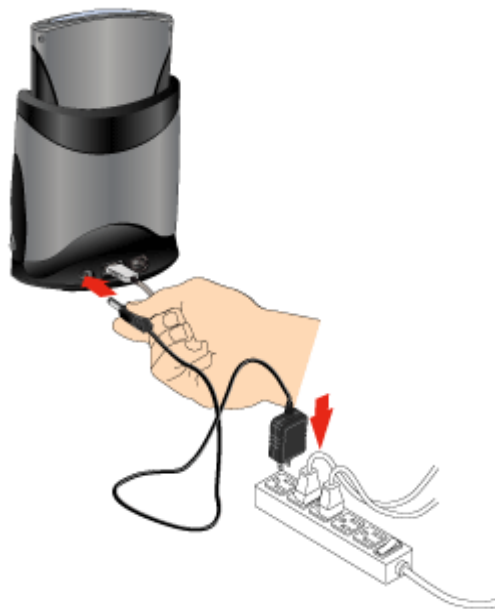
Mac 8.6 through 9.X, Windows 98 second edition, Windows Me, and Windows 2000—After initial installation, the drive system can be connected or disconnected while the computer is on. **To prevent any data loss**, eject the disk before disconnecting the interface cable or power cable from the interface module.

NOTE to Windows 98 SE Users

If	Then
If the first time you connect the Peerless FireWire drive to the computer you see the **Insert Disk** dialog box, "Please insert the disk labeled Windows 98 Second Edition CD-ROM"	do **not** insert the Windows 98 CD-ROM disk. **Insert the Solutions CD that came with the FireWire Peerless Drive System**. Click **OK**. This message will only appear the first time you connect the FireWire Peerless Drive System. Proceed to the next step.
If the disk labeled "Windows 98 Second Edition CD-ROM is in your CD drive when you connect the computer to the FireWire Peerless Drive System, you will see the **Version conflict** dialog box that says "File being copied is older than the file on your system. Do you want to keep the current file?"	Always click **Yes** for all messages. (More than one dialog box will appear.) These messages will only appear the first time you connect the FireWire Peerless Drive System. Proceed to the next step.

6. Restart your computer.

7. Be sure you have inserted a Peerless disk into the FireWire Peerless base station.

   Windows PC Users: You will see the Peerless icon in My Computer or Windows Explorer.

   Mac OS Users: When you insert a Peerless disk, a Peerless icon will appear on your Mac Desktop.

   If the appropriate icon does not appear, refer to the section Troubleshooting for FireWire Drive Systems or see the Iomega Web Support Site at www.iomega.com/support.

8. Read the FireWire Guidelines in this manual for important information on FireWire compatibility.

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Congratulations!

- For information on operating your new Peerless drive system, refer to Using Your Peerless Drive.

- If you encounter problems installing or using the Peerless drive system, refer to the Troubleshooting section.

Peerless Drive System Guidelines

Which Peerless package did you purchase?

- I purchased a <u>USB</u> Peerless drive system.

- I purchased a <u>FireWire</u> Peerless drive system.

USB Guidelines

You can use this section to verify that you have the necessary <u>system requirements</u> to support the USB Peerless Drive System and to familiarize yourself with the <u>do's and dont's</u> for USB devices. In addition, you can follow the steps outlined below for <u>upgrading Windows software</u>.

System Requirements: <u>Windows</u> or <u>Macintosh</u>

Your system must meet the minimum requirements below to support the USB Peerless Drive System.

Windows PC Users:

- Pentium® 100 or higher with built-in USB controller (some USB controllers or motherboards may not support all types of USB devices)
- Microsoft® Windows 98/2000/Me
- Recommended RAM requirements for your operating system (see your OS manual for details)
- 4X CD-ROM drive (for software installation)
- 10MB hard drive space recommended, software suite applications will require additional hard drive space
- Microsoft Internet Explorer 4.01 or higher or Netscape® Navigator® 4.5 or higher (to view user's manual)

Mac® OS Users:

- Apple iMac™ or Power Macintosh® computer with built-in USB connection
- Mac OS 8.6 through 9.X (check with Iomega for latest operating system support)
- 2X CD-ROM drive (for software installation)
- 10MB hard drive space recommended, software suite applications will require additional hard drive space
- Microsoft Internet Explorer 4.01 or higher or Netscape Navigator 4.5 or higher (to view user's manual)

USB Guidelines

Follow these guidelines to ensure optimal and reliable performance of your Iomega Peerless USB drive system and other USB devices.

You can...

- You can use your USB Peerless Drive System on either of the following: a Mac with built-in USB running Mac OS 8.6 through 9.X or a PC with built-in USB running Windows 98, Windows Me, or Windows 2000. (Some USB controllers or motherboards may not support all types of USB devices.)

