Maxtor®

Maxtor OneTouch™ II Drive
FireWire 800 Edition
User's Guide

P/N: 20280400

Contents

1 Introduction

Thank you for selecting a Maxtor product.

The new Maxtor OneTouch™ II FireWire 800 Edition, with triple interfaces (FireWire 800, FireWire 400 and USB 2.0), lets you access high-end graphics, photos and video files quickly, and connect easily with other computers.

This user's guide will help you setup your drive and includes helpful tips for performing backups and getting the most out of your new Maxtor OneTouch II drive, FireWire 800 Edition.

The Maxtor OneTouch II drive, FireWire 800 Edition features:

- Triple interfaces: FireWire 800, FireWire 400, and USB 2.0
- Maxtor OneTouch™ button - the simple way to backup your files
- EMC® Dantz® Retrospect® Express software
- Maxtor DriveLock™ security feature password-protects the contents of the drive in case of loss or unauthorized use
- Mac and PC compatible (pre-formatted for Mac)
- Boot your Mac operating system directly from the drive
- Simple Maxtor user interface for drive management, security and backup scheduling

The Maxtor OneTouch Settings utility features:

- Security settings to password-protect your critical data
- Power management features to conserve energy when your drive isn't being used
- Diagnostic utilities to check the health of your drive
- Customizing the OneTouch button which allows you to open a frequently-used program with the touch of a button
- Using Retrospect Express to back up and restore your data
- Performance settings to enhance your drive

For more information about the OneTouch Settings, see "Restoring Your Complete System" on page 42.

Drive Components

Before installing your new drive, review the features shown in Figure 1.

Refer to the capacity label on the front of the box of your Maxtor OneTouch II drive to determine which model you have.
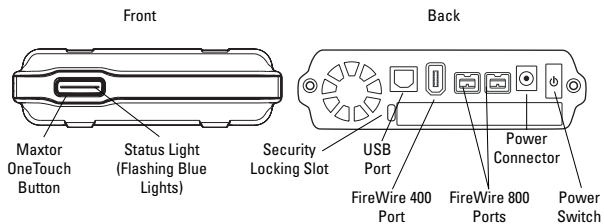
Front   Back

Maxtor	Status Light	Security	USB	Power
OneTouch	(Flashing Blue	Locking Slot	Port	Connector
Button	Lights)			

FireWire 400   FireWire 800   Power
Port   Ports   Switch

Figure 1. Maxtor OneTouch II FireWire 800 Drive Features

Included in this Kit

The Maxtor OneTouch II FireWire 800 drive comes complete with the components shown in Figure 2. Familiarize yourself with each of these items prior to installation.
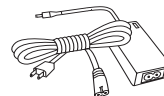

Maxtor OneTouch II
FireWire 800 Drive

User's Guide
(Included on Install CD)

Install CD

Power Adapter

FireWire 800
(9-pin) Cable

USB Cable

FireWire 400
(6-pin) Cable

Rubber Feet

Vertical Stand

Figure 2. Included in this Kit

FireWire 800
9-pin to 9-pin FireWire 800
(1394b) Cable

FireWire 400
6-pin to 6-pin FireWire 400
(1394a) cable

Many laptop computers, have a smaller 4-pin FireWire port requiring a special 4-pin to 6-pin FireWire cable. This is not included, but can be purchased from your local computer store.

USB

'A' to 'B' USB cable

The 'A' connector, typically, plugs into your computer and the 'B' connector plugs into your drive.

If your computer has a different type of USB connection, you can purchase the correct type of cable from your local computer store.

'A'
connector

'B'
connector
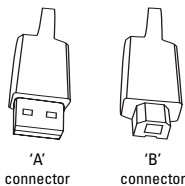
Though this model has both USB and FireWire interfaces, it is only possible to use one interface at a time.

System Requirements

Macintosh

- FireWire 800 requires Mac OS X 10.2.8 or higher and FireWire 800 (9-pin) equipped computer

- Apple G4 processor or greater

- Mac OS 9.1 or later (FW 800 not supported); OS X (10.1.2-10.1.5; 10.2.4 or later)

- OS 9: 64MB RAM or more as required by operating system

- OS X: 128MB RAM or more as required by operating system

- CD-ROM drive

- Internet connection (for system updates)

Mac OS 9 is compatible only with the FireWire 400 inferface. Retrospect Express does not work with the Server edition of the Mac OS.

USB 1.1 is slower than USB 2 or FireWire.

System Requirements

Windows

- FireWire 800 requires Windows 2000 or XP operating system and FireWire 800 (9-pin) equipped computer

- Pentium III, 500 Mhz equivalent processor or higher

- 2000 Professional, XP Professional, or XP Home Edition

- 128MB RAM or more as required by operating system

- CD-ROM drive

- Internet connection (for system updates)

   All references to Windows 2000 actually refer specifically to Windows 2000 Professional. Retrospect Express does not work with the Server editions of these operating systems.

   USB 1.1 is slower than USB 2 or FireWire.

Interface Requirements

- USB: Available USB 1.1 or 2.0 port
- FireWire: Available FireWire 400 or FireWire 800 ports

Handling Precautions

Handle your drive with care! Follow the precautions listed here or you could damage your drive and void your warranty. Review the Maxtor Limited Warranty Card, included in the box, for more information.

The following precautions can prevent loss of data:

- Do not bump, jar, drop the drive or move while in operation.

- Do not set the drive on its side without using the vertical stand as it could fall over and cause damage.

- Do not remove any cables or power cords without properly disconnecting the drive through the operating system.

- Do not set any liquids or drinks on the drive. Liquids will damage the internal electronics.

- Do not attempt to open the drive's case. This will void your warranty.

About this Guide

The following symbols and conventions are used in this guide:

Bold Used for menu, command, and keyboard selections you make and screens you will see.

Italics Used for emphasis and to identify new terms, which may also be defined in the Glossary.

Helpful information about a particular topic.

Important information to prevent problems and ensure that you are successful in using the drive.

Maxtor Product Support

Maxtor Corporation provides a comprehensive product support section on its web site, including the latest software drivers, product specifications, user's guides, a complete troubleshooting section, and the Maxtor Knowledge Base – for answers to the most frequently asked questions.

Maxtor USA Support

Visit **www.maxtorkb.com** for the following information:

- **Search the Hard Drive Knowledge Base**
  We store all resolved problems and FAQ's in our knowledge base. Search by product, category, keywords, or phrases.

- **My Stuff**
  Login to modify or view your FAQ update notifications or update your personal profile.

- **Most Popular Help Topics**
  Top five most frequently asked questions.

- **Software Download**
  Download installation and diagnostic programs for your hard drive or External Storage device.

Maxtor Worldwide Support

Visit **www.maxtor.com** and click **worldwide support** or **contact us** for product support outside of the USA.

2 Installing Your Drive

In this chapter you will install your Maxtor OneTouch™ II FireWire 800 drive, the EMC® Dantz® Retrospect® Express backup software, and activate the Maxtor OneTouch button for simple backups of your valuable data anytime you need them. To ensure a successful installation, follow the steps outlined below.

⚠ Please do not connect the drive to your computer until **after** you have installed the software.

Follow these steps to install your drive

Step 1. Install the software.
Step 2. Connect the drive to your computer.

Software Installation Options
There are two options for the software installation:

• **Full Installation (Recommended)**
  Installs the Maxtor software drivers necessary for the OneTouch II drive to operate, the OneTouch Utility program and the EMC Dantz Retrospect Express backup software that allows you to backup data at the touch of a button.

• **Install Drivers**
  Installs **only** the Maxtor drivers and the Maxtor OneTouch Utility.

Select your operating system

The complete, step-by-step installation for popular Macintosh and Windows operating systems is described separately in the following sections. Simply find the section for your operating system and follow the steps to get your Maxtor OneTouch II drive up and running.

Macintosh OS X

Step 1. Install the Software

⚠️ **Software installation:** Do not press the Maxtor OneTouch™ button until instructed by the User's Guide or installation software. Please quit all applications before starting the installation process. Do not remove the installation CD until after completing the Maxtor OneTouch setup.

1. Turn on your computer.

2. Insert the Maxtor Installation CD into your CD-ROM drive.

   After a few seconds, the Install CD should appear on your Macintosh's desktop.

3. Open the Install CD Icon.

4. Find the folder appropriate for your language and open it.

5. Open the folder named OS X.

6. Double-click the **Install Retrospect Express** icon**.**

   The **Authenticate** window will open.

7. Enter your Name (if necessary) and Password for your OS X system.

(This is the Name and Password you set up when you originally installed OS X)

Click **OK.**

The **Retrospect Express** Installer will open.

8. Click **Continue.**

   The license screen will appear.

9. Review license agreement and **Accept** to continue.

   The **Install Retrospect Express** screen will appear.

10. This screen allows you to specify what type of installation you want and where. It is automatically set up to do a Full Installation (recommended) into the Applications folder on your Macintosh.

    You can select the Custom Installation, using the **Easy Install** menu (recommended), as well as change the location of the installation using the **Install Location** menu at the bottom of the screen.

    When you are ready, Click **Install.**

    The installation will begin.

11. When the installation is complete, the **Installation was successful** screen should appear, asking you to Restart.

12. Click **Restart.**

2

13. After your Macintosh restarts, **please remove the Maxtor Install CD from your computer.**

14. Proceed to the next section: Connect the Drive.

Step 2. Connect the Drive

The Maxtor OneTouch II drive connects to your computer using either a FireWire or USB interface. Make sure you know which interface is available on your drive and on your computer.

Please install the software BEFORE you connect the drive.

Connecting the Power

1. Plug the round female connector from the power adapter into the drive's power connector.

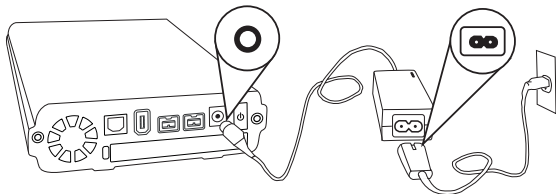**2.** Plug the two-pin female connector on the power cord into the power adapter.

