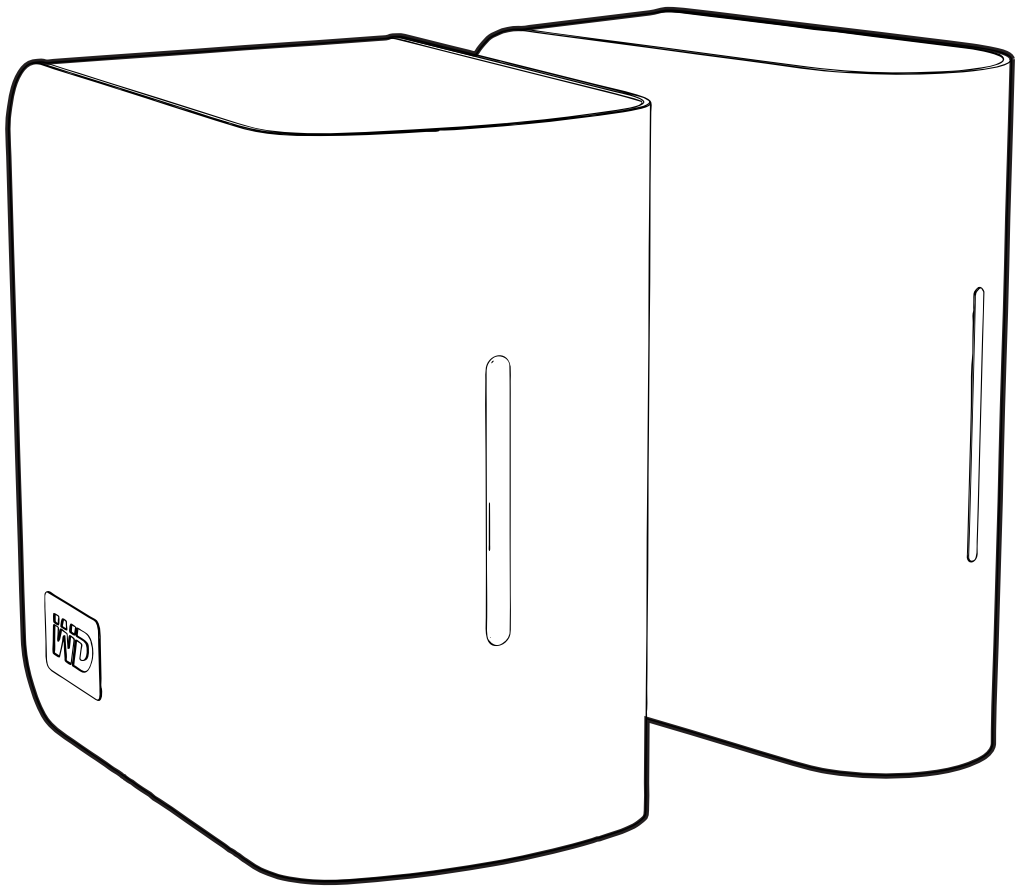
My Book®

World Edition™

User Manual



Western Digital®

Single and Dual-drive Network Storage Systems

Important Safety Instructions

1. Follow all warnings and instructions marked on the product.
2. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
3. Do not use this product near any liquids.
4. Do not place this product on an unstable surface. The product may fall, causing serious damage to the product.
5. Do not drop the product.
6. Do not block the slots and openings on the back or bottom side of the chassis; to ensure proper ventilation and reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered.
7. Operate this product only from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.
9. If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
10. Never push objects of any kind into this product through the chassis slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock.
11. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    a When the power cord or plug is damaged or frayed.
    b If liquid has been spilled on the product.
    c If the product has been exposed to rain or water.
    d If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment may result in damage and require extensive work by a qualified technician to restore the product to normal condition.
    e If the product has been dropped or the chassis has been damaged.
    f If the product exhibits a distinct change in performance, indicating a need for service.
12. In accordance with workstation regulation standards, do not place this device in the visual field of the user due to the glossy front of the case.

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WD Service and Support

Should you encounter any problem, please give us an opportunity to address it before returning this product. Most technical support questions can be answered through our knowledge base or e-mail support service at *support.wdc.com*. If the answer is not available or, if you prefer, please contact WD at the best telephone number shown below.

Your product includes 30 days of free telephone support during the warranty period. This 30-day period starts on the date of your first telephone contact with WD technical support. E-mail support is free for the entire warranty period and our extensive knowledge base is available 24/7. To help us keep you informed of new features and services, remember to register your product online at *https://www.wdc.com/register*.

Accessing Online Support

Visit our product support website at *support.wdc.com* and choose from these topics:

- **Downloads** - Download drivers, software, and updates for your WD product.
- **Registration** - Register your WD product to get the latest updates and special offers.
- **Warranty & RMA Services** - Get Warranty, Product Replacement (RMA), RMA Status, and Data Recovery Information.
- **Knowledge Base** - Search by keyword, phrase, or answer ID.
- **Installation** - Get online installation help for your WD product or software.

Contacting WD Technical Support

When contacting WD for support, have your WD product serial number, system hardware, and system software versions available.

North America		**Asia Pacific**	
English	800.ASK.4WDC (800.275.4932)	Australia	1 800 42 9861
		China	800 820 6682/+65 62430496
Spanish	800.832.4778	Hong Kong	+800 6008 6008
		India	1 800 11 9393 (MNTL)/1 800 200 5789 (Reliance) 011 26384700 (Pilot Line)
Europe (toll free)*	00800 ASK4 WDEU (00800 27549338)	Indonesia	+803 852 9439
		Japan	00 531 650442
		Korea	02 703 6550
Europe	+31 880062100	Malaysia	+800 6008 6008/1 800 88 1908/+65 62430496
Middle East	+31 880062100	Philippines	1 800 1441 0159
Africa	+31 880062100	Singapore	+800 6008 6008/+800 608 6008/+65 62430496
		Taiwan	+800 6008 6008/+65 62430496

** Toll free number available in the following countries: Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Netherlands, Norway, Spain, Sweden, Switzerland, United Kingdom.*

Registering Your WD Product

Your WD product includes 30 days of free technical support during the applicable warranty period for your product. The 30-day period commences on the date of your first telephone contact with WD technical support. Register online at *register.wdc.com*.

1 Overview

Introduction

Congratulations on your purchase of My Book® World Edition™, a high-speed network-attached storage system with a space-saving footprint. This system is equipped with one or two WD drives using WD GreenPower™ technology for efficient cooling and power saving. The high-speed interface delivers high performance for small offices or home users and is ideal for backing up and sharing files over the Internet.

This user manual provides step-by-step installation instructions and other important information regarding your WD product. Translated versions and updates to this user manual, can be downloaded from *http://products.wdc.com/updates*. For more information and news about this product visit our website at *www.westerndigital.com.*

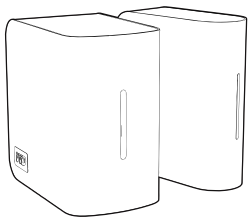
Drive Format

- My Book World Edition is a single-drive configuration.
- My Book World Edition II is a dual-drive system that is pre-configured to RAID 1 (Mirrored) mode for extra data protection. If one drive fails in RAID 1, the system still runs, and your data is preserved so you can replace the failed drive and restore the system. My Book World Edition II also supports RAID 0 (Striped) mode for maximum capacity and accelerated performance. For more information, including instructions on changing the RAID configuration for My Book World Edition II, see “Volumes and RAID Management” on page 124.

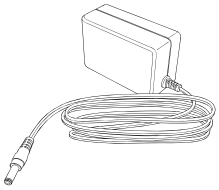
Specifications

Ethernet	High performance (10/100/1000) Gigabit Ethernet connection
Internal hard drive	WD 3.5-inch SATA hard drive
External USB storage file systems supported	NTFS, FAT, HFS+J
Supported protocols	HTTP, HTTPS, HFS+J, CIFS/SMB, NFS, FTP
I/O ports	▪ USB 2.0 port (for USB device expansion) ▪ Ethernet (RJ-45) port
Supported clients	▪ Windows XP® ▪ Windows Vista™ ▪ Windows® 7 ▪ Windows Server® 2003 (latest service packs required) ▪ Mac OS® X® Tiger® ▪ Mac OS® X Leopard® ▪ Mac OS®X Snow Leopard™
Physical dimensions	My Book World Edition ▪ Length: 6.5 in (165 mm) ▪ Width: 5.4 in (137 mm) ▪ Height: 2.1 in (54 mm) ▪ Weight: 2.6 lb (1.18 kg) My Book World Edition II ▪ Length: 6.5 in (165 mm) ▪ Width: 6.0 in (152 mm) ▪ Height: 3.8 in (97 mm) ▪ Weight: 5.5 lb (2.5 kg)
Power specifications	▪ Input voltage: 100V to 240V AC ▪ Input frequency: 50 to 60 Hz ▪ Output voltage: 12V DC, 3A
Environmental	▪ Operating temperature: 5 to 35 °C (41 to 95 °F) ▪ Non-operating temperature: -20 to 65°C (-4 to 149 °F)

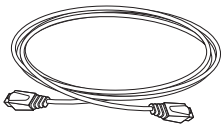
Kit Contents



My Book World Edition



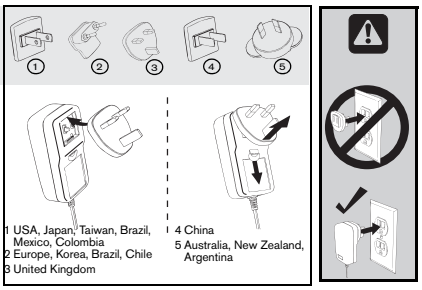
AC adapter*



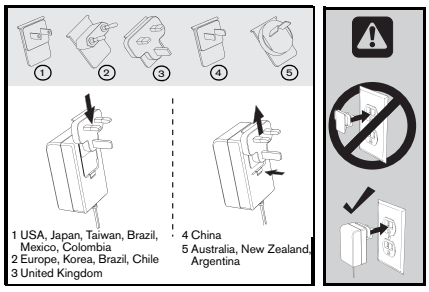
Ethernet cable

Installation CD with application software and user manual

Quick Install Guide



or



*Global AC adapter configurations

Accessories

Visit *shopwd.com* (U.S. only) to view additional accessories like cables, power supplies, additional hard drives, and drive mounting rails for this product. Outside the U.S., visit *support.wdc.com*.

System Requirements

Note: For optimum performance, the following system and network requirements are recommended. Compatibility may vary depending on the user's hardware configuration and operating system.

Important: For highest performance and reliability, it is recommended that you install the latest updates and service pack (SP). For Mac OS X, go to the **Apple** menu and select **Software Update**. For Windows, go to the **Start** menu and select **Windows Update**.

Client Computer

- Ethernet connection (network adapter)
- Operating system
  - Windows 2003 Active Directory Service/Windows XP/Windows Vista/Windows 7
  - Mac OS X Tiger, Leopard, or Snow Leopard
- Web browser (Internet Explorer 6.0 SP1 and later on Windows platforms supported by this product; Safari 2.0 and later on Mac platforms supported by this product; Firefox 2.0 and later on supported Windows and Mac platforms)
- Adobe Flash ActiveX 9 or higher (required for WD Discovery™)

Local Network

- Router/switch (Gigabit required to maximize performance)

Wide Area Network

- Broadband Internet connection required for remote access using MioNet

Pre-Installation

Before unpacking and installing the system, select a suitable site for the system for maximum efficiency. Place the device in a site that is:

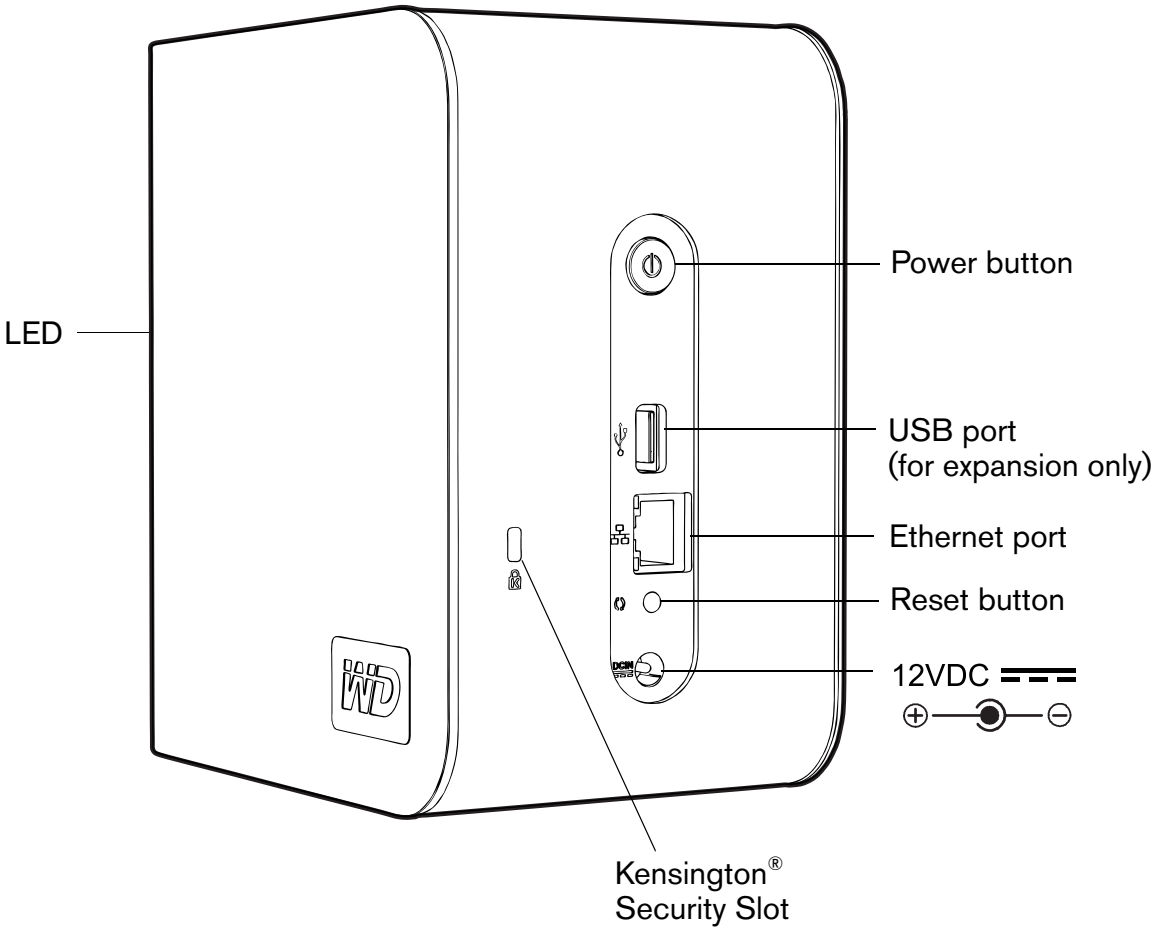
- Near a grounded power outlet
- Clean and dust free
- On a stable surface free from vibration
- Well-ventilated and away from sources of heat
- Secluded from electromagnetic fields from electrical devices such as air conditioners, radio, TV transmitters.

Recording Your WD Product Information

In the following table, write the serial number and model number of your new WD product found on the label on the bottom of the device. Also, write the purchase date and other notes such as your operating system and version. This information is necessary for setup and technical support.

Serial Number:
Model Number:
Purchase Date:
System and Software Notes:

System View



Ports

Component	Icon	Description
USB port		Connects to a USB hard drive for additional storage. *Note*: This port makes it possible to copy files from a USB hard drive to the device and vice-versa using the Copy Manager feature. See “Connecting and Managing a USB Hard Drive” on page 163 for detailed instructions.
Ethernet port		Connects the device to a local network.
Reset button		Press to restore the admin user name and password for the device.
Power port		Connects the device to an AC adapter and the power outlet.

Reset Button

The reset button restores configuration settings such as the network mode/IP address and admin name and password to default factory settings without erasing shared folders and volumes. For more information on how to reset the system, see “Resetting the My Book World Edition” on page 173.

Power Button

Important: The device powers on automatically upon initial connection to power, which may take up to three minutes. During this time, do not press the power button. After the initial setup, you need to use the power button to turn the unit on and off.

The power button turns the device on or off. To turn on the device, press the power button and hold it down until the bottom LED illuminates, and then release. Holding the button down for four seconds powers off the device.

When power is applied to the unit by plugging in the external power supply connected to the DC plug connector, the unit automatically powers up. This ensures the unit will automatically restart after a power failure.

If you power down a My Book World Edition by pressing the power button, and disconnect and then reconnect the power plug, the unit powers up for about 30 seconds and then powers itself down. This ensures that the unit will not turn on accidently and remain on if there is a power failure. You need to press the power button to turn the unit on.

Kensington Security Slot

For drive security, the device is equipped with a security slot, which supports a standard Kensington security cable. For more information on the Kensington security slot and available products, visit *www.kensington.com*.

LED Indicators (Lights)

The Power/Activity and Capacity Gauge indicators are represented by a single bar of six LEDs (lights) on the front panel of the drive.

Power/Activity LED Behavior

Power On Sequence

Appearance	Drive State
Bottom LED dimmed	Powering up
LEDs light up in sequence from bottom to top	Transitioning to drive ready

Normal Operation

Appearance	Drive State
Capacity Gauge, steady illumination (see below)	Power-on state, ready for use
Moving up and down	Drive in use
Slow flashing (every four seconds)	System standby

Capacity Gauge

When the device is turned on, the Capacity Gauge indicates space used on the drive by fully illuminating six sections in an upward vertical direction. Each section represents approximately 17 percent of drive capacity. Because this drive is preformatted, the first section is illuminated upon installation.

Power Down Sequence

Appearance	Drive State
Dimming up/dimming down in an odd/even alternating pattern	Drive powering down

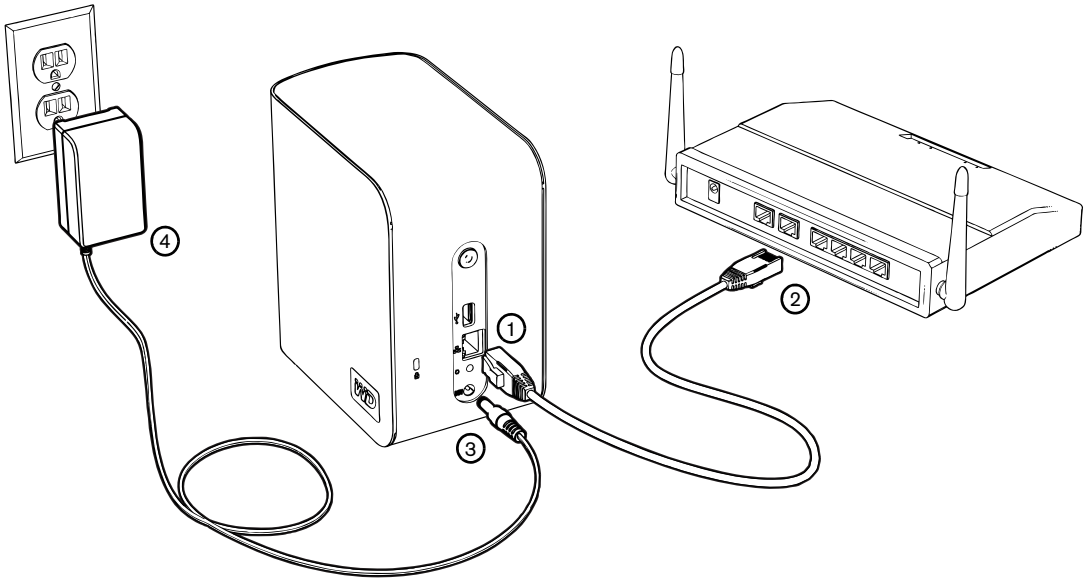
Device Events

Appearance	Drive State
Bottom LED dimmed, top LED flashing	Boot unsuccessful
Fast flashing (every half second)	My Book system event, action required (see “System Events” on page 177)
Continuous “center out” sweep pattern	Unit failure

2 My Book World Edition Basic Setup

Step 1: Connect My Book World Edition to the Network

Follow the steps below to connect the My Book World Edition to a small home/office network.



1. Connect one end of the Ethernet cable into the Ethernet port located on the back of the device.
2. Connect the other end of the Ethernet cable directly into a router or network switch port.

   Note: For faster initial loading of your content, connect the cable directly to the network port of your computer. See page 176 for more information.

3. Connect the end of the adapter into the DC power supply socket located on the back of the device.
4. Plug the AC adapter into a power outlet. The unit powers up automatically.

   Important: Wait for the My Book World Edition to finish powering up (approximately three minutes) before configuring the device. During this time, do not press the power button. The bottom LED on the front of the My Book device fully illuminates.

   To power down the device, press and hold down the power button down for at least four seconds.

Step 2: Access My Book World Edition on the Network

You can easily find your My Book World Edition on the local area network (LAN). Follow the appropriate procedure below:

Windows:

- "Using WD Discovery with Windows XP/Windows Vista/Windows 7" on page 12.
- "Using Windows Vista/Windows 7" on page 15.

Mac OS X:

- "Using Mac OS X Leopard/Snow Leopard" on page 19
- "Using Mac OS X Tiger" on page 20

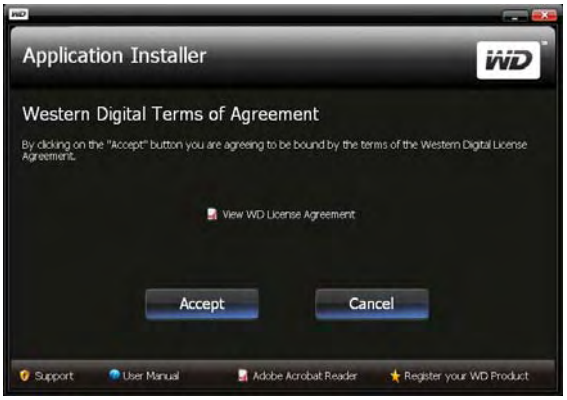
Using WD Discovery with Windows XP/Windows Vista/Windows 7

Note: The WD Discovery application on the included CD should be installed on every PC connected to the LAN from which you intend to access your My Book World Edition.

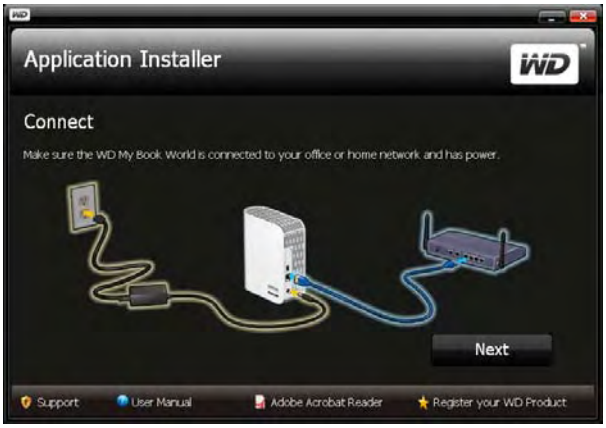
1. Turn on your computer and wait for the operating system to load.
2. Insert the product CD into the CD or DVD ROM drive.

   Note: If AutoPlay is disabled on your computer, you must install the utilities manually. Click **Start** and then (**My) Computer**. Right-click the CD/DVD drive, click **Open**, and double-click **Setup.exe**.

3. *Windows Vista/Windows 7:* Click **Run setup.exe**, and then click **Allow**.
4. Click **Accept** in the Terms of Agreement screen.



5. If you have connected the My Book device properly as shown in the Connect screen, click the **Next** button.



6. The Application Installer screen opens, displaying a list of options. Click **WD Discovery Tool**. Once the WD Discovery Tool installation is complete, it automatically launches and the WD Discovery icon displays on your desktop.

7. Click **MyBookWorld** and click **Map Network Drive** in the **Things to Do** list.

A message appears asking whether you want to map the drive automatically.

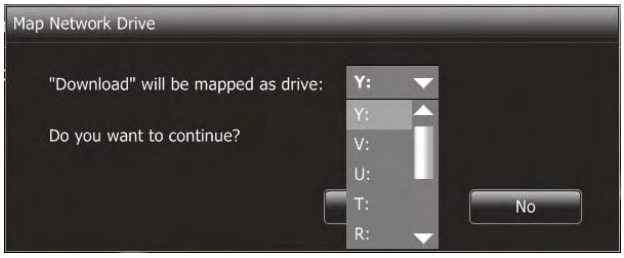
8. You have two options. Complete step (a) or step (b).

(a) To map the drive automatically, click **Yes**.

All share folders available on the device are mapped as network drives automatically. Available drive letters are assigned backwards from Z.

When mapping completes, the share folders appear as network drives in the WD Discovery screen. Click **Back** to return to the main page.

(b) To map the drive manually, click **No**. All share folders on the device are listed on-screen. Select a folder name, and then select a drive letter. Click **Yes** to complete drive letter assignment.



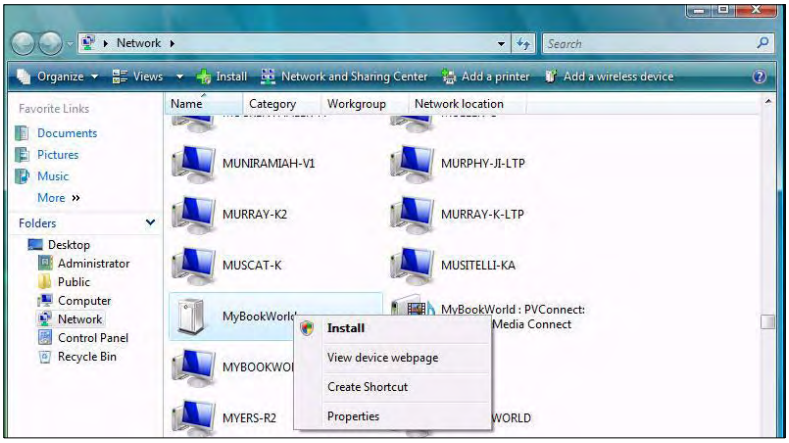
Note: Once a unit is mapped to a network drive, automatically or manually, it keeps the same drive letter.

9. Close the WD Discovery Tool.
10. Click **Start** and then (**My) Computer**. The network drives display. You can now drag and drop files into the network drive folders using (**My) Computer** or Windows Explorer.

Using Windows Vista/Windows 7

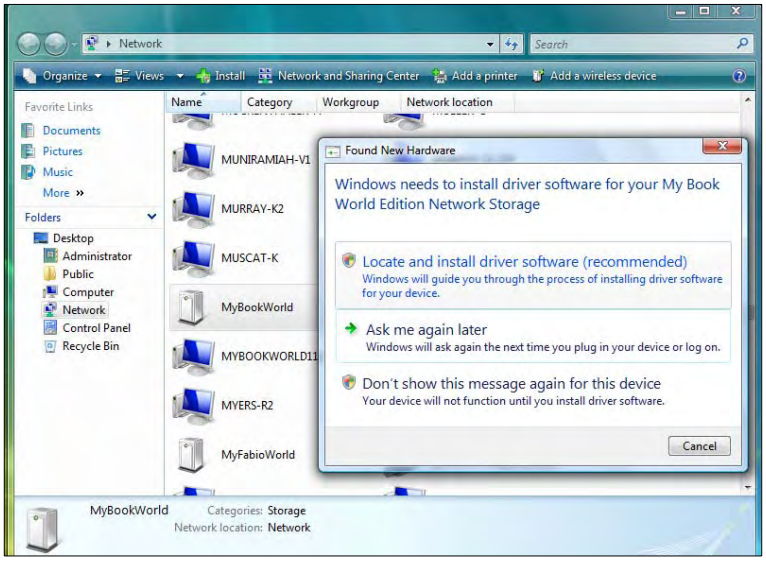
Windows Vista and Windows 7 offer an alternative to WD Discovery for easy setup and mapping of the unit.

1. For Windows Vista/Windows 7, click **Start>Computer>Network**.
2. Right-click **MyBookWorld** in the Network and Sharing center and select **Install** from the drop-down menu.

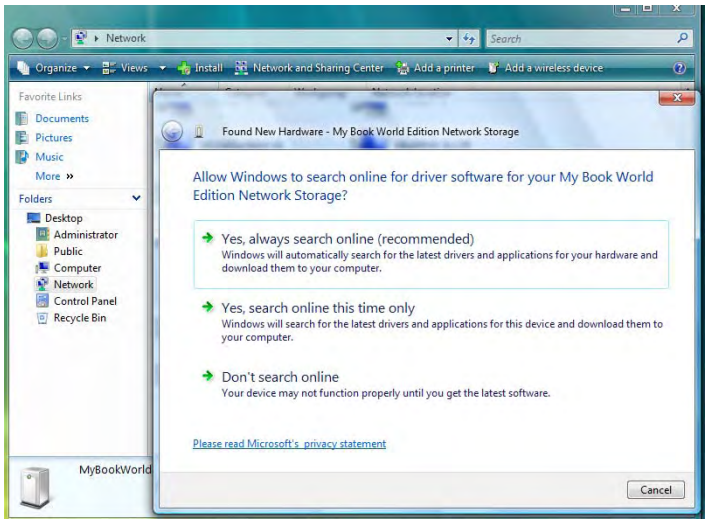


The Found New Hardware screen displays.

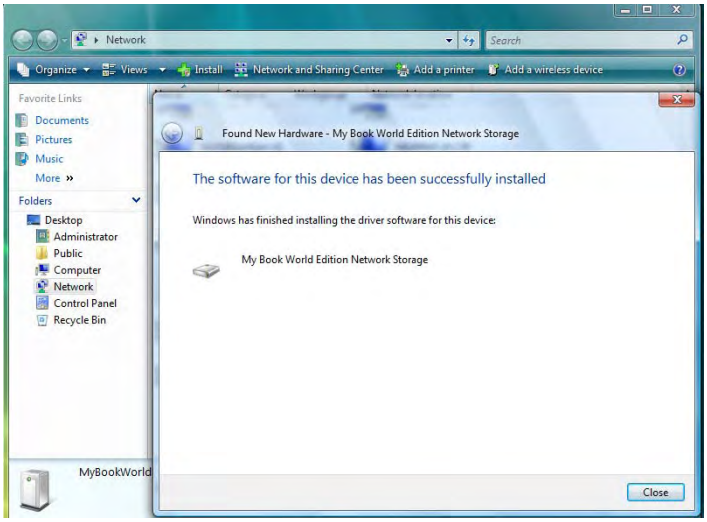
3. Click **Locate and install driver software (recommended)**.



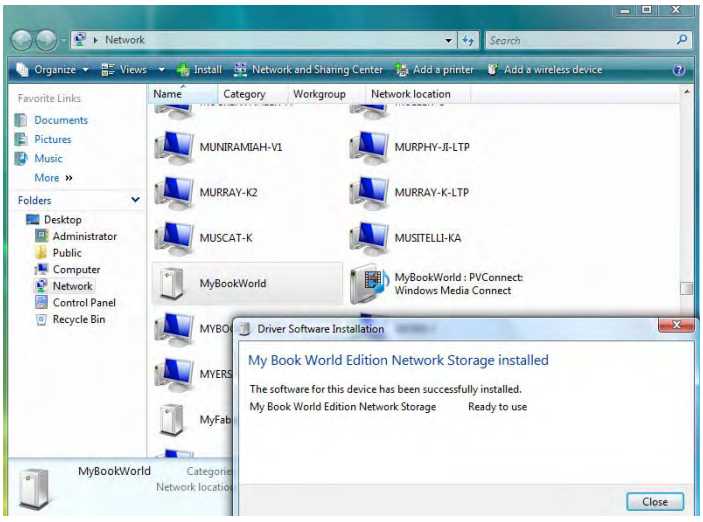
4. Click **Yes, always search online (recommended)**.



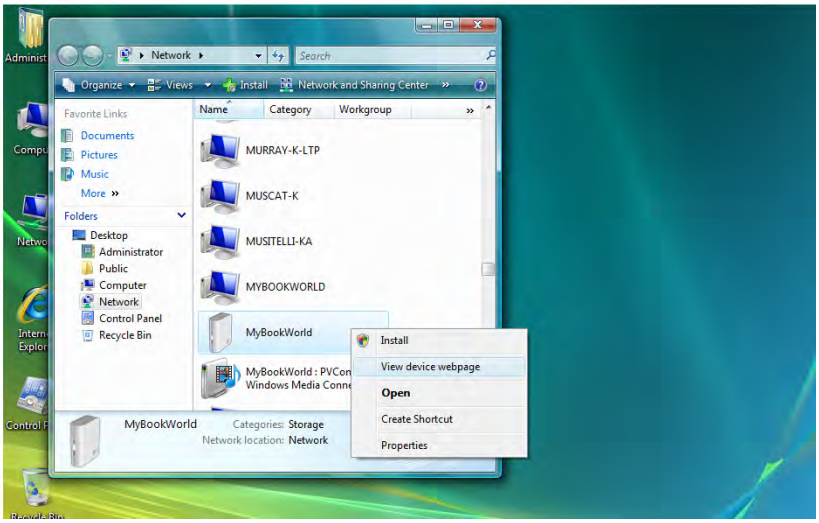
Windows starts searching for the driver. Depending on your system setup, it may take a minute or so to locate the driver.



5. When installation is complete, a confirmation message displays. Click **Close**.

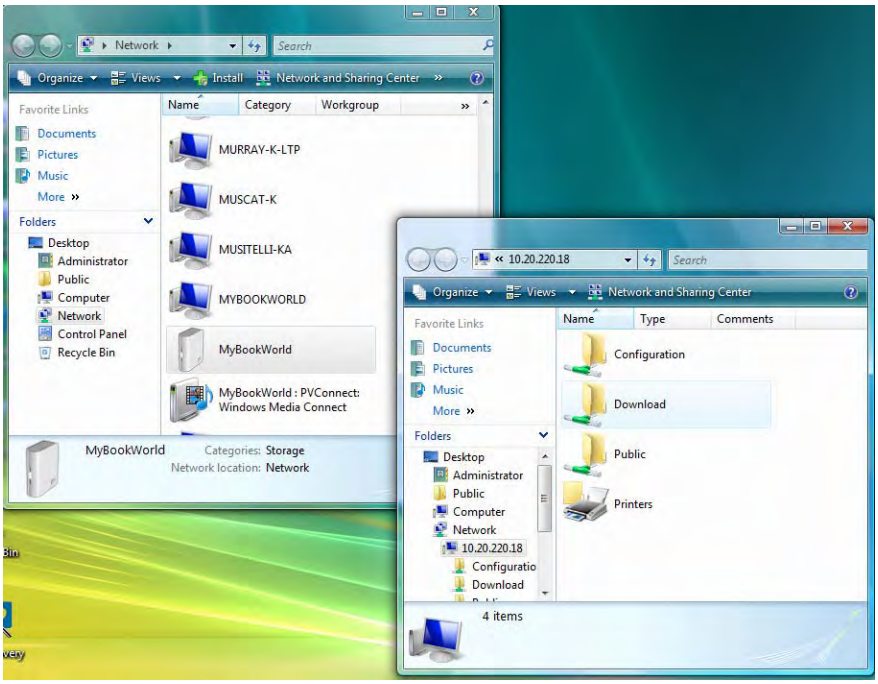


A My Book World Edition icon displays next to MyBookWorld, and an **Open** option displays in the drop-down menu.



To open the My Book World Edition shares:

1. Right-click **MyBookWorld** and select **Open** from the drop-down menu. The Public, Configuration, and Download shares (default shares) display.