- You can connect or disconnect your USB device while your computer is on if you are using a Mac or running Windows 98, Windows Me, or Windows 2000. (**To prevent any data loss**, eject the disk disconnecting the interface cable or power cable from the interface module.)

  NOTE: PC users must stop the USB Peerless Drive System first. Mac users should select the Peerless icon and use the **Put Away** command or drag the disk onto the trash icon.

- You can optimize your USB Peerless Drive System's performance by disconnecting other USB devices when using your USB Peerless Drive System. The performance of all USB devices decreases as additional USB devices are connected.

- You can ensure maximum performance by connecting your USB Peerless Drive System directly to one of the USB connections on your computer instead of to a USB hub or keyboard.

- You can avoid some system lockups by waiting at least 30 seconds after connecting or disconnecting any USB device. (This allows the system to re-enumerate the USB bus.) Do not connect, disconnect or use any other USB device during this time.

Do not...

- Do not connect or disconnect **any** USB device while the USB Peerless Drive System is transferring information—**data loss will result!** Do not disconnect your USB Peerless Drive System while a Peerless disk is inserted. **To prevent any data loss**, eject the disk before disconnecting the interface cable or power cable from the interface module.

  NOTE: If the blue status/activity light is blinking, the USB Peerless Drive System is transferring information. Wait to connect or disconnect any other USB device until the activity light stops blinking.

- Do not use any USB cable with your Peerless drive system other than Iomega cables. Never use USB extension cables with your USB Peerless Drive System—**data loss may result.**

- Do not connect more than two USB devices to a single computer. (More than two USB devices will significantly reduce performance rate.)

Upgrading Windows Software

Upgrading Windows 98

If a previous version of IomegaWare software is installed on your system, we recommend removing it before installing Windows Me or Windows 2000. Use **Add/Remove Programs** in Control Panel, uninstall all the IomegaWare software, then restart Windows. Install Windows Me or Windows 2000 according to the instructions included with the Windows Me or Windows 2000 package. Install the IomegaWare software included with your Iomega drive system after the Windows Me or Windows 2000 installation is complete. See Installing IomegaWare Software for instructions.

FireWire® Guidelines

You can use this section to verify that you have the necessary system requirements to support the FireWire Peerless Drive System and to familiarize yourself with the do's and dont's for FireWire devices.

System Requirements: Windows or Macintosh

Your system must meet the minimum requirements below to support the FireWire Peerless Drive System.

PC Users:

- Pentium® 100 or higher with an SBP-2 compliant 1394 controller(tt)
- Microsoft® Windows 98SE/2000/Me
- Recommended RAM requirements for your operating system (see your OS manual for details)
- 4X CD-ROM drive (for software installation)
- 10MB hard drive space recommended, software suite applications will require additional hard drive space
- Microsoft Internet Explorer 4.01 or higher or Netscape® Navigator® 4.5 or higher (to view user's manual)

Mac® OS Users:

- Any Macintosh® computer with built-in FireWire controller
- Mac OS 8.6 through 9.X (check with Iomega for latest operating system support)
- 2X CD-ROM drive (for software installation)
- 10MB hard drive space recommended, software suite applications will require additional hard drive space
- Microsoft Internet Explorer 4.01 or higher or Netscape Navigator 4.5 or higher (to view user's manual)

FireWire Guidelines

FireWire is an interface designed to make it easy to connect high speed devices, such as digital camcorders, audio recorders, Peerless drive systems, and other devices to your computer.

Follow these guidelines to ensure optimal and reliable performance of your FireWire Peerless Drive System.

You can...

- You can use your FireWire Peerless Drive System with either a Macintosh running Mac OS 8.6 through 9.X or a Windows PC running Windows 98 Second Edition, Windows Me, or Windows 2000.

- You can connect or disconnect your FireWire Peerless Drive System while the computer is on. **To prevent any data loss**, eject the disk before disconnecting the interface cable or power cable from the interface module.

  NOTE: PC users must stop the FireWire Peerless Drive System first. Mac users should select the Peerless icon and use the **Put Away** command or drag the disk onto the trash icon.

- You can ensure maximum performance by connecting the FireWire Peerless Drive System directly to your computer instead of other FireWire devices.

- You can use the FireWire Peerless Drive System with SBP-2 compliant controllers. The drive system is designed to work on SBP-2 compliant controllers as a bus-powered device. Contact the manufacturer of your computer if you do not know the type of FireWire controller in your system.

Do not...

- Do not connect or disconnect your FireWire Peerless Drive System while it is transferring information— **data loss will result!**. Do not disconnect your FireWire Peerless Drive System or unplug power to the base station while a disk is inserted. **To prevent any data loss**, eject the disk before disconnecting the interface cable or power cable from the interface module.