Figure 1. Connecting the Power

3. Plug the standard electrical plug from the power adapter into your power source.

4. Turn on the Maxtor OneTouch II drive using the power switch on the back of the drive. The two blue lights on the front of the drive should illuminate.

5. Determine whether you have USB or FireWire ports available on your system. If you are connecting your drive with FireWire, proceed to "To connect the FireWire cable" on page 9.

Connecting with the USB Cable

Do not plug a USB cable into the drive when a FireWire cable is already connected to the drive. The drive will only operate with one interface at a time.

The Maxtor OneTouch button, Power management, and OneTouch Settings utility program are not supported for USB on the Macintosh. You may, however, use your drive as external storage and utilize the Retrospect software to maintain backup copies of your files and complete system.

To connect the USB cable

1. Plug the larger end of the USB cable into any available USB port on your computer. This USB logo ™ may help you identify a USB port.

2. Plug the smaller end of the USB cable into the USB connection on the drive.
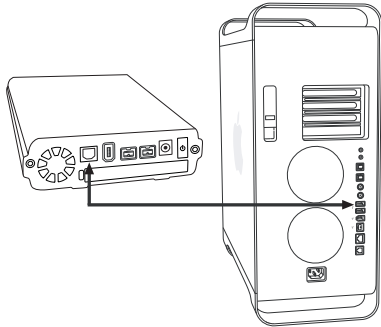

Figure 2. Connecting to a USB Port

The installation is complete and your Maxtor OneTouch II drive is ready to use!

If you did the Full Installation, including Retrospect Express, we encourage you to go to "Setting Up Bootable Backup with the OneTouch Button" on page 10 for easy, automated backup of your entire computer, anytime, with the touch of a button!

If you did not install Retrospect Express, the installation is complete and your Maxtor OneTouch II Drive is ready to use. See "Using Your Drive" on page 27 in chapter 3, for information about using your drive for common applications.

Connecting with the FireWire Cable

⚠️ Do not plug a FireWire cable into the drive when a USB cable is already connected to the drive. This drive will only operate with one interface at a time.

To connect the FireWire cable

1. Plug one end of the FireWire cable into any available FireWire port on your computer or to any other FireWire device that is connected to your computer.
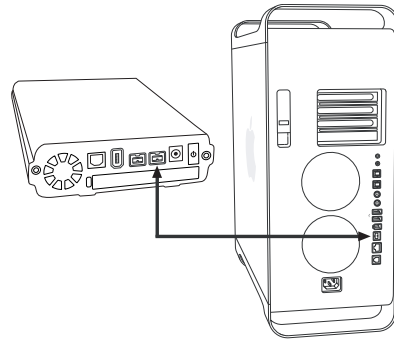

Figure 3. Connecting to a FireWire port

📄 A FireWire 800 adapter card is required for systems that do not have a FireWire 800 interface.

2. Plug the other end of the FireWire cable into an available FireWire port on the back of the drive.

The installation is complete and your Maxtor OneTouch II drive is ready to use!

If you did the Full Installation, including Retrospect Express, we encourage you to go to the next section to setup the Maxtor OneTouch button for easy, automated backup of your entire computer, anytime, at the touch of a button!

Setting Up Bootable Backup with the OneTouch Button

The following steps will provide you with a complete bootable backup of your Macintosh computer.

Bootable backup works with FireWire only.

When finished, you will have a backup of your entire computer, as well as the ability to start up your computer from your Maxtor OneTouch II drive.

Before you begin, make sure the Maxtor Install CD is NOT in your CD-ROM drive.

The bootable backup option requires either using the entire OneTouch II drive for the backup copy or creating a dedicated disk partition for the backup copy. If you wish to store any files on the OneTouch II drive that are not included on the system drive you plan to copy, they must be stored in another partition on the OneTouch II drive.

Prepare your Maxtor OneTouch II Drive

1. Select your system drive in the Finder and select **Get Info** from the **File** menu. Write down its capacity, it is listed here as "Capacity: xxx.xx GB".

2. Open Apple's **Disk Utility** program (located in the Applications/Utilities folder)

3. Select your Maxtor OneTouch II drive in the list and click on the **Partition** tab

The following step will erase everything that currently exists on your Maxtor OneTouch II drive. Check your drive carefully to make sure there are no files on it you wish to keep.

4. Click on the **Volume Scheme** pull-down menu and select **two partitions**.

5. Select the first partition in this list and type in the capacity of your system drive (you checked in step #1 above) to the Size field. In the Name field, enter the name **Maxtor Bootable Backup.**

6. The remaining space will be allocated to a second partition that can be used for general storage, enter the name **Maxtor Extra Storage.** When finished, click the **OK** button.

7. A warning message will appear. Click the **Partition** button when you are ready.

8. After the partitioning process is completed, **Quit** Apple's Disk Utility. You should now see the two partitions as drive volumes on your Desktop.

9. Go to the **Apple** menu and select **System Preferences**. Select **Security**, click on the **Turn Off FileVaulting** button, then **Quit** System Preferences.

10. Select the "Maxtor Bootable Backup" drive. Then from the **Finder**, select **File** and **Get Info**.

11. From the drive's Info Window, click on **Ownership & Permissions** and remove the check from **Ignore ownership on this volume**. Type in your password and close the info window.

Set up Retrospect Express and back up your computer

1. Push the button on the front of your drive.

   A window appears that says: 'You need an administrator password to start Retrospect.'

   Enter the Name and Password for your OS X system.

   (This is the Name and Password you set up when you originally installed OS X)

2. Click **OK.**

   The next screen will appear:

   'Would you like to register Retrospect Express now?'

3. Choose **Register Now**, **Register Later** or **Already Registered**.

   If you chose **Register Now**, go to the next step.
   If you chose **Register Later** or **Already Registered**, **Retrospect Express** will open. Go directly to Step 5.

4. Enter the required information on the form.

   • Click **Email** to register via email

   • Click **Print** to register via mail

   • Click **Register Later** if you do not want to register now.

2

By registering[1] your new drive, you will have the option of receiving product updates, special offers, and important information about other data storage solutions from Maxtor.

Once you've made your selection, **Retrospect Express** will open and the **Maxtor OneTouch Setup** screen will appear.

5. Click **Next**.

The Step 1 screen will appear.

6. Select the hard drive where your operating system is installed and click **Next**.

The Step 2 screen will appear.

7. Choose **All Files, bootable backup copy** and click **Next**.

The **Step 3** screen is displayed.

8. Select the Maxtor OneTouch II drive as the location to store an exact copy of all your computer's files.

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1. Your registration information is collected and maintained according to the EMC and Maxtor privacy policies located on their respective web sites.

   If you choose to e-mail the information, make sure you are connected to the Internet.

   If you choose to print the information, you can fax the form to EMC Dantz Corporation at +1 925 253 9099.

You cannot select the same drive to be both the source and destination for your files. The source and destination drives must be different.

9. Click **Next**.

The "**Congratulations... now ready**" screen appears.

10. To complete the Maxtor OneTouch setup, click **Finish**.

11. Go to the **Retrospect Express** menu and choose **Quit Retrospect Express** to exit Retrospect Express.

12. If you are ready to back up your entire computer, push the button on the front of your drive.

The OneTouch button may not function when Retrospect Express is already running. To correct the problem, quit Retrospect Express**.**

Your complete system backup will start.

The length of time for the backup process depends on the number of files on your computer.

Only the current versions of your files are saved. Backup copies made with the Maxtor OneTouch feature do not include earlier versions of files you have deleted since the last time you pressed the Maxtor OneTouch button.

Any files that are currently open are not saved.

You may customize Retrospect Express to create backup copies of your files which will include revisions made on a daily basis. See the Retrospect Express User's Guide for Macintosh, included on the install CD.

Your hardware and software installation is now complete. See "Using Your Drive" on page 27 in chapter 3, for information on using your drive for common applications and on using Retrospect to make copies of your important files and restore backed up files.

Macintosh OS 9

Step 1. Install the Software

1. Turn on your computer

2. Insert the Maxtor Installation CD into your CD-ROM drive.

   After a few seconds, the Maxtor CD should appear on your Macintosh desktop.

3. Open the Install CD icon.

4. Find the folder appropriate for your language and open it.

5. Double-click the **Install Retrospect Express** icon**.**

   The **Retrospect** Installer will open.

6. Click **Continue.**

   The license screen will appear.

7. Review the license agreement and click **Accept**.

   The **Install Retrospect Express** screen will appear.

   This screen allows you to specify what type of installation you want and where. It is automatically setup to do an **Easy Install** (full installation) which is recommended. It will install **Retrospect Express** into the Applications folder on your Macintosh.
   You can select a Custom Installation, using the **Easy Install** pop-up menu, as well as change the location of the installation using the **Install Location** menu at the bottom of the screen.

8. When you are ready, click **Install.**

   The installation will begin.

   When the installation finishes, the **Installation was successful** window should appear, asking you to restart.

9. Click **Restart.**

10. After your Macintosh restarts, please eject the Maxtor Install CD from your computer.

11. Proceed to the next section: Connect the Drive.

2

2

Step 2. Connect the Drive

The Maxtor OneTouch II drive connects to your computer using either a FireWire or USB interface. Make sure you know which interface is available on your drive and on your computer.

Please install the software **before** you connect the drive.

Connecting the Power

1. Plug the round female connector from the power adapter into the drive's power connector.

2. Plug the two-pin female connector on the power cord into the power adapter.
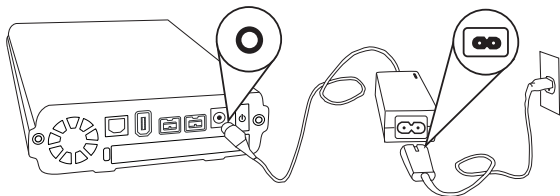

Figure 4. Connecting the Power

3. Plug the standard electrical plug from the power adapter into your power source.

4. Turn on the Maxtor OneTouch II drive using the power switch on the back of the drive. The two blue lights on the front of the drive should illuminate.