2. View the contents or close the screen as desired.

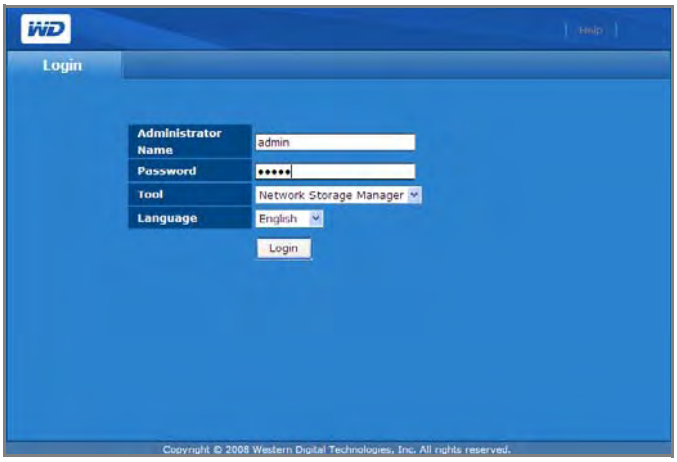
To create a desktop shortcut to the My Book World Edition:

Right-click **MyBookWorld** and select **Create Shortcut** from the drop-down menu.

To view the My Book World Edition web page:

Right-click **MyBookWorld** and select **View device webpage** from the drop-down menu. The login page appears.

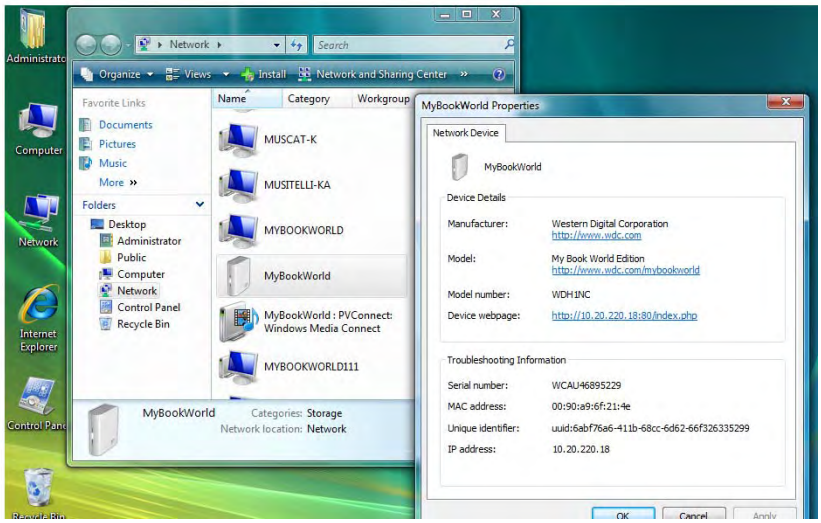
Note: (See "Accessing My Book World Edition's Network Storage Manager" on page 86 for information on logging in.)



To view the properties of the My Book World Edition:

1. Right-click **MyBookWorld** and select **Properties** from the drop-down menu.

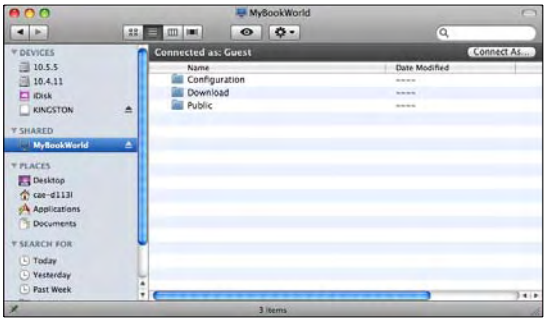
   The MyBookWorld Properties screen displays.



2. Click **OK** to close the screen.

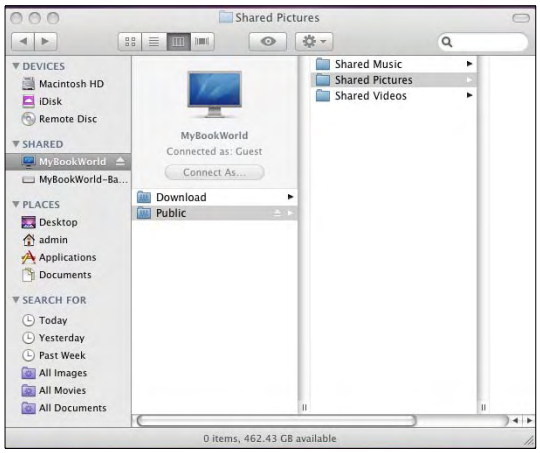
Using Mac OS X Leopard/Snow Leopard

1. Turn on your computer and wait for the operating system to load.
2. Open Finder.
3. In Finder, click **MyBookWorld** in the **Shared** list (if necessary, click **All** and then double-click **MyBookWorld**).



Note: Configuration is a read-only share containing only a Help file and the login page.

4. Double-click the **Public** share.



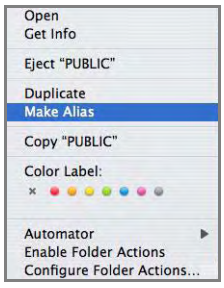
The share may appear as a shared drive icon on the desktop depending on your preferences. You can now drag and drop files into the network drive folders using Finder.

5. If you want to make the shared drive icon permanent on the desktop, create an alias. Following are two ways to do that:

Note: Before creating an alias, click **Finder>Preferences** and make sure **Connected Servers** is checked.

- Click the item you wish to alias and hold down the mouse button. Hold down the **Cmd** and **Option** keys simultaneously and drag the item to where you want the alias to appear. Instead of moving the original item, this creates an alias at the new location.

- Double-click the item you want to alias (e.g., the Public share icon), and then click **File>Make Alias**.



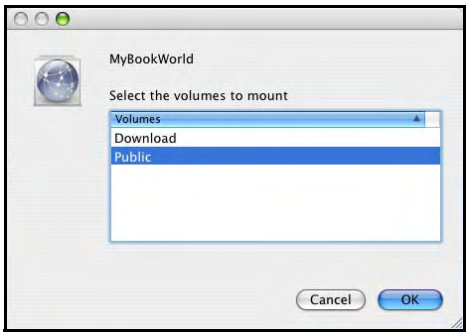
The Public share icon displays on your desktop.

Using Mac OS X Tiger

1. Turn on your computer and wait for the operating system to load.
2. Open Finder, and double-click the Mybookworld icon.

3. Type "admin" in both the **Name** and **Password** fields, and then click **Connect**.

4. Make sure that **Public** is highlighted in the **Select the volumes to mount** list, and then click **OK**.

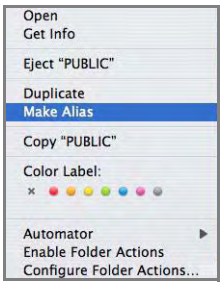


5. Double-click the Public icon that is now on your desktop to display three shared subfolders. You can now drag and drop files into the shared folders using Finder.

6. If you want to make the shared drive icon permanent on the desktop, create an alias. Following are two ways to create to do that:

Note: Before creating an alias, click **Finder>Preferences** and make sure **Connected Servers** is checked.

- Click the item you wish to alias and hold down the mouse button. Hold down the **Cmd** and **Option** keys simultaneously and drag the item to where you want the alias to appear. Instead of moving the original item, this creates an alias at the new location.
- Double-click the item you want to alias (e.g., the Public share icon), and then click **File>Make Alias**.



The Public share icon displays on your desktop.

Congratulations!

Your My Book World Edition is now ready for use and is accessible as a drive letter in My Computer (Windows) or a shared drive icon on the desktop (Mac OS X). You can now drag and drop files into your My Book device and move files from My Book to any computer in your network that has been set up according to the instructions above.

This user manual contains information and instructions for all other basic and advanced My Book device management functions, including:

- Backing up your computer (see "Backing Up Computers on the Network" on page 23)
- Accessing My Book from a remote computer (see "MioNet® Remote Access" on page 54)
- Playing and streaming media (see "How to Play/Stream Video, Music & Photos" on page 64)
- Using iTunes®service (see "Using iTunes with My Book World Edition" on page 73)
- Connecting a USB drive for additional storage and file exchange (see "Using WD Discovery (Windows only)" on page 75 and "Click the Submit button to apply the changes." on page 162)
- Configuring the My Book device and network settings, set e-mail or window alerts, change the administrator password, perform firmware upgrades, restore system to factory defaults, configure RAID (My Book World Edition II only), manage file share preferences, set the backup destination folder, set disk quotas, set a share folder for users, add, modify, and delete users and groups, and change all user and group permissions (read/write, read only, no access) to shares/folders and USB storage devices (see "Network Storage Manager: Basics" on page 81)

3 Backing Up Computers on the Network

WD Anywhere Backup Overview

WD Anywhere Backup software is a quick, easy and secure way to back up all the computers in your network. Your My World Book Edition CD comes with five licenses for WD Anywhere Backup—each one enabling you to activate a single PC or Mac for continuous backup. Select the files you want to back up, and then set the My Book World Edition and forget it; every time you make a change in your files, it's automatically backed up.

Important Installation Notes

- **Install on Each Computer:** You must use the Installation CD to install WD Anywhere Backup on each computer in your network.
- **Connect to the LAN and Power On First:** You must have your My World Book Edition connected to your local area network and powered on before you install WD Anywhere Backup software. This ensures that the WD Anywhere Backup recognizes your My World Book Edition and installs as the full software version instead of the 30 Day trial version.
- **Laptop Users:** When you are travelling, your laptop files are not being backed up. Your files be backed up automatically upon reconnection with your home network.

Windows

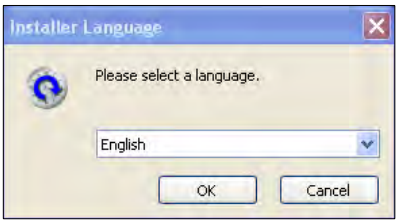
1. Turn on your computer and wait for the operating system to load.
2. Insert the software CD into the CD-ROM drive.

   Note: If AutoPlay is disabled on your computer, you must install the utilities manually. Click **Start** and then **Computer** (Windows Vista/Windows 7) or **My Computer** (Windows XP). Right-click the CD/DVD drive, click **Open**, and double-click **Setup.exe**.

3. Windows Vista/Windows 7: Click **Run setup.exe** and then click **Allow**.
4. Click **Accept** in the Terms of Agreement screen.
5. If you have connected the device properly as shown in the Connect screen, click the **Next** button.
6. Click **WD Anywhere Backup**.

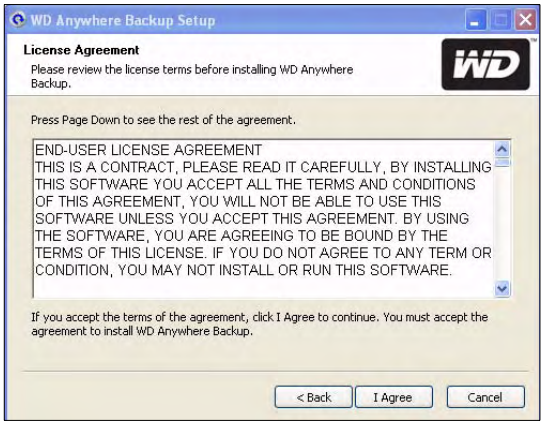
   Note: It may take a minute or two for the next screen to display.

7. Select your preferred language from the list and click **OK**.



8. Close all other open applications, and then click the **Next** button to continue.

9. If you accept the terms of the agreement, click **I Agree** to continue.



10. After WD Anywhere Backup has finished installing, click **Finish** to begin using WD Anywhere Backup.

The WD Anywhere Backup Configuration screen displays. Continue with “Configuring WD Anywhere Backup” on page 26.

Note: The **WD Anywhere Backup** icon now displays on your desktop, and WD Anywhere Backup is listed in Program Files.

Mac OS X

1. Turn on your computer and wait for the operating system to load.
2. Insert the software CD into the CD-ROM drive.
3. Double-click the My Book World Edition CD icon that mounts to the desktop.
4. Open the WD_Mac_Tools folder and double-click WDAnywhereBackup.dmg.
5. Continue with “Configuring WD Anywhere Backup” on page 26.

Configuring WD Anywhere Backup

After starting WD Anywhere Backup as described in the previous chapter, you can back up your data using several methods.

One-Click Backup

WD Anywhere Backup allows you to back up all your important data, such as documents, photos, music and videos, on your computer's hard drive with the click of a button. This feature backs up your data to the My Book World Edition so you can restore your data in the event that your computer's hard drive crashes.

The first time you install WD Anywhere Backup, the WD Anywhere Backup Configuration screen appears.

Note: The screen below only appears when you have My Book World Edition attached to your computer's local area network.

This screen offers two options:

Automatic Backup (Begin Backup Button)

The main option is to have the My Book World Edition automatically and continuously back up your files, providing assurance that your files can always be restored.

- **What it backs up:** One-click backup backs up documents, photos, and media files on the primary drive of your computer.
- **What it does not back up:** One-click backup does not include files on the A: drive, application files such as MS Word or Adobe Acrobat, temporary and log files, virtual hard disk files, or files in the system folders.

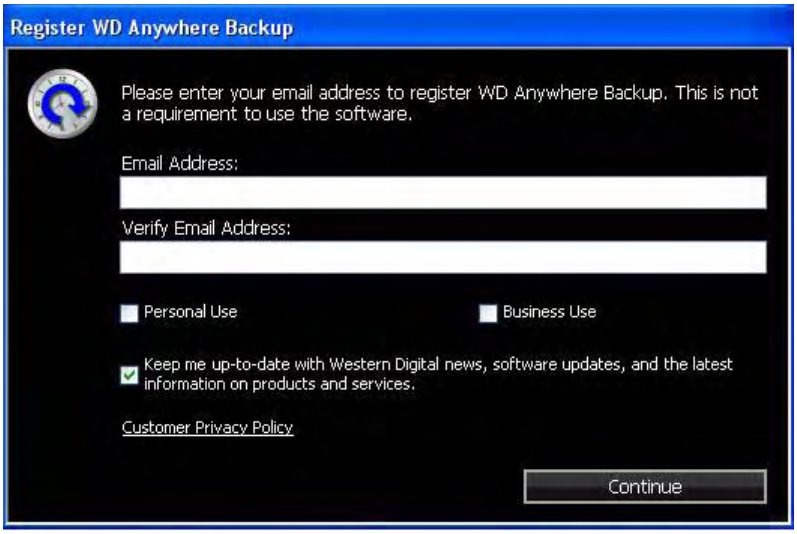
Customized Backup: The other option is to customize your backup to back up only selected types of files, for example, only photos or videos, or other drives.

To start an automatic and complete backup of your computer's hard drive:

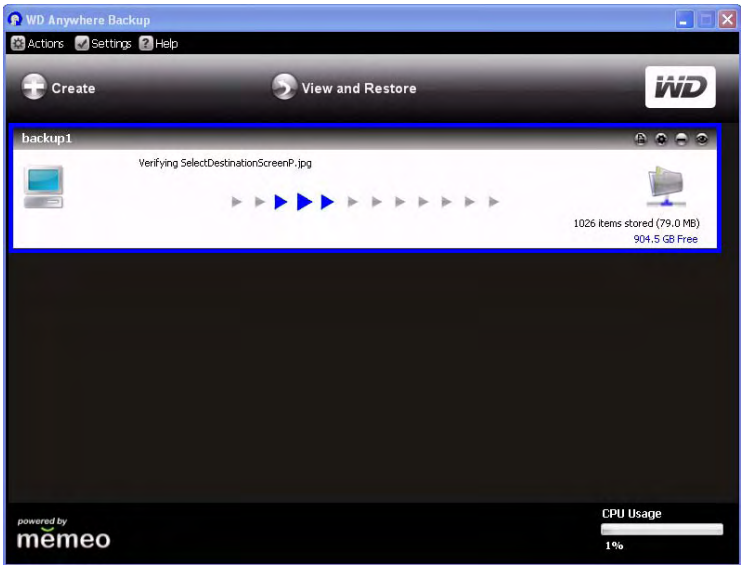
1. Click the **Begin Backup** button.
2. A message explains that initial backup will use moderate resources on your computer. To pause the backup, click **Pause until System Idle**. To keep the backup running in the background, click **Continue**.

   Note: If you do not want these messages to display in the future, click **Do not show Configuration Wizard at startup**.

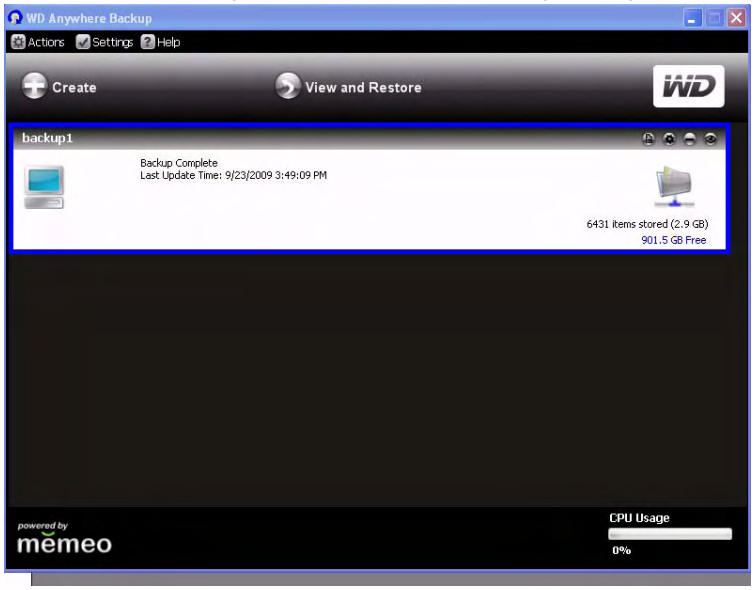
3. A registration screen appears. If desired, enter the optional registration information. Click **Continue**.



The WD Anywhere Backup screen displays the progress of the backup and the percentage of CPU used.

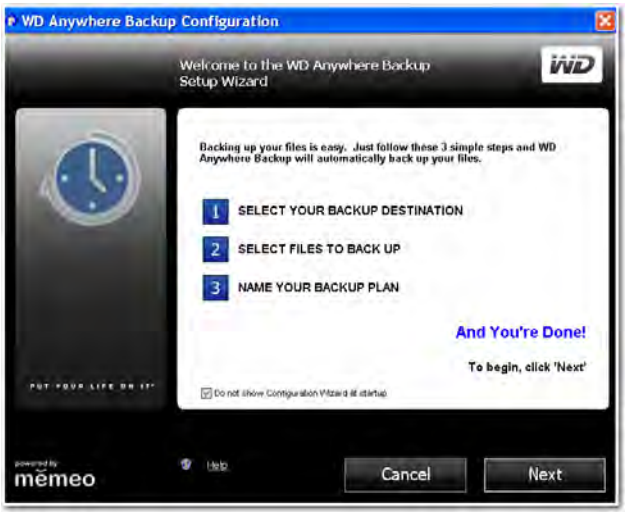


When the backup has finished, a backup complete message displays.



To customize a backup plan:

1. Click the **Customize My Backup** link at the bottom right of the WD Anywhere Backup Configuration screen. The Welcome to the WD Anywhere Backup Wizard screen appears.

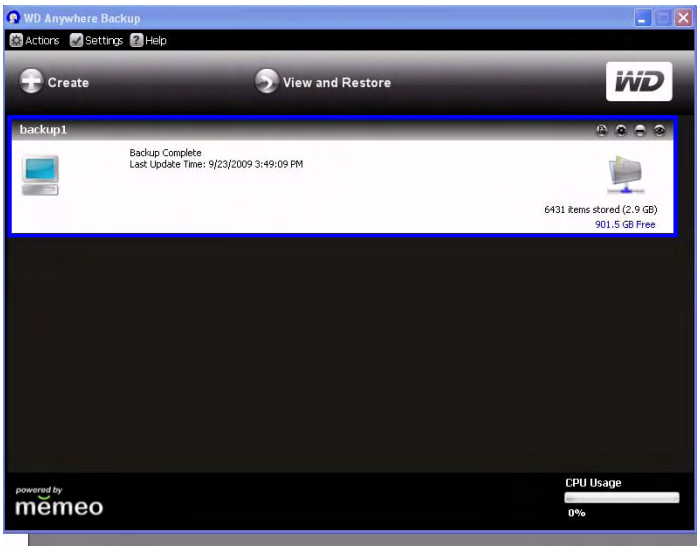


2. Continue with step 3 in How to Create a Backup Plan.

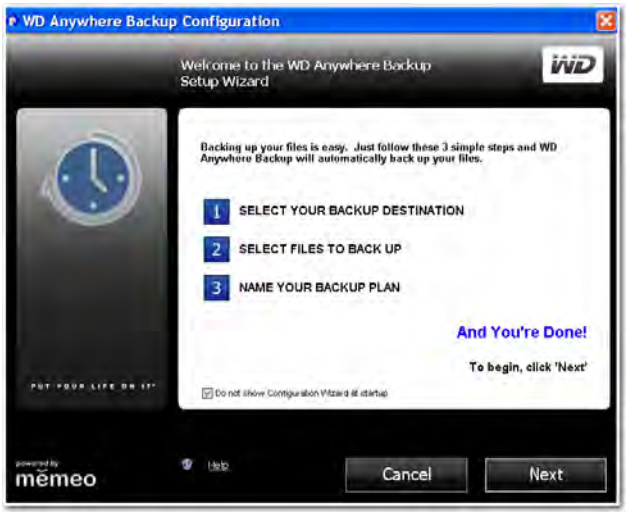
How to Create a Backup Plan

Creating and customizing a backup plan allows you to automatically safeguard against data loss.

1. If WD Anywhere Backup is not already running, click the WD Anywhere Backup icon on the desktop.
2. Click **Create.** (If the screen shows no backup plans, none have been created.)

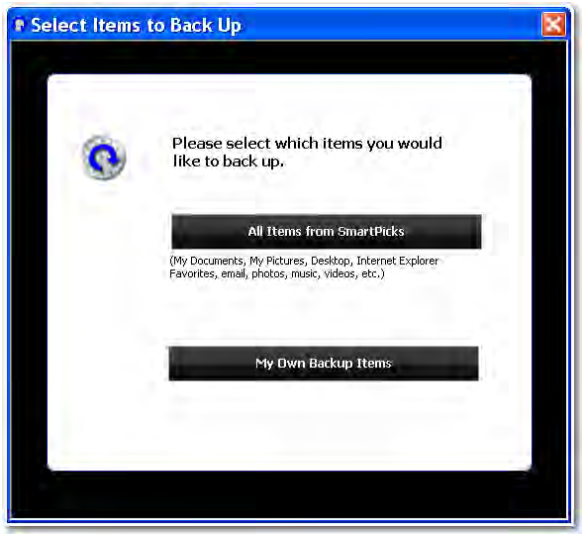


3. The welcome screen displays. Click the **Next** button.



4. Click **Network Places** to locate your My Book World Edition on your local area network. Click the **Next** button.

5. Click **All Items from SmartPicks.**

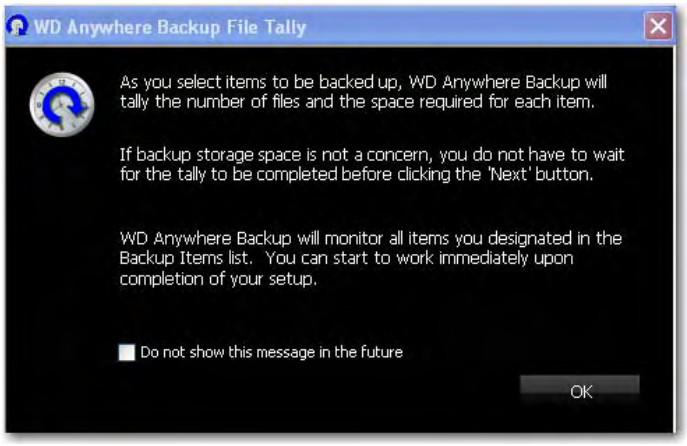


You have two options:

- **To select specific items:** See “Selecting your own backup items” on page 34.
- **To select all items:** continue with the procedure below.

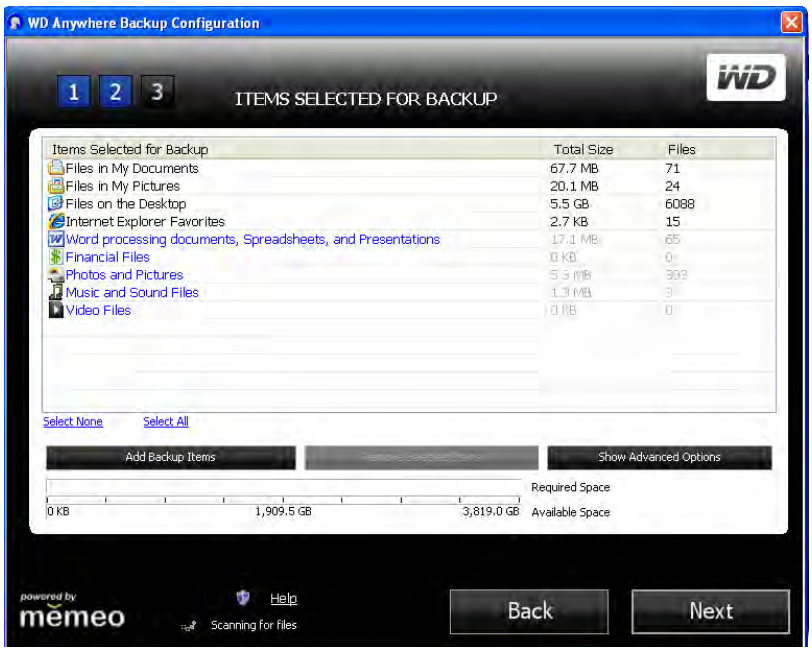
Selecting all items from SmartPicks

1. Click the **All Items from SmartPicks** button. The File Tally screen may appear:



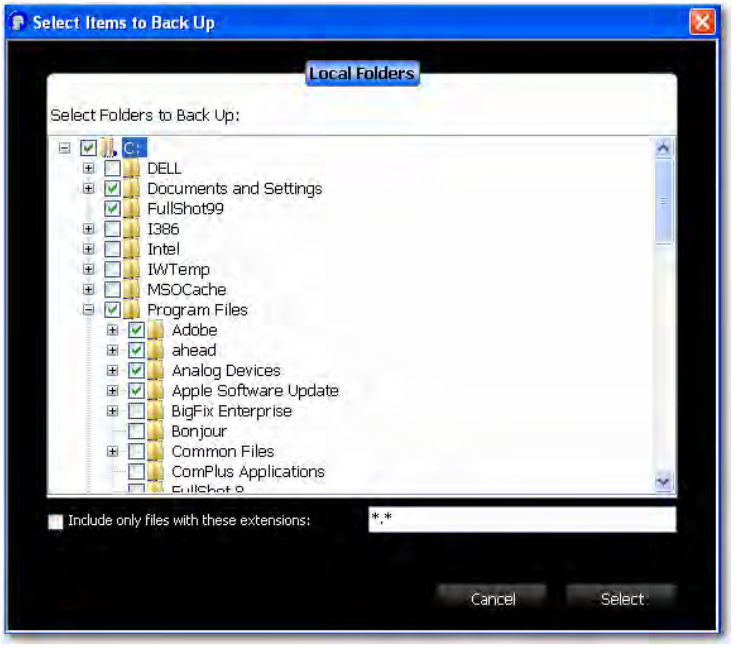
2. If you do not want to see this message again, select the check box at the bottom. Click **OK**.

3. The SmartPicks screen displays, listing common file types that you can back up.

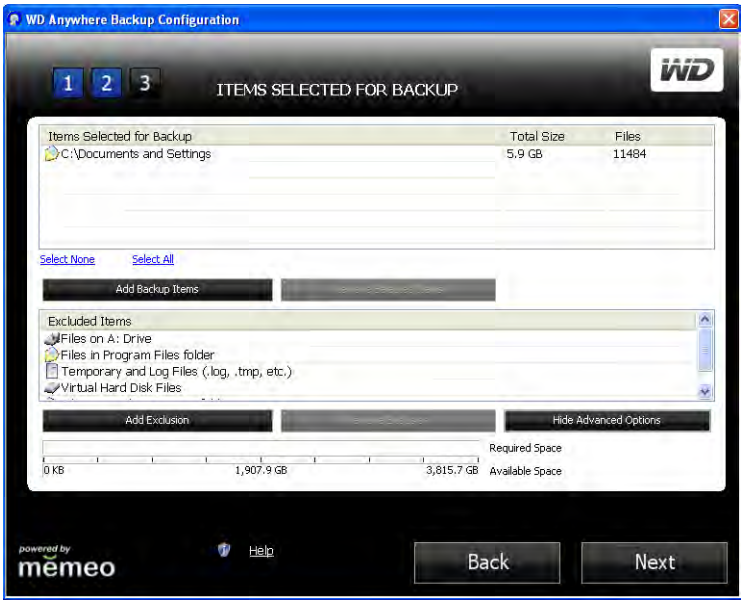


Select each file type you want to back up. You can also click **Select None** to clear all selections, or click **Select All** to select all of the items.

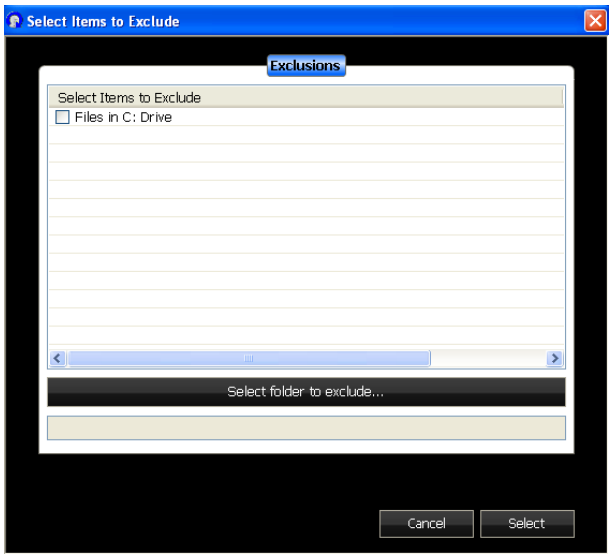
4. To add more items, click the **Add Backup Items** button. The Local Folders tab displays. Select additional folders and click **Select**.



5. To exclude more items from your plan:
   (a) Click the **Show Advanced Items** button.



   (b) Click the **Add Exclusion** button.

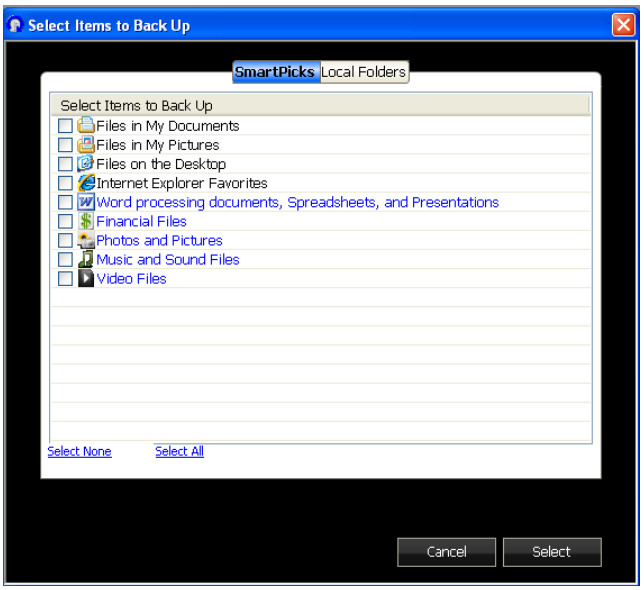


   (c) Select items to exclude from the backup plan, or click the **Select Folder to Exclude** and select any folders from the plan. Click the **Select** button.

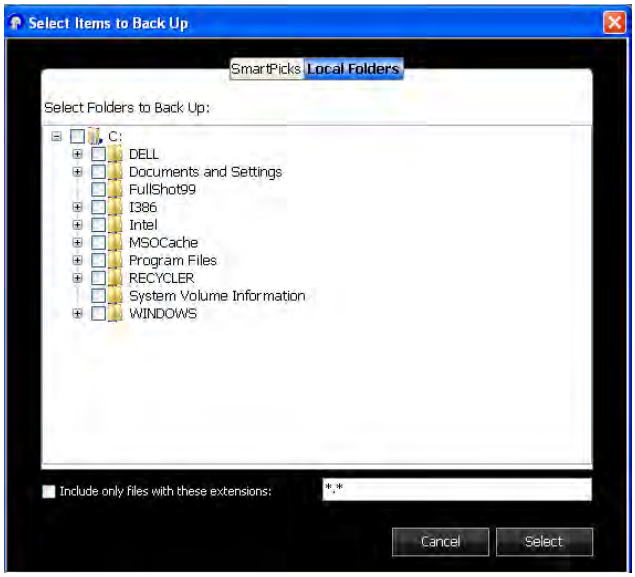
6. On the Items Selected for Backup screen, click the **Next** button.
7. Continue with “Completing the Backup Plan” on page 35.

Selecting your own backup items

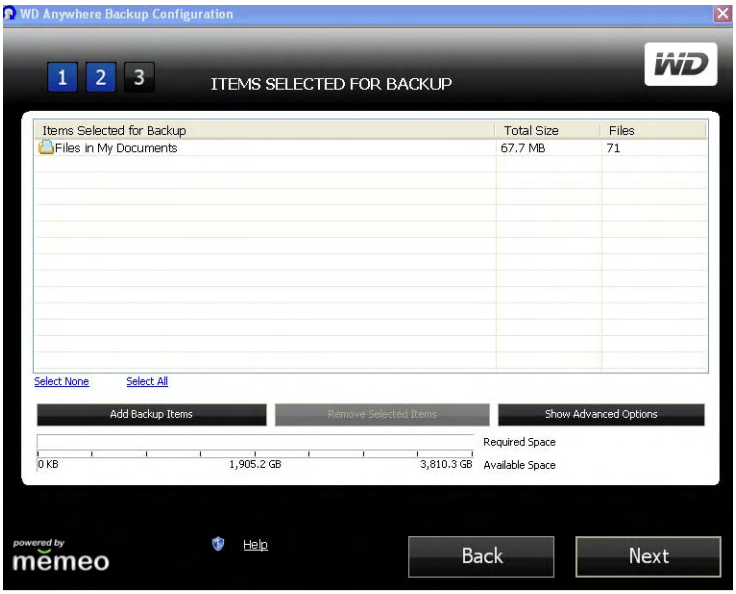
1. Click the **My Own Backup Items** button. The SmartPicks screen appears, listing default file locations you can back up.
2. You have two options:
   (a) On the **SmartPicks** tab, select each item you want to back up. You can also click **Select None** to clear all selections, or click **Select All** to select all of the items. When finished, click the **Next** button.



   (b) On the **Local Folders** tab, select each folder you want to back up and click **Select**.



3. On the Items Selected for Backup screen, you can add more items or use advanced items as described in “Selecting all items from SmartPicks” on page 31.