  NOTE: If the blue status/activity light is blinking, the FireWire Peerless Drive System is transferring information. Wait to connect or disconnect any other FireWire devices until the activity light stops

blinking.

- Do not use any 6-pin FireWire cable with your drive other than an Iomega cable.

For best performance...

- Unused FireWire ports should be left empty. There are no terminators for FireWire connections.

- Check the Iomega Web site www.iomega.com frequently for updated software and the latest information on FireWire.

Using Your Peerless Drive System

Use your Peerless drive system just like any other drive on your computer. To access the Peerless drive system, apply power to the drive, insert a disk, and select the Peerless drive letter (PC) or the Peerless icon (Mac®). Store and copy files to and from the Peerless drive system using the same methods you use for other drives on your computer.

The following topics are discussed in this section.

- Inserting Peerless Disks
- Ejecting Peerless Disks
- Separating the Peerless Base Station
- Ejecting a Disk in Case of Power Loss
- Minimizing Power Consumption (Drive Sleep)
- Reading the LCD Display

Inserting Peerless Disks

Insert a Peerless disk as shown in the illustration below. When you insert a disk into the Peerless base station, the blue status/activity light will turn on and the LCD will display "0 KB/s".

If you can't read from or copy to the Peerless disk or it does not mount properly on your desktop after it is inserted, eject it from the base station and insert it again. See Ejecting Peerless Disks below.
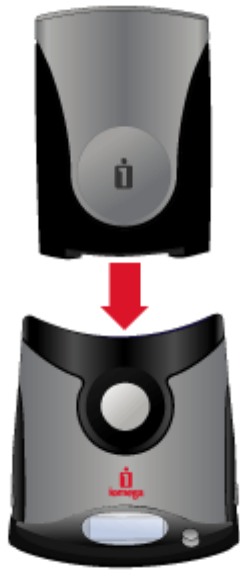
Ejecting Peerless Disks

Mac OS systems—Select the Peerless icon and use Put Away from the File menu, or drag the Peerless icon to the Trash icon. The disk eject button will not eject a Peerless disk that is mounted on the Mac desktop.

Windows® systems—Use the IomegaWare™ software eject command or push the eject button.
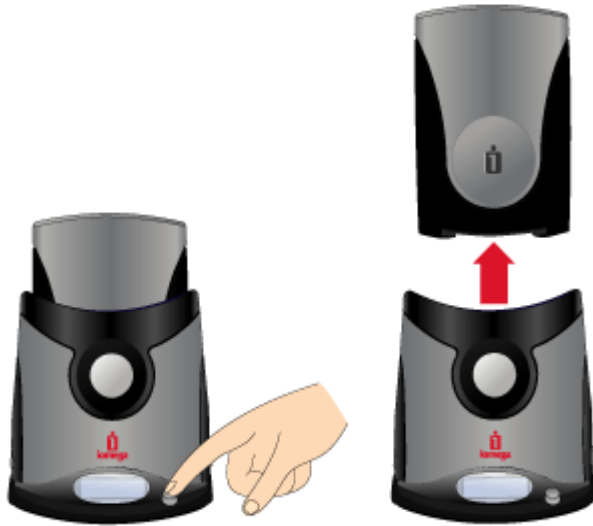
It is not necessary to remove the Peerless disk from the base station when you shut down your computer as long as it remains completely inserted. If the Peerless disk is ejected from the base station when you shut down your computer, remove it and store it in its case.

Separating the Peerless Base Station

To separate the Peerless base from the interface module:

1. Eject the Peerless disk from the base station as explained above.

2. Then simultaneously squeeze the release buttons (shown below) on the Peerless base and slide it out of the interface module.

Ejecting a Disk in Case of Power Loss

The Peerless drive system must be powered on for normal disk removal. To eject a disk during a power failure:

1. Disconnect the power cable and interface cable from the interface module.
2. Separate the interface module from the base.
3. Find the disk eject hole on the base.
4. Push a straightened paper clip into the disk eject hole (at an angle) and lift up.
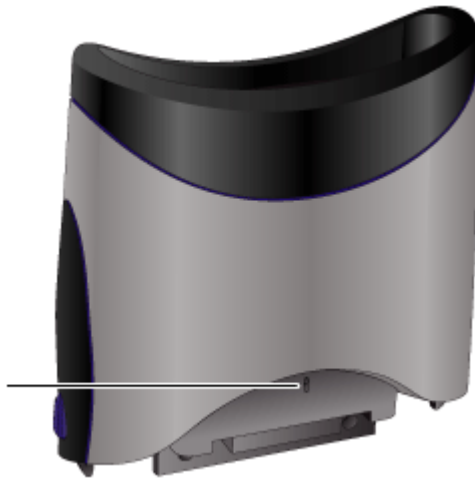
CAUTION! Never force a disk into or out of the Peerless base station.