5. Determine whether you have USB or FireWire ports available on your system. If you are connecting your drive with FireWire, proceed to "Connecting with the FireWire Cable" on page 15.

Connecting with the USB Cable

⚠️ Do not plug a USB cable into the drive when a FireWire cable is already connected to the drive. The Maxtor OneTouch II drive will only operate with one interface at a time.

Before you connect

Disable the File Exchange control panel:

- From the **Apple** menu, select **Control Panels**

  The **Control Panels** folder will open.

- Double-click the **Extensions Manager** icon.

  The **Extensions Manager** panel will open.

- From the list that appears, uncheck the check box next to the **File Exchange** control panel by clicking on it.

- Click **Restart.**

After your Macintosh restarts, proceed to the next step.

⚠️ The Maxtor OneTouch button, Power management, and OneTouch Settings utility program are not supported for USB on the Macintosh. You may, however, use your drive as external storage and utilize the Retrospect Express software to maintain backup copies of your files and complete system.

To connect the USB cable

1. Plug the larger end of the USB cable into any available USB port on your computer. This USB logo ⟋⟍ ™ may help you identify a USB port.

2. Plug the smaller end of the USB cable into the USB connection on the drive.
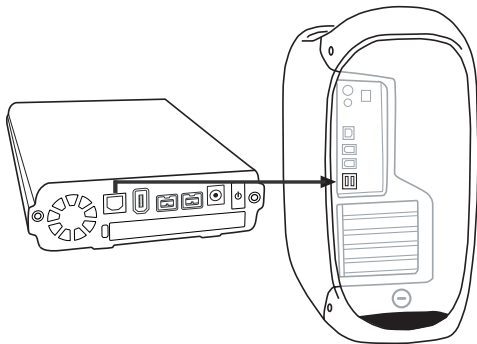

Figure 5. Connecting to a USB Port

Depending on the size of your drive, it may take several seconds for your Macintosh to recognize the drive.

The installation is complete and your drive is ready to use!

Connecting with the FireWire Cable

⚠️ Do not plug a FireWire cable into the drive when a USB cable is already connected to the drive. This drive will only operate with one interface at a time.

2

Before you connect

Disable the **File Exchange** control panel:

- From the **Apple** menu, select **Control Panels**

- The **Control Panels** folder will open.

- Double-click the **Extensions Manager** icon.

  The **Extensions Manager** panel will open.

- From the list that appears, uncheck the check box next to the **File Exchange** control panel by clicking on it.

- Click **Restart.**

After your Macintosh restarts, proceed to the next step.

To connect the FireWire Cable

1. Plug one end of the FireWire cable into any available FireWire port on your computer or any other FireWire device that is connected to your computer.

2. Plug the other end of the FireWire cable into either of the available FireWire ports on the back of the drive.
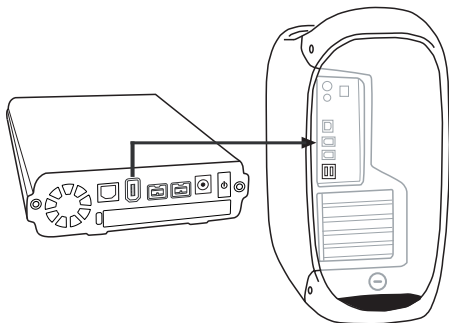

Figure 6. Connecting to a FireWire port

Depending on the size of your drive, it may take several seconds for your Macintosh to recognize the drive.

The installation is complete and your Maxtor OneTouch II drive is ready to use!

If you did the Full Installation, we encourage you to proceed to the next section, "Backing Up Your Computer" on page 16, to setup Retrospect Express for easy, automated backup of your entire computer!

If you'd like to learn how to set up OneTouch button for backing up your files at the touch of a button, see "Setting Up the Maxtor OneTouch Feature" on page 32 in chapter 3.

See "Using Your Drive" on page 27 in chapter 3, for information on using your drive for common applications and on using Retrospect Express to backup and restore your important files.

Backing Up Your Computer

To backup your entire Macintosh including the operating system, use the following steps:

⚠️ You cannot run Retrospect Express under OS 9 to create system backups of OS X. You must run Retrospect Express under OS X to back up an OS X system.

1. Open **Retrospect Express**

    The **Retrospect Express Directory** window will open.

2. Click the **Automate** tab.

    The **Scripted Retrospect operations** section will appear.

3. Click **EasyScript**.

The 'Welcome to EasyScript' window will appear.

4. Click **Next**.

The **Backup media** page will appear.

5. Select **File backup set (hard disk)** and click **Next**.

The **Backup frequency** page appears asking you: 'How often do you want to back up?'

6. Choose either **Every day** or **Once a week**.

If you chose the once a week backup option, choose the **Day** also.

7. Click **Next.**

The **EasyScript backup strategy** window appears.

8. Choose a start time for your backups.

9. Click **Create.**

A window appears asking you: 'What do you want to name your backup set?'

10. Type in a memorable name, like System Backup, and click **New.**

The **Choose a Folder** window will now appear.

11. Select the drive you plan to back up to (your Maxtor OneTouch II drive) and click **Save.**

A window will appear: 'EasyScript has created and scheduled a script.'

At this point, you can click **Open Script** to view your script and make changes, or you can simply click **Done** to finish. You'll learn how to make basic changes to your script later in this chapter.

12. Click **Done.**

You now have a finished a script that will automatically backup your entire computer at the time and date you specified. All you have to do is leave your computer and your Maxtor OneTouch II drive on.

We highly recommend that you run your backup manually the first time to make sure that it backs up everything you need. You'll learn how to do this in the following section.

Doing Your First Backup

1. Open **Retrospect Express** (if not already open).

The **Retrospect Express Directory** window will open.

2. Click the **Run** drop-down menu at the top of the screen and select **EasyScript Backup.**

The **EasyScript Backup** window will appear.

2

3. Make sure **Execute now** is selected and click **Execute**.

Retrospect will now start scanning your system, the **Immediate Backup** window will open and the backup process will begin.

📄 The first backup may take some time depending on the number of files in your computer. Each subsequent backup will take less time. This is because Retrospect compares the files in your actual system to the backup version and only copies new files or files that have been modified since the last backup. For more information on backup strategies, see the Retrospect Express User's Guide.

When the backup is complete, the message: 'Execution completed successfully' should appear.

If your system backup was successful, you can quit Retrospect.

For OS 9: Go to the **File** menu and select **Quit**.

For OS X: Go to the **Retrospect Express** menu and select **Quit Retrospect Express.**

When you quit Retrospect, a window will appear: 'Script EasyScript Backup is next for automatic execution.' This is a reminder to make sure that the drive you plan to use for the next backup (your Maxtor OneTouch II drive) is connected to your computer and ready. If you are not sure, you can click the **Check Media** button to have Retrospect check for you.

Windows 2000 and XP

Step 1. Install the Software

📄 If you receive a message that you do not have sufficient privileges to complete the installation, you may not have the Administrative Privileges required to install the software.

To determine if you have these rights:

• Click the Windows **Start** button and choose **Control Panel**.

• Double click the **User Accounts** icon.

• If your account Logon is displayed at the bottom of this window with the description: **Computer Administrator**, you have the correct administrative privileges to install and run this software. If your system shows another type of account status, contact your IT/Systems Administrator for further assistance.

1. Turn on your computer.

2. Insert the Maxtor Installation CD into your CD-ROM drive. After a few seconds, the Maxtor Select Language screen will open.

> If, for some reason, the Maxtor screen does not appear:
>
> • Click the Windows **Start** button and then click **Run**.
>
> • Click **Browse** and find the drive named **Install CD**
>
> • Open **Install CD**, open **Launch** and click **OK**.

The Select Language screen will appear.

3. Select your **language**.

The Main Menu will appear next.

4. Select **Install Software.**

The Install Software screen will appear.

5. Select **Full Installation** or **Install Drivers**.
(Full Installation is recommended.)
It may take a few seconds for the next screen to appear.

> If a message appears asking you to restart, follow the
> on-screen directions to restart your computer. (Please do
> not eject the Installer CD.)

Once your computer restarts, you will see the next screen.

The **InstallShield** welcome screen will open.

6. Click **Next.**

The **License Agreement** screen will appear**.**

7. After reading the License Agreement, click **Yes**.

The **Customer Information** screen will appear.

8. Enter your **User Name** and **Company Name**.

If there are multiple users that log in to your computer, you can choose whether you want them to be able to use your Maxtor OneTouch II drive. The **all users** option is recommended.

Make your choice and click **Next.**

The **Choose Destination Location** screen will appear. In the **Destination Folder** section of the screen, you can see where the Maxtor software will be installed. If you wish to change this, click **Browse** and choose a new location.

9. When you are ready, click **Next.**

The **Select Program Folder** screen will appear.

You can see the name of the Maxtor program folder and where it will appear in the Windows Start menu. You can make changes to these settings, if you need to.

10. When you are ready, click **Next.**

The **Setup Status** window will appear briefly**,** then the **InstallShield Wizard Complete** window will appear.

2

2

11. Click **Finish**.

The Retrospect Express HD Installshield Wizard will appear automatically.

📄 You may see a message asking you to **Please Reboot** your computer. If so, select: 'Yes, I want to restart my computer now' and click **OK**.

📄 If you have chosen not to install Retrospect, eject the Install CD and go directly to the "Connect the Drive" section on page 21.

⚠️ If you have chosen to install Retrospect, please do not eject the Install CD and go to the next step.

12. Click **Next.**

📄 You may see a message that the Microsoft .NET software will be installed on your computer. If so, follow the onscreen instructions to complete the installation.

The Retrospect Express HD welcome screen will appear.

13. Click **Next.**

The License Agreement screen will appear.

14. After reading the agreement, select **"I accept.."** and click **Next.**

The **Customer Information** screen will appear.

15. Enter your **User Name** and **Organization**.

Make your choice and click **Next.**

16. Fill in your information and click **Next.**

The **Setup Type** screen will appear.