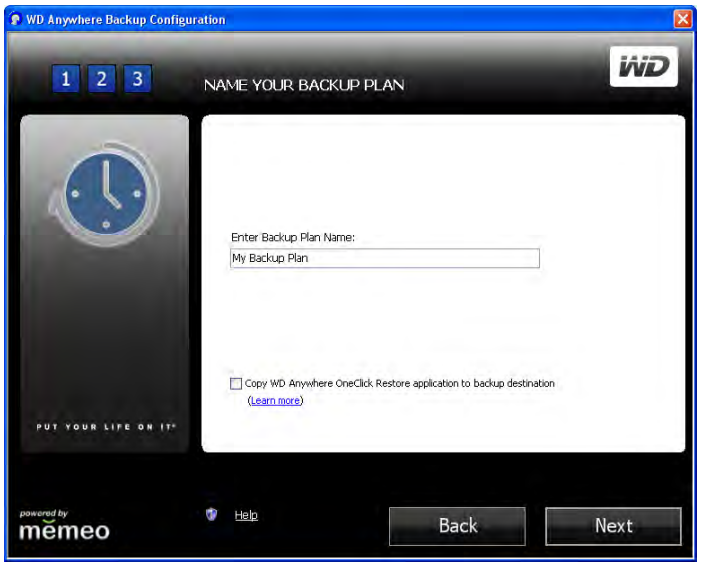
4. On the Items Selected for Backup screen, click the **Next** button.

Note: The Tally screen may appear. See “Selecting all items from SmartPicks” on page 31 for information about this screen.

5. Continue with “Completing the Backup Plan” on page 35.

Completing the Backup Plan

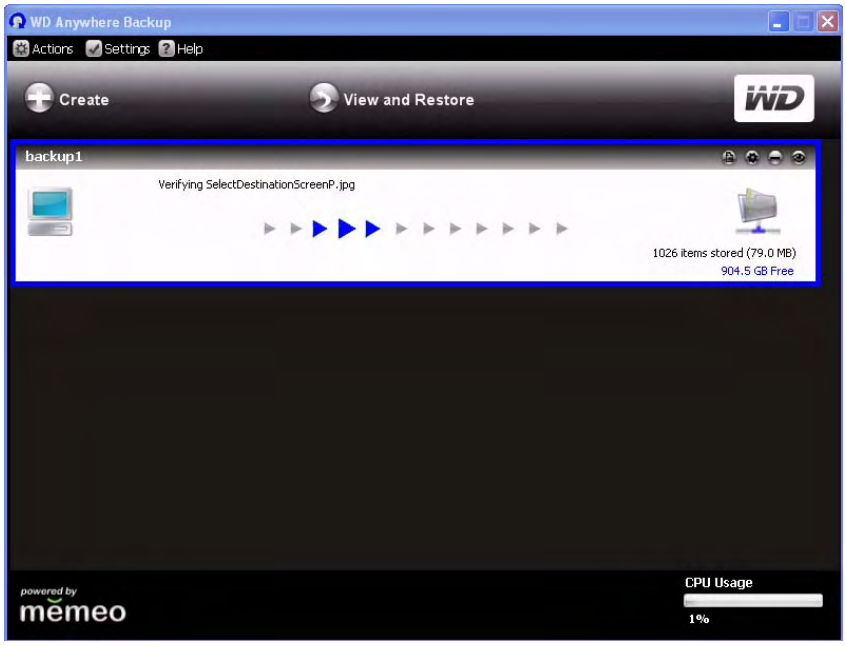
1. Name your backup plan and click the **Next** button. You can create additional backup plans by repeating the steps above.



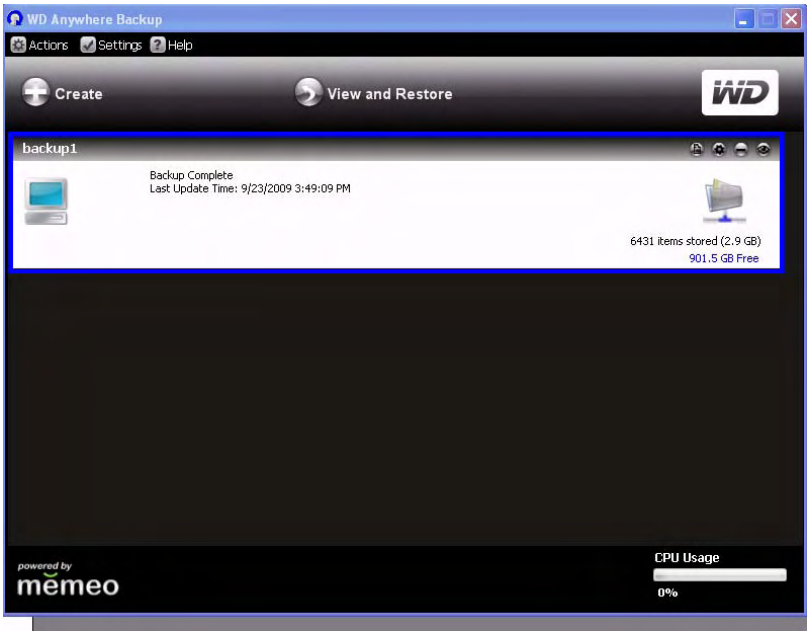
2. A confirmation screen appears. Click **Done**.

3. A message explains that initial backup will use moderate resources on your computer. To pause the backup, click **Pause until System Idle**.
4. To keep the backup running in the background, click **Continue**.

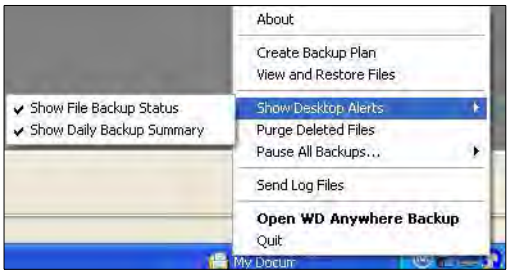
The WD Anywhere Backup screen displays the progress of the backup and the percentage of CPU used.



When the backup finishes, the Backup Complete screen appears.



Alternatively, close the screen, click the WD Anywhere Backup icon, and select **Show backup status.**

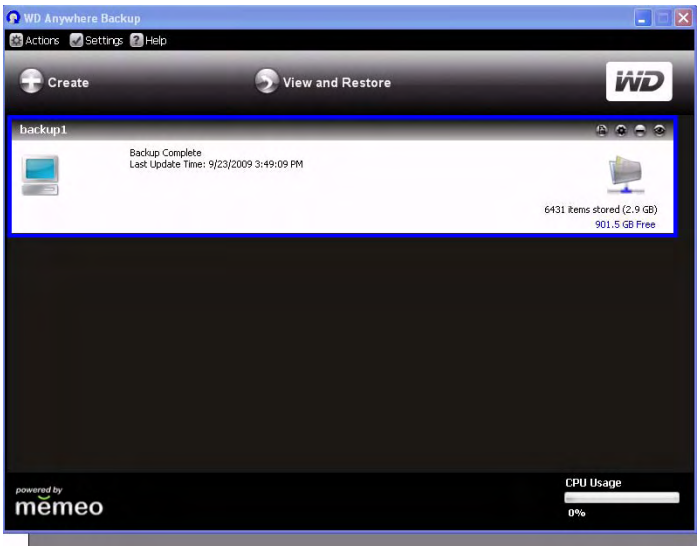


As files are backed up, a small notification window appears.

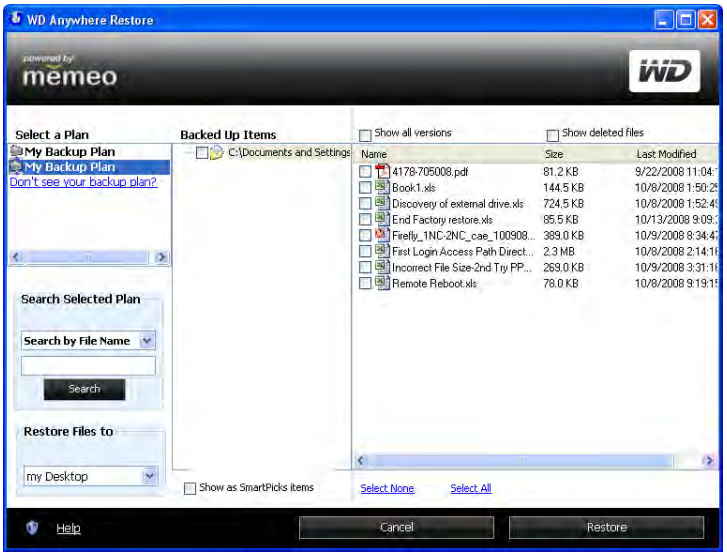
Restoring a Backup Plan

You can restore the files in your backup plan to a specified location in the event that you accidentally delete a file, want to compare file versions, or have lost all data due to a hard drive crash on your computer.

1. Click **View and Restore**.



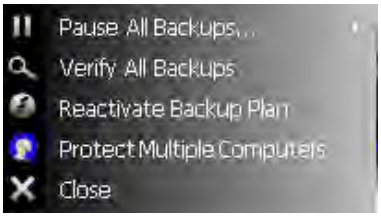
2. Click a backup plan in the **Select a Plan** list, or to search for a backup plan, enter the name in the **Search by File Name** field and click **Search**.
3. Click the box(es) next to the folders or files you want to restore.
4. From the **Restore Files to** list, select a location for your restored files and click the **Restore** button.



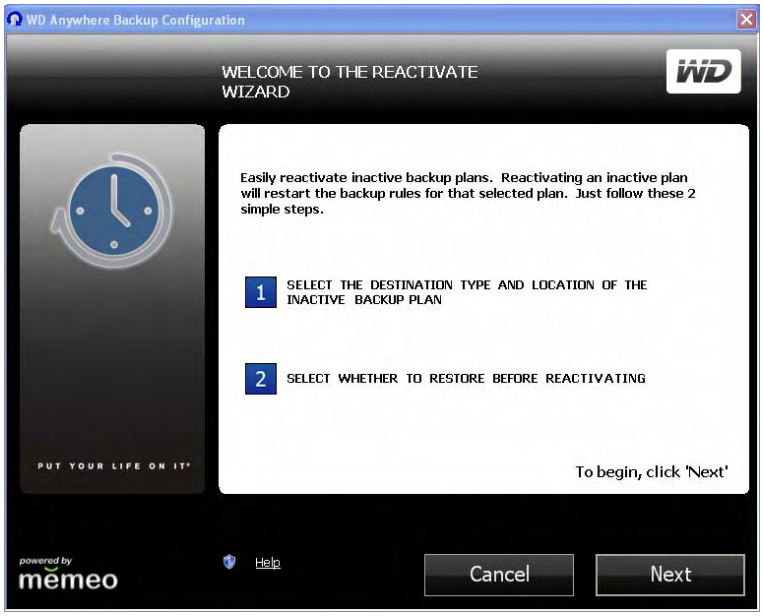
Reactivating a Backup Plan

You may reactivate an old backup plan if you want to continue backing up the files specified in that plan.

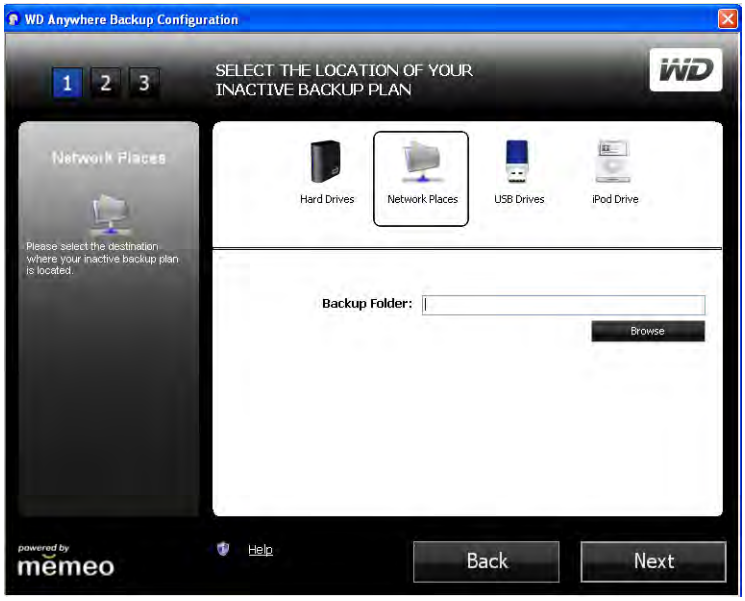
1. On the menu bar, click **Actions>Reactivate Backup Plan**.



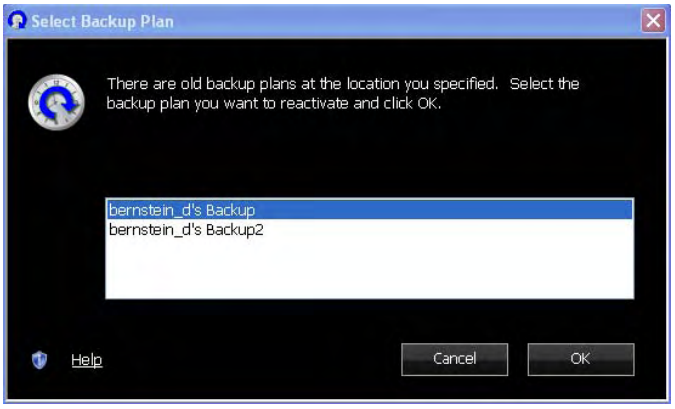
2. The Reactivate wizard appears. Click the **Next** button.



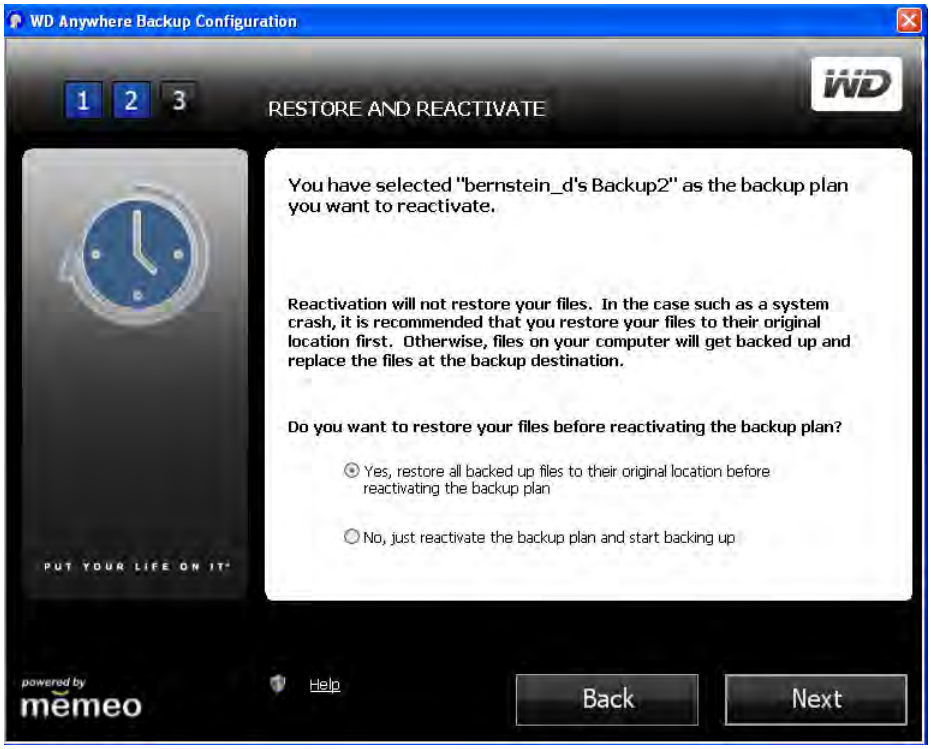
3. Browse to select the location of the backup folder and click the **Next** button.



4. If you have more than one backup plan, select the one you want to reactivate and click **OK**.



The following screen appears:



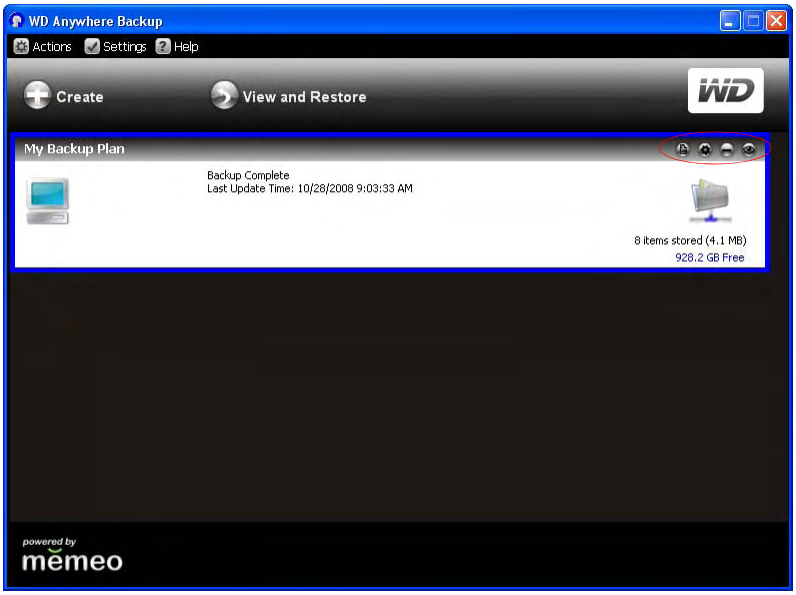
5. Select the **No, just reactivate the backup plan and start backing up** option and click the **Next** button. Your backup plan is reactivated, and your computer backs up files onto your selected backup destination.

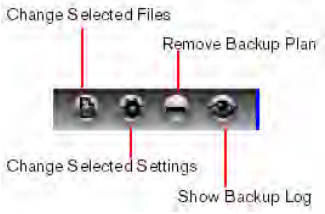
Important: If you select the **Yes** option, all the files in your backup up plan are restored onto your computer. This overwrites the files on your computer with the files from your backup plan. See “Restoring a Backup Plan” on page 38.

Editing a Backup Plan

Icons

Click the icons to add or remove files to and from backup plans, keep multiple revisions of files on hand for recall, remove entire plans, and view the backup log.



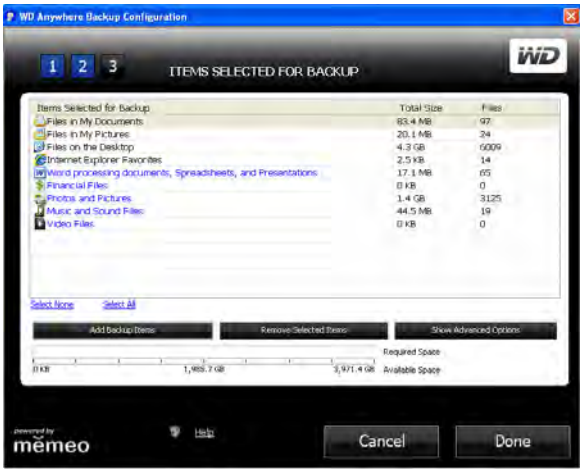


Selecting a Backup Plan

If you have more than one backup plan, select the one you want by clicking in its box. A blue border surrounds the selected plan.

Changing Selected Files

1. On the WD Anywhere Backup screen, click the Change Selected Files icon. (See “Icons” on page 42.) The WD Anywhere Backup Configuration screen appears.



Note: To deselect all listed files, click the **Select None** link. To select all the listed files, click the **Select All** link.

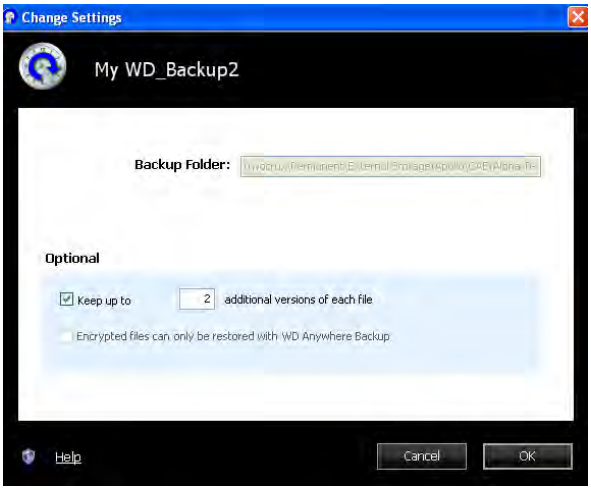
2. Do one of the following:
   - To add files, click the **Add Backup Items** button.
   - To remove files, select the files and click the **Remove Selected Items** button.
   - To exclude files from the backup, click the **Show Advanced Options** button.

   Depending on your selections, subsequent screens may display.
3. When you finish selecting items to add or remove, click the **Select** (or **OK**, depending on the screen) button.
4. When returned to the WD Anywhere Backup Configuration screen, click the **Done** button.

Changing Backup Plan Settings

You can change the number of versions of the same files WD Anywhere Backup should keep. For example, you may want to keep yesterday's version as well as today's version.

1. Click the Change Selected Settings icon. (See "Icons" on page 42.) Select the **Keep up to** check box and enter the maximum number of earlier versions of your files to keep.



2. Click **OK**.

Removing a Backup Plan

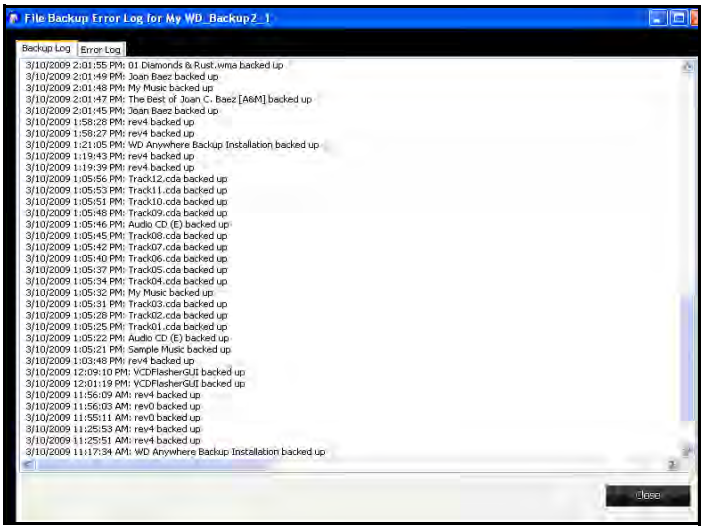
You can delete a backup plan on the WD Anywhere Backup screen. Your backed up files remain at their destination until you delete them manually.

1. Click the Remove Backup Plan icon. (See "Icons" on page 42.)
2. In response to the confirmation message, click **OK**.

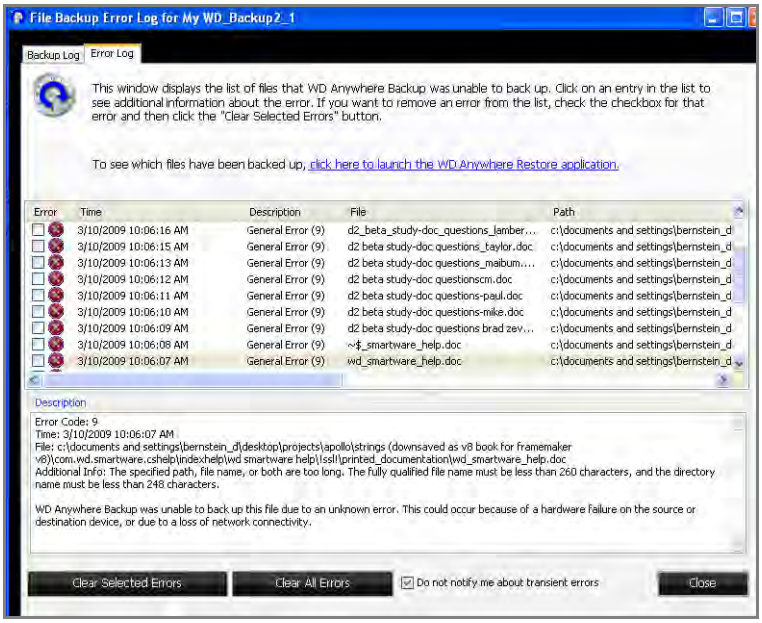
Showing the Backup and Error Logs

WD Anywhere keeps a log of all actions and backup errors.

1. Select the backup plan, and click the Show Backup Log icon. (See “Icons” on page 42.) The Backup Log appears.



2. To view the error log, click the **Error Log** tab.



3. To cause an explanation of an error in the list displayed in the lower part of the screen, click the error.
4. To clear selected errors, select their check box and click the **Clear Selected Errors** button.
5. To clear all errors, click the **Clear All Errors** button.
6. To prevent the Error Log from displaying transient errors, click the **Do not notify me about transient errors** check box. This selection affects all backup plans.
7. To see which files have been backed up, click the **click here to launch the WD Anywhere Restore application** link. (For information on restoring, see “Restoring a Backup Plan” on page 38.)

4 Using Time Machine™

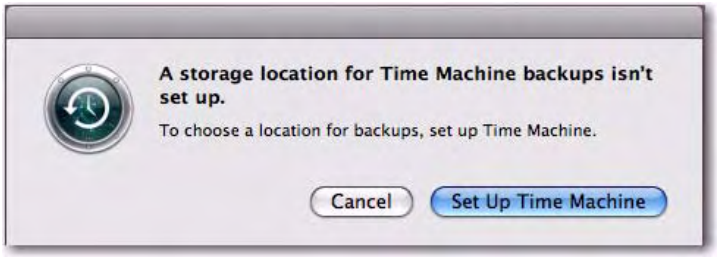
The Apple® Time Machine™ is a built-in feature on Mac OS X Leopard and Snow Leopard computers that can back up everything on your computer: music, photos, documents, applications, e-mails, and system files. The My Book World Edition drive (firmware 1.00.28 and later) can store these backups, so that if your hard drive or operating system should crash, or you lose a file, you can easily restore it to your computer.

Setting up Time Machine

To set up Time Machine to back up files on your My Book drive:

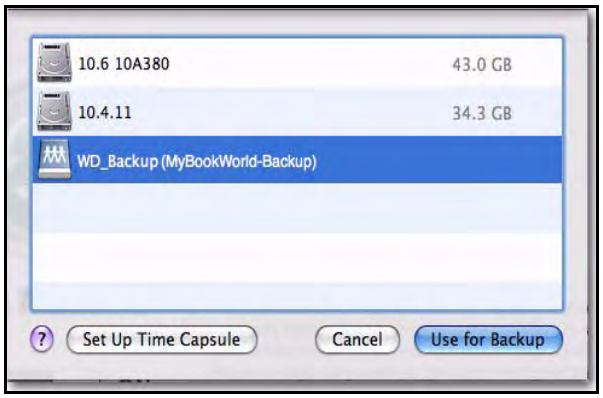
1. Use one of the following methods to open Time Machine.
   - Click the Time Machine icon in the Dock.

   - Click the **Apple** menu>**System Preferences** and select **Time Machine**.
   - Click **Go>Applications** and select **Time Machine**.
2. If this is your first time creating a backup, the following screen displays:



   Click the **Set Up Time Machine** button to display the Time Machine Preferences screen.

3. Click the **Choose Backup Disk** button and select the My Book World Edition drive where you want the backups stored.

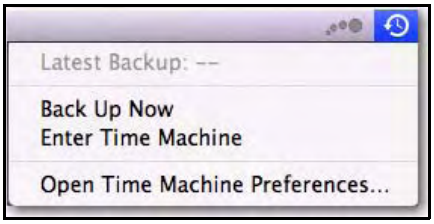


4. Click the **Use for Backup** button. A screen prompts you for your user name and password. Enter **wd_backup** as the user name and **backup** as the password (not case-sensitive).

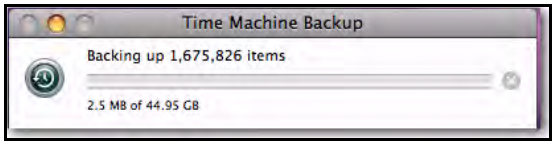
5. Click the **Connect** button. The Preferences screen returns.

6. To start automatic backups, move the slider to **ON**.

7. To add a Time Machine drop-down menu to the menu bar at the top of the screen, select the **Show the Time Machine status in the menu bar** check box. This menu enables you to start a backup, enter Time Machine to restore files, or open the Time Machine Preferences screen.



Time Machine begins backing up your files, but the first backup may take some time. Subsequent backups are faster because Time Machine only backs up new or changed items. A status bar displays the progress of the backup.



Time Machine backs up your computer every hour and keeps the following backup sets:

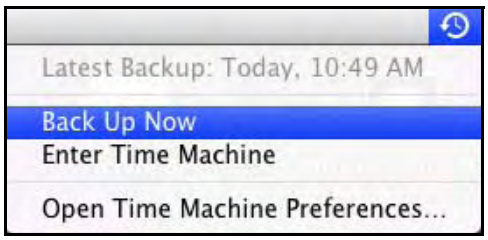
- Every hour for 24 hours
- Every day for the past month
- Weekly until the My Book drive is full.

If a backup is interrupted, for example, if the computer goes into sleep mode or the My Book drive is disconnected, it will resume automatically once the computer is available.

To see information such as available capacity and the date and time of the oldest, latest, and next backup, select **Open Time Machine Preferences** on the Time Machine drop-down menu:

Starting a Backup

To start a backup at any time, select **Back Up Now** on the drop-down menu.

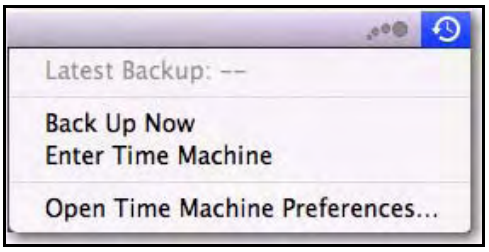


Restoring Backed-up Items

You may sometimes want to restore files and other items backed up on the My Book World Edition drive. For example, you may have lost a file, or you want to see files from a week ago. You can restore individual items, multiple items, folders, or if your system crashes, your entire hard drive.

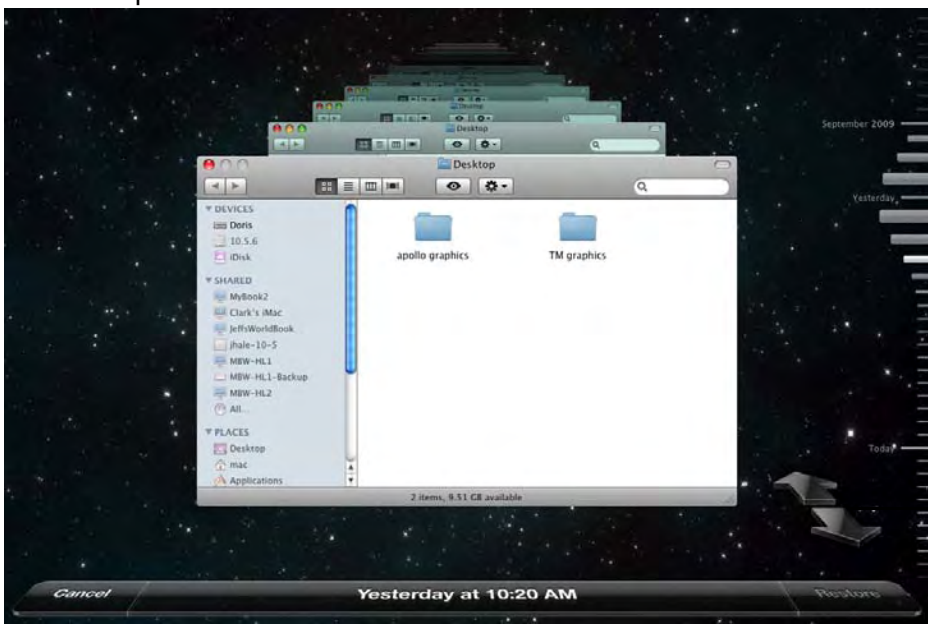
To restore backed-up items to your hard drive:

1. Open the window on your computer where you want the item restored. For example, if you are restoring a document, open the Documents folder. (If you are restoring an item on your desktop, you do not need to open a window.)
2. Click the **Time Machine** icon in the Dock or select **Enter Time Machine** from the drop-down menu.

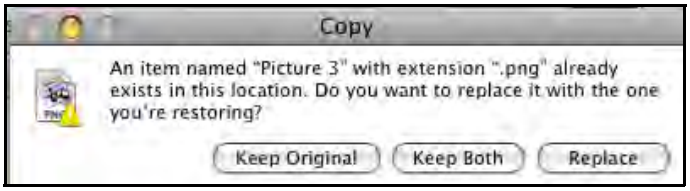


All of your backups display in a cascade, with the most recent backup in the front.

3. Click the arrows or the time line on the right of the screen to browse through all the backups Time Machine has created.



4. Select the item you want to restore, and click the **Restore** button to display the following options:



5. Click the button for the desired option:

   Keep Original - Does not restore the item from the backup drive

   Keep Both - The original item will remain and the backed-up item will be added to the selected location on your computer.

   Replace - The backed-up item replaces the original item.

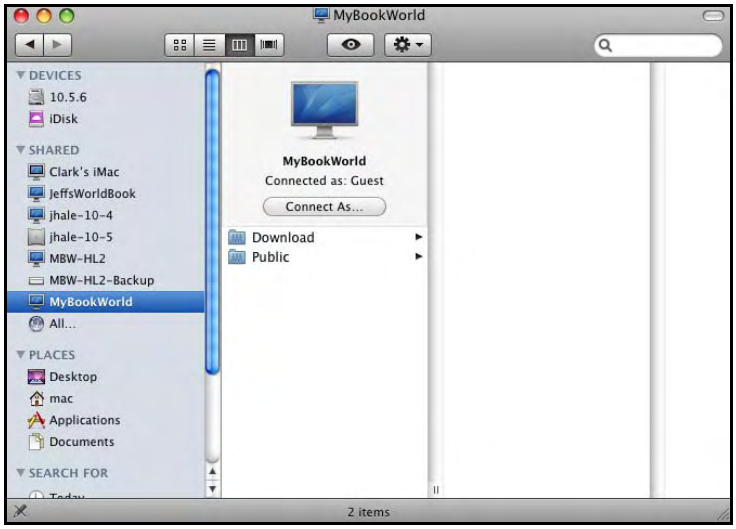
Deleting the Entire Backup

Time Machine enables you to delete your entire backup on the My Book World Edition drive. However, you cannot delete folders and files individually.

Note: In Finder, you will see a folder that corresponds to your backup drive and includes the word "backup". This is a protected folder that is automatically created and where all of your backups reside. It serves no purpose for users other than to store Time Machine backups. In fact, if you try to connect to it, you will get a "Connection Failed" message.

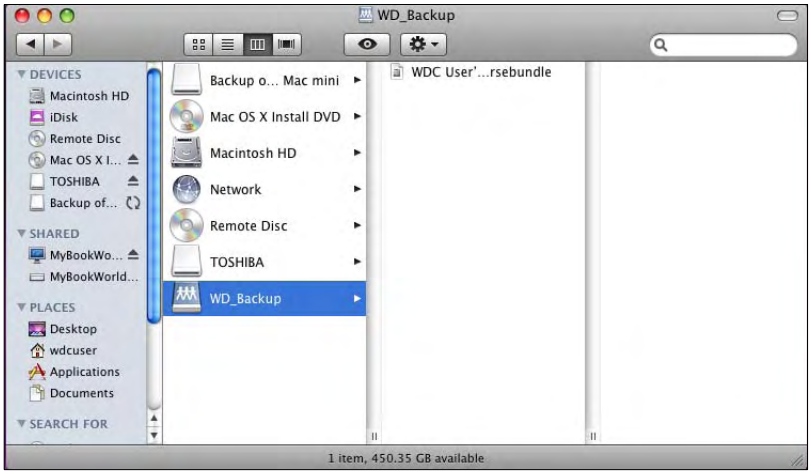
To delete your entire backup:

1. In Finder, select the My Book World Edition drive and click the **Connect As** button.



2. Enter **wd_backup** as the user name and **backup** as the password (not case-sensitive) and click **Connect**.

The following screen displays.