Minimizing Power Consumption (Drive Sleep)

The Peerless drive system uses an Advanced Power Management feature which minimizes power consumption when the Peerless disk is not being accessed. The Peerless disk automatically spins up again when accessed, causing the drive status light to flash.

Reading the LCD Display

The Peerless LCD display contains the following information:
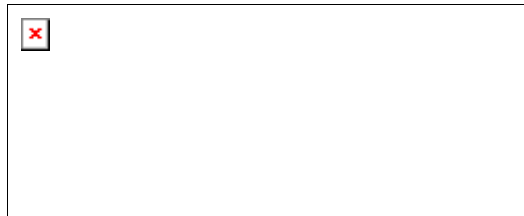
1. Indicates the rate of transfer in megabytes (MB/s) or kilobytes (KB/s).

2. Graphically shows the rate of transfer.

3. Indicates the percentage of space used on the disk.

Using Your Peerless Disks

This section describes some of the things you can do with Peerless disks:

- Handling Peerless Disks
- Replacing a Label on a Peerless Disk
- Backing Up with Peerless Disks
- Read/Write Protecting Peerless Disks
- Formatting Peerless Disks
- Using Peerless Disks Cross-Platform
- Transferring Files Between Mac and PC

Handling Peerless Disks

Always store Peerless disks in their protective cases when they are not inserted in the base station. **Always** remove the disk from the base station before moving the Peerless drive system.

CAUTION! To prevent damage or data loss, never drop the Peerless disk.

Replacing a Label on a Peerless Disk

Peerless disk labels can easily be removed and replaced. Simply slide the label out from underneath the bubble window on the top end of the disk. Then slide a new label in the same way.

Backing Up with Peerless Disks

It's important to always keep current backups of your valuable data—whether the primary data is stored on your hard drive or Peerless disks! You can use Peerless disks to back up both.

The easiest way to back up important data files stored on your hard drive is to use Iomega Backup or QuikSync™ (available from Iomega). You can also use your system's standard procedures.

- On a Mac®, you can drag and drop files from any folder on your **Desktop** to the Peerless drive system.

- In Windows® you can use **My Computer** or **Windows Explorer** to select files or folders from your hard drive and drag-and-drop them to your Peerless drive system.

One advantage of copying files directly to your Peerless drive system is that you can access them easily any time you need them without having to run a restore procedure.

NOTE: **PC Users Only—**An individual file that is 4 GB or larger cannot be copied to a Peerless disk due to the FAT 32 file format constraints. If you have a file that is 4 GB or larger, try using a compression utility to make the file smaller. If you can compress it to less than 4 GB, you will be able to copy it to the Peerless disk.

Read/Write Protecting Peerless Disks

IomegaWare software includes a special read/write protect feature that allows you to:

- **Write Protect** a disk through software instead of with a mechanical write protect switch.

- **Write Protect** a disk and assign a password so that no one can add, edit, or delete files without entering the password first.

- **Read/Write Protect** a disk so that it cannot be read from, or written to, unless the user enters the password you assign.

NOTE: Although Peerless disk protection options are set and removed using IomegaWare software, the actual protection mechanism is secured in the drive hardware. This means the disk protection cannot be bypassed using other software programs. If the Iomega disk is write-protected with a forgotten password, the data to another disk, and reformat the original disk for reuse. If the Iomega disk is read/write-protected, the data cannot be recovered and the disk must be reformatted in order to be used again.

Setting Peerless Disk Protection Under Mac OS

1. Insert the disk you want to protect into your Peerless base station.

2. Open the **IomegaWare** folder on your Mac hard disk, then open the **Tools** folder and double click the **Tools** icon.

3. In the main **Tools** window, click on the icon for the disk you want to protect (or unprotect).

4. Select the **Disk Protection** tool.

5. Choose the protection option you want to use. Click the **Help** button if you need information on any of the options.

Setting Peerless Disk Protection Under Windows

1. Insert the disk you want to protect into your Peerless base station.

2. Open **My Computer** and right click on the Peerless icon.

3. Select **Protect** or **Unprotect** from the drive shortcut menu.

4. Choose the protection option you want to use. Click the **Help** button if you need information on any of the options.

Formatting Peerless Disks

Peerless disks are preformatted. You must use IomegaWare software to reformat Peerless disks or change the format type (Mac or PC).

CAUTION! Formatting a disk erases all data on the disk. Do **not** format any disk that contains information you want to keep!

Mac OS Users

1. Insert the disk you want to format into your Peerless base station.

2. Open the **IomegaWare** folder on your Mac hard disk, then open the **Tools** folder and double click the **Tools** icon.