17. Choose the **Recommended** option to install all of the Retrospect Software (recommended). If you choose the **Custom** option, you will choose individual components and specify an install location before the installation begins.

📄 If you do not install Retrospect ExpressHD, you will not be able to use it with the OneTouch backup feature described later in this guide.

Make your choice and click **Next.**

The **Ready to Install** screen appears.

18. If you're ready to install the Retrospect software, click **Install**.

After the software is installed on your computer, the message "**InstallShield Wizard Completed**" will appear.

19. Click the **Finish** button.

📄 If a message appears asking you to restart, follow the on-screen directions to restart your computer.

The **Welcome to Maxtor OneTouch Setup** screen will appear and a **Maxtor OneTouch** shortcut icon will appear on your desktop.

20. Eject the Maxtor Install CD from your computer.

21. Proceed to the next section: Connect the Drive.

Step 2. Connect the Drive

The Maxtor OneTouch II drive connects to your computer using either a FireWire or USB interface. Make sure you know which interface is available on your drive and on your computer.

📄 Please Install the software **before** you connect the drive.

Connecting the Power

1. Plug the round female connector from the power adapter into the drive's power connector.

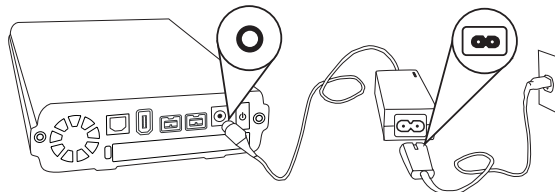**2.** Plug the two-pin female connector on the power cord into the power adapter.

Figure 3. Connecting the Power

3. Plug the standard electrical plug from the power adapter into your power source.

4. Turn on the drive using the power switch on the back of the drive. The two blue lights on the front should illuminate.

5. Determine whether you have USB or FireWire ports available on your computer. If you are connecting your drive with FireWire, proceed to "Connecting with the FireWire Cable" on page 24.

Connecting with the USB Cable

⚠️ Do not plug a USB cable into the drive when a FireWire cable is already connected to the drive. The drive only operates with one interface at a time.

To connect the USB cable

1. Plug the flat end of the USB cable into any available USB port on your computer. This USB logo ™ may help you identify a USB port.

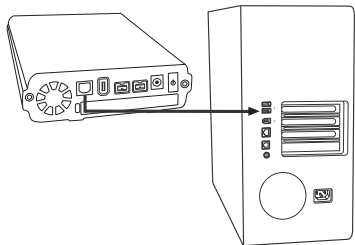2. Plug the square end of the USB cable into the USB connection on the drive.

Figure 4. Connecting a USB Port

⚠ It may take up to 2 minutes for your computer to recognize the drive, after connecting it to your computer.

A 'Found New Hardware' message will appear briefly at the bottom of the screen once your drive is recognized by your computer.

3. If the **Welcome to Maxtor OneTouch Setup** screen is still visible, click **Cancel** to close it.

📄 Your computer may require a restart to complete the hardware installation.

⚠ The Maxtor OneTouch II FireWire 800 drive is shipped with a Macintosh file system. The Windows XP and Windows 2000 operating systems use an NTFS file structure. **Your drive must be re-formatted for the NTFS file system** in order to work properly with your Windows operating system.

The **Format Drive** window will appear and you will have the opportunity to format your drive with the NTFS file system. This is necessary for Windows 2000 and XP users.

4. Click **Format**.

Your new drive will appear in the same way as your other drives, with a letter assigned to it by the operating system. The assigned letter will vary depending upon the number of other drives connected to your computer. Make a mental note of this drive letter.

If you did the Full Installation, including Retrospect Express HD, go to the next step.

If you did not install Retrospect Express HD, the installation is complete and your Maxtor OneTouch II drive is ready to use. See "Using Your Drive" on page 27 in chapter 3, for information about using your drive for common applications.

5. Push the button on the front of your drive.

The Retrospect registration screen will appear.

6. To register immediately, enter your information in the registration form provided and click **Register.**

If you do not wish to register now, click **Register Later.**

If you have already registered, click **Already Registered.**

⊟ In order to register, you must be connected to the internet.

By registering[1], you will have the option of receiving product updates, special offers, and important information about other data storage solutions from Maxtor.

Once you've made your selection, the **Retrospect** welcome screen will appear.

This screen displays the automatic backup settings for your computer. Retrospect Express HD will back up all the files on your computer to your Maxtor OneTouch II drive, every day at 10 PM.

7. If you would like to start your first backup immediately, click **Back up now**.

To close Retrospect Express HD, click the '**X**' located at the upper right corner of the window.

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1. Your registration information is collected and maintained according to the EMC and Maxtor privacy policies located on their respective web sites.

You can back up manually, at any time, by pressing the button on the front of your drive.

Your hardware and software installation is now complete. See "Using Your Drive" on page 27 in chapter 3, for information about using your drive and using Retrospect Express HD.

2

Connecting with the FireWire Cable

⚠ Do not plug a FireWire cable into the drive when a USB cable is already connected to the drive. The drive only operates with one interface at a time.

To connect the FireWire cable

1. Plug one end of the FireWire cable into any available FireWire port on your computer.

2. Plug the other end of the FireWire cable into an available FireWire port on the back of the drive.
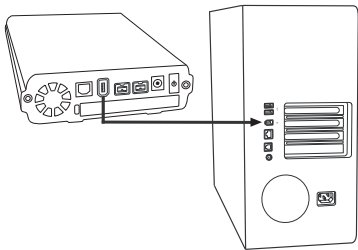
Figure 5. Connecting to a FireWire port

📄 A FireWire 800 adapter card is required for full FireWire 800 speed.

📄 It may take up to 2 minutes for your computer to recognize the drive, after connecting it to your computer.

A 'Found New Hardware' message will appear briefly at the bottom of the screen once your drive is recognized by your computer.

3. If the **Welcome to Maxtor OneTouch Setup** screen is still visible, click **Cancel** to close it.

📄 Your computer may require a restart to complete the hardware installation process.

⚠ The Maxtor OneTouch II FireWire 800 drive is shipped with a Macintosh file system. The Windows XP and Windows 2000 operating systems use an NTFS file system. **Your drive must be re-formatted for the NTFS file system** in order to work properly with your Windows operating system.

The **Format Drive** window will appear and you will have the opportunity to format your drive with the NTFS file system. This is necessary for Windows 2000 and XP users.

4. Click **Format**.

2

Your new drive will appear in the same way as your other drives, with a letter assigned to it by the operating system. The assigned letter will vary depending upon the number of other drives connected to your computer. Make a mental note of this drive letter.

If you did the Full Installation, including Retrospect Express HD, go to the next step.

If you did not install Retrospect Express HD, the installation is complete and your Maxtor OneTouch II drive is ready to use. See "Using Your Drive" on page 27 in chapter 3, for information about using your drive for common applications.

5. Push the button on the front of your drive.

The Retrospect registration screen will appear.

6. To register immediately, enter your information in the registration form provided and click **Register.**

If you do not wish to register now, click **Register Later.**

If you have already registered, click **Already Registered.**

In order to register, you must be connected to the internet.

By registering[1], you will have the option of receiving product updates, special offers, and important information about other data storage solutions from Maxtor.

Once you've made your selection, the **Retrospect** welcome screen will appear.

This screen displays the automatic backup settings for your computer. Retrospect Express HD will back up all the files on your computer to your Maxtor OneTouch II drive, every day at 10 PM.

7. If you would like to start your first backup immediately, click **Back up now**.

To close Retrospect Express HD, click the 'X' located at the upper right corner of the window.

You can back up manually, at any time, by pressing the button on the front of your drive and clicking **Back up now**.

Your hardware and software installation is now complete. See "Using Your Drive" on page 27 in chapter 3, for information about using your drive for common applications and using Retrospect Express HD.

2

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1. Your registration information is collected and maintained according to the EMC and Maxtor privacy policies located on their respective web sites.

Installing Drivers Only

This section describes how to install your new drive without installing Retrospect software.

Locate your operating system and the interface you plan to use in the following section and follow the corresponding installation procedure detailed.

Macintosh

No drivers are necessary. If you're using OS 9, connect your Maxtor OneTouch II drive as described in "Step 2. Connect the Drive" on page 14. If you're using OS X, connect your drive as described in "Step 2. Connect the Drive" on page 8.

Windows

Use the Custom Install feature on the Maxtor Install CD.

1. Insert the Install CD in your CD-ROM drive.

   Wait for the Maxtor screen to appear.

2. Select **Install Drivers** and follow the steps to on-screen steps to complete the installation.

Your drive is now ready to use.

To Install Retrospect at a Later Time

If you wish to install a complete copy of Retrospect software and the Maxtor OneTouch feature at a later time, you can do so by following the original installation instructions provided in "Installing Your Drive" on page 6 of this chapter.

3 Using Your Drive

Once installed, you can use your new Maxtor OneTouch II FireWire 800 drive in the same way you use the other drives on your computer. Some of the basic ways you can use your new drive are:

- Move or copy files or folders from your other drives, CD-ROMs, or other storage devices.

- Within virtually any application, save files to and open files from the new drive.

- Store video files, games, spreadsheets, and other commonly used files.

- Store copies of important files from your desktop or laptop computer.

For information on the Maxtor OneTouch Settings utility, including:

- Performance and power management features
- Security settings
- Diagnostic utilities
- Customizing the OneTouch button
- Using Retrospect Express to back up and restore your data

See "Restoring Your Complete System" on page 42, for more information.

Maxtor OneTouch II drive lights and their messages
The blue lights on the front of your drive provide useful information.

Message	Status
Both lights on	Power on/idle
Lights blink alternating every second	Active
One light off and one blinking	Standby mode

Table 1: Maxtor OneTouch II drive lights

Connecting and Disconnecting the Drive

The FireWire and USB interfaces allow you to *hot swap* your Maxtor OneTouch II drive; that is, connect and disconnect the drive while the computer and your drive are turned on.