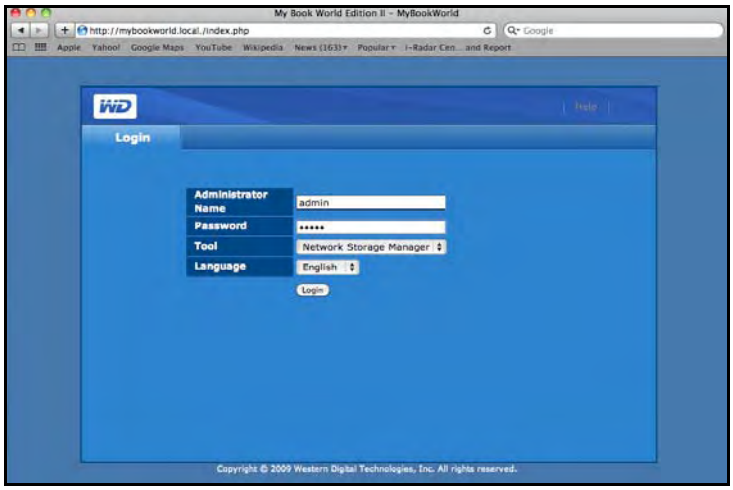
3. Select the backup folder and then drag the *.sparsebundle file to the Trash icon.

Changing Your Password

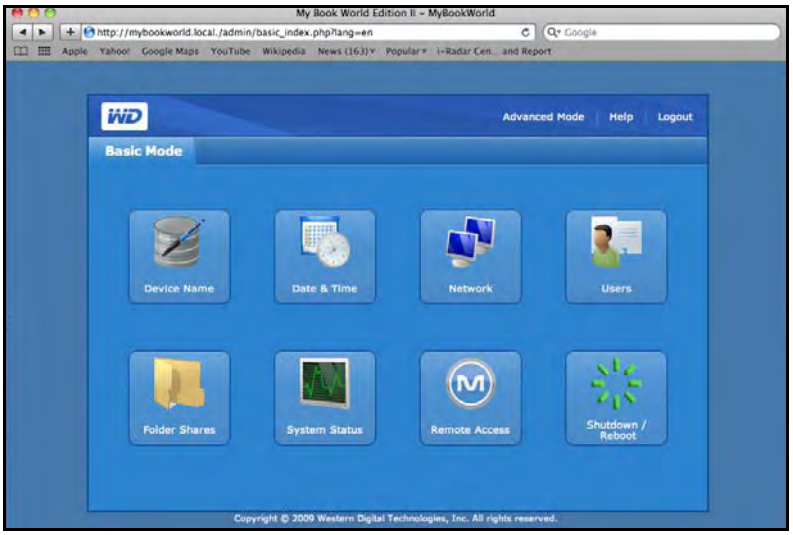
You can change your default password for your My Book World to access Time Machine.

To change your password:

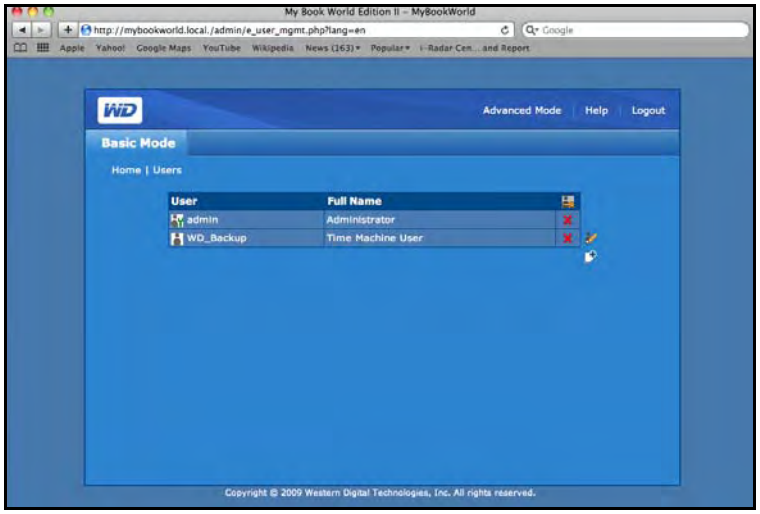
1. Log in to the My Book World web user interface.
2. Enter your username and password and click **Login** (default username and password are “admin”).



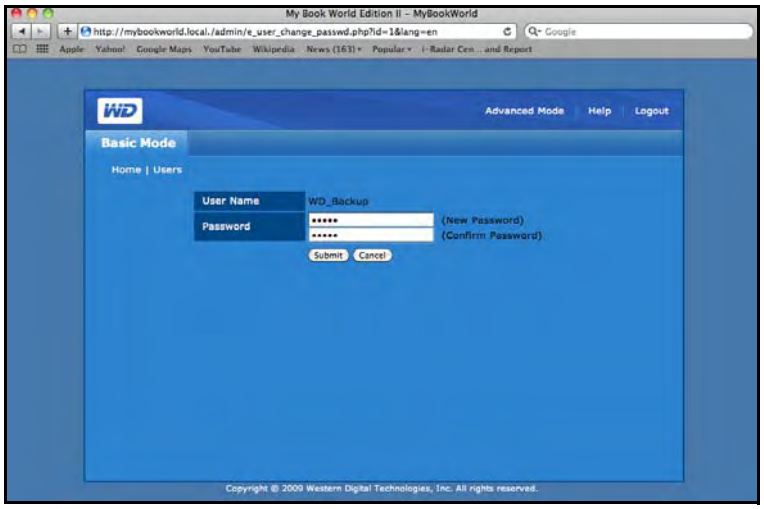
3. Click the **Users** button in Basic mode.



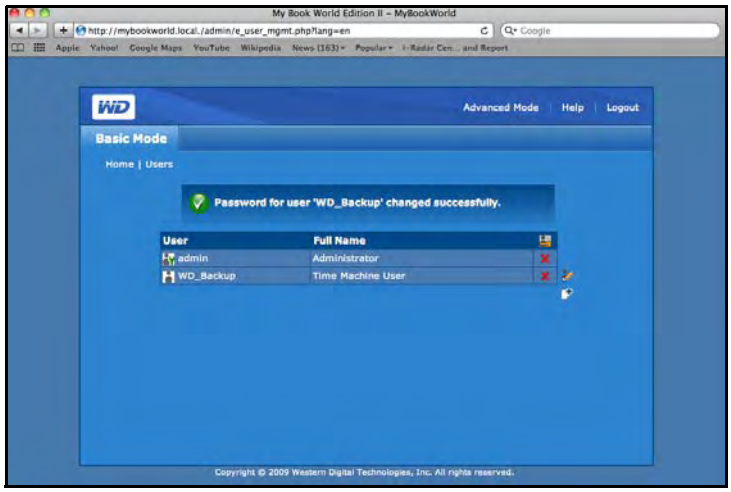
4. Click the icon to the right of the user name (WD_Backup).



5. When the Users page appears, enter your new password in the **New** and **Confirm** password fields and click the **Submit** button



6. A confirmation message displays.



5 MioNet® Remote Access

MioNet Overview

Remotely access your photos, music, documents, and videos from anywhere, anytime using MioNet secure remote access services from WD. MioNet makes remote file access and sharing seamless, simple and very secure. Just follow the steps to register your My Book World Edition into your secure MioNet account. Then you can access your content from any web browser in the world with your unique username and password.

MioNet also enables you to share a folder of pictures on your My Book World Edition with friends (no upload required) or a folder of documents with your business colleagues. Invitees can only view the content you choose to share with them.

Remote Access Setup

My Book World Edition comes with MioNet enabled by default. The **Remote Access** menu in My Book World Edition's Network Storage Manager allows you to further control the MioNet service on the storage device. See "Remote Access" on page 97 for further details.

Windows

1. Turn on your computer and wait for the operating system to load.
2. Insert the My Book World Edition software CD into the CD-ROM drive.

   Note: If AutoPlay is disabled on your computer, you must install the utilities manually. Click **Start** (or on Windows 7) and then **Computer** (Windows Vista/Windows 7) or **My Computer** (Windows XP). Double-click **Setup.exe** in the root directory of the CD.
3. *Windows Vista/Windows 7*: Click **Run setup.exe** and then **Allow**.
4. Click **Accept** in the Terms of Agreement screen.
5. If you have connected the device properly as shown in the Connect screen on page 12, click the **Next** button.

6. Click the **MioNet New Account** button if you are a new MioNet user; click **MioNet - Existing Account** if you are an existing user.

The MioNet registration screen appears.

7. Complete the registration form and click the **Submit** button to create an account.

8. When MioNet finds the My Book World Edition you are registering, enter a name for the device and click **OK**.

9. A confirmation message appears. Click **OK**.

   MioNet displays a list of the public folders stored on your My Book World Edition and includes a private folder that was created with the MioNet username.

   On login, MioNet searches for any unregistered My Book World Edition units and gives any it finds a default name of WD Storage. MioNet names are independent of names assigned using My Book World Edition's Network Storage Manager.

Using MioNet Web (after registration)

1. From any browser, go to www.mionet.com/web and enter your username and password. The Quick Start tab appears, displaying icons representing activities you can perform.

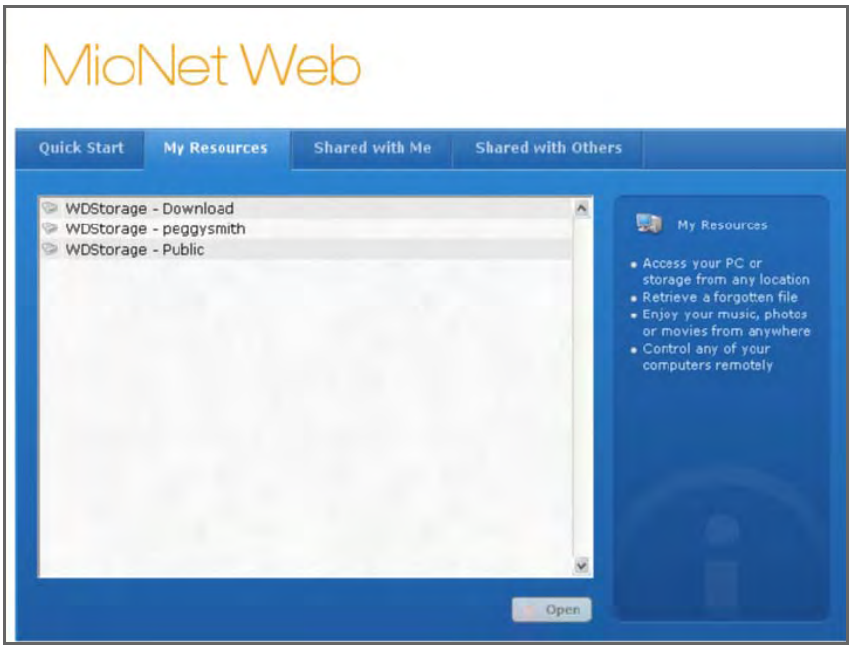
Note: In this User Manual, we discuss the most basic options. For more advanced options, see the MioNet Help or MioNet User Guide (available when you click the Online Help icon).

Accessing My Book World Edition Folders and Files Remotely

Important: Local access to WD Storage using MioNet Web is not available. Use Window's Explorer or Apple Finder.

1. Click the **My Resources** tab to display your My Book World Edition folders.

Your My Book World Edition folders display in the **My Resources** tab of MioNet.



2. Select a folder to see a list of all the sub-folders and files. You can now use your browser to access your entire collection of music, photos, movies, and documents.
3. Double-click any file to open it locally. You may be able to drag and drop files from your My Book World Edition to the remote computer and vice versa.

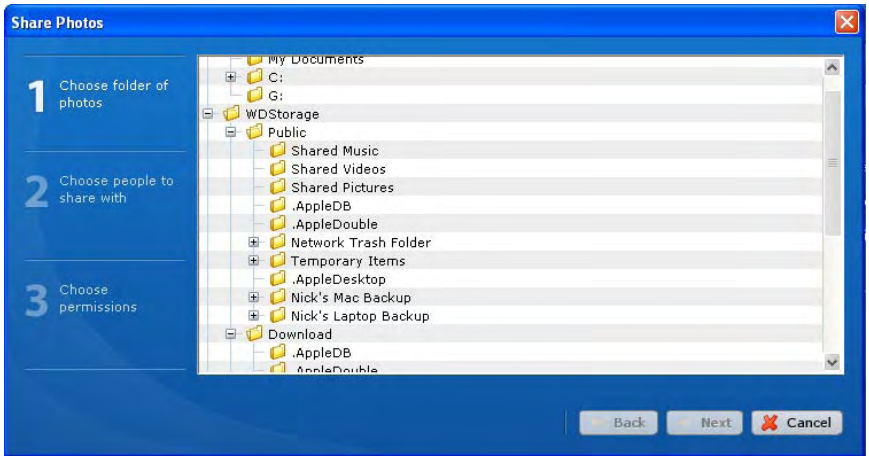
Sharing Files with Others

Sharing Photos

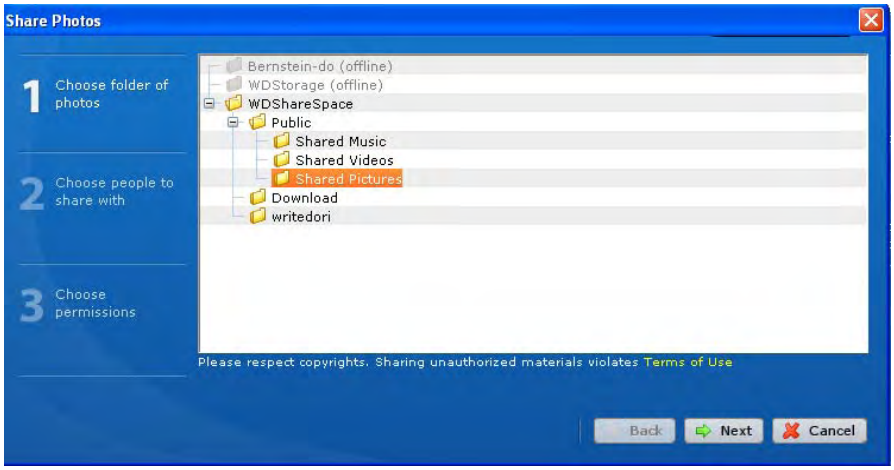
You can easily share a folder of photos on your My Book World Edition with others. It is a simple three-step process. First you choose the folder you wish to share, then who you want to share with, and finally what permissions they have to access the folder.

1. Click the Share Photos icon.

2. Choose any folder or the plus sign to choose a sub folder to share with someone else and click the **Next** button.



The screen for choosing people to share with appears.



3. To share photos with MioNet users you have shared with in the past:
   (a) Select the user(s) and click the **Next** button.
   (b) Continue with step 6.
4. To add a new user to share with:
   (a) Click the **Invite new person** button.
   (b) Enter the user's e-mail address and click the **Continue** button.

   (c) Continue with step 6.

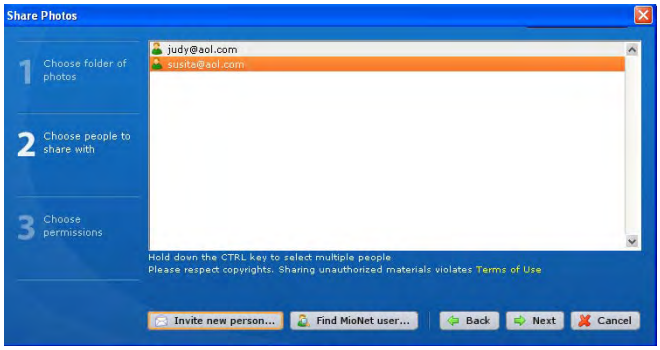
5. To find another MioNet user you have never shared with before:
   (a) Click the **Find MioNet user** button.
   (b) Enter the user name or e-mail address of the user and click the **Find** button.

   (c) When MioNet finds the user, click the **Share with this person** button.

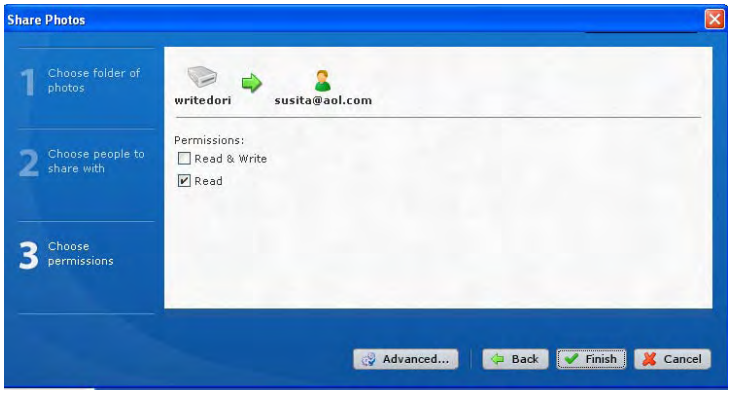
   (d) Continue with step 6.

6. From the list of users, select the user(s) you want to share with and click the **Next** button.

Note: You can press the **Ctrl** key in Windows or the **Command** key on the Mac to select multiple users.



(e) Select the permission level and click the **Finish** button. If you want users to only view and download the photos, select **Read** permission. If you want to enable users to add photos (or modify or delete photos) to your folder, give them the **Read & Write** permission.



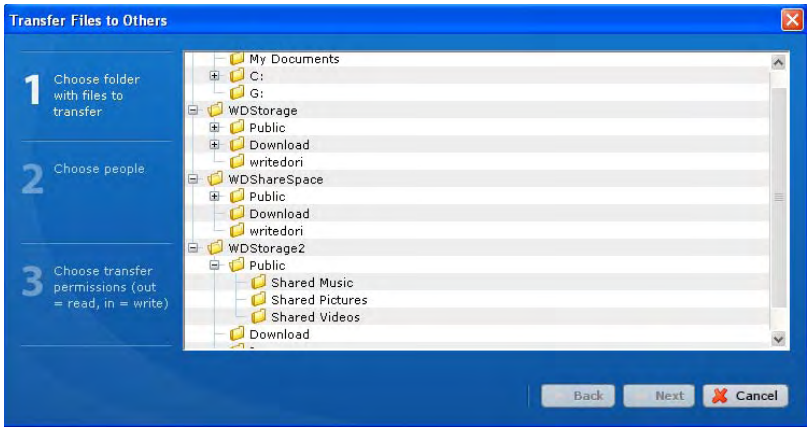
The person you invite receives an e-mail containing a link to MioNet. MioNet automatically opens up in the user's web browser and provides instant secure access to the folder of photos on your computer.

Transferring Files to Others

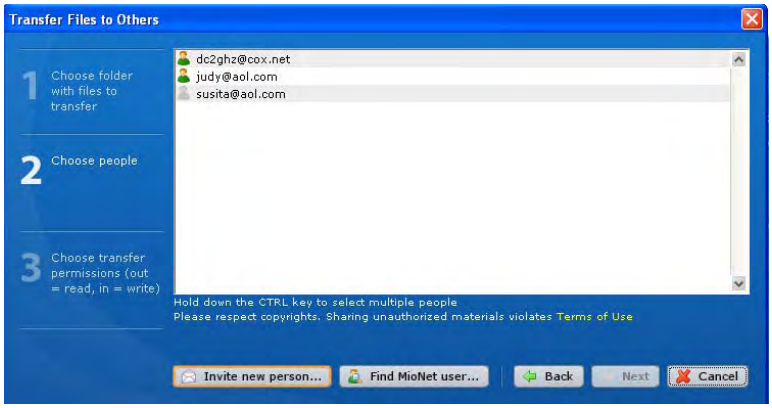
MioNet enables you to transfer files to others to whom you have granted access, and to have them transfer files to you.

Note: MioNet transfers are not as fast as LAN transfers.

1. Click the Transfer Files to Others icon to open a dialog window showing your My Book World Edition folders.
2. Click the **+** to navigate through your directory to highlight the folder you wish to transfer files from and click the **Next** button.

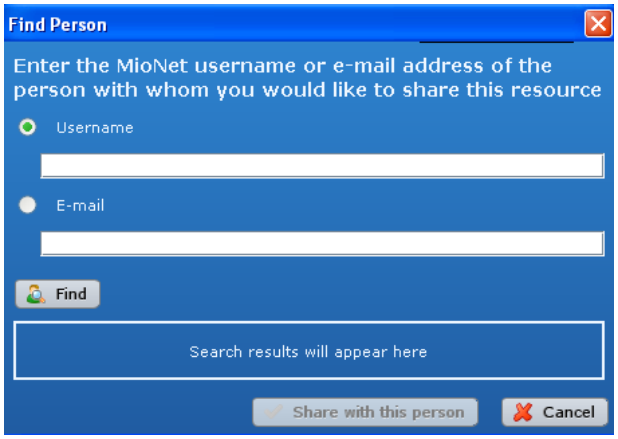


The following screen appears.



3. To transfer files back and forth with MioNet users you have shared with in the past:
   (a) Select the user(s) and click the **Next** button.
   (b) Continue with step 6.
4. To add a new user to transfer files to and from:
   (a) Click the **Invite new person** button.
   (b) Enter the user's e-mail address and click the **Continue** button.

   (c) Continue with step 6.
5. To find a MioNet user you have never shared with before:
   (a) Click the **Find MioNet user** button.
   (b) Enter the user name or e-mail address of the user and click the **Find** button.

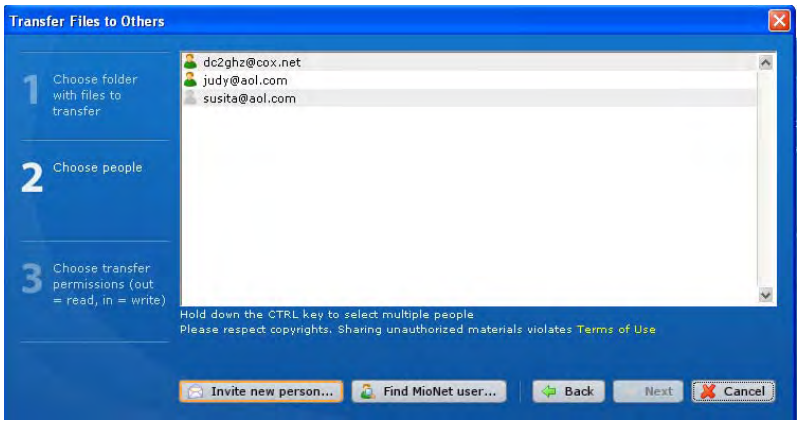


(c) When MioNet finds the user, click the **Share with this person** button.

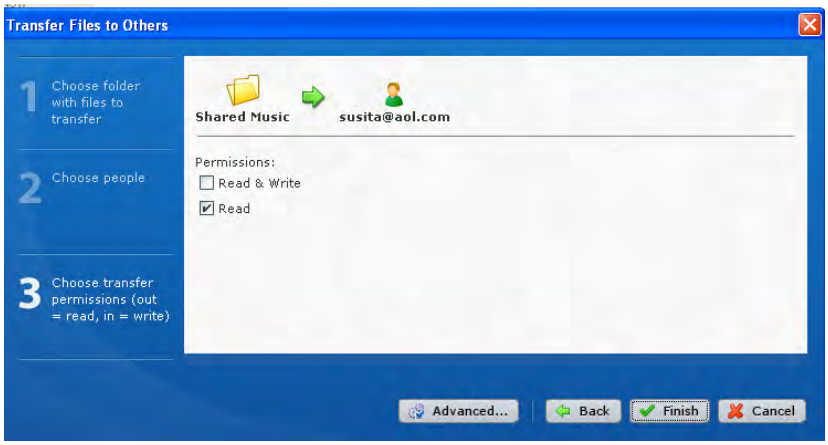
(d) Continue with step 6.

6. From the list of users, select the user(s) you want to transfer files to and from. Click the **Next** button.

Note: You can press the **Ctrl** key in Windows or the **Command** key on the Mac to select multiple users.



7. Select the permission level and click the **Finish** button. If you want users to transfer the files only to themselves, give them the **Read** permission. If you want to enable them to transfer files to you (or modify or delete your files), give them the **Read & Write** permission.



The user receives an e-mail containing a link to MioNet. MioNet automatically opens up in the user's web browser and provides instant secure access to the folders or files on your computer. They can then double-click the file to open it and save it to their local PC.

6 How to Play/Stream Video, Music & Photos

Media Server Overview

My Book World Edition is designed to serve as your home's central media hub. It enables you to stream photos, music, and videos to your home entertainment center and/or other PCs on your home network.

The TwonkyMedia™ server application searches for the media in the three shared folders (Videos, Photos, and Music) stored on the My Book World Edition connected to your home network. The server is pre-set, so you can just transfer your multimedia content to the respective shared folders on your My Book World Edition (described on the next page), and you are ready to stream and view content on your home entertainment center, game consoles (for example, Xbox 360™, PlayStation® 3, or DLNA® 1.5 Digital Media Adapters, such as WD TV™ Live HD Media Player). Visit www.twonkymedia.com for further information on TwonkyMedia.

Media Types Supported

Shared Music	Shared Videos	Shared Pictures
Audio files	Video files	Image Files
MP3	MPEG1	JPEG
WMA	MPEG2	PNG
WAV	MPEG4	TIF
LPCM	AVI / DivX	BMP
OGG vorbis	WMV	GIF
FLAC	VOB	
M4A	3GP	
M4B	VDR	
MP4	ASF	
3GP	MPE,	
AAC	DVR-MS	
MP2	Xvid	
AC3	M1V	
MPA	M4V	
MP1		
AIF		

Note: Some devices may not support playback of all these files. Please refer to your device's user manual to see which formats are supported.

Media Storage

You can access and store media content on My Book World Edition via network shares. Shares are folders that can be used to organize and store files on your My Book World Edition network storage system. Shares can be shared with everyone (public) or with selected users on your network (private).

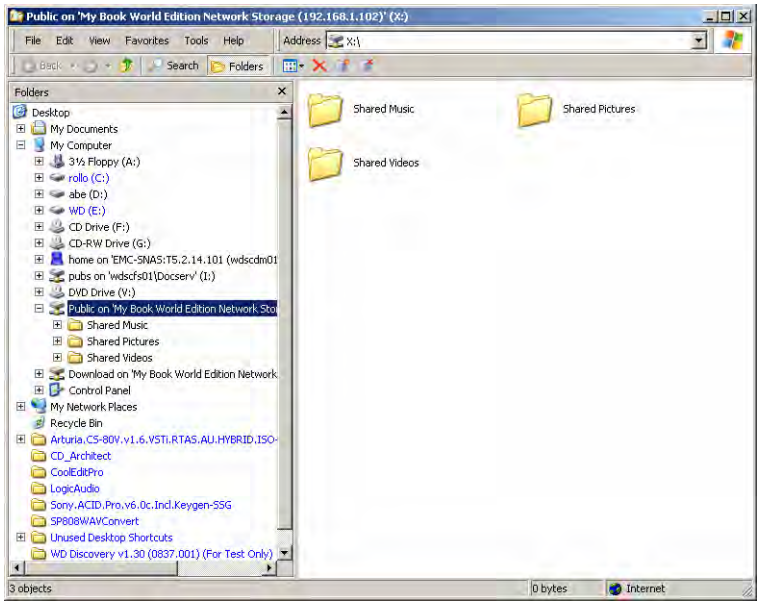
The device comes pre-configured with the Public network share, which contains the following folders for media storage:

- Shared Music - folder for storing music files you want to share with other users
- Shared Pictures - folder for storing image files you want to share with other users
- Shared Videos - for storing video files you want to share with other users

Important: Do not change or delete these default share folders. Disruption of file sharing could result. These are the default folders for the Media Server (Twonky Media) and iTunes Service. For more information on how to use Twonky media, see “Media Server” on page 138. For more information on how to use the iTunes service, see “iTunes” on page 138.

How and where to add media content to the shared folders

1. Open the Internet Explorer.



2. Copy your music files to the Shared Music folder, which is under the Public folder on My Book World.
3. Follow the same process to place your videos and pictures into their respective Shared Pictures and Shared Video folders.

Important: Make sure to sort and add your media content to the corresponding shared folders. (e.g., music files must go into the Shared Music folders). If you do not do this, your content will not display correctly through your digital media adapter.

Media Devices

Now that you have copied your files to their corresponding folders, you can use a variety of media devices to stream media. The following types are discussed in this section:

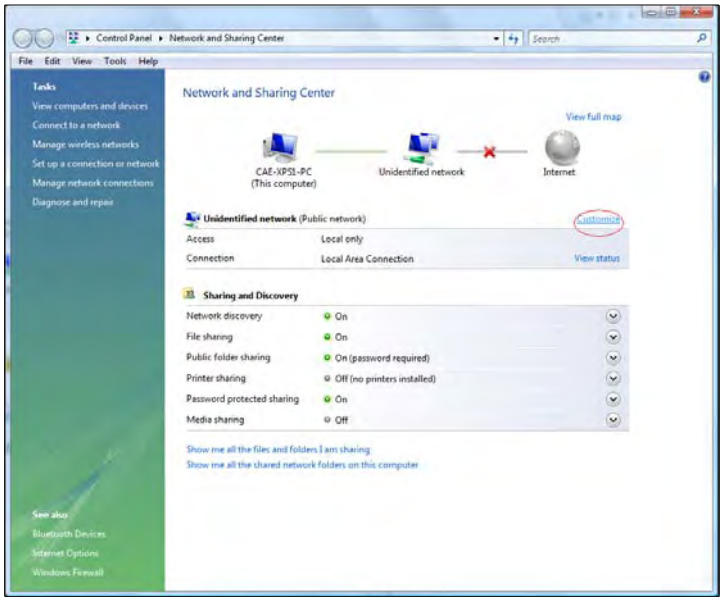
- Windows Media Player 11 (works with Windows Vista/Windows 7) on page 66.
- Windows Media Player 12 (comes with Windows 7) on page 66.
- WD TV Live HD Media Player on page 68.
- Xbox 360 - New User Interface on page 68.
- PlayStation 3 on page 71.
- Digital Picture Frames on page 71.
- Network Music Player on page 72.
- Digital Media Adapters on page 72.
- DLNA Devices on page 72.

Windows Media Player 11/12 (Windows Vista/Windows 7)

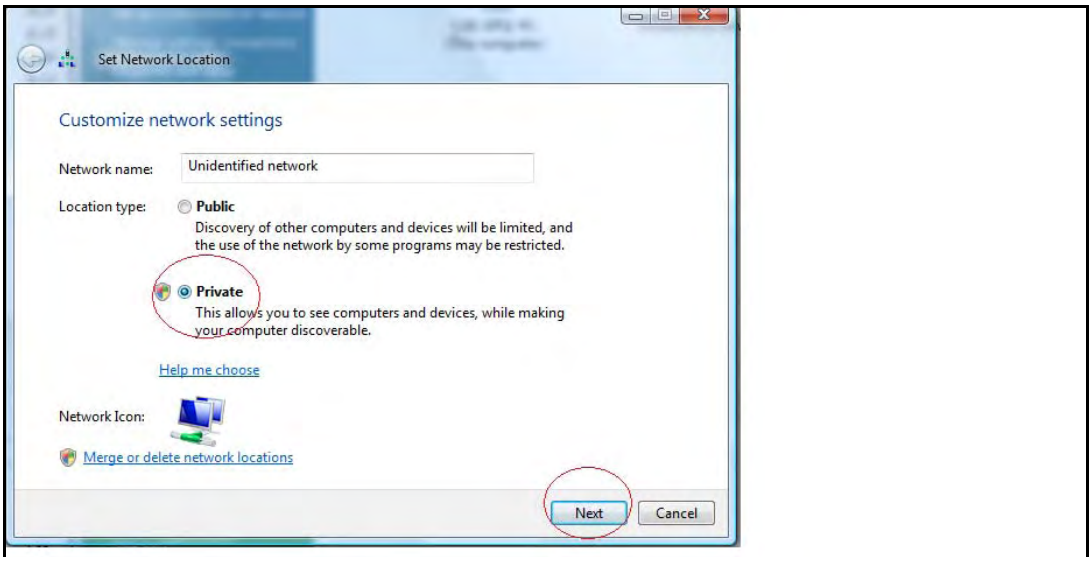
Note: Please go to the Microsoft Media Player support site for more information on using and updating your media player.

To stream media using Windows Media Player 11 or 12 Library:

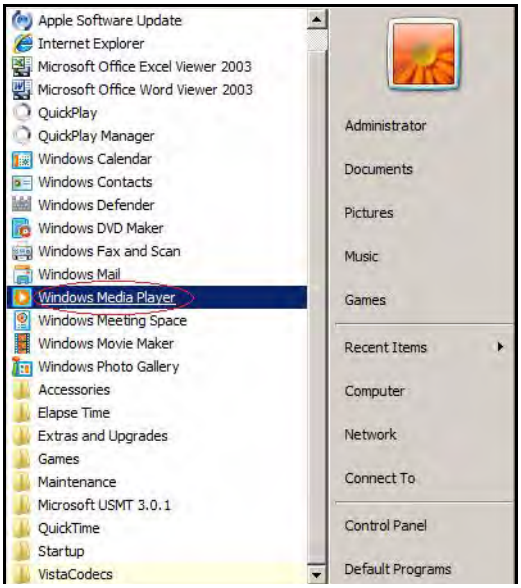
1. Click **Control Panel>Network and Sharing Center**.
2. Click **Customize**.



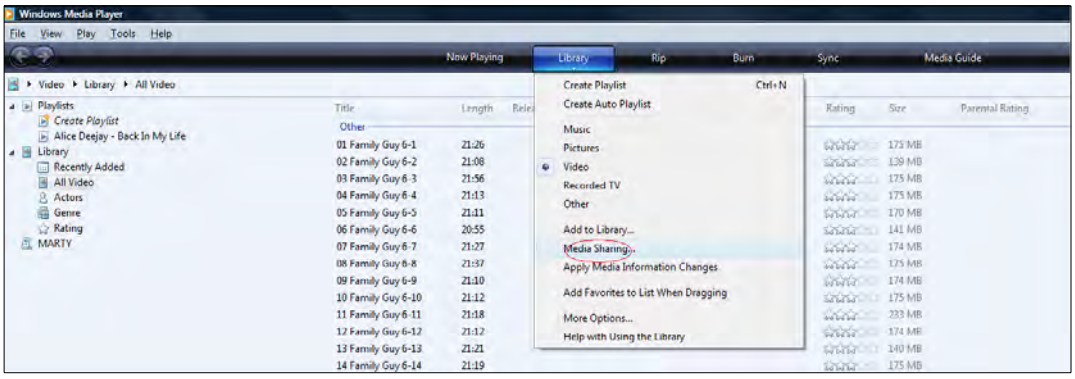
3. Select **Private**, and then click the **Next** button.



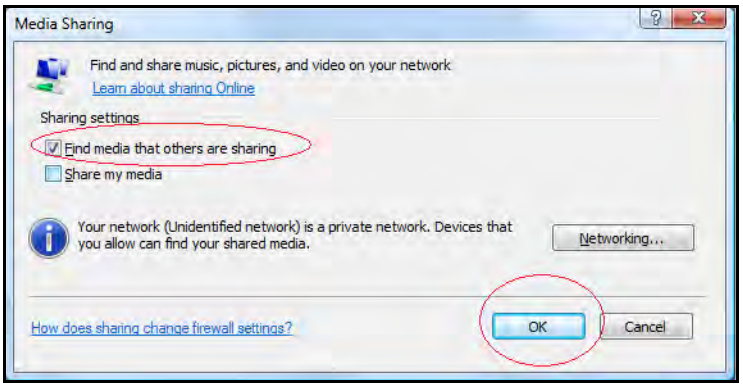
4. Launch Windows Media Player (**Start>All Programs>Windows Media Player**)



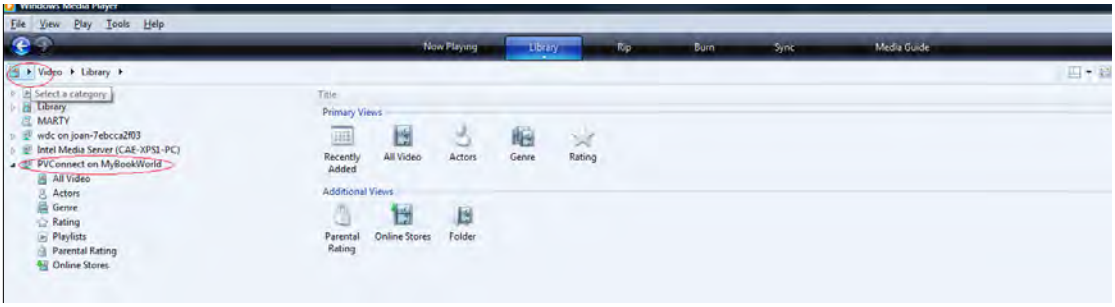
5. Click **Library>Media Sharing**.