3. In the main **Tools** window, click on the icon for the disk you want to erase.

4. Select the **Erase Disk** tool.

5. Use **Short Erase** if you want to quickly erase all data on a disk so you can reuse it. Use **Long Erase*** if you are formatting a disk where you have forgotten the password, or if you need to repair a disk that has developed read/write errors due to bad sectors. Use either option to change the format type from PC to Mac.

6. Click **Erase** to start formatting the Peerless disk.

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Windows PC Users

1. Insert the disk you want to format into your Peerless base station.

2. Right mouse click on the Peerless icon in **My Computer** or **Windows Explorer**.

3. Select **Format** from the drive shortcut menu.

4. Choose the format type:

5. Use **Short Format** if you want to quickly erase all data on a disk so you can reuse it. Use **Long Format** if you are formatting a disk where you have forgotten the password, or if you need to repair a disk that has developed read/write errors due to bad sectors. Use either option to change the format type from Mac to PC.

6. Click **Start** to start formatting the Peerless disk.

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Using Peerless Disks Cross-Platform

Mac OS and Windows PC systems use different disk formats. If you use your Peerless disks on both Mac and PC systems, here are some important points you need to know:

CAUTION! Formatting a disk erases all data on the disk. Do **not** format any disk that contains information you want to keep!

On Mac OS Systems

- You can use PC-formatted disks on a Mac OS system that has File Exchange 3.0 or higher installed. It is recommended that you use PC-formatted Peerless disks for file transfer only. You may lose file resource information if files you use on a Mac OS system are stored on a PC-formatted disk.

- You can change a PC-formatted disk to a Mac-formatted disk by using the IomegaWare software on a Mac OS system to erase the disk.

On Windows PC Systems

- PC systems cannot read a Mac-formatted Peerless disk unless special software is installed on the system. If you try to use a Mac-formatted Peerless disk on a PC that does not have disk exchange software installed, you will see a message indicating that the disk is not formatted.

- You can change a Mac-formatted disk to a PC-formatted disk by using IomegaWare software on a PC to erase the disk.

Transferring Files Between Mac and PC

If you need to transfer files between a Mac and PC, you can use a PC-formatted Peerless disk if File Exchange 3.0 or higher or PC Exchange version 2.0 or higher is loaded on the Mac. You can use a Mac-formatted Peerless disk if the PC has disk exchange software installed.

NOTE: The Peerless drive system does not convert file formats. When using files cross-platform, the file format and application must work on both Mac and PC platforms.

Peerless Tips

Here are a few tips you'll want to keep in mind to care for your Peerless base station and disks!

- Place your Peerless drive system on a stable, flat surface away from the edge of your desk.

- Avoid exposure to dust, direct sunlight, extreme temperatures, moisture, and magnetic fields.

- Never put anything except Peerless disks into the Peerless base station as this could damage your drive system and may affect your warranty.

- Your Peerless disk may feel warm to the touch when ejected from the base station. This is normal and does not affect proper operation or data on the disk.

- Always return the Peerless disk to its case when not in use or not completely inserted into the Peerless base station.

- Never force a disk into or out of the base station.

- Always make sure the outside of a Peerless disk is free of dust and debris before inserting it into the base station. Use a soft, dry, lint-free cloth if you need to clean the outside of the disk.

General Troubleshooting

If you encounter a problem while connecting or using your Peerless™ drive system, check the topics listed below for possible solutions. For additional help options, see How to Get Help.

- Windows Stops Responding When You Disconnect the Iomega Peerless Drive System
- You Want To Change the Drive Letter Assigned to Your Iomega Peerless Drive System
- Your Computer Does Not Recognize Multiple Partitions on your Peerless Drive System
- The LCD Displays a "505" or "SOS" Error Code
- You Cannot Get a Large File to Copy to the Peerless Disk
- Peerless Disk Fails Format When Using Windows 2000

For additional USB or FireWire® troubleshooting, see USB Drive Troubleshooting or FireWire Drive Troubleshooting.

Windows® Stops Responding When You Disconnect the Peerless Drive System.

This may occur because Windows is trying to access a file that is on your Iomega Peerless disk. Make sure that no files on the disk are in use when you unplug the drive system. Be sure to eject the disk before

disconnecting the interface cable or power cable from the interface module to prevent any data loss.

You Want To Change the Drive Letter Assigned to Your Iomega Peerless Drive System.

NOTE: Changing your drive letters may cause letters assigned to other devices to be reassigned. Some links and dependencies may be broken. In addition, it may be necessary to reconfigure the software that came with your Iomega Peerless drive system after following these step, since changing drive letters may break some links within the software.

Drive letter assignments are controlled by the operating system—in order to change a drive letter assignment, you must work with the procedures required by your computer's operating system.