To connect the drive to a Macintosh computer

1. Make sure the drive is turned on and that both blue lights are illuminated.

⚠️ Connecting your computer to a drive that is not powered on can cause your computer to behave erratically or freeze.

2. Plug the FireWire or USB cable into the drive and your computer.

After a moment, the computer will recognize that your drive is connected and the drive icon will appear on the desktop of your Macintosh.

To disconnect the drive from a Macintosh computer

1. From the desktop, drag the drive icon to the Trash.

    The drive will disappear from the desktop.
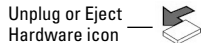
Disconnect your drive from the computer.

To connect the drive to a Windows computer

1. Make sure the drive is turned on and that both blue lights are illuminated.

2. Plug the FireWire or USB cable into the drive and your computer.

    After a moment, the computer will recognize that your drive is connected and the drive icon will appear in the My Computer window.

To disconnect the drive from a Windows computer

1. Double-click the Windows Unplug or Eject Hardware icon in your system icon tray located at the bottom right corner of your desktop.

    Unplug or Eject Hardware icon ——

    A list of device choices appears.

2. Select the Maxtor drive and follow the on-screen directions to eject the drive.

    The system will display a message saying that you can safely remove the drive.

3. Disconnect the drive from your computer.

Your system may not allow you to disconnect the drive. In this case, you may need to close all open applications and documents or shut down your system completely to disconnect the drive safely. Removing the drive from your computer without disconnecting it properly through the operating system can result in lost or damaged files.

Naming Your Maxtor OneTouch II Drive

Your new untitled drive appears in the same way as your other drives, with a new drive letter assigned by the operating system. The assigned letter will vary depending upon the number of other drives connected to your computer. Make a mental note of this drive letter. It∂s a good idea to name your new drive, so that is easy identify later when you use it for backing up your files.

To name your drive on a Macintosh computer:

1. On your desktop, click on the name of the new drive's icon. The text will be to highlighted.

2. Enter a name (for example "Maxtor") for your drive and press **Return**.

To name your drive on a Windows computer:

1. Open your **My Computer** icon (where your other drives appear.)

2. Right-click your new drive's icon and select **Properties**. The properties window will open.

3. In the Label section at the top of the window, enter a name for your drive. For example: 'Maxtor.'

Using Retrospect Express

Macintosh
Your Maxtor OneTouch II drive includes a full copy of the Dantz Retrospect Express software. It includes many powerful and convenient features. In addition to the Maxtor OneTouch feature, you can:

• Automatically make copies of your most important files.

• Make copies of your data onto other popular storage devices, including CD-R, DVD-R, and selected tape drives.

• Recover lost work easily – restore a single file or the contents of an entire drive in one easy step.

• Save time and minimize storage space needs.

If you installed your drive with the Maxtor OneTouch feature, the Retrospect Express software is already installed.

Here are some important guidelines:
• Only the current versions of your files are copied. The Maxtor OneTouch II drive does not keep backup copies made in earlier sessions.

• If you delete files from your source drive and then push the button, those same files will also be deleted from your Maxtor OneTouch II FireWire 800 drive.

• Any files that are currently open will not be copied to the Maxtor OneTouch II drive. Close any files you want copied before pressing the button.

Can I customize the Maxtor OneTouch Backup?
Yes. Using Retrospect Express, you can customize OneTouch backup in a variety of ways. The default type is a **duplicate** backup You can even customize how the duplicate replaces files on the destination drive.

If you modify the destination location for the Maxtor OneTouch script or another duplicate script in Retrospect Express, it will default to "replace the entire contents" of the selected drive or folder. This will erase all files on the destination drive's backup folder and will only copy the selected files from the source drive's folder.

3

It is strongly recommended that you:

- Select the option to "Replace Corresponding Files"

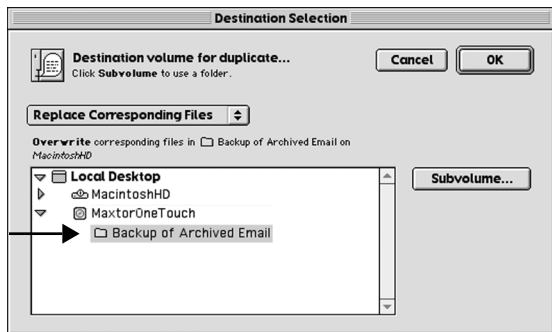- Define a folder on the destination drive dedicated to your duplicate backups.

Figure 1. Replace Corresponding Files

Archiving Files

Archive is another type of backup you can do with Retrospect Express. Note that using this function will permanently remove files from the source drive and place them on the destination drive.

If your destination drive is lost or damaged, you will have lost your only copy of these files.

Can I do other types of backup?

Yes. Using Retrospect Express, you can also create a script to back up multiple revisions of each file or to back up multiple drives or folders to a single backup set. This is the second type of backup you can create and customize. To access files contained in the backup set, use Retrospect Express.

More Information

To learn more about creating a backup script, go to: www.maxtorkb.com and enter "OneTouch" in the search function. Refer to the Express User's Guide for detailed information about creating custom scripts and backup sets.

Restoring Files

It is easy to restore files that have been backed up using the Maxtor OneTouch feature.

To restore files:

1. Select the drive containing the copy of your files.

2. Open the **Retrospect Backup** folder and then the folder that contains your backup copy.
   The folder is named 'Backup copy of *your_disk_name'*
   (Only the first 9 characters of this name will be used).

3. Drag the file or group of files you wish to restore to the desired folder as you would to move or copy any other file.

If you are not sure where the files you want to restore are located, use your operating system's Find command to search the drive containing the backup data.

Changing Your Maxtor OneTouch Backup Settings

1. Open **Retrospect Express**.

The **Retrospect Express Directory** window will open.

2. Click the **Automate** tab.

The **Scripted Retrospect operations** window will appear.

3. Click **Scripts**.

The **Scripts** window will appear.

4. Select the **Maxtor OneTouch** script.

5. Press the **Delete** key on your keyboard.

A window appears asking: 'Really forget Script?'

6. Click **OK**.

7. Quit Retrospect Express by going to the **File** menu and selecting **Quit**.

8. Push the button on the front of the drive.

The Maxtor OneTouch setup wizard will start.

9. Follow the steps, starting at step 2 in "Setting Up the Maxtor OneTouch Feature" on page 32.

Adding Maxtor OneTouch Advanced Features

You can further customize your Maxtor OneTouch script with advanced features from Retrospect Express. To learn more about these advanced features, use the **Express User's Guide** in the Retrospect Express Folder on your Macintosh. If is not installed on your computer, you can access it on the Maxtor installation CD.

Retrospect User's Guide

Use the **Express User's Guide** in the Retrospect Express folder on your Macintosh. If it is not installed on your computer, you can access it on the Maxtor installation CD.

Retrospect Express User's Guide on the CD:

1. Insert the Maxtor Installation CD into your CD-ROM drive.

The Install CD icon will appear on your desktop.

2. Double-click the CD icon to open it.

3. Open the folder appropriate for your language.

3

4. Drag the **Express User's Guide** onto your Macintosh's hard drive.

5. Double-click the **Express User's Guide** to open it.

📄 You will need Adobe Acrobat Reader installed to open the guide. If you do not have it, you can download and install it for free from Adobe's web site: www.adobe.com

Macintosh OS 9

Setting Up the Maxtor OneTouch Feature

You can set up the Maxtor OneTouch feature to automatically make a backup copy of your selected files each time you press the OneTouch button.

⚠️ Before you begin, make sure the Maxtor Install CD is **not** in your CD-ROM drive.

To set up the Maxtor OneTouch button feature

1. Push the button on the front of your drive.

If you have not already registered, a window will appear: **'Would you like to register Retrospect Express now?**

If you have already registered, skip to step **4.**

2. Choose either **Register Now**, **Register Later** or **Already Registered**.

If you choose **Register Now**, go to the next step.

If you chose **Register Later** or **Already Registered**, **Retrospect Express** will open. Go directly to Step 4 - Maxtor OneTouch Setup.

3. Enter the required information on the form.

• Click **Email** to register via email

• Click **Print** to register via mail

• Click **Register Later** if you do not want to register now.

📄 By registering[1] your new drive, you will have the option of receiving product updates, special offers, and important information about other data storage solutions from Maxtor.

4. Retrospect Express will open and the **Maxtor OneTouch Setup** screen will appear.

───────────────────────────

1. Your registration information is collected and maintained according to the EMC and Maxtor privacy policies located on their respective web sites.

    If you choose to e-mail the information, make sure you are connected to the Internet.

    If you choose to print the information, you can fax the form to EMC Dantz Corporation at +1 925 253 9099.

Click **Next**.
The **Step 1** Screen will appear.
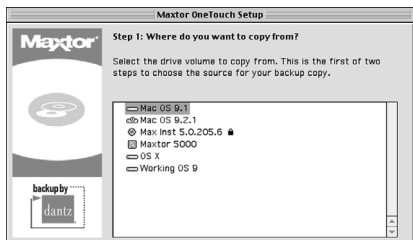
5. Select the drive to copy your files from and click **Next**.

   The **Step 2** screen will appear.

6. Choose the type of files to copy:

   Just Documents copies only documents you have created including your favorite files, bookmarks, and cookies. This selection is ideal for most users.

   Applications and Documents copies application files in addition to documents. This selection allows you to restore an application file if it has become damaged. Refer to the Retrospect User's Guide for instructions on how to make a complete system backup copy.

   📄 This selection does not copy your operating system files or Internet cache files.

   Make your choice and click **Next**.

7. The **Step 3** screen will appear. Select the Maxtor OneTouch II drive or another drive on your computer as the location to store the copy of your files. Click **Next**.

   📄 You cannot select the same drive to be both the source and destination for your files. The source and destination drives must be different.

   The "**Congratulations...now ready**" screen appears.

8. To complete the Maxtor OneTouch setup, click **Finish**.

9. Go to the **File** menu and choose **Quit** to exit Retrospect Express.

You are now ready to use the Maxtor OneTouch feature!