6. Click **Find media that others are sharing**, and then click **OK**.



7. Select a media type (Music, Pictures, or Video) and click **PVConnect on MyBookWorld**.



8. Double-click the media file you want to play.

WD TV Live HD Media Player

You can connect the WD TV Live HD Media Player to your LAN network for access to media content stored in a network drive such as the My Book World Edition. Following are general steps for using the WD TV Live to access files on a My Book World Edition.

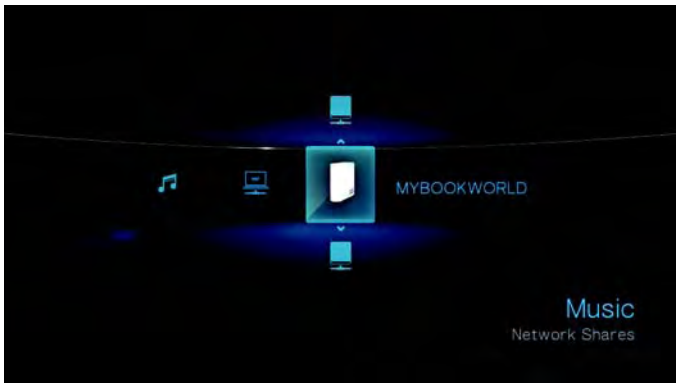
Note: Please refer to your WD TV Live HD Media Player user guide for more specific instructions on connecting to the My Book World Edition and accessing and playing your media content.

1. Connect My Book World Edition to your LAN and power on the device.
2. Make sure the WD TV Live is connected to your TV and powered on.
3. Connect the WD TV Live to the LAN.
4. Navigate to **Settings > Network setting > Network setup** to choose the connection type.
5. Use the ◀ ▶ navigation buttons to select **Wired** and press **Enter**.

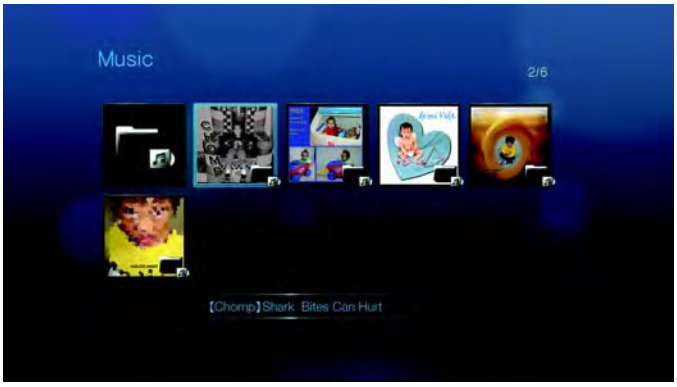
Note: You can choose **Wireless** if you use a wireless adapter compatible with the WD TV Live. For a list of compatible adapters, please go to support.wdc.com and search the Knowledge Base for answer 3805.

6. Select **Automatic** as the setup configuration option for DHCP or **Manual** for a static IP.
7. A confirmation screen displays your WD TV Live's network information if connection to the LAN is successful. Press **Enter**.
8. Navigate to the Home screen, and select the icon for media content you wish to access. It can be Music, Video, or Photo.
9. Press ▲ / ▼ to select **Network Shares** or **Media servers** and press **Enter**.

10. Press ▲ / ▼ to select the My Book World Edition and press **Enter**.



Supported content for the selected media type displays.



11. Select the content you wish to access, and then press **Enter** to start media playback.

Xbox 360

Note: Please go to the Microsoft Xbox 360 support site for more information on using and updating your XBox 360.

1. Ensure that your Xbox 360 and My Book World Edition are powered on and connected to your local area network.
2. From the main Xbox user interface, scroll to the My Xbox screen
3. Use the Xbox 360 controller and scroll to the right until you see Video, Music and Picture Library options.
4. Select any one of these three options by pressing the **A** button on your controller. The Select Source screen displays.
5. Select the MyBookWorld option based on the device name you created previously and press the **A** button. You see the media content stored on your MyBookWorld unit.
6. Using the controller, scroll through to view and play your media content.

PlayStation 3

Note: Please go to the Sony® PlayStation support site for more information on using and updating your PlayStation.

1. Ensure that your PlayStation 3 and My Book World Edition are powered on and connected to your local area network. You see the main user interface with a series of options displayed horizontally across your TV screen.
2. Using the directional buttons (left and right) on the PS3 controller, navigate to Music, Photo or Video depending on which type of media you want to play, and press the **X** button.
3. Using the directional buttons (up and down), scroll and select MyBookWorld (or the new device name that you created previously) by pressing the **X** button. You now see a list of folders (Music, Photo and Video) to the right of the MyBookWorld icon.
4. Make sure that you select the folder that corresponds to option you selected back in Step 2. For example, if you select Photo from the main user interface screen, open the corresponding Photo folder to the right of the MyBookWorld icon; otherwise your content does not display properly.

Digital Picture Frames

The following are general steps for setting up digital photo frames:

1. Ensure that your My Book World Edition is connected to your home's local network and is powered on.
2. Follow the user instructions provided with your wireless digital photo frame to proceed through any initial setup or installation of drivers.
3. Using the navigation feature on your wireless digital photo frame, scan and detect the My Book World Edition on your network.
4. Depending on the brand of photo frame you have, you may need to access Settings/Network Setup page in the user interface to establish connection so that your photo frame can link to your My Book World Edition. Please refer to your digital photo frame's user guide for specific instructions.
5. Once you have a connection between your wireless photo frame and the My Book World Edition, access the Media screen on your photo frame that provides you the option to view your pictures.

Note: Please refer to your wireless photo frame user guide for supported picture file formats and instructions on accessing and viewing your pictures.

Network Music Player

The following are general steps for using a network music player to access My Book World Edition:

1. Connect My Book World Edition to your local area network and power on the device.
2. Connect and configure your network music player on your home's wired or wireless network switch or router.
3. Turn on your network music player.
4. If connected properly, you find the device name of your My Book World Edition.
5. Navigate through the network music player's user interface to locate and play music stored on your My Book World Edition.

Note: Please refer to your network music player user guide for specific instructions on connecting to a network attached storage system and how to access and play your media content.

Digital Media Adapters

The following are general steps for using a Digital Media Adapter (DMA) to access to My Book World Edition:

1. Connect My Book World Edition to your local area network and power on the device.
2. Make sure that your DMA device is connected to your TV and powered on. The main screen of your DMA device displays.
3. Depending on the DMA device, you may need to access the Settings/Network Setup screen in the user interface to establish a connection between your DMA and My Book World Edition. Please refer to your DMA's user guide for specific instructions.
4. Once you have a connection established between your DMA and My Book World Edition, access the Media screen on your DMA to view your pictures or stream music and video content from the My Book World Edition.

Note: Please refer to your DMA's user guide for specific instructions on connecting to the My Book World Edition and how to access and play your media content.

DLNA Devices

See specific DLNA media device user manuals for instructions on connecting a DLNA device to your local area network so you can access content on My Book World Edition. Go to www.dlna.org for a list of DLNA-certified devices and for further information.

7 Using iTunes with My Book World Edition

iTunes Media Server Overview

With the iTunes Media Server, you or anyone connected to the My Book World Edition can use iTunes to play music files stored on it. This service creates a virtual music library on the device and treats it as an iTunes repository, making it possible for music files to stream from the My Book World Edition to Windows or Mac computers running iTunes.

Media Types Supported

The iTunes Media Server supports the following file types:

- *.mp3
- *.wav
- *.aac

Note: The iTunes server requires the presence of the '/Public/Shared Music' share folder. Do not rename or delete Shared Music if you want to use the iTunes server. You must recreate or rename the '/Public/Shared Music' folder if it has been deleted or renamed.

Storing Content

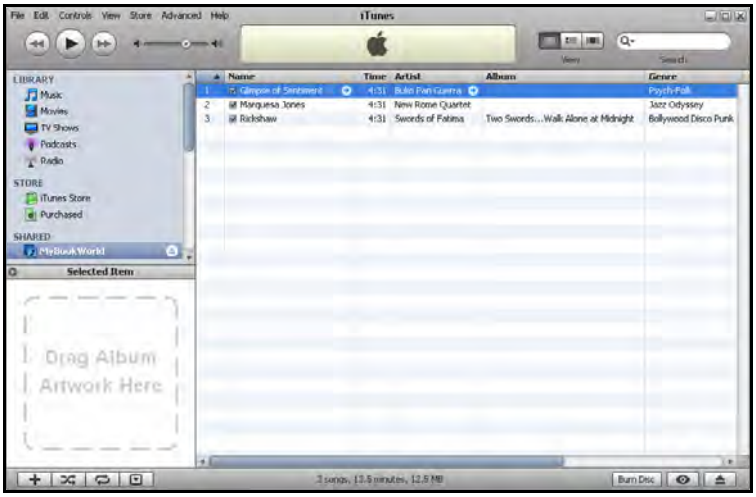
You can drag and drop audio files to My Book World Edition's '/Public/Shared Music' default folder.

Streaming Audio in iTunes

The iTunes Media Server is enabled by default in the Network Storage Manager utility. See "To enable or disable the iTunes Server:" on page 139 for more information.

1. Launch iTunes on your computer.
2. Click **MyBookWorld** under the Shared section of the left pane. If you have copied music to the /Public/Shared Music folder and it is in a format supported by iTunes, it should be listed in the right pane.

3. Double-click an audio file to play.

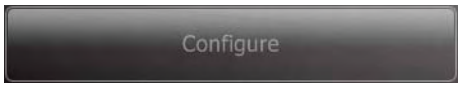


The audio file is streamed in iTunes and audio files from the My Book World Edition are displayed under the **Shared** list.

8 Using WD Discovery (Windows only)

WD Discovery is a proprietary utility that aids in connecting to WD network drives. The easy-to-use software enables you to quickly locate and set up the My Book World Edition from any Windows computer on your network. With WD Discovery, you can easily map network drives, browse shared folders, and create a desktop shortcut for quick access to your My Book World Edition.

WD Discovery provides the following options:



Configure your My Book World Edition device using the My Book World Edition's Network Storage Manager interface. See "Network Storage Manager: Basics" on page 81.

Automatically map a network drive so you can easily share and store data on your My Book World Edition. See "Automatic Drive Mapping" on page 76.

Easily browse network shares without having to manually enter network paths. See "Browse Network Shares" on page 77.

Create a desktop shortcut that points to a networked My Book World Edition. See "Desktop Shortcut Creation (Windows only)" on page 79.

Mapping a Network Drive

To access and store data on My Book World Edition after setting up the device, you must first map a network drive to one or more of the default shares. You must install the WD Discovery application on each Windows XP, Windows Vista, or Windows 7 computer in your network to automatically map a network drive, browse network shares, or create a desktop shortcut.

Windows XP/Windows Vista/Windows 7

Note: Follow the steps below only if you have not installed WD Discovery as instructed in "Using WD Discovery with Windows XP/Windows Vista/Windows 7" on page 12.

1. Turn on your computer and wait for the operating system to load.

   If WD Discovery is not running:

   For Windows XP, click **Start>Programs>WD Discovery** or double-click the WD Discovery icon on your desktop.

   For Windows Vista, click **Start>Programs>WD Discovery Software>WD Discovery** or double-click the WD Discovery icon on your desktop.

   For Windows 7, click the Windows icon and then **All Programs>WD Discovery Software>WD Discovery** or double-click the WD Discovery icon

on your desktop.

WD network drives are listed in the **Network Drives Found** list.

2. Click the device you want to map in the **Network Drives Found** list and click **Map Network Drive** in the **Things to Do** list.

A message appears asking whether you want to map the drive automatically. Continue with "**Automatic Drive Mapping**" below or "Manual Drive Mapping" on page 77.

Automatic Drive Mapping

1. After completing step 2 above, click **Yes**.

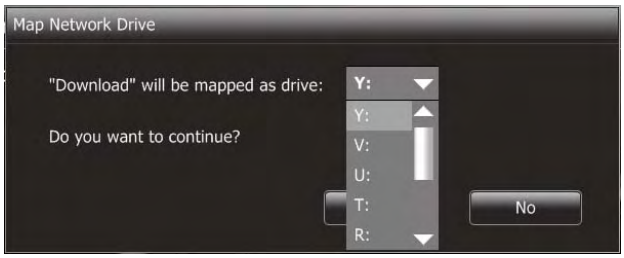
All share folders available on the device are mapped as network drives automatically. Available drive letters are assigned backwards from Z.

When mapping completes, the share folders appear as network drives in the WD Discovery screen.

2. Click **Back** to return to the main page.

Manual Drive Mapping

1. After completing step 2 of “Mapping a Network Drive” on page 75, click **No**. All share folders on the device are listed on-screen. Select a folder name, and then select a drive letter.
2. Click **Yes** to complete drive letter assignment.



3. Click **My Computer** on Windows XP and **Computer** on Windows Vista/ Windows 7. The network drives display. You can now drag and drop files into the network drive folders using My Computer or Windows Explorer.

Browse Network Shares

To access data on a share using WD Discovery:

Use WD Discovery to easily browse network shares without having to manually enter network paths.

1. Ensure that the device is powered on and connected to the network.
2. Do one of the following:

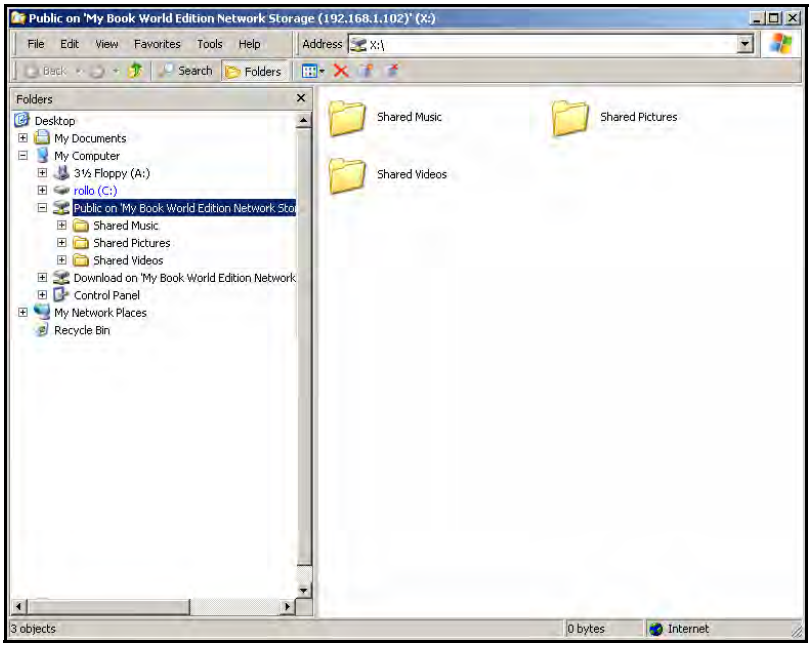
   For Windows XP, click **Start>All Programs>WD Discovery Software>WD Discovery** or double-click the WD Discovery icon on your desktop.

   For Windows Vista, click **Start>Programs>WD Discovery Software>WD Discovery** or double-click the WD Discovery icon on your desktop.

   For Windows 7, click the Windows icon and then **All Programs>WD Discovery Software>WD Discovery** or double-click the WD Discovery icon on your desktop.
3. Click **MyBookWorld** in the **Network Drives Found** list and click **Browse Network Shares** in the **Things To Do** list.

4. After successful login, the share folders on the device are listed. Click a network share path to view and access share files in Windows Explorer.

5. Copy your music files into the Shared Music folder, your video files into the Shared Videos folder, and your photos and pictures into the Shared Pictures folder.



Desktop Shortcut Creation (Windows only)

WD Discovery can create a desktop shortcut that points to a networked My Book World Edition.

To create a desktop shortcut:

1. Ensure that the device is powered on and connected to the network.
2. For Windows XP, click **Start>All Programs>WD Discovery Software>WD Discovery**, or double-click the WD Discovery icon on your desktop.

   For Windows Vista, click **Start>Programs>WD Discovery Software>WD Discovery**, or double-click the WD Discovery icon on your desktop.

   For Windows 7, click the Windows icon and then **All Programs>WD Discovery Software>WD Discovery**, **or** or double-click the WD Discovery icon on your desktop.
3. Click **MyBookWorld** in the **Network Drives Found** list, and then click **Create Desktop Shortcut** in the **Things To Do** list.

4. A dialog appears informing you that the desktop shortcut has been created successfully. Click **OK**.

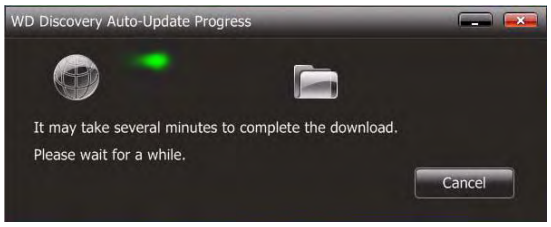
Automatically Updating WD Discovery

When you open WD Discovery, the WD Discovery Auto Update Progress screen may appear, notifying you that an update to WD Discovery is available.

To download the update:

1. On the WD Discovery Auto Update Progress screen, click **Yes**.

   A message indicates that the download may take several minutes.

   When the update is complete, a confirmation message appears:

2. To launch WD Discovery, click **Yes**.

9 Network Storage Manager: Basics

My Book World Edition's Network Storage Manager is a powerful and convenient user interface for managing and configuring your My Book World Edition.

Note: Accessing and setting up the My Book World Edition's Network Storage Manager is not required to begin using your My Book World Edition right away.

This chapter explains how to configure the My Book World Edition, access My Book World Edition's Network Storage Manager, and enter basic settings. For instructions on configuring advanced settings, see "Network Storage Manager: Advanced Mode" on page 101.

Configuring My Book World Edition

Follow the instructions below to configure your My Book World Edition for Windows or Mac.

Windows XP/Windows Vista/Windows 7

Note: Follow the steps below only if you have not installed WD Discovery Tool as instructed on page 12. Otherwise, launch WD Discovery Tool using the desktop icon and continue with step 6.

1. Turn on your computer and wait for the operating system to load.
2. Insert the software CD into the CD-ROM drive.

   Note: If AutoPlay is disabled on your computer, you must install the utilities manually. Go to **Computer** (Windows Vista/Windows7) or **My Computer** (Windows XP). Double-click **Setup.exe** in the root directory of the CD.

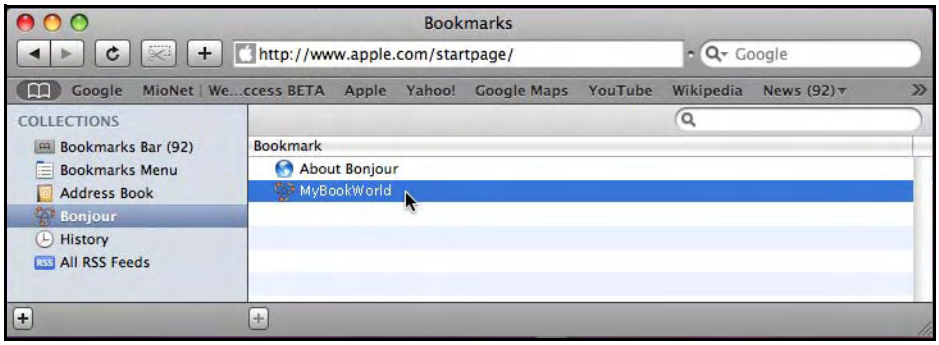
3. *Windows Vista/Windows 7:* Click **Run setup.exe**, and then click **Allow**.
4. Click **Accept** in the Terms of Agreement screen.
5. If you have connected the device properly as shown in the Connect screen, click the **Next** button. (See "Using WD Discovery with Windows XP/Windows Vista/Windows 7" on page 12.)
6. The Application Installer screen opens, displaying a list of options. Click **WD Discovery Tool**.

7. The WD Discovery screen displays. Click **MyBookWorld** in the **Network Drives Found** list and click **Configure**.

8. The login page appears. Continue device setup by following the instructions for “Setting Up the Device for the First Time” on page 83.

Mac OS X

1. Turn on your computer and wait for the operating system to load.
2. Open the Safari web browser.
3. Click the Bookmarks link in the upper left corner of the screen.
4. Click **Bonjour**, and then double-click **MyBookWorld**.



5. The login page appears. Continue device setup by following the instructions for “Setting Up the Device for the First Time” on page 83.

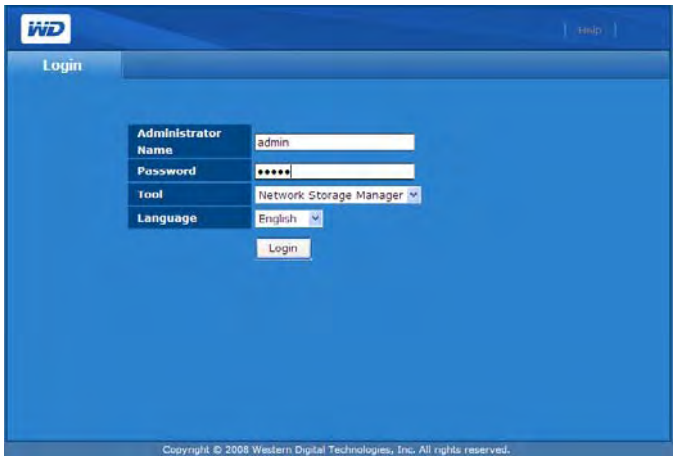
Note: The Mac OS X Leopard (10.5.6) may not be able to get past the login page. Please go to support.wdc.com and search the knowledge base for answer ID 3280, which has instructions on correcting the problem.

Setting Up the Device for the First Time

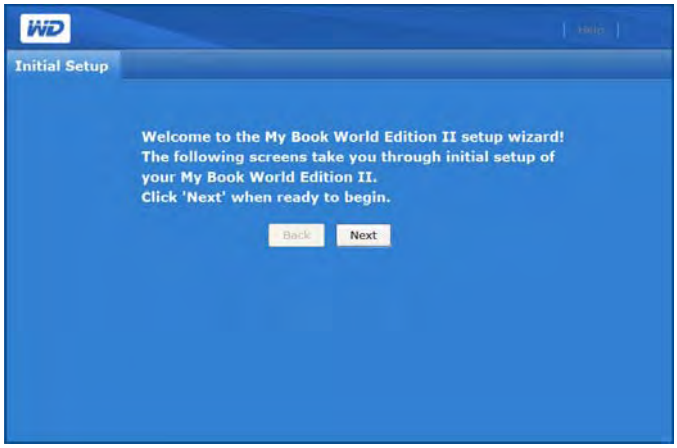
Follow the steps below to continue setting up the device on all operating systems.

Note: You only have to perform this step the first time you log in to the My Book World Edition.

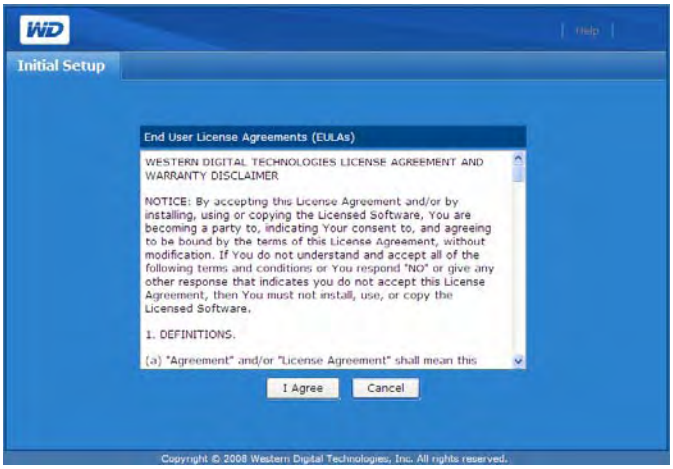
1. Enter “admin” in both the **Administrator Name** and **Password** fields.
2. Select a language from the **Language** list and click the **Login** button.



3. Click the **Next** button.



4. Read the license agreement, and then click the **I Agree** button.

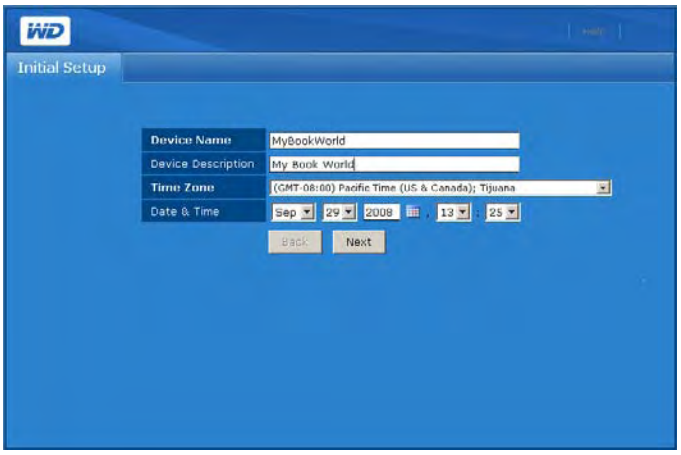


5. In the Initial Setup page, do the following:
   (a) Enter a name in the **Device Name** field (up to 15 characters, including alphanumeric and dash '-').

   Note: The device name is used to identify the storage device connected to the network. To connect more than one storage device to the same network, you must specify a unique device name for each storage device.

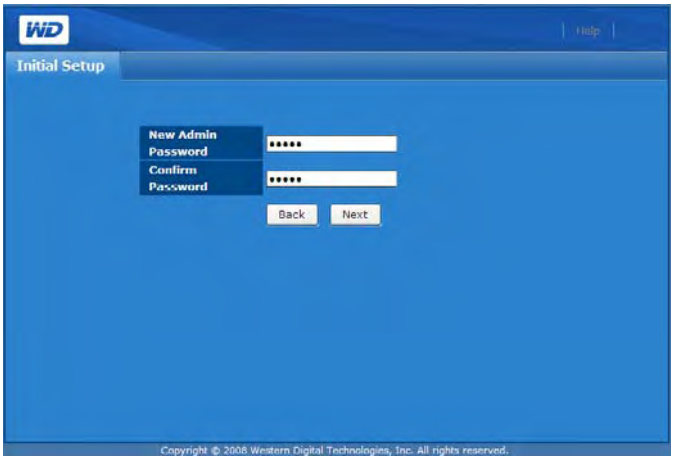
   WARNING: Renaming My Book World Edition forces all the network computers to remap their shared network resources. Change the device name only when necessary.

   (b) Enter a brief description of the device in the **Device Description** field. The maximum length of the description is 42 alphanumeric characters.
   (c) Select a time zone from the **Time Zone** list.
   (d) If necessary, adjust the date and time manually using the **Date & Time** lists.
6. Click the **Next** button.



7. Enter a new admin password in the **New Admin Password** field. The maximum length of the password is 16, including alphabetic, numeric, underscore, space, and most special characters except double-quote ("). The first and last characters cannot be a space. The password is case sensitive.

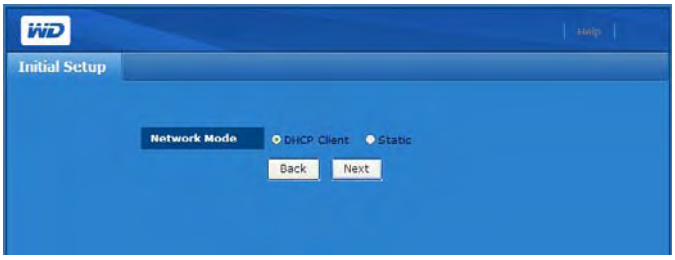
8. Retype the new password in the **Confirm Password** field. Click the **Next** button.



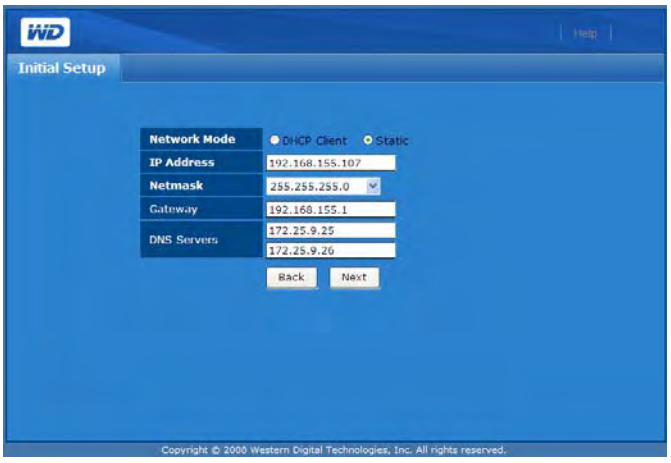
Note: If you forget your admin password, you must reset the device to its default configuration using the reset button. See “Reset Button” on page 8 for instructions.

9. Do one of the following:

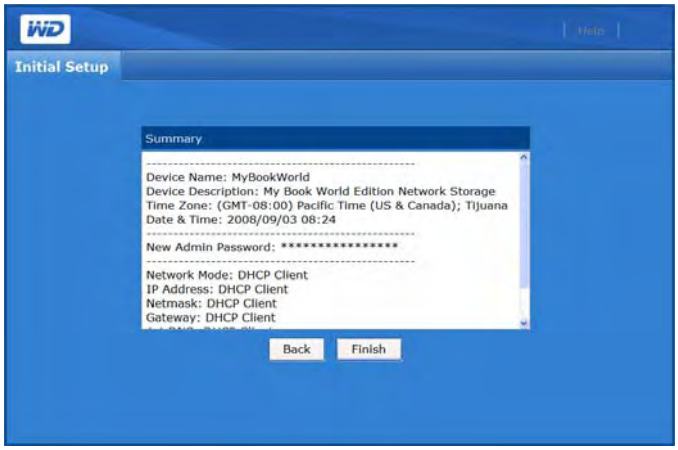
   (a) Accept the default DHCP (Dynamic Host Configuration Protocol) client settings.



   (b) If you are not using DHCP, click **Static** and manually assign the IP address. Click the **Next** button.



10. The Summary page displays. Click the **Finish** button.



Note: If you are using Windows XP, Windows Vista, or Windows 7, you may notice a warning notice bar display during the final initialization of your My Book World Edition. The bar warns that the Internet Explorer has blocked an Active X controller message. This warning disappears on its own, or you can click the **X** button to the right of the bar. This warning does not affect setting up your drive.

The login page redisplays.

Accessing My Book World Edition's Network Storage Manager

Important: You must configure My Book World Edition before using Network Storage Manager. Follow the instructions under "Configuring My Book World Edition" on page 81.

Once you have performed the initial setup, you can access the Network Storage Manager through the web user interface.

Note: Accessing and setting up the Network Storage Manager is not required to begin using your My Book World Edition.

Windows XP/Windows Vista/Windows 7

1. Ensure that the device is powered on and connected to the network.
2. If WD Discovery is not running:
3. For Windows XP click **Start>All Programs>WD Discovery Software>WD Discovery**, or double-click the WD Discovery icon on your desktop.

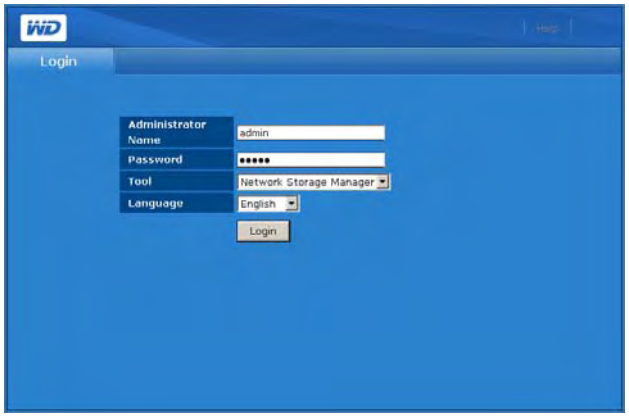
   For Windows Vista, click **Start>Programs>WD Discovery Software>WD Discovery** or double-click the WD Discovery icon on your desktop.

   For Windows 7, click the Windows icon and then **All Programs>WD Discovery Software>WD Discovery** or double-click the WD Discovery icon on your desktop.

   Click **MyBookWorld** in the **Network Drives Found** list and point to and click

Configure in the **Things To Do** list.

4. The login page appears. Type in the administrator name and password (the default password is “admin” unless it has already been changed by the administrator). In the **Tool** list, click **Network Storage Manager**. In the **Language** list, click the language for your region. Click the **Login** button.



Mac OS X

1. Turn on your computer and wait for the operating system to load.
2. Open the Safari web browser.
3. Click the Bookmarks link in the upper left corner of the screen.
4. Click **Bonjour**, and then double-click **MyBookWorld**.
5. The login page appears. Type in the administrator name and password. In the **Tool** list, click **Network Storage Manager**. In the **Language** list, click the language for your region. Click the **Login** button.

My Book World Edition’s Network Storage Manager Features

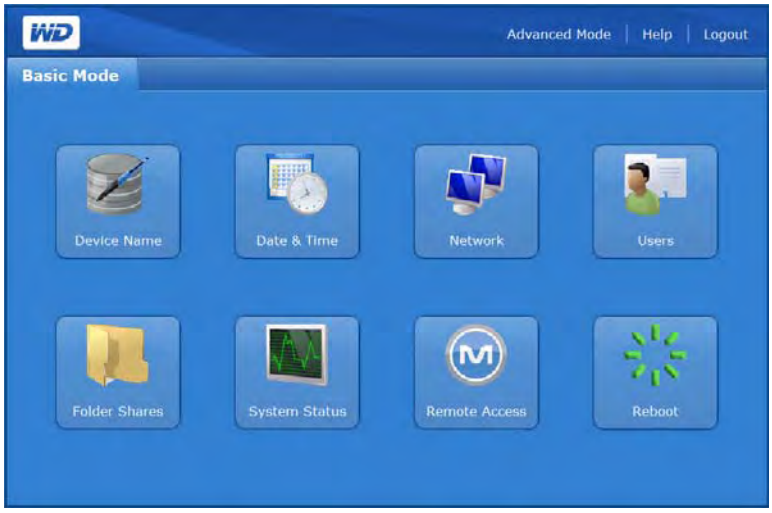
The web-based management utility includes the following features:

- **LAN access**—the device supports local area network access of the web-based user interface, enabling management from anywhere in the network.
- **Secured access**—the device can be accessed and configured by the web-based, password protected user interface over SSL (Secure Socket Layer).
- **E-mail notification**—in the event of warnings or errors related to temperatures, hard drive, network, or USB connection, administrators are automatically alerted by e-mail.
- **Multiple access levels**—users can be assigned different rights. The device supports two levels: full access and read only.
- **Update via web**—firmware updates can be downloaded and installed on the device from a computer on the LAN.
- **Disk management**—the web-based user interface allows administrators to monitor internal hard drives and USB hard drives connected to the device. Support for file sharing—allows file sharing over the network.
- **USB storage support**—allows reliable data transfer from a USB storage device to the device.
- **Support for file sharing**—allows file sharing over the network.