Windows 98 and ME Users

To change the drive letter for a removable drive:

1. Right click the Peerless icon in **My Computer** or **Windows Explorer**.
2. Click **Properties**.
3. Click the **Iomega** tab.
4. A list of available drive letters displays (including network drives). Select the drive letter you want to assign to each removable device attached to your system by selecting a new drive letter in the pull-down menu box below the drive icon.
5. Click **OK**.
6. Restart your system for the changes to take effect.

Windows 2000 Users: Drive letter assignments are controlled by the operating system. In order to change a drive letter assignment, you must work with the procedures required by your computer's operating system. The following instructions describe how to change drive letters for removable drives under Windows 2000.

NOTE: You must have administrator privileges for your local computer in order to change drive letters under Windows 2000.

1. Select **Control Panels**, **Administrator Tools**, **Computer Management**, then **Disk Management**.
2. Right click the icon for your Iomega drive and select **Change Drive Letter and Path** from the shortcut menu.
3. Click the **Edit** button.
4. Click **Assign a drive letter** and select the letter you want to use for your Iomega drive.

Your System Does Not Recognize Multiple Partitions on your Peerless Drive System.

The Iomega Peerless disk should not be partitioned. IomegaWare software does not support partitions on the Peerless disk.

The LCD Displays a "505" or "SOS" Error Code.

The drive system needs to be reset. To reset the drive system, follow the instructions below:

1. Eject the Peerless disk.
2. Disconnect the power cable and the interface cable from the interface module.
3. Reconnect the power cable and the interface cable to the interface module.
4. Insert a Peerless disk.

You Cannot Get a Large File to Copy to the Peerless Disk.

PC Users Only—An individual file that is 4 GB or larger cannot be copied to a Peerless disk due to FAT 32 file format constraints. If you have a file that is 4 GB or larger, try using a compression utility to make the file smaller. If you can compress it to less than 4 GB, you will be able to copy it to the Peerless disk.

Peerless Disk Fails Format When Using Windows 2000.

Windows 2000 defaults to a FAT 16 file format when formatting disks. The Peerless disk requires a FAT 32 file format. Formatting your Peerless disk using IomegaWare software, rather than Windows 2000, will solve this problem.

Troubleshooting for Your USB Drive System

If you encounter a problem while connecting or using your Peerless™ drive system, check the topics listed below for possible solutions. For additional help options, see How to Get Help.

CAUTION! The USB Peerless Drive System is designed to the latest USB specification. However, there are some USB devices (including controller chips and hubs) currently available on the market that do not conform to the USB standard. If you experience problems after connecting the Peerless drive, your system may contain a non-compliant USB controller. Contact the manufacturer of the USB controller or your computer for possible solutions. We also recommend checking the Iomega web site (www.iomega.com) frequently for updated software and the latest information on USB.

- The Peerless Icon Does Not Appear on a Mac OS Desktop.
- The Iomega USB Drive System Is Not Assigned a Drive Letter under Windows.
- Iomega USB Drive System Performance Seems Slow.
- Your Iomega USB Drive System Stops Responding While You Are Saving or Copying Files.
- The Iomega USB Drive System Does Not Work on an Older Laptop Computer.

The Peerless Icon Does Not Appear on a Mac® OS Desktop.

NOTE: A Peerless icon will only appear on your desktop if you insert a Peerless disk into the Peerless base station.

1. If you did not reboot your computer after installing the Iomega software, do so now.

2. Check all connections.

3. Make sure the drive system is receiving power.

4. Make sure you are using the USB cable that came with your Iomega drive system.

5. Make sure the IomegaWare software is installed. The IomegaWare software package shipped with your drive system includes drivers required for Iomega USB drives. Restart after running the IomegaWare software installer.

6. If you are connected to a USB hub, ensure the hub is connected correctly and has power.

7. Try connecting the Iomega Peerless drive system directly to one of the USB connections on your computer, rather than a USB hub or keyboard.

8. If the problem continues, there may be an extension conflict on your system. Please contact the Iomega web site (www.iomega.com) or refer to How to Get Help for additional troubleshooting information.

The Iomega USB Drive System Is Not Assigned a Drive Letter under Windows.

1. Check all connections.

2. Make sure the drive system is receiving power.

3. Make sure you are using the USB cable that came with your Iomega Peerless drive system.

4. Make sure the IomegaWare software is installed. The IomegaWare software package shipped with your drive includes drivers required for Iomega USB drives.

5. Try reinstalling the software. If you are using Windows and the Iomega software is already installed, remove it using Add/Remove Programs in Control Panel, restart Windows, then reinstall the software.