Each time you touch the button, Retrospect Express makes a copy of the folders and files on your source drive exactly as they exist at that time.

⚠️ The length of time for the backup process depends on the number of files on your computer.

The OneTouch button may not function when Retrospect Express is already running. To correct the problem, go to the **File** menu in Retrospect, and choose **Quit**.

> Only the current versions of your files are saved. Backup copies made with the default Maxtor OneTouch feature do not include earlier versions of files you have deleted since the last time you pressed the Maxtor OneTouch button.
>
> Any files that are currently open are not saved, so close any files you wish to be copied.
>
> You may customize Retrospect Express to create backup copies of your files which will include revisions made on a daily basis. See the Express User's Guide, included on the install CD.

Using Retrospect Express HD

Windows

Understanding Restore Points
The first step to backing your files is to create a restore point. A restore point is simply a snapshot of your files based on a specific date in time. It contains all the files and folders you select to back up, as they exist at the time that you back up.

A restore point can be anything from a few files and folders to every file on your computer. Each time you back up, Retrospect Express HD adds a new restore point to your backup drive; thereby preserving copies of backed-up files and folders from multiple points in time. If there is not enough free disk space to add a new restore point, Retrospect Express HD automatically deletes older restore points to make room for new ones.

You can restore individual files and folders from any restore point back to your computer. You can also restore your entire computer to its state at the time a restore point was created.

Once you set up a backup, you can start it at any time by pressing the button on your Maxtor OneTouch II FireWire 800 drive. You can also schedule backups to take place automatically on specific days of the week.

In the "Restoring your computer" section, later in this chapter, we will show you how to restore all the files on your computer in the event that your system is damaged or completely erased.

Opening Retrospect Express HD

You can open Retrospect Express HD from either the Start Menu:

- Start >Programs >Dantz >Retrospect Express HD

From the System Tray:

- Right-click the red Retrospect Express HD icon:
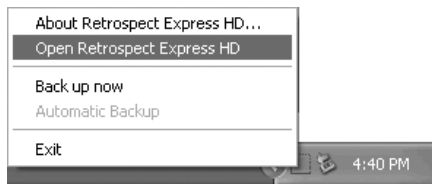
OR

Press the OneTouch button

Figure 12.

Running an Immediate Backup

Though comprehensive backups can be scheduled to run at pre-determined times, you can launch them at any time by doing one of the following:

- Press the OneTouch button - this will launch your backup immediately
- Right-Click on the Retrospect icon located in the System Tray and select **Back up now** from the pop-up menu.
- Open Retrospect Express HD and click **Back up now.**

Revising Your Backup Settings

1. Open Retrospect Express HD.

2. The Welcome Screen will appear. It should identify when the next scheduled backup is to take place. Click **Setup** to make changes to your backup.

3. Choose Comprehensive Backup and click **Next**.

4. Click **Next** at the Save Restore Points window

5. Change the days of the week or the starting time of your Backup and click **Finish.** You will then return to the main Retrospect Express window where your changes will be displayed and will go into effect at your next Backup.

Restoring From Your Backup

At times, your critical data may be corrupted. Fortunately, Retrospect Express HD provides you with the ability to restore your crucial files.

📄 If you need to restore your entire computer, see "Restoring Your Computer" on page 40.

1. Open Retrospect Express HD

The Welcome Screen will appear, with the next scheduled backup displayed.

2. Click **Restore**.

3. Select a restore point from which you wish to recover your data and click **Next**.

Retrospect Express HD will now scan your computer.

4. Place a check in each box containing data you wish to restore

5. Use the search field to find specific files

6. Click **Next**.

You will now be asked where you wish to restore your files to. You have two options:

- Their original location

- The following location

7. Make your choice and click **Restore**.

📄 Retrospect Express HD will then restore the files to your pre-selected location and provide you with the time that it will take to complete the restore. When finished, the Retrospect Express HD window will appear.

Understanding the Restore Points Window

The restore points window shows a calendar with the date in bold for the days that restore points were created. It will also list all the restore points in ascending order in a list box.

When you select a date on the calendar, the list of restore points will automatically scroll to show all those that are associated with that specific date. The latest backup on that date will be highlighted. The drive for the restore point will also be shown. A green icon will appear before the date if the backup was successful, a yellow icon if the backup succeeded with some non-fatal errors, and a red icon if the backup failed.

📄 If you manually cancel a backup, it is considered to be a fatal error.

If the restore point has a yellow or red icon, you can right-click the restore point to show the operation log, which will show you more information about the error.

Locking Restore Points

Retrospect Express HD's Grooming Technology manages your restore points by automatically adding the latest restore points and removing the oldest. However, there may be times that you do not want certain restore points removed from your system. In order to prevent restore points from being deleted, you must lock them.

1. Open Retrospect Express.

2. Click **Restore**.

3. Highlight a restore point that you wish to use to lock your data and click **Lock** located in the upper right corner of the restore point screen.

4. To unlock a restore point, simply repeat this procedure and the restore point will be unlocked when you click **Lock** again.

Viewing Restore Point Logs

There may be times that you want to see what may be causing problems with various restore points. You can accomplish this through viewing a restore point log.

1. Open Retrospect Express HD.

2. Click **Restore**.

3. Highlight a restore point that you wish to use to view and click on the **View Log** button located in the upper right corner of the restore point screen.

Deleting Restore Points

Retrospect Express HD provides you with the ability to manually delete restore points. To manually delete a restore to point.

1. Open Retrospect Express

2. Click **Restore**.

3. Highlight a restore point that you wish to remove and click on the delete button (the Red X) located in the upper right corner of the Restore.

📄 When a restore point is deleted, Retrospect Express HD will reclaim the disk space. This process can take a long time. Do not turn off your computer until the process is complete.

3

Creating Retrospect Express HD Duplicates

A duplicate saves the most recent version of files, in their original format, and overwrites the previous version. The following steps will show you how to create a duplicate.

📄 Please be aware of the following information when creating duplicates:

- You cannot use Retrospect Express HD's comprehensive backup and duplicate features at the same time.

- Duplicates are NOT automated nor can they be scheduled.

- You can only run a duplicate "On Demand"; this means that the only time a duplicate is opened is when you manually open it.

- A duplicate will always **overwrite** previous versions of files.

1. Launch Retrospect Express

2. Click **Setup**.

   The **Select the type of Backup** window will be displayed.

3. Click **Duplicate** and click **Next**.

   From the file duplication window, you can:

   - Choose specific files and folders

   - Choose files by type

4. Make your choice and click **Next.**

   You will then be prompted to select a disk where you wish to store your duplicate files.

5. Check the appropriate box associated with your Maxtor OneTouch II drive (or whichever drive you wish to back up to) and click **Finish**.

   The welcome screen will appear where your duplicate settings are displayed.

6. Click **Duplicate now** to start the first duplicate backup.

Restoring Files from a Duplicate

Restoring files from a duplicate is as simple as drag and drop.

1. Open **My Computer** and double-click on the drive letter associated with your Maxtor OneTouch II drive (or whichever drive you used to do your duplicate backup).
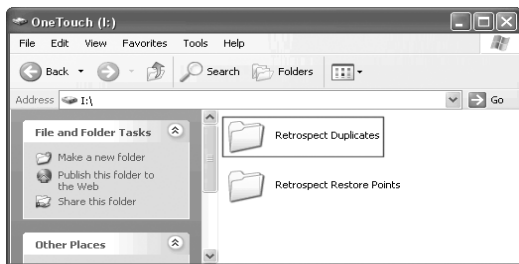

Figure 13. Retrospect Duplicates folder

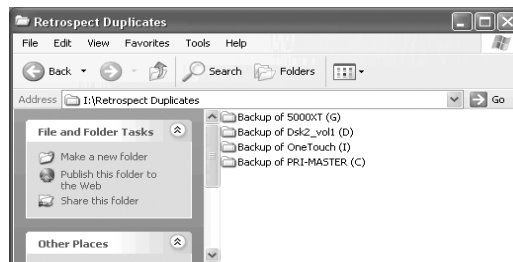2. Double-click on the Retrospect Duplicates folder

Figure 14. Duplicate Backup files

3. Select the folder which contains your files and copy your files back to your PC.

Restoring Your Computer

If disaster has struck and your system software is damaged or completely erased, this chapter provides you with step-by-step instructions on how to restore your system.[2]

These steps will be successful **only** if you have backed up your system using Retropsect.

What's contained in a full system restore?
• Your current operating system
• Your applications
• Your personal files
• Your computer's settings - including the registry (on Windows)

Before you begin. . .

Because of factors like processor type, motherboard, video display card and other hardware that is specific to your brand and model of computer, we urge you to **only** do a full system restore to the same computer. Restoring your operating system, its applications and settings to another computer with different hardware is not supported and may cause significant problems with that computer.

_____

2   The Maxtor OneTouch II drive, in combination with the included Dantz Retrospect Express software, supports a complete system restore capability (Operating System, drivers, applications, settings and user files) back to the original computer system (running the same operating system) that the backup copy was made from, when performed according to the steps described in this chapter. If you need to restore data to a different computer and / or a different operating system, this product will only support the restoration of user files and does not support under those circumstances restoration of the Operating System, drivers, applications or settings.

Basic Guidelines

For your system restore to be successful, we recommend that you restore your system only:

• To the same computer and same internal drive, or

• To the same computer and new internal drive

If you cannot restore to your original computer or an identical system, you can restore all of your personal files to a different computer. For more information, see **www.maxtorkb.com**.

Restoring Your Complete System

Macintosh OS 9
Before you begin, you must format your system hard drive and install your operating system. If you had multiple partitions on your hard drive(s), you must create and format the same number of disk partitions. These partitions must be of equal or greater size to what they were on your original system. For information on how to partition and format your system drive, see the Maxtor KnowledgeBase online at: **www.maxtorkb.com**.

Restoring your OS X system
For instructions on restoring your complete Macintosh OS X system, see the Quick Start poster included with your Maxtor OneTouch II drive.