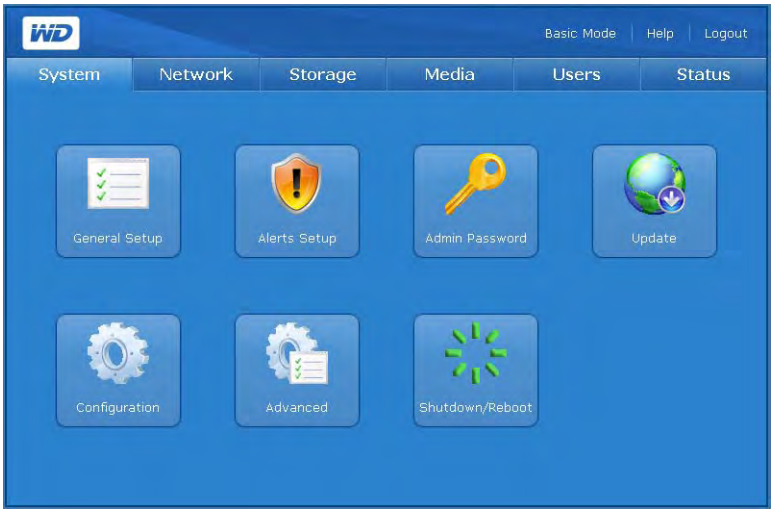
- **RAID management (My Book World Edition II)**—allows RAID configuring of the hard drives.
- **Support for Windows and Mac systems**—allows users on different platforms to share files using CIFS (Common Internet File System), NFS (Network File System), FTP (File Transfer Protocol), and AFP (Apple Filing Protocol) protocols.
- **iTunes streaming support**—enables users connected to the device to stream music to supported media adapters.
- **Twonky media server**—provides fast, convenient navigation and searching of all your media files in the Twonky user interface.
- **Remote shutdown or reboot**—allows administrators to power off or reboot the device from any computer on the LAN.
- **System log**—an efficient instrument in analyzing and solving technical issues.

User Interface Overview

The web-based user interface is designed to logically access and manage the features of the device. Upon logging in, the web user interface defaults to Basic Mode. Basic Mode provides access to the most common device configuration options.



The Advanced Mode home page includes six tabs, and each tab is subdivided into several icons providing advanced task management functions. The toolbar located on the upper right allows you to switch between Advanced Mode and Basic Mode any time.



Note: See “Network Storage Manager: Advanced Mode” on page 101 for instructions on using Advanced Mode.

Toolbar

The toolbar located on the upper right of the Network Storage Manager user interface includes the following commands.

Function	Description
Advanced	Allows you to switch the user interface from Basic to Advanced Mode.
Basic	Allows you to switch the user interface from Advanced to Basic Mode.
Help	Displays online help.
Logout	Exits the utility.

Basic Mode

The Basic Mode home page provides access to the most common configuration options.

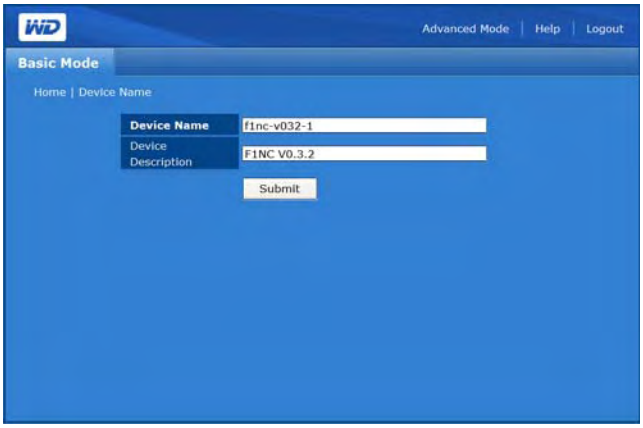
Click any of the buttons to display the available configuration options. The table below describes the options.

Category	Description
Device Name	Enter a device name and description. For more details, see “Device Name” on page 90.
Date & Time	Set the system date and time manually or set the NTP server to allow date and time to be updated automatically. For more details, see “Date & Time” on page 91.
Network	Configure the network connection. For more details, see “Network” on page 92.
Users	Create and delete user accounts and change the user password. For more details, see “Users” on page 93.
Folder Shares	Access configuration details relating to how shares are made available through this storage device. This menu also displays a list of mounted volumes and their available shares. When a USB hard drive is connected to the device, the USB hard drive displays as USB share. For more details, see “Folder Shares” on page 95.
System Status	Displays general information about the storage device, such as device name, firmware version, current date/time, system uptime, IP address, volume usage, and volume RAID type. For more details, see “System Status” on page 97.
Remote Access	Enables or disables the MioNet function. Computers running MioNet can remotely access and share files on the storage device over the Internet. For more details, see “Remote Access” on page 97.
Shutdown/ Reboot	Performs device shutdown or reboot from any computer on the local area network (LAN). For more details, see “Shutdown/Reboot” on page 100.

Device Name

Use this option to enter or change a device name and/or a description of the device. The device name is the name by which your My Book World Edition is identified on the LAN.

1. Click **Device Name** in the Basic Mode home page.
2. Enter or change the text in the **Device Name** and/or **Device Description** fields.
3. Click the **Submit** button.

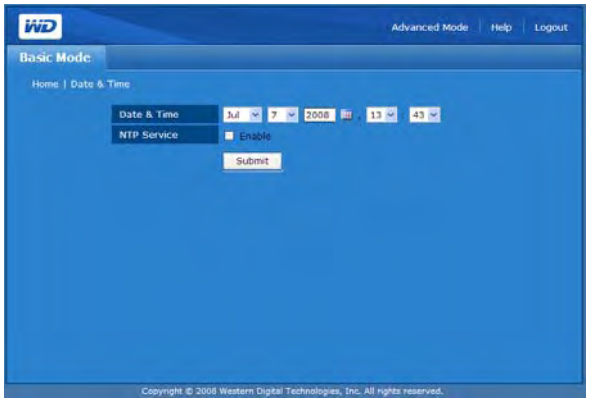


Date & Time

The date and time are synchronized automatically to the NTP (network time protocol) server by default. You have the option to set the date and time manually or allow the NTP to access the Internet to automatically set the time.

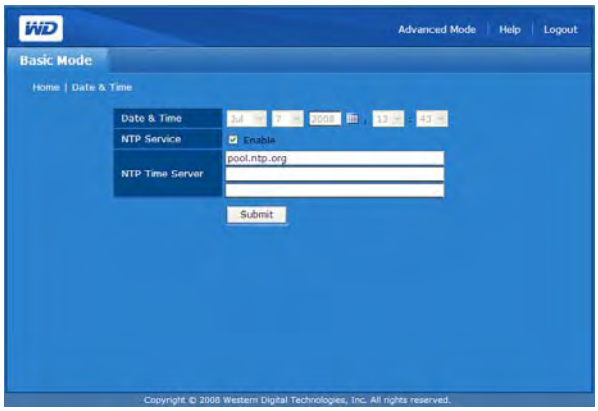
Note: Time displays in 24-hour format only.

1. Click the **Date & Time** button on the Basic Mode home page.
2. Deselect **Enable** to set the time manually.



3. To synchronize the date and time automatically, click **Enable**.

4. Click the **Submit**. button.



Network

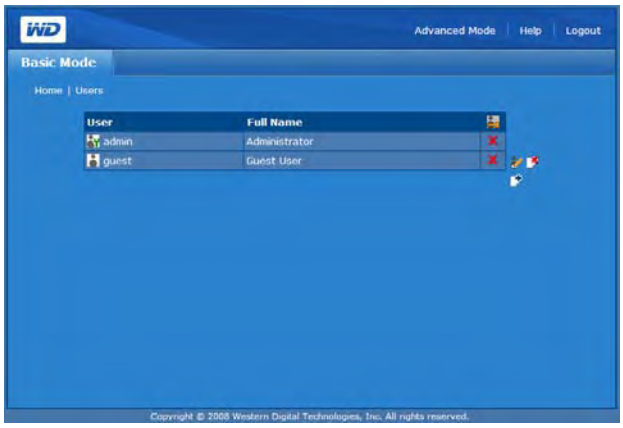
The device's network option is set to **DHCP Client** by default, which is appropriate for most environments. By selecting **Static IP**, you can manually set the IP address, netmask, gateway, and DNS (Domain Name Service) server IP address.

To configure the network settings:

1. Click the **Network** button on the Basic Mode home page.
2. In the Network Mode drop-down menu, select a network mode. Selecting **DHCP Client** as a network mode causes the device to obtain an IP address automatically from the local DHCP server. Selecting **Static IP** as a network mode requires you to enter IP information such as IP address, Default Gateway, and DNS Servers.
3. Click the **Submit** button.

Users

This option enables the administrator to control access to data on the My Book World Edition across the network by creating user accounts with specific permissions. The administrator can also edit and delete user accounts.



Users Page Icons

Icon	Description
	Private share disabled.
	Private share enabled.
	Click this icon to change the user password.
	Click this icon to delete a user.
	Click this icon to add a user.

To create a new user account:

1. Click the **Users** button on the Basic Mode home page.
2. Click the Add icon .

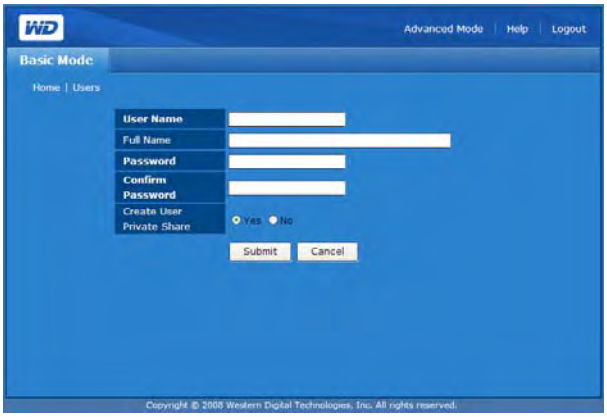
Important: We recommend that you use the same user name and password as you use to log in to Windows.

3. Enter the user name in the **User Name** field.
4. Enter the user's full name in the **Full Name** field.
5. Enter the password in the **Password** field.

Note: The password can contain up to 16 characters, including alphabetic, numeric, underscore, space, and most special characters except double-quote ("). The first and last characters cannot be a space. The password is not case sensitive.

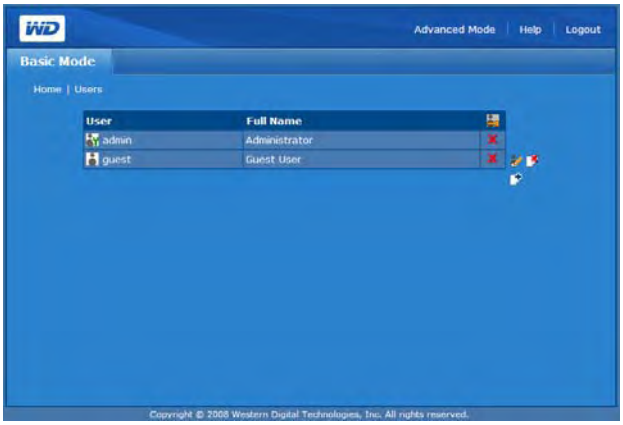
6. Re-enter the password in the **Confirm Password** field.

7. Create a private user share at the same time by clicking **Yes** next to **Create User Private Share**. The new user is granted full access to the private share. The private share name is the same as the user name.
8. Click the **Submit** button.



To change a user password:

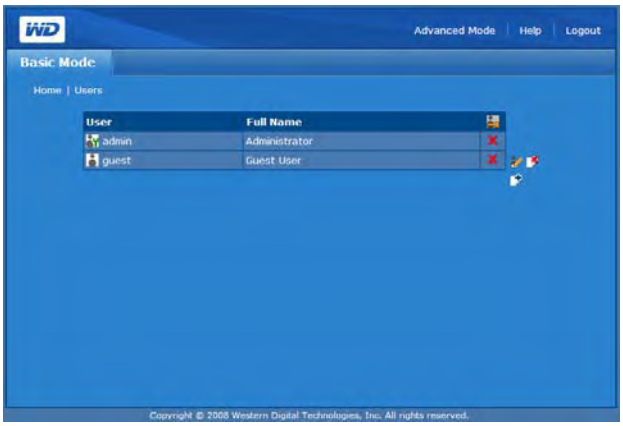
1. Click the **Users** button on the Basic Mode home page.
2. Click the Change Password icon next to the appropriate user account.



3. Make the necessary changes, and then click the **Submit** button.

To delete an existing user account:

1. Click the **Users** button on the Basic Mode home page.
2. Select the user account you want to delete, and then click the Delete icon .



3. Click **OK**.

For more user configuration options using the Network Storage Manager Advanced Mode, see “Users” on page 140.

Folder Shares

Shares are folders that can be used to organize and store files on your My Book World Edition network storage system. Shares can be shared with everyone (public) or with selected users on your network (private).

The device comes preconfigured with three shares:

- **Public**—created automatically at the factory
  - Shared Music - folder for storing music files you want to share with other users.
  - Shared Pictures - folder for storing image files you want to share with other users.
  - Shared Videos - for storing video files you want to share with other users.

  Important: Do not change or delete these default share folders. Disruption of file sharing could result. These are the default folders for the Media Server (Twonky Media) and iTunes Service. For more information on how to use Twonky media, see “Media Server” on page 138. For more information on how to use the iTunes service, see “iTunes” on page 138.

- **Download**—for saving files using Downloader (see “Download Manager: Downloader” on page 151).
- **Configuration**—this is a read-only share containing only a Help file and the login page. It is not meant for sharing or storing data and should not be modified.

The administrator can create private shares accessible only by user name and password when setting up a user account (see “To create a new user account:” on page 93), or by setting permissions on an existing share (see “Folder Share Permissions” on page 143).

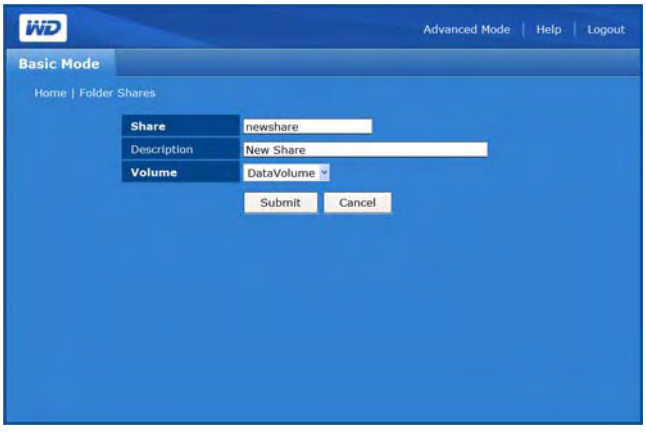
The Folder Shares menu provides access to a list of available shares.

Folder Shares Page Icons

Icon	Description
	Private share disabled.
	Private share enabled.
	Click this icon to delete a share.
	Click this icon to add a share.

To create a share:

1. Click the **Folder Shares** button on the Basic Mode home page.
2. Click the Add icon .
3. Enter a share name in the **Share** field. The share name can contain up to 32 characters, including alphabetic, numeric, or underscore characters.
4. Enter a brief description in the **Description** field.
5. Click the **Submit**. button.



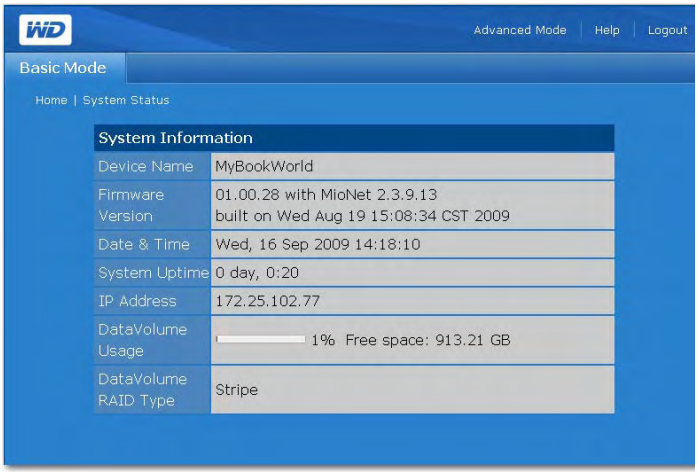
To delete existing shares:

WARNING: Deleting a share erases all data on the share. All files and folders on the share will be lost.

1. Select the share to delete.
2. Click the Delete icon .
3. Click **OK**.

System Status

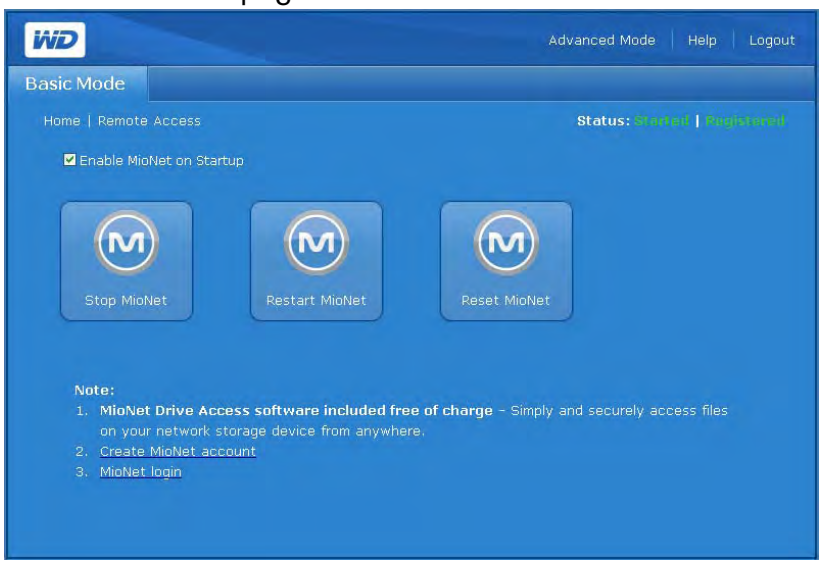
The **System Status** button displays general information about the system: device name, firmware version, current date/time, system uptime, IP address, volume usage, and volume RAID type. Click the **System Status** button on the Basic Mode home page to access system information.



Remote Access

My Book World Edition comes with MioNet enabled by default. The **Remote Access** button enables you to control the MioNet service on the storage device. If

MioNet is not already set up through the web, follow the instructions in “MioNet® Remote Access” on page 54.



MioNet Icons

- Start/Stop MioNet - Displays Stop MioNet if MioNet is running; displays Start MioNet if MioNet is stopped.
- Restart MioNet - Reboots MioNet.
- Reset MioNet - Resets MioNet account information on the My Book World Edition. If the My Book World Edition is registered to a MioNet account, that registration is erased so that the unit is now unregistered. This status is displayed in the upper right corner of the page. Any shares created by MioNet or MioNet users remain, and no data is lost. Access to these shares over the LAN requires the use of the MioNet username and password.

MioNet Service Status Messages

- MioNet service connection status
  - Started - MioNet service is started
  - Stopped - MioNet service is stopped and will start on system restart.
  - Disabled - MioNet service is disabled and will not start on system restart.

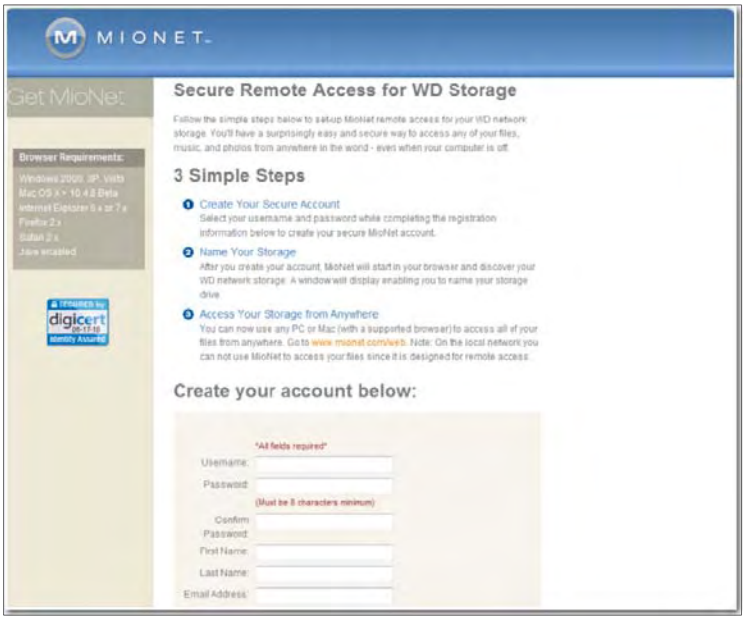
MioNet Registration Status

- Unregistered - Not currently registered to a MioNet account
- Registered - Already registered to a MioNet account

Note: A mouse-over of the registration status shows the MioNet account name if the device is registered. To register with MioNet, go to: www.mionet.com/MyBookWorld.

To register with MioNet:

1. Click the **Create MioNet account** link in the note at the bottom of the page. The MioNet web registration page displays.



2. Enter the registration information required and click the **Submit** button.

To log in to an existing MioNet account:

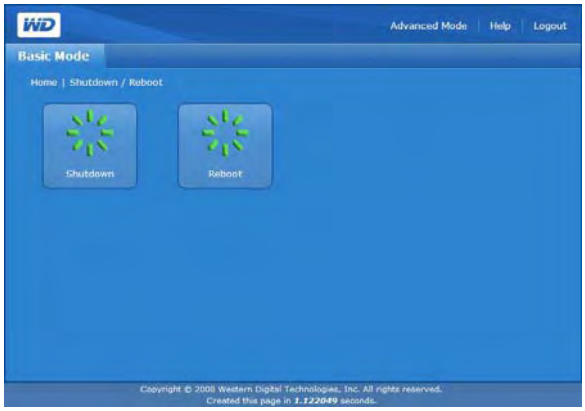
1. Click the **MioNet login** link at the bottom of the page.
2. Enter your MioNet username and password and click the **Go** button.

Shutdown/Reboot

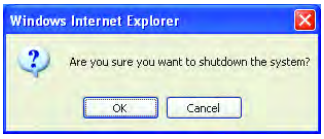
The **Shutdown/Reboot** button allows you to perform a system reboot or shutdown.

To perform My Book World Edition shutdown:

1. Click **Shutdown/Reboot** in the Basic Mode home page.
2. On the Shutdown/Reboot page, click **Shutdown**.

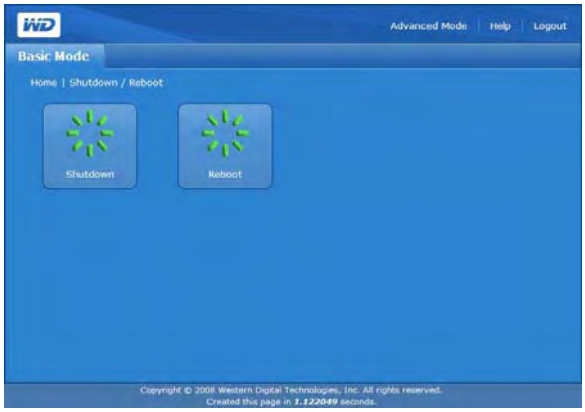


3. Click **OK**.

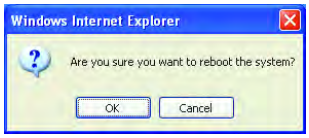


To perform My Book World Edition reboot:

1. Click the **Shutdown/Reboot** button on the Basic Mode home page.
2. On the Shutdown/Reboot page, click **Reboot**.

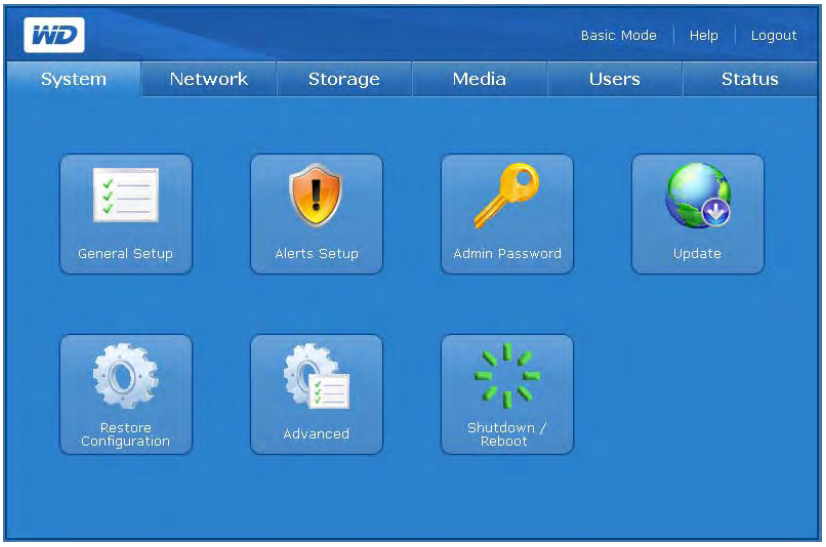


3. Click **OK**.



10 Network Storage Manager: Advanced Mode

Advanced Mode provides access to additional features not available in the Basic Mode. When in Basic Mode, click **Advanced Mode** on the toolbar to view Network Storage Manager in Advanced Mode.

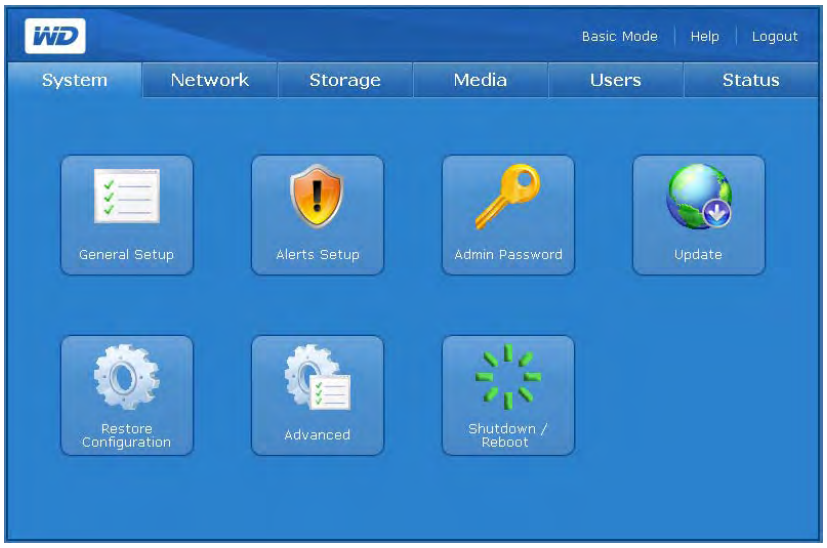


The Advanced Mode home page include six tabs, each having several buttons providing more management options for maximum flexibility and security of the device. The table below describes the tab options available in Advanced Mode.

Tab	Description
System	The System tab allows you to configure the general system settings, set e-mail or system alerts, change the administrator password, perform firmware upgrades, perform system configuration file backups, restore system to factory defaults, activate or deactivate the system LEDs, generate an SSL certificate, enable power saving, and perform device shutdown or reboot. For more details, see “System Tab” on page 102.
Network	The Network tab has access to all network configuration options, such as setting DHCP / Static mode, changing the IP address, netmask, gateway, DNS server IP address, configuring jumbo frames, and configuring membership in a domain or workgroup. For more details “Network Tab” on page 115.
Storage	The Storage tab provides a list of all supported drives on the system. It also allows you to configure the RAID capability of the hard drives (My Book World Edition II only), manage file share preferences, set the backup destination folder, set disk quotas, and set a share folder for users. For more details, see “Storage Tab” on page 122.
Media	The Media tab allows you to enable or disable the streaming option in iTunes or to access the Twonky Media server. For more details, see “Media Tab” on page 137.
Users	The Users tab allows you to add, modify, and delete users and groups, and change all user and group permissions (read/write, read only, no access) to shares/folders and USB storage devices. For more details, see “Users Tab” on page 140.
Status	The Status tab displays general information about the system such as device name, firmware version, current date/time, machine uptime, memory and swap activity, and load averages. This tab also allows viewing of logs from the system, Common Internet File System (CIFS), or File Transfer Protocol (FTP). For more details, “Status Tab” on page 147.

System Tab

The **System** tab allows you to set the system date and time, set up alerts, change the admin password, perform firmware upgrades, create a backup copy of the system files, restore system to factory defaults, generate and set up an SSL certificate, or perform system reboot or shutdown.

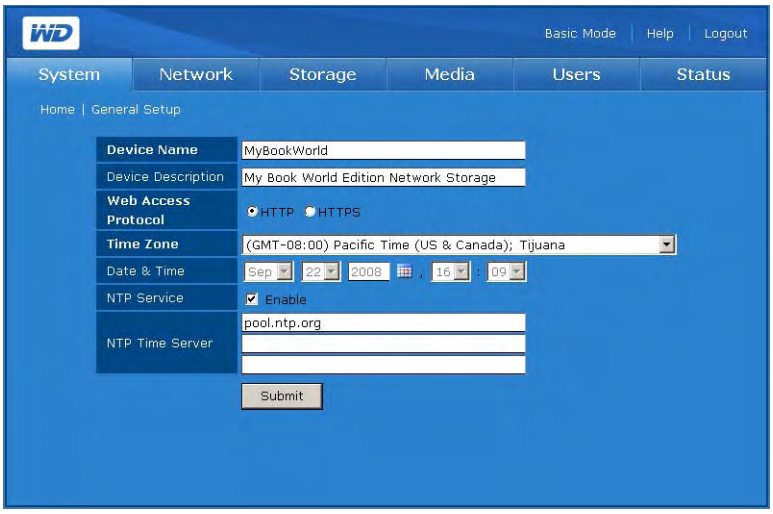


The **System** tab provides access to the following configuration options:

- General Setup
- Alerts Setup
- Admin Password
- Update
- Restore Configuration
- Advanced
- Shutdown/Reboot

General Setup

The **General Setup** button on the **System** tab allows you to perform basic configuration of the device. Here, you can change the name and description for the device, select a compatible web access protocol, and set the time zone. You can set the date and time manually or enable automatic time synchronization via NTP (Network Time Protocol) Service. You can also manually specify the IP address of the NTP servers to which you want to synchronize.



To configure system general setup settings:

1. Assign a device name for this storage device in the **Device Name** field. The device name can contain up to 15 characters, including alphabetic, numeric, and hyphens only.
2. Enter the brief description for this storage device in the Device Description field. The maximum length of the description must not be more than 256 alphanumeric characters.
3. For Web Access Protocol, select either of the following web access protocols:
   - **Hypertext Transfer Protocol (HTTP)** is a communications protocol for the transfer of information on the intranet and the World Wide Web.
   - **Hypertext Transfer Protocol over Secure Socket Layer** or **HTTPS** is a URL scheme used to indicate a secure HTTP connection. All traffic between the managing computer and the My Book World Edition is encrypted. It is syntactically identical to the http:// scheme normally used for accessing resources using HTTP. HTTPS provides a more secure means of configuring your device, but may affect the responsiveness of the user interface.
4. To set the date and time manually, deselect **Enable** next to NTP Service.
5. Select a time zone from the **Time Zone** list.
6. Adjust the date and time manually in the **Date & Time** lists.
7. Click the **Submit** button.

Alerts Setup

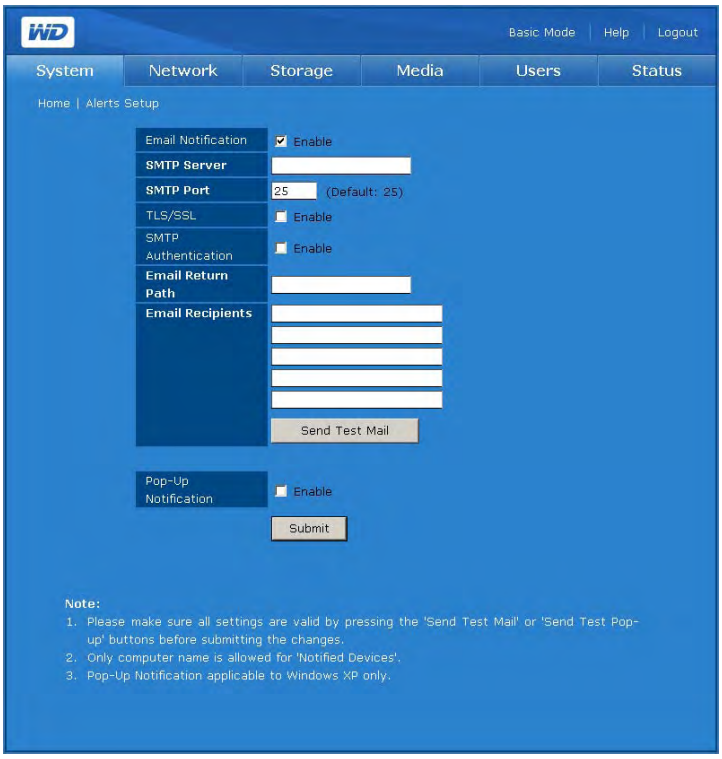
Using the **Alerts Setup** button on the **System** tab, you can configure e-mails or popup messages that provide alerts for system conditions, over temperature; hard drive, volume, network, and USB status; and user and group events. These alerts help the system administrator(s) manage and detect events or errors.

Note: E-mail alerts may not work with some ISPs using strong spam filtering. For further information, go to *support.wdc.com* and search the knowledge base for answer ID 2570.

To set up automatic e-mail notifications:

1. On the Alerts Setup page on the **System** tab, click **Enable** next to **E-mail Notification**.
2. In the **SMTP Server** field, enter the name or IP address of the SMTP server used for e-mail. (Check with your Internet Service Provider (ISP) for the SMTP server settings, which may include the SMTP port, and ask whether to enable TLS / SSL or SMTP authentication.)
3. In the **Email Return Path** field, enter a valid return e-mail address recognized by your ISP. For example, if your SMTP server is "smtp.myisp.net", then you should enter a valid return e-mail path address of the form "myname@myisp.net".
4. In the **Email Recipients** field, enter the e-mail address where you want to send an e-mail message when an event occurs. Up to five e-mail addresses can be used at a time.
5. Click **Send Test Mail** to send a test alert and confirm your settings are correct. A test message is sent to each entered e-mail address.

6. Click the **Submit** button.



To configure alerts to send pop-up messages when an event occurs:

Note: Pop-up notification only works with Windows XP.

For a list of events, see “System Events” on page 177.

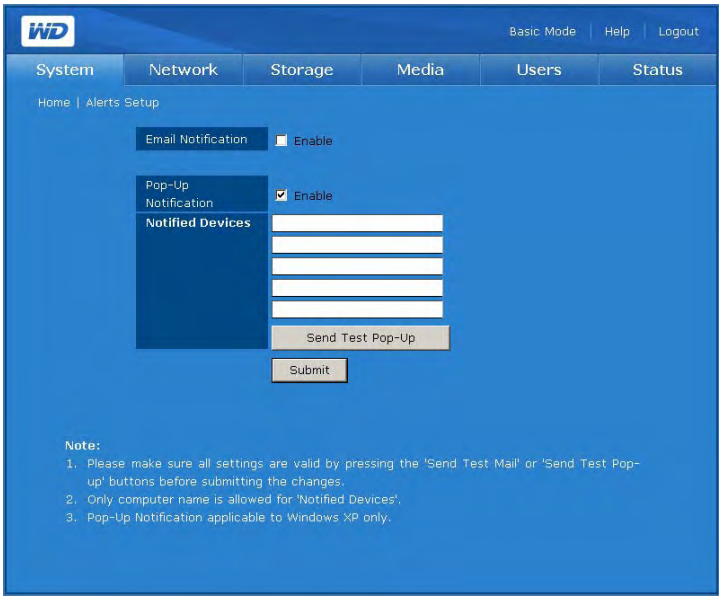
1. On the Alerts Setup page on the **System** tab, click **Enable** next to **Pop-Up Notification**.
2. Enter the name of the computer in the **Notified Devices** field. When an event occurs, a pop-up message appears on the computer. Up to five computer names can be added to the alert list.