6. Check to see if your USB controller is enabled and is working properly:

Windows 98/Me Users:

     a.   Right click on the icon for **My Computer** and select **Properties**.

     b.   Click the tab for **Device Manager**.

     c.   Double click on **Universal Serial Bus Controller**.

     d.   **Universal Host Controller** and **USB Root Hub** should be listed.

     e.   If either of these has an exclamation or a red X next to it, or if the Universal Serial Bus Controller is not listed, there is a problem with the USB Controller. Call your computer manufacturer for information on getting it fixed.

7. If you are connected to a USB hub, ensure the hub is connected correctly and has power.

8. Try connecting the Iomega Peerless drive directly to one of the USB connections on your computer, rather than a USB hub or keyboard.

9. Try manually assigning a drive letter to the Iomega USB drive system.

10. Check your BIOS to ensure USB is enabled. Refer to your computer's User's Guide or manual for directions.

NOTE: If you disconnect your Iomega USB drive system and reconnect to the same USB port, the drive should be reassigned the same drive letter automatically. If you reconnect to a different USB port, you may have to manually reassign the drive letter.

If the problem continues, there may be a driver conflict on your system. Please contact the Iomega web site (www.iomega.com) or call our Automated FaxBack help for additional troubleshooting information.

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Windows 2000 Users:

1. Check all connections.

2. Make sure the Iomega USB drive system is receiving power.

3. Make sure you are using the Iomega USB cable that came with your Iomega Peerless drive system.

4. If you are connected to a USB hub, ensure the hub is connected properly and has power.

5. Try connecting the Iomega USB drive system directly to one of the USB connections on your computer,

rather than a USB hub or keyboard.

6. Try manually assigning a drive letter to the Iomega USB drive system.

   NOTE: You must have administrator privileges for your local computer in order to change drive letters under Windows 2000.

   a. Select **Control Panel**, **Administrator Tools**, **Computer Management**, then **Disk Management**.

   b. Right click on the icon for the Iomega USB drive and select **Change Drive Letter & Path** from the shortcut menu.

   c. Click the **Edit** button.

   d. Click on **Assign a drive letter** and select the letter you want to use for your Iomega USB drive system.

Iomega USB Drive System Performance Seems Slow.

Other USB devices connected at the same time as the Iomega Peerless drive system can affect the Iomega Peerless drive system's performance, especially digital cameras or scanners that are processing large amounts of data. If you are using a hub to connect several devices to your computer, disconnect the other devices and connect the device directly to either of the computer's USB ports.

Your Iomega USB Drive System Stops Responding (Locks up), or Information Gets Lost or Corrupted While You Are Saving or Copying Files.

The problem is probably due to a non-compliant USB controller chip or other USB device on your computer system. Try the following suggestions:

- Carefully follow the USB guidelines. They are designed to help you avoid some of the problems caused by non-compliant USB devices.

- Upgrade your system software to Windows 98 Second Edition. This version of Windows 98 includes USB driver upgrades that fix most of the problems associated with USB controllers and motherboards.

- If the problem still continues, you may want to upgrade the USB controller in your computer system to one that complies with the latest USB specification. In this case, contact your computer manufacturer for help.

- Do not connect or disconnect **any** USB device while the Iomega USB drive system is transferring information. **Data loss will result!**

CAUTION! USB devices (including controller chips, hubs, cables, cards, mice, joysticks, and peripherals) that do not comply with the USB specification may cause system lockups or possible data loss when used with your Iomega USB drive system. If you are not sure that a USB device complies with the latest USB specification, contact the manufacturer of the device.

The Iomega USB Drive System Does Not Work on an Older Laptop Computer.

Some older laptops use a USB port called an "Open Host" that is not compliant with the latest USB specification. If your laptop has an "Open Host" USB port, your Iomega USB Peerless Drive System may not be assigned a drive letter when connected to the laptop. Try following the USB guidelines. They are designed to help you avoid some of the problems caused by non-compliant USB devices. If you continue to have problems, contact the manufacturer of your laptop computer for additional information.

Troubleshooting for Your FireWire® Drive System

If you encounter a problem while connecting or using your Peerless™ drive system, check the topics listed below for possible solutions. For additional help options, see How to Get Help.

- The Peerless Icon Does Not Appear on a Mac OS Desktop
- Identifying Your Version of Windows 98
- Your Iomega Peerless Drive System Stops Responding While You Are Saving or Copying Files

The Peerless Icon Does Not Appear on a Mac® OS Desktop.

1. If you did not reboot your computer after installing the IomegaWare software, do so now.

2. Check all connections.

3. Make sure the drive system is receiving power.

   - If you are using a 4-pin connector, make sure your power supply is connected and working.

   - If you are using a 6-pin connector make sure the blue status light is on. If it is not on, connect Iomega power supply.

4. Make sure the IomegaWare software is installed. The IomegaWare software package shipped with your drive system includes drivers required for Iomega FireWire drive systems. Restart after running the IomegaWare software installer.