Most Macintosh computers are setup at the factory with only one partition per hard drive. If you did not have multiple partitions on any of your hard drives, all you have to do is reformat your hard disk(s) and re-install your Macintosh operating system. For more information, see your Macintosh manual.

Do not partition or reformat the Maxtor OneTouch II drive that your system backup is stored on.

Once you get your system running, reinstall Retrospect Express using the Maxtor Install CD. See "Installing Your Drive" on page 6 in chapter 2.

To restore your system:

1. Prepare your hard drive. Partition, if necessary, and format.

2. Install your operating system.

3. Reinstall Maxtor OneTouch software including Retrospect Express. (For more information see page 7 in chapter 2.)

4. Open Retrospect Express.

    The **Retrospect Express Directory** window will open.

5. Click **Restore**.

    A window will appear asking you to 'Select the restore type'

6. Select **Restore an entire disk** and click **OK**.

    The 'Accessing more backup sets' window will appear asking you to open an existing catalog file or rebuild one.

7. Click **Open**.

    Find and select the system backup set on your Maxtor OneTouch II drive.

8. Click **Open**.

    Your system backup set should appear in the top part of the **Restore from Backup:Source** window. Make sure it is selected.

9. Click **OK**.

    The **Destination Selection** window will now appear, asking you to choose a 'Destination for restore.'

    Make sure **Restore Entire Disk** is selected. and select the drive that you want to restore your system to (your Macintosh hard drive where the system was originally installed).

10. Click **OK**.

    A window will appear asking you if you really want to restore to the drive you selected, replacing it's entire contents.

3

11. Click **Replace**.

Retrospect will scan your system (This may take a few minutes).

The **Restore from Backup** window will appear, to confirm the source (your Maxtor OneTouch II drive) and the destination (your Macintosh hard drive) for the restore.

12. Click **Restore**.

A window will appear asking you: 'Really Execute?'

13. Click **OK**.

(If the 'Really Execute?' window appears again, click **OK**.)

Retrospect will begin to restore your system.

This process may take several minutes.

When Retrospect Express finishes, you should see the message: 'Execution completed successfully.'

You can view the Log to make sure that all of your files were restored by going to the **Window** menu and selecting **Log**.

14. Quit Retrospect, by going to the **File** menu and selecting **Quit**.

15. **Restart** your Macintosh.

If the system restore was successful, you should find all of the files that you originally backed up.

Restoring Your Complete System

Windows

To restore your system:

1. Prepare your hard drive. Partition, if necessary, and format.

2. Install your operating system.

📄 The following service packs need to be applied:
Windows 2000: Service Pack 3 or later.
Windows XP: Service Pack 1 or later.
Microsoft Internet Explorer 5.01 or later is required for all windows operating systems.

3. Reinstall the Maxtor OneTouch software including Retrospect. (For more information see chapter 2.)

4. Open Retrospect Express HD.

5. Click **Restore**

The next window displays a calendar with a listing of all your restore points.

6. Select the date that contains the restore point you wish to restore from.

7. Click the restore point you wish to restore from.

8. Click **Next.**

You are now asked which files and folders you wish to restore.

9. Place a check next to My Computer to select your entire computer for restore.

10. Click **Next**.

You will now select where you want to restore your files.

11. Select **To Their original location on**: - to restore them to the exact location that they were initially copied from.

📄 All data will be lost on the current source location during this process.

12. Click **Restore**.

At this point, Retrospect Express HD will start restoring files to your system. A status bar will show the progress of the restoration. If needed, you can press **Stop** to end the restore process.

If your system restore was successful, you can exit Retrospect.

13. Click the red '**X**' in the upper right corner of the window.

14. Restart your computer.

📄 Your system may require more than one restart. Follow any additional on-screen instructions, if necessary, to complete your system restore.

Using the Maxtor OneTouch Settings

3

Your Maxtor OneTouch II FireWire 800 drive includes a utility that allows you to:

• Find out more information about your drive

• Customize your OneTouch button to open a different application or file

• Control power management settings for your drive

• Change performance settings

• Enable password security to restrict access to your Maxtor OneTouch II drive

• Run diagnostic tests to troubleshoot potential hardware problems with your OneTouch II drive

Macintosh

📄 The OneTouch Settings utility does not work with USB using OS 9.

Opening the OneTouch Settings utility

Go to the Applications folder on your Macintosh and open the **Maxtor OneTouch Settings**.

The **Maxtor OneTouch Settings** window will appear.

The features are grouped into four sections:

OneTouch Action: Where you can customize the OneTouch button.

DriveLock ™ **Data Security:** Where you can control access to your Maxtor OneTouch II drive.

Diagnostics: Where you can check the health of your drive.

Tuning: Where you can adjust the performance of your drive.

OneTouch Action

You can set the button on your Maxtor OneTouch II drive to open an application or file of your choice.

    1. Select your Maxtor OneTouch II Drive in the window

    2. Click **Select Action...**,

    3. Select the application or file.

    4. Click **Set Action**.

📄 If you did the Full Installation, including Retrospect, the button on your Maxtor OneTouch II drive is automatically set to start your backup whenever you press it. If you customize it, it will disable your OneTouch button backup settings. However, you can reset the button at any time by clicking **Revert Settings.** If you also have a Personal Storage 5000 drive, you can set its button to launch a different application.

DriveLock Data Security

You can set a password for your Maxtor OneTouch II drive. Every time your drive is on and connected to your computer, including when you start or restart your computer, or when you turn off your drive and turn it back on, you will need to enter your password or the answer to your secret question, which you setup when you create your password, in order to use your drive.

If you have forgotten your password, you can attempt to re-enter it or to recover it, by answering your secret question. You are allowed 5 attempts before you must turn off your drive and turn it back on, at which point you can try an additional 5 times.

📄 **If you are not able to recover your password, the only other way to unlock the drive is to erase all of its contents.**

3

Setting your Password

1. Click **DriveLock Data Security**
2. Enter and re-enter a **Password**

📄 Your password must contain at least six characters and one digit.

You may also choose a secret question (from the list provided) and type in the answer. If you do not want to choose a secret question and answer, go to step 5.

3. Choose a **Secret Question.**
4. Enter and re-enter an **answer** to the question.
5. Click **Set Password** or **Set Password and Q/A**, if you chose a secret question and answer.

Changing your Password

1. Click **DriveLock Data Security**.
2. Enter your current **Password.**
3. Enter and re-enter a new **Password**.

📄 You may also choose a secret question (from the list provided) and type in the answer. If you do not want to choose a secret question and answer, go to step 5.

4. Choose a **Secret Question.**
5. Enter and re-enter an **answer** to the question.
6. Click **Change Password.**

Disable Security

If you decide you want to disable the password you created, follow these steps:

1. Open the **Maxtor OneTouch Settings** utility and click **DriveLock Data Security** or click **Open Utility** from the Maxtor screen that asks you for your password.
2. Enter your **Password.**
3. Click **Disable Security**.

📄 The Default setting for the Security setting is disabled.

3

Erase Drive

If all attempts to recover your password fail and you need to erase your drive, follow these steps:

1. Click **DriveLock Data Security.**
2. Click **Password Unknown.**
3. Click **Erase Drive.**

The Authenticate window will open

4. Enter the **Name** and **Password** for your computer and click **OK**.

A window will appear, asking you to confirm "...that you intend to destroy all data on this drive."

5. Type the 5-digit number that you see on the left in the box on the right and click **Erase Drive**.

When the erase process is complete, a window will appear with the message that the disk has unreadable.

6. **For OS X**: click **Initialize...**

The Apple Disk Utility will open.

To format your drive in OS X, see "Macintosh OS X" on page 22 in chapter 2.

For OS 9: To format your drive in OS 9, see "Macintosh OS 9" on page 13 in chapter 2.

📄 Do not turn off your computer or your drive during the erase or formatting process.

Diagnostics and Tuning

Diagnostic Test

You can check the health of your drive and adjust its performance.

If you suspect there may be problems with your Maxtor OneTouch II drive, you can run the diagnostic test:

Click **Begin Test.**

If the test finds your drive to be defective, it will display a Return Material Authorization (RMA) diagnostic code you will use to return your drive for repairs under warranty.

Tuning

You can adjust the performance of your drive.

Tune for Maximum Performance: provides improved data throughput when data access patterns are random in nature.

Power Management Settings for OS X

1. Under the **Apple** menu, select **System Preferences**.

   The **System Preferences** window will open.

2. Click the **Energy Saver** icon (a light bulb).

   The **Energy Saver** panel will open, and the **Sleep** settings should be displayed.

3. Make sure the checkbox for 'Put the hard disk(s) to sleep when possible' is checked.

Power Management Settings for OS 9

1. Under the **Apple** menu, select **Control Panels**.

   The Control Panels folder will open.

2. Find and open the **Energy Saver** control panel.

   The **Energy Saver** window will open, and the **Sleep Setup** settings should be displayed.

3. Make sure the checkbox for 'Separate timing for hard disk sleep' is checked.

3

The slider at the bottom of the screen controls the time period of inactivity before the all system hard drives will go to sleep. It is possible to choose as short as 10 minutes and as long as 60 minutes. You can also set it to never go to sleep.

4. Select a time period using the slider in the bottom of the window.

5. Close the **Energy Saver** control panel.

Windows

Opening the OneTouch Settings utility

Double-click the **Maxtor OneTouch** shortcut icon on your desktop.

The Maxtor Main Menu will appear.

The features are grouped into 3 functional areas:

Setup & Restore: Where you set up and run your backups as well as restore files from a backup using Retrospect Express HD. For more information see "Using Retrospect Express HD" on page 34 earlier in this chapter.
Drive Management: Where you can view information about your drive, adjust power settings, customize the OneTouch button, run diagnostics, and adjust performance settings.

Security Settings: Where you can control access to your Maxtor OneTouch II drive.

Drive Management

Click **Drive Management**

The **Manage My Maxtor OneTouch II drive** screen will appear.

View Drive Information

This provides you with information about your drive including model number, serial number capacity, and more.