   Note: To find the name of your computer, click **Start** and right-click **Computer** or **My Computer**, click **Properties**, and then click the **Computer Name** tab (Windows XP).

3. Click **Send Test Pop-up** to send a test alert and confirm that the settings are correct.

   Note: Make sure the Messenger Service is activated on the computers to which you want to send the pop-up message when an event occurs. To enable Messenger Service, go to **Start**>**Control Panel**>**Administrative Tools**>**Services**>**Messenger**. You can test the Messenger Service by clicking **Send Test Pop-up**. Make sure printer and file sharing is selected as an exception if the Windows Firewall is enabled.

4. Click the **Submit** button

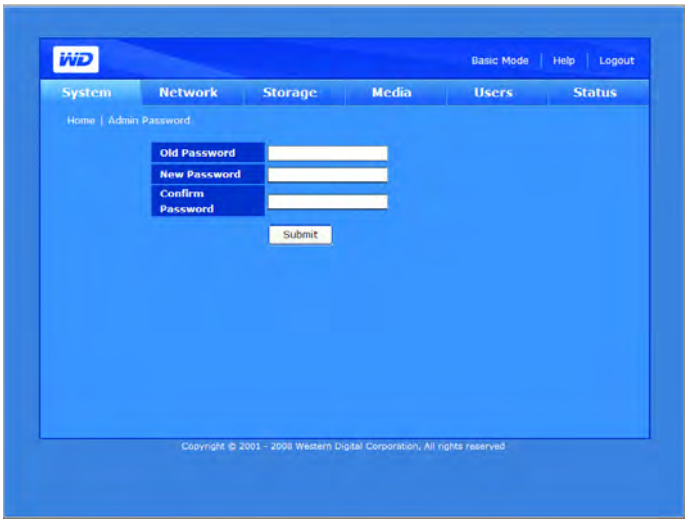


Admin Password

The **Admin Password** button on the **System** tab allows you to change the administrator's password.

To change the administrator's password:

1. Click the **Admin Password** button on the **System** tab.



2. In the **Old Password** field, enter the old password.
3. In the **New Password** field, enter the new password. The maximum length of the password is 16, including alphabetic, numeric, underscore, space, and most special characters except double-quote ("). The first and last characters cannot be a space. The password is case sensitive.
4. In the **Confirm Password** field, re-enter the new password.
5. Click the **Submit** button.

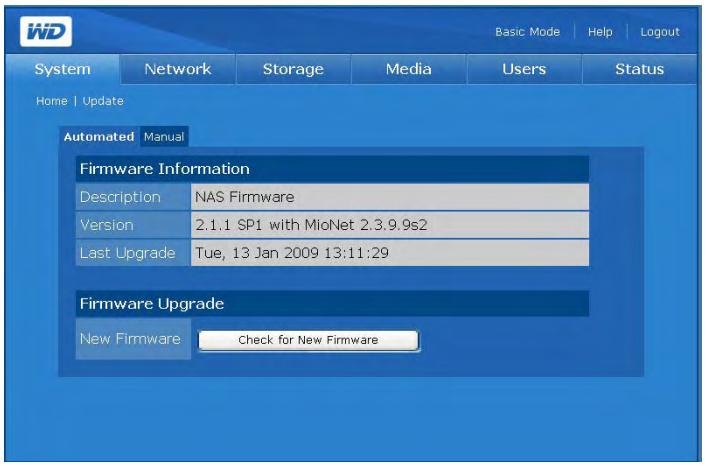
Update (Firmware)

The **Update** button on the **System** tab provides information about the current firmware version and allows you to perform a firmware update either automatically or manually.

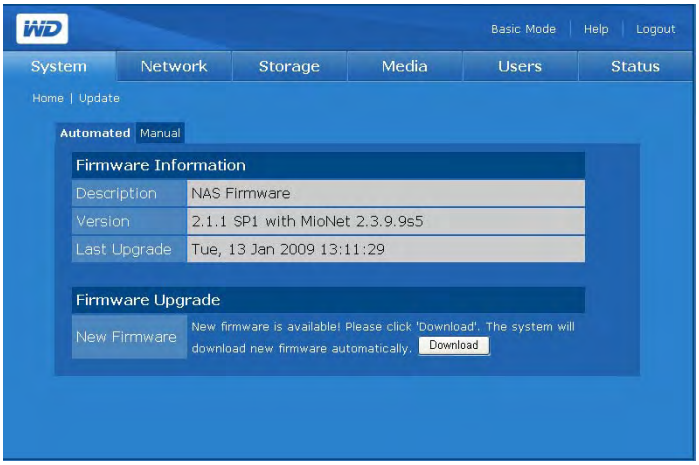
Automated

The **Automated** tab provides information about the current firmware version and connects to the WD website for automatic downloading of the latest firmware.

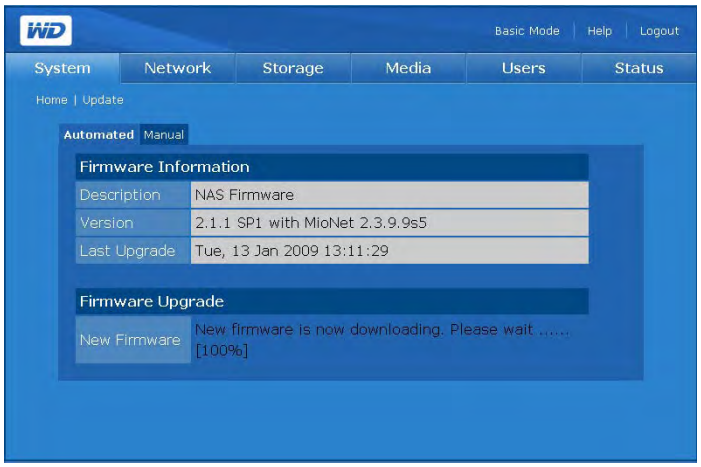
1. Click the **Update** button on the **System** tab. The Automated page displays.
2. Click **Check For New Firmware**.



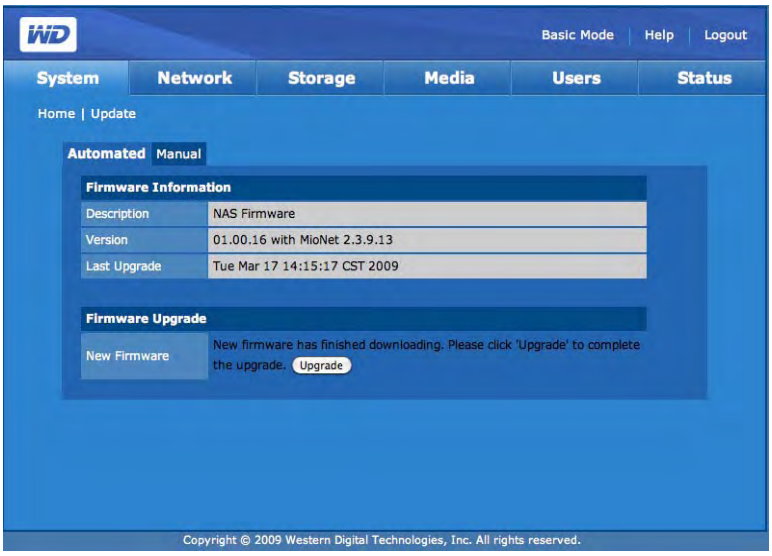
3. Click **Download** if new firmware is available.



The Network Manager page indicates progress.



When the download is finished, the following page displays:



4. Click **Upgrade**. Wait for the update process to complete.

WARNING! Do not interrupt a firmware upgrade in progress; doing so may cause the device to malfunction or render it unable to boot.

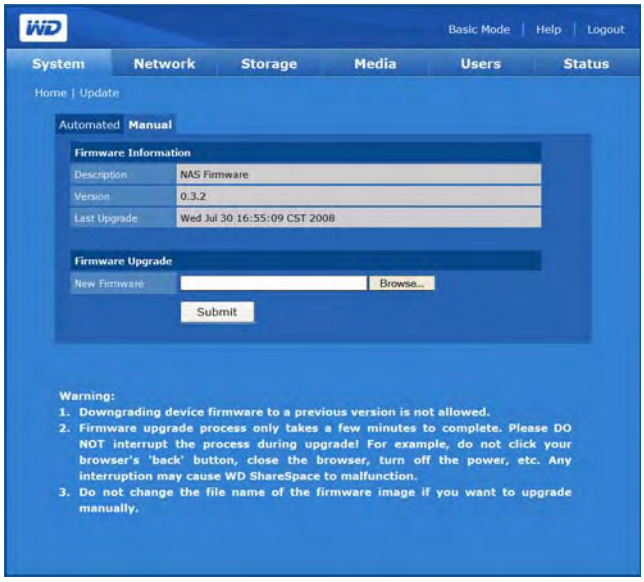
After your firmware has been updated, the device reboots. The user interface redirects to the System Information page after the update has completed.

Manual

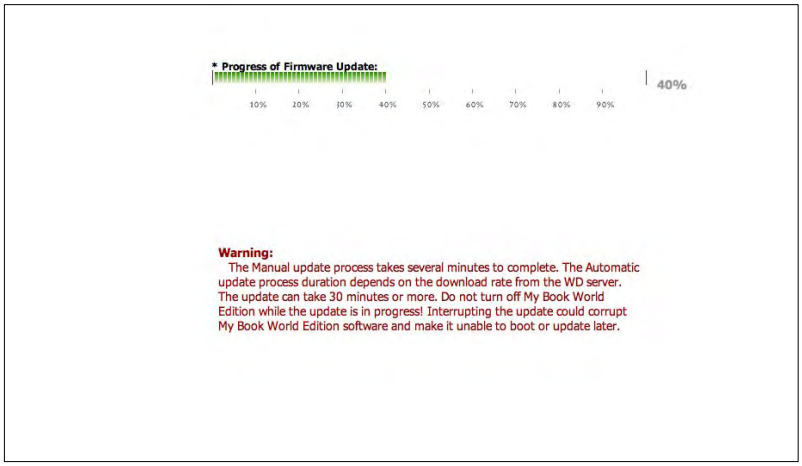
The Manual page allows you to install the firmware manually.

1. Before attempting a manual update, check *support.wdc.com* for firmware availability.
2. If a new firmware file is available, obtain it from WD Technical Support at *support.wdc.com*.
3. Save the file to a Desktop location on your computer.
4. Click the **Manual** tab on the Update page.

5. Under **Firmware Update**, click the **Browse** button and locate the firmware file you saved.
6. Click the **Submit** button.



A page with a progress bar and a warning displays.



WARNING! Do not interrupt a firmware upgrade in progress; doing so may cause the device to malfunction or render it unable to boot.

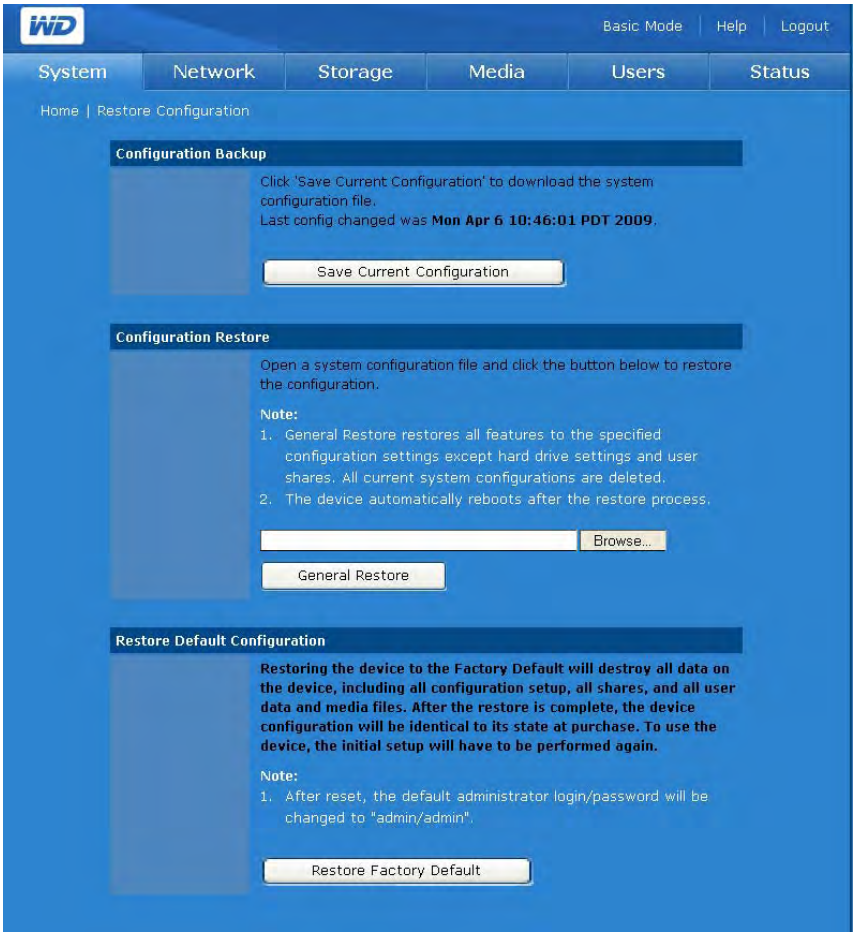
After your firmware has been updated, the device reboots. The web user interface redirects to the System Information page after the update is completed.

Note: If the IP address of your unit has changed, you need to use WD Discovery Tool to discover it again.

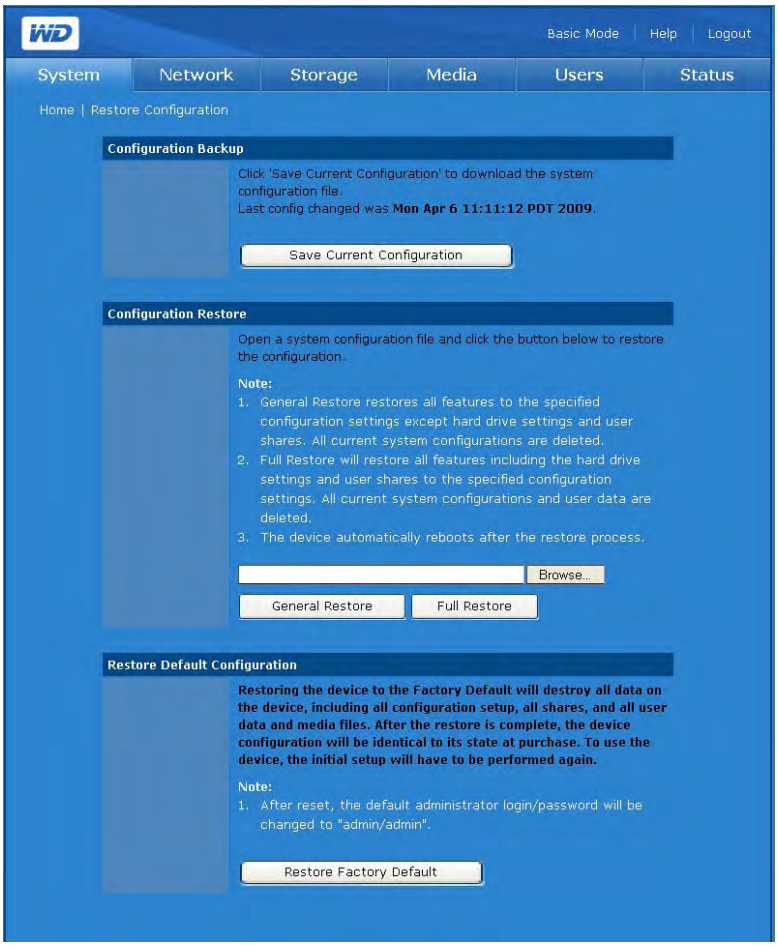
Restore Configuration

The **Restore Configuration** button on the **System** tab allows you to save or restore system configuration settings or revert to factory default settings.

The single-drive My Book World Edition displays the following page:



The My Book World Edition II (2 drives) displays the following page, which has a **Full Restore** button:



To back up the current system configuration settings:

1. On the Restore Configuration page, click **Save Current Configuration**.
2. Click **Save**.
3. Specify a file name and location for saving the file.
4. Click **Save**.

To restore saved configuration settings:

1. On the Restore Configuration page, click **Browse**.
2. Select the previously saved system configuration file.
3. Click **Open**.
4. Click **General Restore**. Selecting General Restore restores all features to previously saved settings (data volume and shares settings excepted). All current system configurations are lost.

5. *My Book World Edition II:* On the two-drive unit, you have the option of clicking **Full Restore** to restore all features, including the data volume and shares, to previously saved settings. All current system configurations and user data are lost when using **Full Restore**.
6. Click **OK**.

To restore the device to factory defaults:

Important: Save the current configuration prior to restoring the factory default settings.

Performing a factory default reset erases all settings in the My Book World Edition. System configuration resets the device to default factory settings. **All information and data will be lost.** The LAN settings (including port settings) are not changed. After the reset, the administrator login/password is changed to "admin/admin."

1. On the Restore Configuration page, click **Restore Factory Default**.
2. Click **OK**.

   During the system restore process, the system turns off the power LED and blinks the backup LED. Wait until the system restore process is completed.

Note: You cannot access the configuration web pages if you forget the administrator password, IP address setting, or device name. Use the reset button to restore these settings (including IP setting, device name, and administrator password) to factory default configuration. To use this function, press and hold the reset button on the back of the device (next to power interface) for at least 10 seconds. The system reboots automatically and you can then use the default settings to access the device.

Advanced

Configure the system for root access, SSL certificate/key, power saving, and LED control using the **Advanced** button on the **System** tab home page.

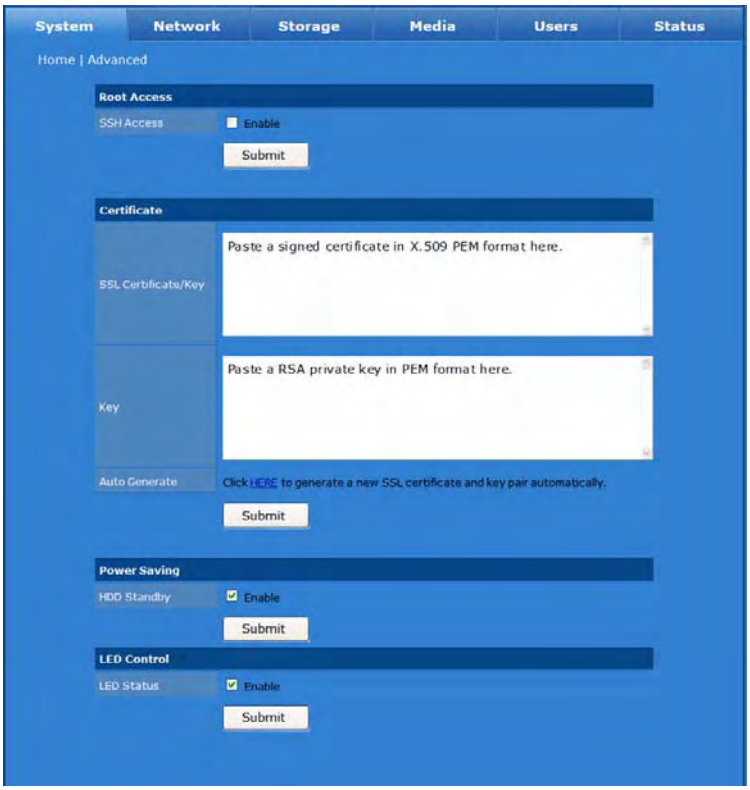
To open the Advanced page:

1. Click the **Advanced** button on the **System** tab home page.

To enable SSH access:

Secure Shell (SSH) is a network protocol that uses encryption and authentication keys to enable two devices on the network to exchange data securely. Enabling SSH access allows login to a console window using SSH for diagnostic use. The default root user password is displayed for the user.

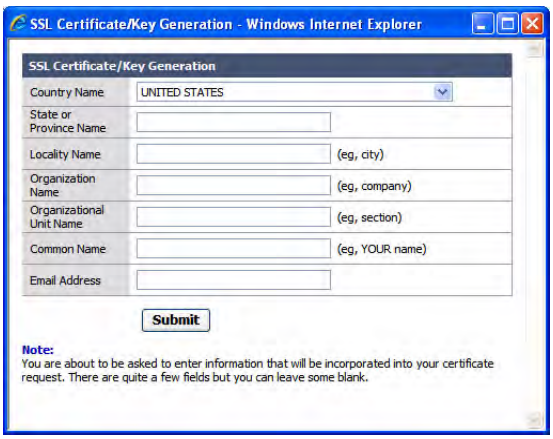
1. On the Advanced page, select the **Enable** check box under **Root Access**.
2. Click the **Submit** button.



To generate an SSL certificate and key pair automatically:

Configure the system for a secure connection by generating a key and an SSL certificate automatically or manually.

1. On the Advanced page on the **System** tab home page, click the highlighted word "**HERE**" in the Auto Generate field of the SSL certificate/key. The SSL Certificate/Key Generation dialog appears.



2. Enter the identification information you want to include in the SSL certificate/key pair, and then click the **Submit** button.

To generate an SSL certificate and key pair manually:

1. Using your preferred method, generate an RSA private key and paste it in the appropriate fields on the Advanced page.
2. Click the **Submit** button.

To disable HDD standby (enabled by default):

If the HDD Standby function is enabled, the hard drives go into standby mode to save power after a fixed period of no activity. This period varies from two to seven minutes.

1. On the Advanced page, clear the **Enable** check box next to HDD Standby.
2. Click the **Submit** button.

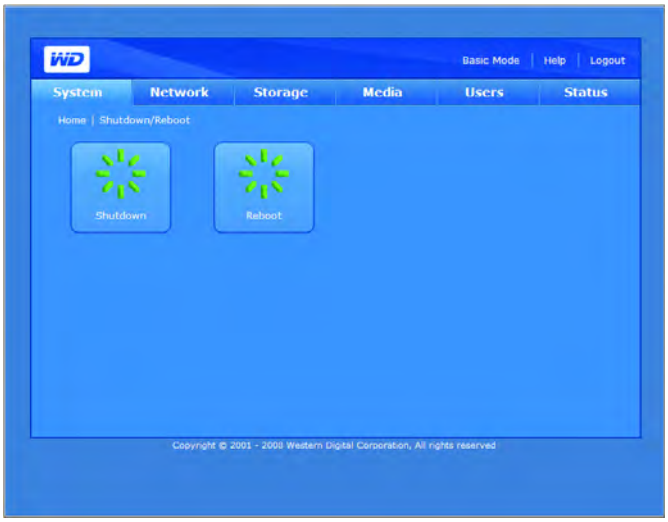
To disable LED control (enabled by default):

The LED indicator function can be enabled or disabled using LED control. LED status is enabled by default. Follow these steps to turn off LED control:

1. On the Advanced page, clear the **Enable** check box next to LED Status.
2. Click the **Submit** button.

Shutdown/Reboot

The **Shutdown/Reboot** button allows you to perform system reboot or shutdown.

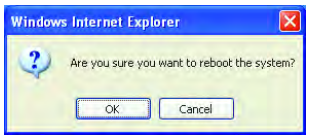


To shut down the My Book World Edition:

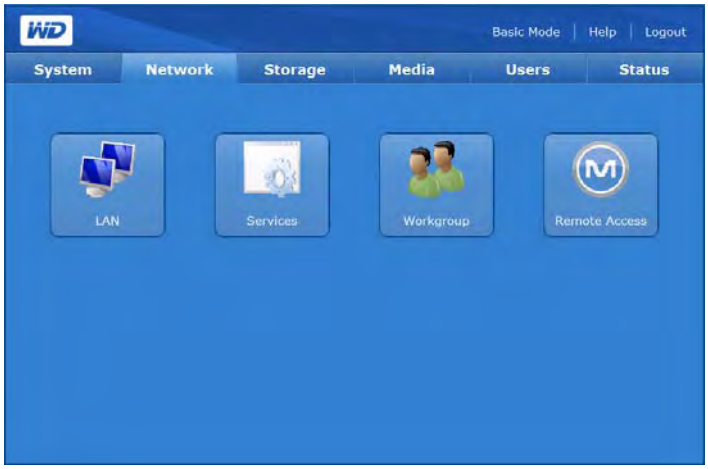
1. Click the **Shutdown/Reboot** button on the **System** tab home page.
2. On the Shutdown/Reboot page, click the **Shutdown** button.
3. Click **OK**.

To reboot the My Book World Edition:

1. Click the **Shutdown/Reboot** button on the **System** tab home page.
2. On the Shutdown/Reboot page, click the **Reboot** button.
3. Click **OK**.



Network Tab



The **Network** tab provides access to the following configuration options:

- LAN
- Services
- Workgroup
- Remote Access

LAN

The **LAN** button on the **Network** tab home page allows access to all network configuration options including setting the connection method, changing the IP address, netmask, gateway, and DNS (Domain Name Service) server IP address, as well as changing the MTU size to enable jumbo frames (My Book World Edition II only).

To configure the network settings:

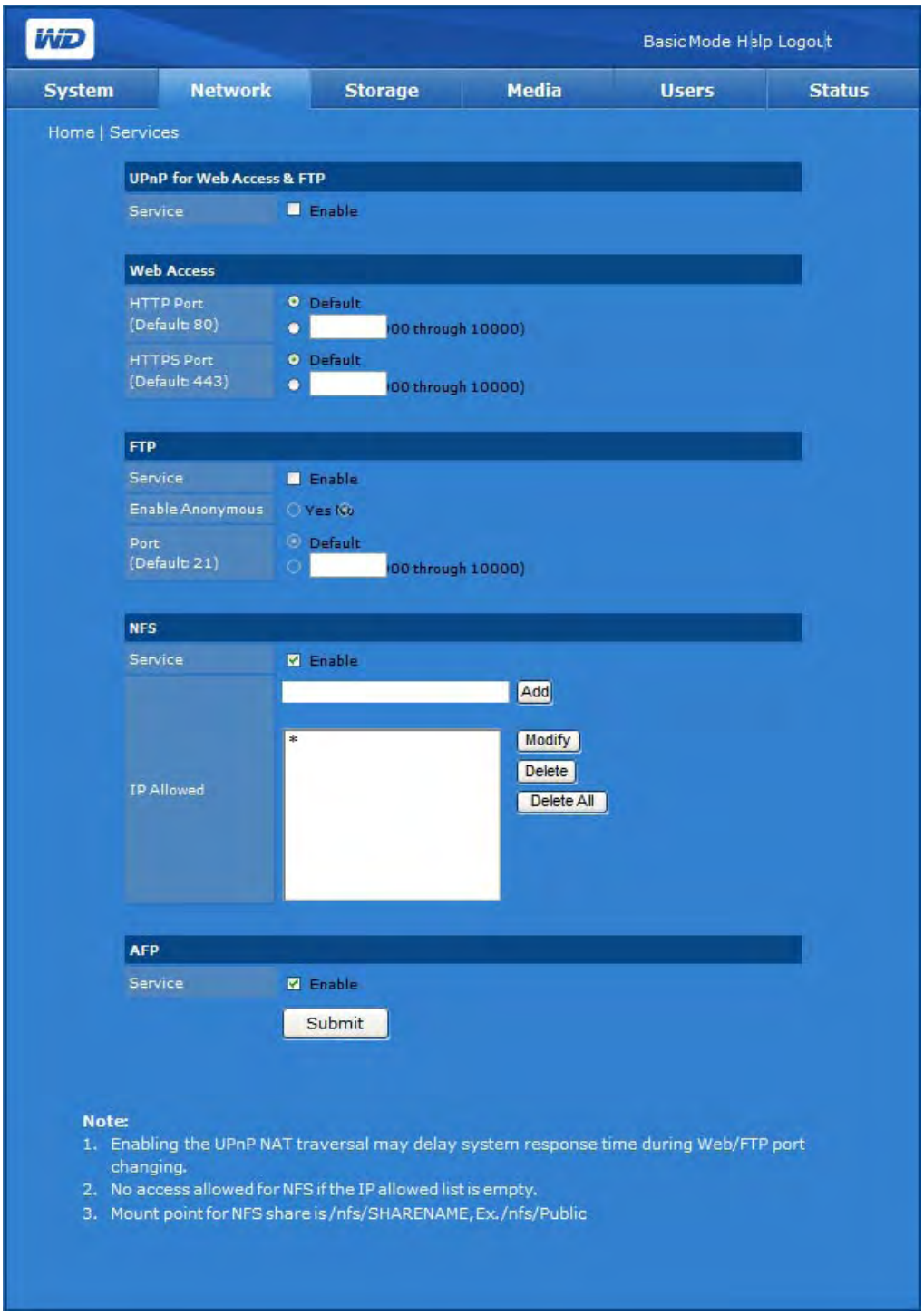
1. Click the **LAN** button on the **Network** tab home page.
2. In the **Network Mode** drop-down menu, select a network mode. Selecting DHCP Client as a network mode causes this storage device to obtain an IP address automatically from the local DHCP server. Selecting Static IP as a network mode requires you to assign IP information such as IP address, default gateway, and DNS servers.
3. If your network link speed is 1000 Mbps in the MTU Size menu, enter the MTU (Maximum Transmission Unit) value for the jumbo frame. The default MTU setting for Jumbo Frames is 1500 bytes. The network card on the client computer must support jumbo frame.

   Note: For the MTU size larger than '1500', the client machine and the network switch must also support the same MTU size. The common MTU size for jumbo frame is '9004'. The rule for calculating valid MTU is (MTU size - 1500) mod 8 = 0 ('xxx mod 8' means the value 'xxx' can be divided by 8).
   The range of valid IP addresses for each class:
   - Class A: 1.0.0.1 to 126.255.255.254
   - Class B: 128.1.0.1 to 191.255.255.254
   - Class C: 192.0.1.1 to 223.255.254.254

4. Click the **Submit** button.

Services

The **Services** button on the **Network** tab home screen allows you to set protocols for sharing files and folders on the device.



- **Universal Plug and Play (UPnP)**—Set of computer network protocols that simplifies the implementation of networks in the home by allowing devices to connect seamlessly.
- **File Transfer Protocol (FTP)**—Network protocol used to transfer data from one computer to another through a network. FTP is a popular choice for exchanging files independent of the operating systems involved.
- **Network File System (NFS)**— Network file system protocol that allows a user on a client computer to access files over a network as easily as if the network devices were attached to its local disks. Generally used on UNIX systems.
- **Apple File Protocol (AFP)**— Network protocol that offers file services for Mac computers. AFP is enabled by default.
- **Web Access**
  - **Hypertext Transfer Protocol (HTTP)**—Communications protocol for the transfer of information on the intranet and the World Wide Web.
  - **Hypertext Transfer Protocol over Secure Socket Layer** or **HTTPS**—URL scheme used to indicate a secure HTTP connection. It is syntactically identical to the http:// scheme normally used for accessing resources using HTTP.

To enable UPnP NAT Traversal for Web Access & FTP:

1. Below **UPnP for Web Access & FTP**, click **Enable** for **Service**.
2. Click the **Submit** button.

   The UPnP NAT Traversal combines with the UPnP feature and NAT feature. Universal Plug and Play (UPnP) is an architecture for pervasive peer-to-peer network connectivity of PCs and intelligent devices. The Network Address Translation (NAT) is used in gateway devices that form the boundary between the public Internet and the private LAN. As IP packets from the private LAN traverse the gateway, NAT translates a private IP address and port number to a public IP address and port number, tracking those translations to keep individual sessions intact.

To enable other network services:

1. Click **Enable** beside the desired network service.
2. If you have selected **FTP** as your network service, click **Yes** to enable or click **No** to disable anonymous login, and then click the **Submit** button.
3. If you have selected **NFS** or **AFP** as your network service, the **IP allowed** field appears. You are prompted to enter the IP filters that are allowed for NFS service. Click the **Add** button to add a new IP filter, and then click the **Submit** button.

   Note: In **IP Allowed** field of NFS service, '*' means allow all IP addresses. If you intend to allow specified IP addresses or range, please modify '*' in **IP Allowed** field.
   Mount point for NFS share is /nfs/SHARENAME, Ex. /nfs/Public.

4. You can specify particular port numbers for **HTTP**, **HTTPS**, and **FTP** services respectively. Instead of selecting **Default**, you can specify the port number between 8000 and 10000 for each service.

To access data via FTP:

You can access data in a shared folder on My Book World Edition with a widely used FTP client software program. An FTP client software program must be installed on the computer you are using to access the device, and FTP service must be enabled on the My Book World Edition (see "To enable other network services:" on page 118 and "To modify properties of the share:" on page 131 for details).

1. Open an FTP client software program.
2. Enter ftp://username@IP address as the host name (e.g., ftp://admin@172.25.102.67) or just the device's IP address depending on the FTP client software program you are using.

   Note: Click **System Status** in either the basic or Advanced Mode to view the device's IP address.

3. Enter the My Book World Edition user name and corresponding password.
4. Click the **Connect** or **OK** button.

You can now upload files to or download files from My Book World Edition across the LAN. It is possible to upload files to or download files from My Book World Edition across the Internet (WAN), but this requires custom router configuration and is recommended only for advanced users.

Workgroup

The **Workgroup** button on the **Network** tab home page allows you to set up the network storage device as a workgroup or a domain member. The default setting is Workgroup.

Domains are controlled from a central location (domain controller) and require central authentication before you can join them. Workgroups, in contrast, are much simpler to control. As long as you know the workgroup name, you can add any computer to a workgroup.

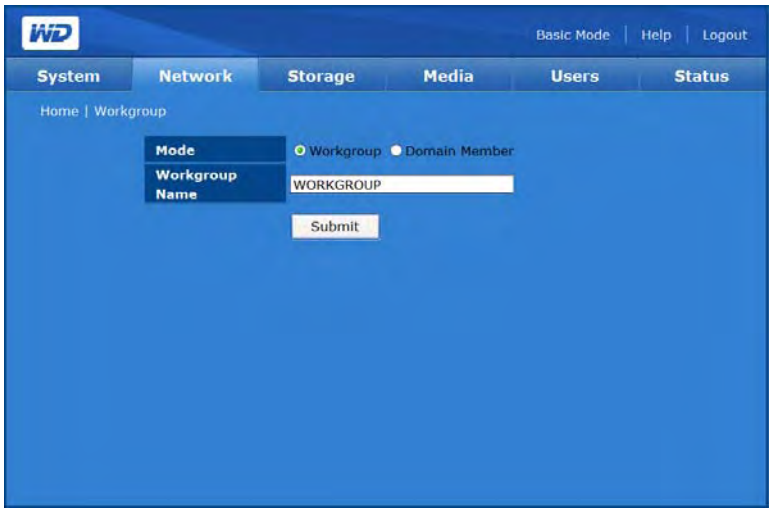
If your network uses a domain (has a Windows 2003 Active Directory Service (ADS), you may wish to connect this device as a domain member. When configured as a domain member, the device asks the ADS to authenticate users. Therefore, as a domain member, the device provides user-level security.

ADS enables the administrator to manage users' permissions in a central location and to propagate these permissions to multiple devices. For example, any device that has a domain on ADS inherits the user list and associated permissions.