5. If you are connected to a FireWire repeater/hub, ensure it is connected correctly and has power.

6. Try connecting the Iomega FireWire cable directly to one of the FireWire connections on your computer, rather than a FireWire device.

7. If the problem continues, there may be an extension conflict on your system. Go to the How to get Help section of this User's Manual for information.

8. If the Iomega Peerless icon does not appear after the Iomega FireWire drive system is connected, it may be because there are other bus-powered devices connected and there is not enough available power for the Iomega FireWire drive system. If this condition exists try the following:

    • disconnect other FireWire devices from the computer.
   • Connect the AC adapter to the other device(s).

NOTE: To prevent data loss, do not plug in additional FireWire devices while any FireWire device is in use.

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Identifying Your Version of Windows® 98

Your Iomega FireWire Peerless Drive System will only run under Windows 98 Second Edition. Follow these instructions, If you are unsure which version of Windows 98 is installed on your computer:

1. Right click on the icon for **My Computer** and select **Properties**.

2. Click the tab for **General**.

3. Your version of Windows 98 is listed in the upper right hand corner of the window. If the System information does not read "Microsoft Windows 98 Second Edition 4.10.2222A," you will need to update your operating system.
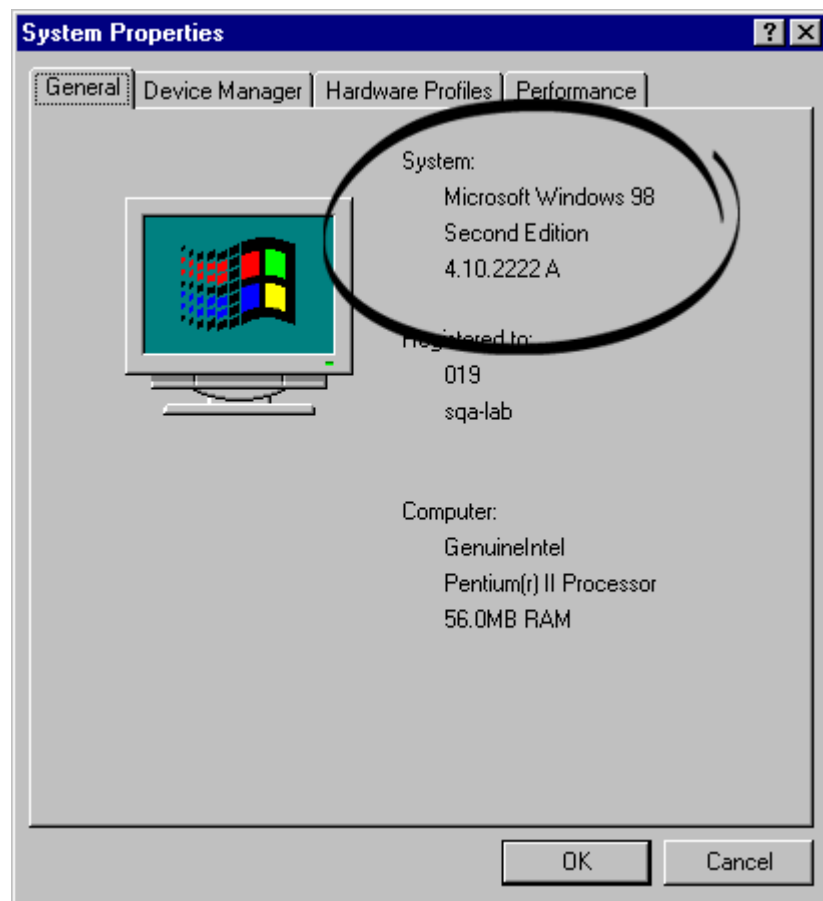
Your Iomega Peerless Drive System Stops Responding (Locks up), or Information Gets Lost or Corrupted While You Are Saving or Copying Files.

PC Users

The problem is probably due to a FireWire controller chip or other FireWire device on your computer system that is not SBP-2 compliant. Try the following suggestions:

- Carefully follow the FireWire guidelines. They are designed to help you avoid some of the problems caused by non-compliant FireWire devices.

- If the problem still continues, you may want to upgrade the FireWire controller in your computer system

to one that complies with the FireWire SBP-2 specification. In this case, contact your computer manufacturer for help.

- Do not disconnect the Iomega Peerless drive system while it is transferring information—**data loss will result!**

- You must have Windows 98 SE, Me, or Windows 2000 to use the Iomega FireWire Peerless Drive System.

CAUTION! FireWire devices (including controller chips, cables, cards, and peripherals) that do not comply with the FireWire specification may cause system lockups or possible data loss when used with your Iomega FireWire Peerless Drive System. If you are not sure that a FireWire device complies with the latest FireWire specification, contact the manufacturer of the device.

iomega®