Adjust Power Settings

You can set your Maxtor OneTouch II drive to go to sleep (low power mode) after a period of inactivity. Simply select one of the time options from the drop-down menu and click Apply.

Customize OneTouch Button

You can set the button on your Maxtor OneTouch II drive to open an application or file of your choice. Click **Browse**, **double-click** the application or file, and click **Apply**.

📄 If you did the Full Installation, including Retrospect, the button on your Maxtor OneTouch II drive is automatically set to start a full system backup whenever you press it. If you customize it, it will disable your OneTouch button backup settings. However, you can reset the button at any time by clicking **Default**. If you also have a Personal Storage 5000 drive, you can set its button to launch a different application.

3

Run Diagnostics

You can check the health of your drive. If you suspect there may be problems with your Maxtor OneTouch II drive, click **Test** to run a diagnostic on your drive. If the test finds your drive to be defective, it will display an Return Material Authorization (RMA) code you will use to return your drive for repairs under warranty.

Adjust Performance

You can adjust the performance of your drive.

Highest Performance: provides improved data throughput when data access patterns are random in nature.

Security Settings

Click **Security Settings**

If you have not created a password, the **Set Password** screen will appear.

If you set a password for your Maxtor OneTouch II drive, every time your drive is on and connected to your computer, including when you start or restart your computer, or when you turn off your drive and turn it back on, you will need to enter your password in order to use your drive.

If you have forgotten your password, you can attempt to re-enter it or to recover it, by answering a question that you setup originally when you created your password. You are allowed 5 attempts before you must turn off your drive and

turn it back on, to try again at which point you can try an additional 5 times.

> **If you are not able to recover your password, the only other way to unlock the drive is to erase all of its contents.**

Setting your Password

1. Click **Security Settings**
2. Enter and re-enter a **Password**

> Your password must contain at least six characters and one digit.

You may also choose a secret question (from the list provided) and type in the answer. If you do not want to choose a secret question and answer, go to step 5.

3. Choose a **Secret Question.**
4. Enter and re-enter an **answer** to the question.
5. Click **Apply**.
6. Click **Confirm**.
7. Click **Close**.

Changing your Password

1. Click **Security Settings**.
2. Click Change Password.
3. Enter your current Password.
4. Click **Continue**.
5. Enter a new password following steps 2 - 6 in Setting your Password.

Disable Security

If you decide you want to disable the password you created, follow these steps:

   1. Click **Security Settings.**
   2. Click **Disable Security.**
   3. Enter your current **Password.**
   4. Click **Apply.**
   5. Click **Close.**

> The default setting for the security setting is disabled.

Erase Drive

If all attempts to recover your password fail and you need to erase your drive, follow these steps:

   1. Click **Security Settings.**
   2. Click **Erase Drive.**
   3. Click **Confirm.**
   4. Click **Yes.**

> The erase process may take up to two hours or more, depending on your operating system.

> Do not turn off your computer or your drive during the erase or formatting process.

   5. After the erase process is complete, turn off your drive and turn it back on.

The Format Drive window will appear.

   6. Click **Format**.

> The formatting process may take up to two hours or more, depending on your operating system.

Retrospect Express User's Guide

For Macintosh: Use the **Express User's Guide** in the Retrospect Express Folder on your Macintosh. If is not installed on your computer, you can access it on the Maxtor installation CD.

For Windows: Use the built-in help system in Retrospect Express HD by clicking the question mark icon at the top of the screen in Retrospect.

Macintosh version of the Retrospect User's Guide on the CD:

   1. Insert the Maxtor Installation CD into your CD-ROM drive.

   The Install CD icon will appear on your desktop.

   2. Double-click the CD icon to open it.

   3. Open the folder appropriate for your language.

   4. Drag the **Express User's Guide** onto your Macintosh's hard drive.

   5. Double-click the **Express User's Guide** to open it.

3

Note: You will need Adobe Acrobat Reader installed to open the guide. If you do not have it, you can download and install it for free from Adobe's web site: www.adobe.com

Installing Applications on Your Drive

You may install and run applications from your drive like any other drive on your system. If you connect the drive to your system using a USB 1.1 interface, the data transfer rate is approximately 1 MB per second. **Because of this, installing applications on a drive using the USB 1.1 interface is not recommended**. However, you can store the data for many applications and then access the data over a USB 1.1 interface.

Some Macintosh-based and most Windows-based applications installed on your drive will only run on the computer where the application was installed. If you move your drive to any other computer, the application may no longer function. Once the drive is reconnected to the computer where the application was originally installed, the application will function properly.

Editing Video

Using a computer to capture and edit video recorded with a digital camcorder is quickly becoming popular. Digital video files are typically very large, using about 13 GB per hour of video content. Maxtor recommends connecting your drive using the FireWire interface for best results when working with video.

Moving Data Between Two Systems

Your Maxtor OneTouch II drive provides a great tool for moving large amounts of data between two systems– whether they be Macintosh Computers, Windows PCs, or both. Certain considerations must be accounted for before proceeding. For more information, see the Maxtor online KnowledgeBase at: **www.maxtorkb.com**.

Playing Games

CD-ROM-based games typically run faster when they are on a hard drive rather than running them from the CD. You can use your Maxtor OneTouch II drive to store and play CD-ROM games.

Storing Audio

Using your computer as an audio jukebox is a very popular application. This allows you to store and play thousands of your favorite songs. You can also create and manage an audio library.

Using Security Lock

Your new drive includes a security locking slot on the back of the drive. The slot is compatible with most security locking cables.

Adding Rubber Feet to Your
Maxtor OneTouch II Drive

If you plan to use your drive on a desk surface, your kit includes four rubber feet to protect your drive and the surface of your desk.

To apply the feet:

1. Make sure your drive is disconnected properly from your computer. ("Connecting and Disconnecting the Drive" on page 27).

2. Make sure your drive is turned off, by turning off the power switch on the back of the drive.

3. Turn your drive so that the ridges are facing up. This is the bottom of the drive.

4. Place two rubber feet on each ridge on the bottom of your drive. One should be placed near the front and the other toward the back of each ridge.

Bottom of Drive
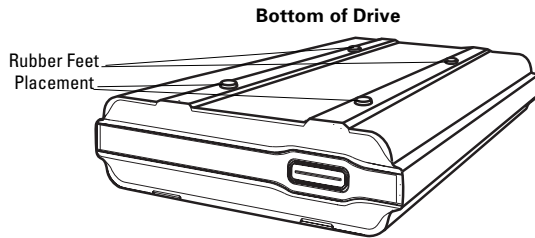
Figure 15. Adding Rubber Feet to Your Drive

4 Glossary

Backup – In Restropsect HD, a backup contains all the files and folders you selected to back up from a specific point in time. Previous backups are preserved, allowing you to store copies of your backup files from multiple points in time. See **Restore Point.**

Byte – A unit of storage on a drive that holds a single character. A byte is equal to 8 bits.

Capacity – The amount of information, measured in bytes, that can be stored on a drive. Also known as *storage capacity*.

Daisy chain – A hardware configuration in which peripheral devices are connected to each other in a series. The FireWire interface, for example, supports a daisy chain of up to 62 drives.

Data Transfer Rate – The speed at which data transfers to and from the drive.

Defrag – (or defragment) A software utility that keeps the data for each file physically contiguous on the drive, which can enhance your drive's performance.

Device Driver – A software program that enables a PC to communicate with peripheral devices such as hard drives and CD-ROM drives. Each type of device requires a different driver. Device driver programs are stored on a computer's hard drive and are loaded into memory when the computer is started or when a device is plugged into the computer.

Duplicate – In Retrospect Express HD, a duplicate saves the most recent version of files, in their original format, and overwrites the previous version.

External Hard Drive – A external peripheral device containing a hard drive mechanism connected to a computer via a FireWire or USB interface.

FireWire – The FireWire interface, also known as 1394 and i.LINK, is a high-performance, serial bus defined by the Institute of Electrical and Electronics Engineers (IEEE) as a standard for connecting digital devices together. It is ideal for connecting computers and hard drives to digital video and audio equipment.

GB – (Gigabyte) Equal to 1,000,000,000 (billion) bytes.

Hard Drive – An electromechanical device used for information storage and retrieval, incorporating one or more rotating disks on which data is recorded, stored, and read magnetically.

Hot-Swap – This feature allows you to connect and disconnect external devices while the computer and the devices are running. External drives, such as the Maxtor OneTouch II drive can be hot-swapped.

KB – (Kilobyte) Equal to 1,000 (thousand) bytes.

MB – (Megabyte) Equal to 1,000,000 (million) bytes.

Mb – (Megabit) When used to describe data storage, equal to one million bits.

Mbps – (Megabits per second) When used to described data transfer rates, it refers to one million bits per second.

NTFS – The primary file system for Windows 2000 and XP operating system that organizes files on your computer. Supports large capacity hard drives up to 2 TB.

Operating System – Software that allows the user and programs installed on your system to communicate with computer hardware such as a hard drive and processor.

Partition – A way to logically divide a hard drive so that an operating system treats each partition as if it were a separate hard drive. Each partition is assigned a unique drive letter in Windows or icon in the Mac OS.

Port – A connection or socket on the motherboard, controller card, case, or chassis for connecting peripheral devices, such as a USB socket or FireWire socket.

Restore Point – A snapshot of your files based on a specific date in time. It contains all the files and folders you select to backup, as they exist at the time that you back up.

Script – A saved backup procedure for Retrospect that you can schedule to run at some future date and time or on a repeating schedule, such as daily. You may create as many scripts as you wish.

Spin Down – Refers to the actual spinning of the disk mechanism. When a disk spins down, it stops spinning, thus conserving power.

TB – (Terabyte) Equal to 1,000,000,000,000 (trillion) bytes.

USB – Universal Serial Bus, a standard for connecting external devices to your computer.

Volume – A fixed amount of storage on a hard drive. The term volume is often used as a synonym for the drive itself, but it is possible for a single drive to contain more than one volume or for a volume to span more than one drive.

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Maxtor®