When joining a domain, the device must be authorized by the domain's administrator. You must enter the fully qualified Domain Name, Domain Controller IP Address, Domain Administrator Name, and Domain Administrator Password for the authorization.

To set up a workgroup name:

1. Click the **Workgroup** button on the **Network** tab home page.
2. Click **Workgroup** as the **Mode** option.
3. Enter a name for your workgroup in the **Workgroup Name** field.
4. Click the **Submit** button.

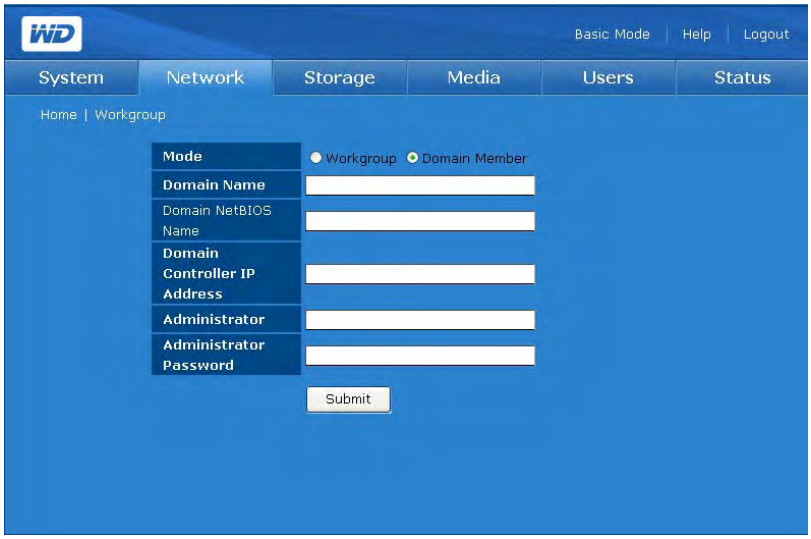


To join a domain (Windows 2003 Server only):

1. Click **Domain Member**.
2. Enter the domain name in the **Domain Name field**.
3. Enter the domain controller IP address in **Domain Controller IP Address** field.
4. Enter the domain administrator name in the **Administrator** field.
5. Enter the domain administrator password in the **Administrator Password** field.

Note: The local user and domain user share the same access control rights if the user name of the local and domain users are the same (FTP service excluded).

6. Click the **Submit** button.



When the process is complete, a confirmation message appears.

If changes are made at the Active Directory server to either users or groups or both, you can manually update the list on the WD My Book World Edition. (See “Folder Share Permissions” on page 143.)

Remote Access

My Book World Edition comes with MioNet enabled by default. The **Remote Access** button on the **Network** tab home page allows you to control the MioNet service on the storage device, If MioNet is not already installed on the client computer, follow the instructions in “MioNet® Remote Access” on page 54.

MioNet Icons

- Start/Stop MioNet - Shows Stop MioNet if MioNet is running; shows Start MioNet if MioNet is stopped.
- Restart MioNet - Stops MioNet if it is running and starts it again.
- Reset MioNet - Resets all MioNet account information on the My Book World Edition. If the My Book World Edition is registered to a MioNet account, that registration is erased so that the unit is now unregistered. This status is displayed in the upper right corner of the page. Any shares created by MioNet or MioNet users remain, and no data is lost. Access to these shares over the LAN requires the use of the MioNet username and password.

MioNet Service Status Messages

- MioNet service connection status
  - Started - MioNet service is started
  - Stopped - MioNet service is stopped and will start on system restart.
  - Disabled - MioNet service is disabled and will not start on system restart.

MioNet Registration Status

- Unregistered - Not currently registered to a MioNet account
- Registered - Already registered to a MioNet account

Note: A mouse-over of the registration status shows the MioNet account name if the device is registered. To register with MioNet, go to: www.mionet.com/MyBookWorld.

You can create a new account or log in to an existing account on this page. (For more information about MioNet, see “MioNet® Remote Access” on page 54.

To register a new Web account with MioNet:

1. Click the **Create MioNet account** link in the note at the bottom of the page. The MioNet registration page displays.
2. Enter the registration information required and click the **Submit** button.

To log in to an existing MioNet account:

1. Click the **MioNet login** link at the bottom of the page.
2. Enter your MioNet username and password and click **Go**.

Storage Tab

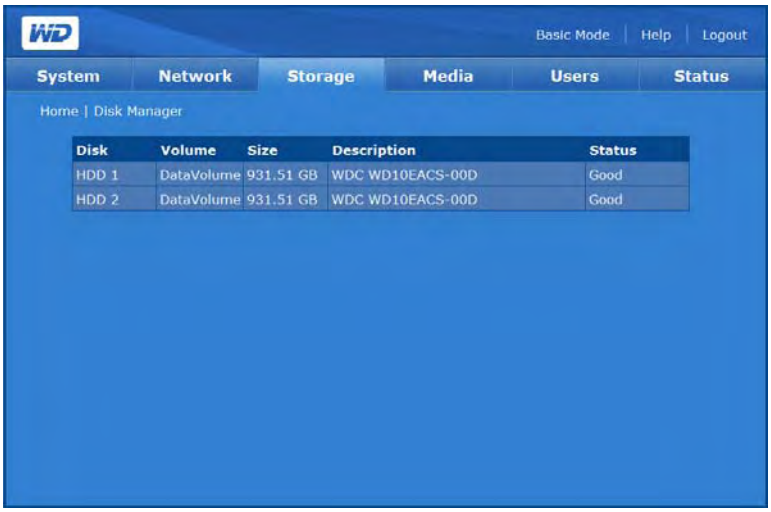
The **Storage** tab provides all necessary options required for individual storage disk configuration and maintenance. This tab also includes an option to change the system’s RAID configuration (My Book World Edition II only), set a share name, and format and safely remove the USB hard drives connected to the system.

The Storage tab provides the following configuration options:

- Disk Manager
- Volumes & RAID Management
- Folder Shares
- USB Shares
- Quota
- Downloads

Disk Manager

The **Disk Manager** button on the **Storage** tab home page displays the installed hard drives in the device. This page also displays detailed information about the hard drives, such as disk size, disk description, and status.



Drive status messages include the following:

- **Good**—Indicates the hard drive is accessible and functioning normally.
- **Failed**—Indicates a fatal error has occurred on the hard drive(s). See “Replacing a Drive (My Book World Edition II)” on page 169 for drive replacement instructions.
- **Foreign**—Indicates the device has detected a hard drive that was used on another computer.

To clean up disk:

If the hard drive is foreign or used, the Clean Disk icon appears on the right side of the Disk Management table. Clean Disk erases the previous partition to allow creation of a new volume.

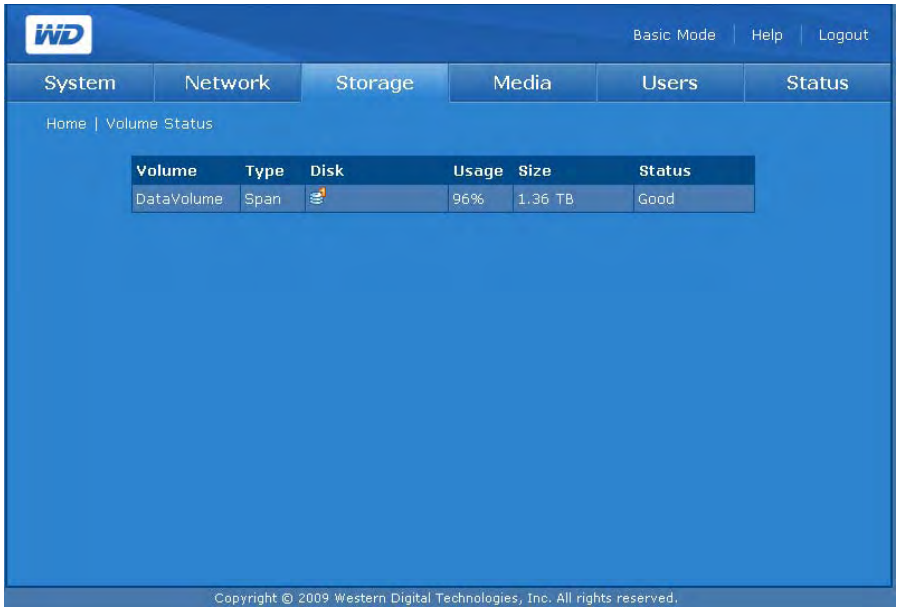
To safely remove disk:

If the hard drive is not part of an existing volume, the Safely Remove Disk icon appears on the right side of the Disk Management table and allows you to safely remove the drive.

Volumes and RAID Management

The **Volumes and RAID Management** button on the **Storage** tab home page provides one tab, **Volume Status**, for the My Book World Edition and two tabs, **Manage Volume and Manage RAID**, for the My Book World Edition II.

Manage Volume (My Book World Edition)



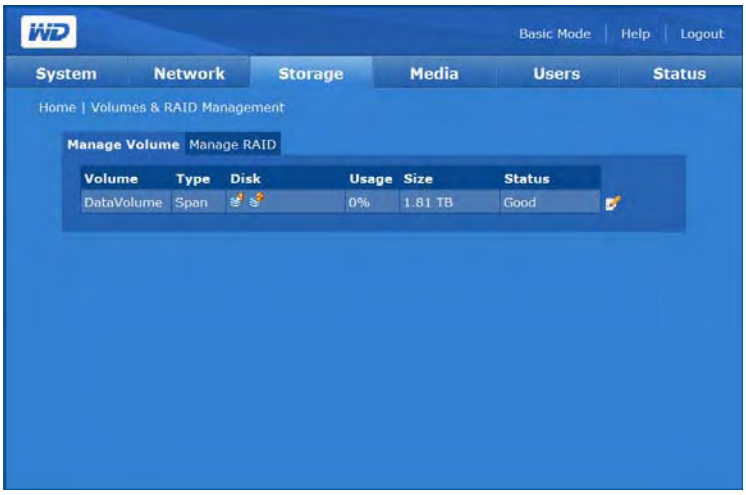
The Volume Status page lists all the volumes available on the device and provides detailed information about each volume such as volume name, volume type, disk or disks associated with the volume, usage, total size, and volume status.

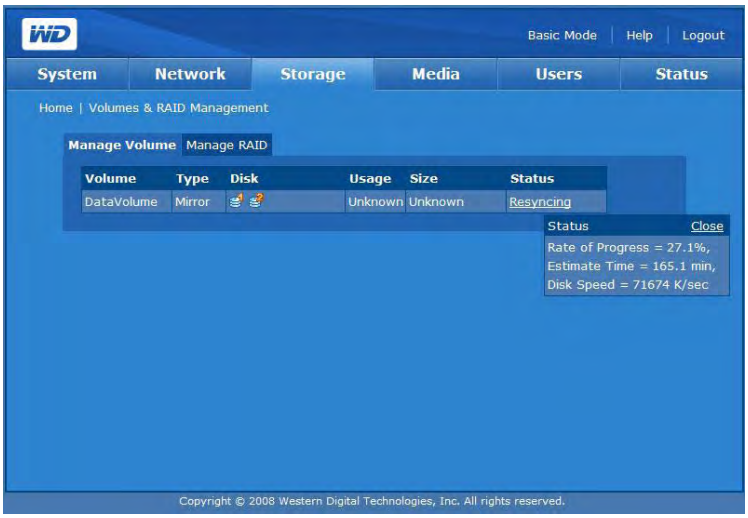
Volume status messages include the following:

- **Good**—Indicates the volume is accessible and hard drive is functioning normally.
- **Failed**—Indicates a volume cannot be started automatically, the disk may be damaged or the file system may be corrupt.
- **Formatting**—Indicates volume is being formatted or system is creating an ext3 (third extended) file system for a Linux operating system.

Manage Volume (My Book World Edition II)

The **Manage Volume** tab lists all the volumes available on the device and provides detailed information about each, such as volume name, volume type (RAID type), disk or disks associated with the volume, usage, total size, and volume status.





Note: For My Book World Edition II, if the volume RAID type is JBOD and there are new disks in the system, the Extend icon appears on the side of the Manage Volume table.

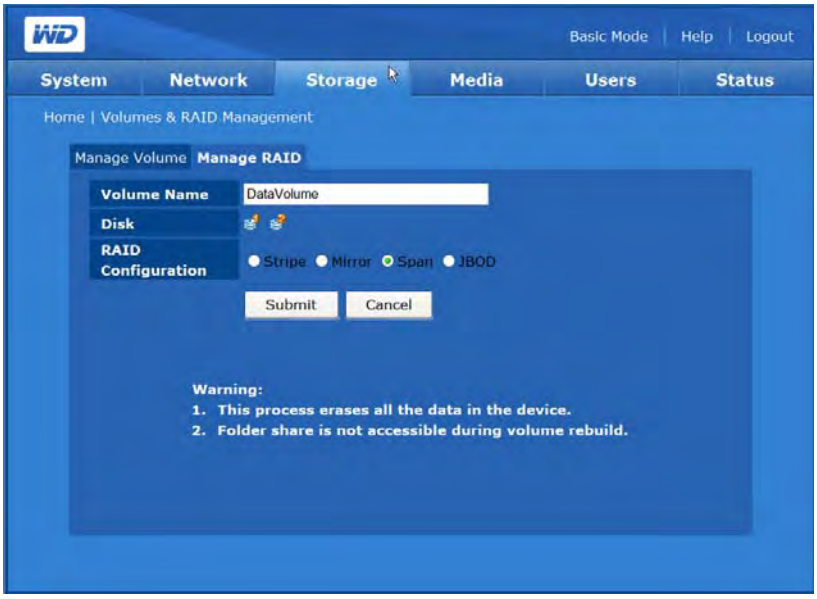
Volume status messages include the following:

- **Good**—Indicates the volume is accessible and hard drive is functioning normally.
- **Failed**—Indicates a volume cannot be started automatically, the disk may be damaged or the file system may be corrupt.
-
- **Formatting**—Indicates volume is being formatted or system.

Manage RAID (My Book World Edition II)

Configure RAID on the hard drives using the **Manage RAID** tab on the Volume & RAID Management page. The default RAID configuration is RAID 1 (Mirrored).

WARNING! Changing the RAID configuration causes all volumes and data to be lost.



RAID (Redundant Array of Independent Drives) refers to an array of multiple independent hard drives that provide high performance and reliability. RAID function depends on the number of drives present and the RAID level selected.

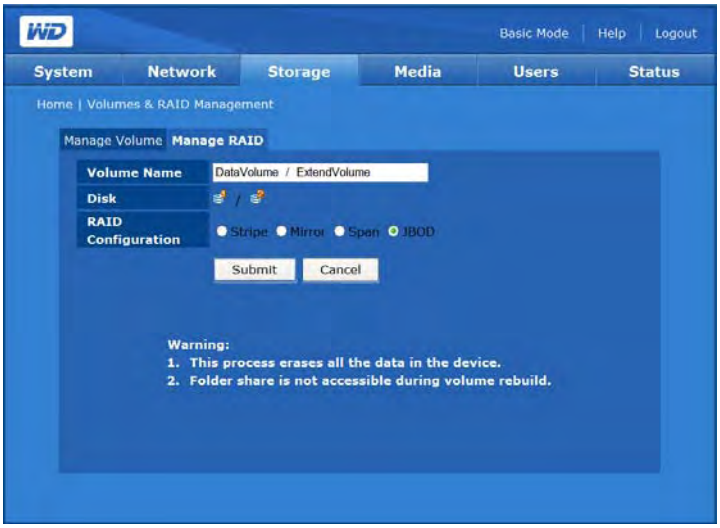
The My Book World Edition supports the following RAID levels:

- **RAID 0 (Striped)**—Provides data striping (spreading out blocks of each file across multiple hard drives) but no redundancy. This improves performance but does not deliver fault tolerance. If one drive fails then all data in the array is lost.
- **RAID 1 (Mirrored)**— Provides disk mirroring. Mirroring creates an exact copy (or mirror) of a set of data on two drives, which increases reliability compared to a single drive. If either drive fails, the other continues to function as a single drive until the failed drive is replaced. Note this RAID type has the highest disk overhead (100%) of all RAID types.
- **Span (Spanned)**—Combines drives into a linear fashion to create one large logical volume. Unlike RAID 0, which “stripes” all data bitwise to both drives, the volume is linear across both drives. A spanned drive is literally like a single bigger drive, in that files written to the volume earlier go to the “beginning” of the volume, on the first physical drive. As the volume fills, files written later are written toward the “end” of the volume, on the second drive. Like RAID 0, no data redundancy is provided. If one of the drives fails, all data is lost.
- **JBOD (Just a Bunch of Disks)**—In JBOD mode, two drives are provided as two separate volumes. This is the only mode on the My Book World Edition II for which there are two data volumes. If one of the drives in a JBOD volume fails, only the user data on that volume is lost.

To configure the Manage RAID tab:

Warning: Be sure to back up all data before configuring RAID. All data stored in the hard drive is lost when changing the RAID configuration.

1. Click the **Manage RAID** tab on the Volumes & Raid Management page.
2. Select a RAID configuration:
   - DataVolume is the default volume.
   - If the volume RAID type is JBOD and there are new disks in the system, the Extend icon appears on the side of the Volume Management table.
3. Click the **Submit** button.



Manage RAID Options (My Book World Edition II)

Any existing mode can be changed to any other available mode using the Manage RAID option. The following table provides the available modes and data availability for a My Book World Edition II with one drive after adding a second drive.

Starting Configuration	Ending Configuration	User data condition after second drive added
JBOD (1 Volume)	Spanned (Linear)	Deleted
JBOD (1 Volume)	JBOD (two volumes)	Still available
JBOD (1 Volume)	RAID 0 (Striped)	Deleted
JBOD (one volume)	RAID 1 (Mirrored)	Deleted
RAID 1 (Mirrored)	Spanned (Linear)	Deleted
RAID 1 (Mirrored)	JBOD (two volumes)	Deleted
RAID 1 (Mirrored)	RAID 0 (Striped)	Deleted
RAID 1 (Mirrored)	RAID 1 (Mirrored)	Still available after rebuild

All “1 Drive” configurations for the My Book World Edition II are considered “Degraded” RAID modes. When a drive fails in a My Book World Edition II with two drives, the following table applies regarding the user data on the remaining good drive.

Starting Configuration	User data condition after one drive fails
Span (Linear)	All user data is lost
JBOD	User data on good drive still accessible
RAID 0 (Striped)	All user data is lost
RAID 1 (Mirrored)	User data on good drive still accessible, but with no data redundancy

Folder Shares

Shares are folders that can be used to organize and store files on your My Book World Edition. They can be shared with everyone (public) or with selected users on your network (private).

The device comes preconfigured with three shares:

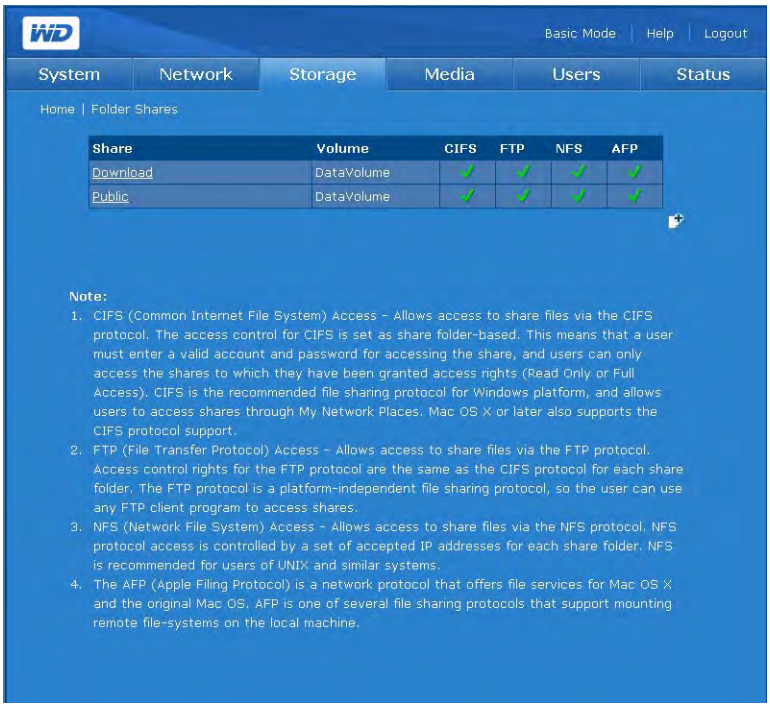
- **Public**—created automatically after initial setup
  - Shared Music - folder for storing music files you want to share with other users.
  - Shared Pictures - folder for storing image files you want to share with other users.
  - Shared Videos - folder for storing video files you want to share with other users.

  Important: Do not change folder names or delete these default share folders. Disruption of file sharing could result. These are the default folders for the Media Server (Twonky Media) and iTunes Service. For more information on how to use Twonky media, see “Media Server” on page 138. For more information on how to use the iTunes service, see “iTunes” on page 138.

- **Download**—For saving files using Downloader (see “Download Manager: Downloader” on page 151).
- **Configuration**—Read-only share containing only a Help file and the login page. It is not meant for sharing or storing data and should not be modified.

When setting up a user account, the administrator can create private shares accessible only by user name and password (see “To create a new user account:” on page 93), or by setting permissions on an existing share (see “Folder Share Permissions” on page 143).

The **Folder Shares** button on the **Storage** tab home page provides access to a list of available shares.

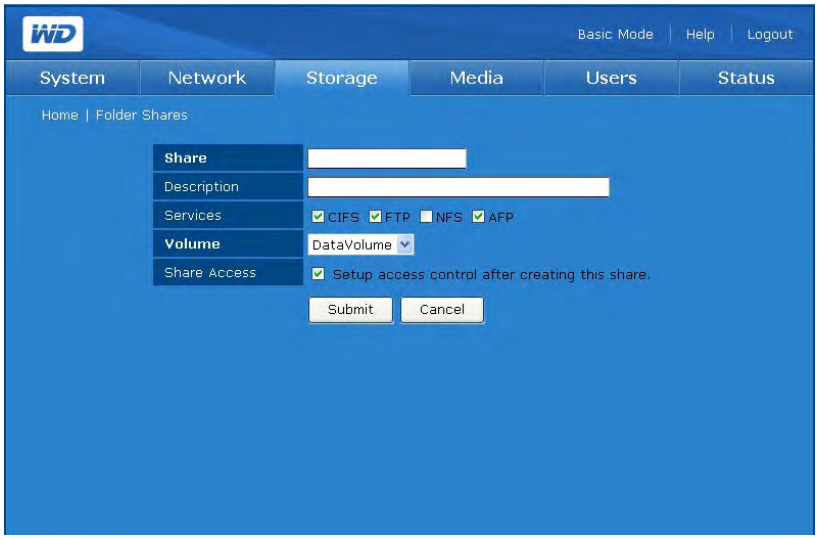


USB share naming corresponds to the following configuration:
usb1-<port number>share<partition number>

The port number is always “1” since My Book World Edition has only one USB port.

To create a share:

1. Click the Add icon to display the following screen:



2. Enter a share name in the **Share** field. The share name can contain up to 32 characters, including alphabetic, numeric, or underscore characters.
3. Enter a brief description in the **Description** field.

4. Click a file sharing protocol next to **Services**. The My Book World Edition supports the following file sharing services (protocols):
   - **CIFS (Common Internet File System)** - Allows access to share files via the CIFS protocol. The access control for CIFS is set as share-based. This means that a user must enter a valid account and password for accessing the share, and users can only access the shares to which they have been granted access rights (Read Only or Full Access). CIFS is the recommended file sharing protocol for Windows platform, and allows users to access shares through My Network Places. Mac OS X or later also supports the CIFS protocol.
   - **File Transfer Protocol (FTP)** - a network protocol used to transfer data from one computer to another through a network, such as the Internet, using an FTP client program. FTP is a popular choice for exchanging files independent of the operating systems involved.
   - **Network File System (NFS)** - a network file system protocol that allows a user on a client computer to access files over a network as easily as if the network devices were attached to its local disks.

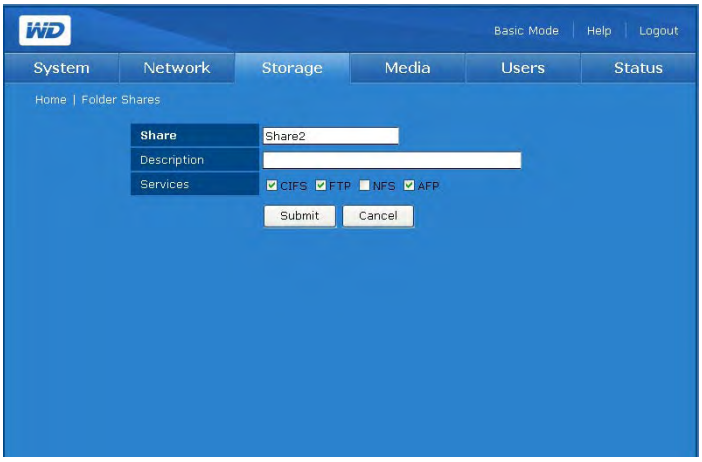
     Note: For FTP and NFS, enable manually on the Advanced Mode Network Services page.

   - **Apple Filing Protocol (AFP)** - the network protocol for sharing files and file services in an AppleTalk network.
5. Select a logical volume you want to share from the **Volume** list (default is DataVolume).
6. (Optional) Click **Setup access control after creating this share** to enable access control for the new share. My Book World Edition II has an Extended Volume option with JBOD. For more information, see “To edit the access rights of users or groups:” on page 144.
7. Click the **Submit** button.

To modify properties of the share:

Note: Properties for the Public and Download shares cannot be modified or deleted.

1. On the initial **Folder Shares** list, select the share you want to modify, and then click the Modify icon .



2. Edit the share name if desired. The share name can contain up to 32 characters, including alphabetic, numeric, or underscore characters.

3. Edit the brief description if desired.
4. Select a file sharing protocol.
5. Click the **Submit** button. The initial Folder Shares page returns.

To delete existing shares:

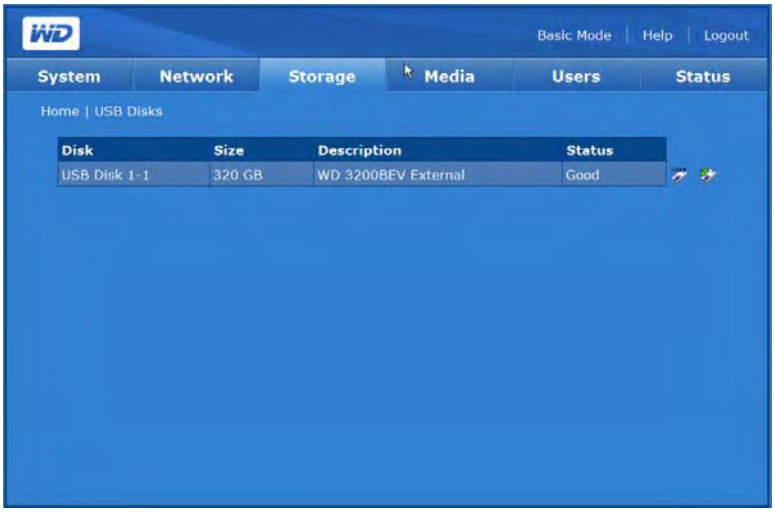
1. On the **Folder Shares** list, click the Delete icon after the share name.
2. Click **OK**.

USB Disks

When a USB storage device with the FAT, HFS+J, or NTFS file system is connected to the network storage device, the USB device displays as a USB share.

USB Disk

Use the **USB Disks** button to format or safely disconnect a USB drive.



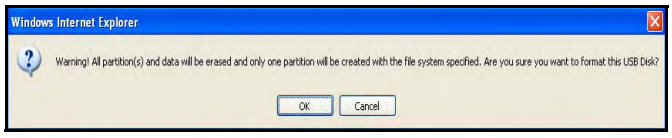
To format a USB drive:

1. Connect a USB drive to the device.

   Note: The My Book World Edition supports USB flash disk and external USB drives; USB optical drives (CD/DVD combo or DVD dual/multi drive) are not supported.

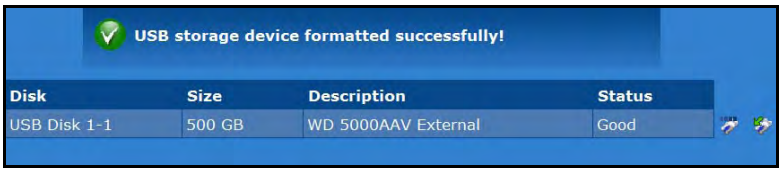
   For instructions on how to connect a USB drive to the My Book World Edition, see “Click the Submit button to apply the changes.” on page 162.

2. Click the Format icon to the right of the USB. A dialog box appears warning that all data will be erased.



WARNING! Formatting hard drives erases all the disk contents, including partition tables, logical volumes, and all shared folders and subfolders and files. Perform this procedure only when it is safe to proceed. When formatting a USB drive, only one partition is created and the partition is formatted as FAT32. With FAT32, only 4 GB can be copied for each file. If you try to transfer files that are larger than 4 GB, you may encounter a Copy Termination error.

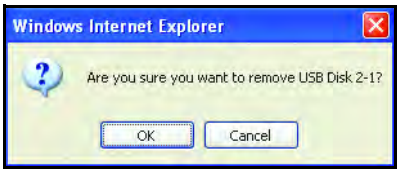
3. Click **OK**.
4. Do not disconnect the USB disk from the My Book World Edition until formatting is complete.



To safely remove a USB drive:

Note: Whenever a USB device is disconnected without first being ejected or dismounted, there is a risk of data loss or damage to the USB drive. With the safe remove disk option you can safely remove any USB drive attached to the device.

1. On the **USB Disks** page, click the Safely Remove Disk icon to the right of the USB device name.



2. Click **OK**.

Quota

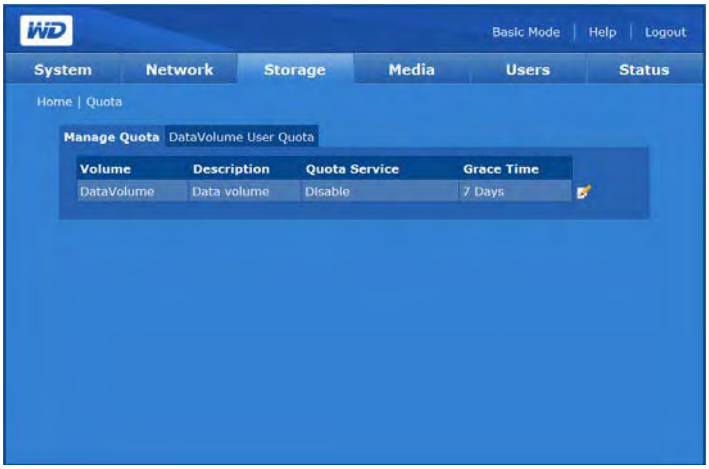
The **Quota** button on the **Storage** tab home page allows administrators to enable or disable quota control for the device and set grace time and quota limits for each user.

Quota is used to limit the maximum storage capacity for each user. The accumulated files or folders used in a volume for the specified user cannot exceed the quota setting. Once the user data exceeds the quota, a 7-day (by default) grace period commences. The user still can store up to 100 MB of additional data on the volume within the grace period. When the grace period expires, the user cannot store additional data on the volume until deleting the amount of data required to reduce the total capacity used below the quota setting.

Manage Quota

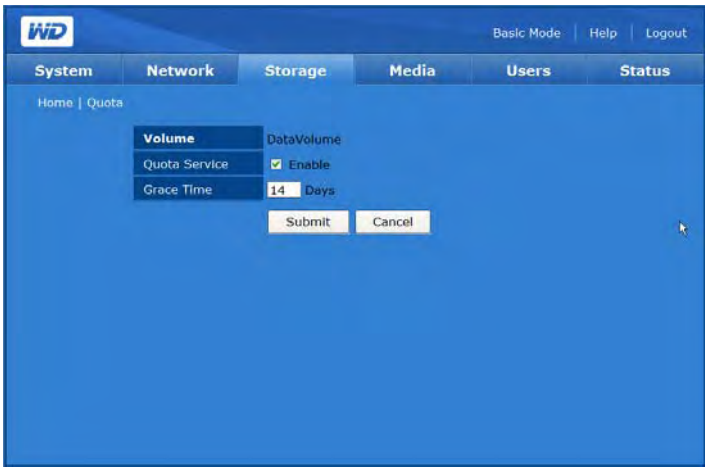
The **Manage Quota** tab in the Quota Management page provides the quota information for each volume and allows administrators to modify the quota settings.

Note: Use the **Manage Quota** tab to enable quota, and use the **DataVolume User Quota** tab to enable quota per user.



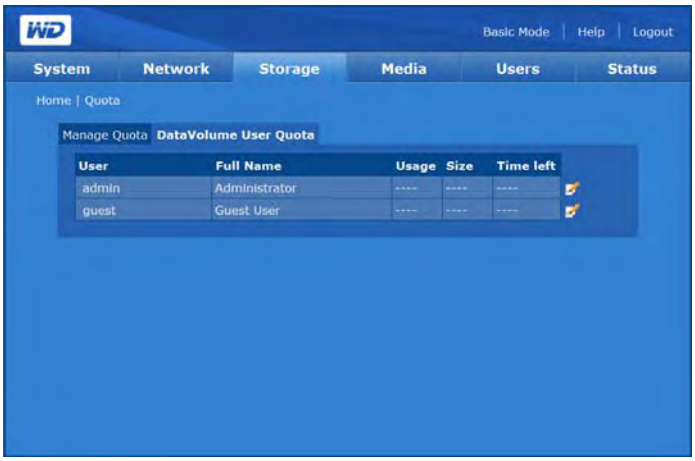
To configure disk quota:

1. Select the volume you want to modify, and then click the Modify icon .
2. Click **Enable** next to **Quota Service** to enable disk quota service.
3. Specify the grace period after which no additional drive space is provided.
4. Click the **Submit** button.



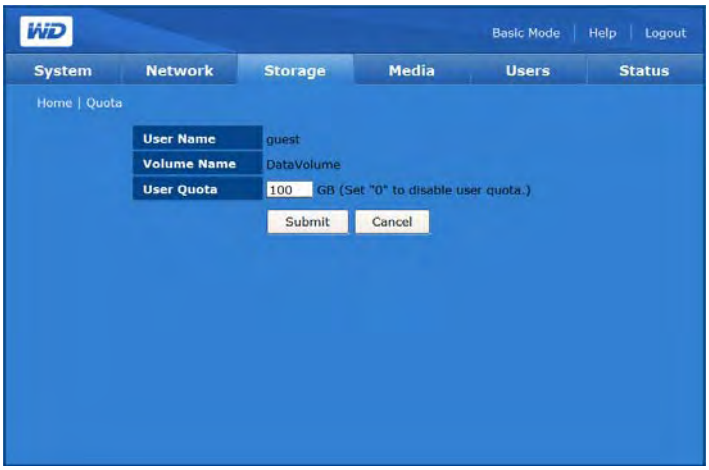
DataVolume User Quota (or ExtendVolume User Quota)

The **DataVolume User Quota** tab provides user quota information details and allows administrators to modify the user quota setting if two or more volumes are available. If a My Book World Edition II is set to JBOD, the ExtendVolume User Quota tab is available instead.



To modify the user quota setting:

1. Select the volume you want to modify, and then click the Modify icon.
2. Click **Enable** next to Quota Service to enable disk quota service.
3. Specify the quota size for the user.
4. Click the **Submit** button.



Downloads

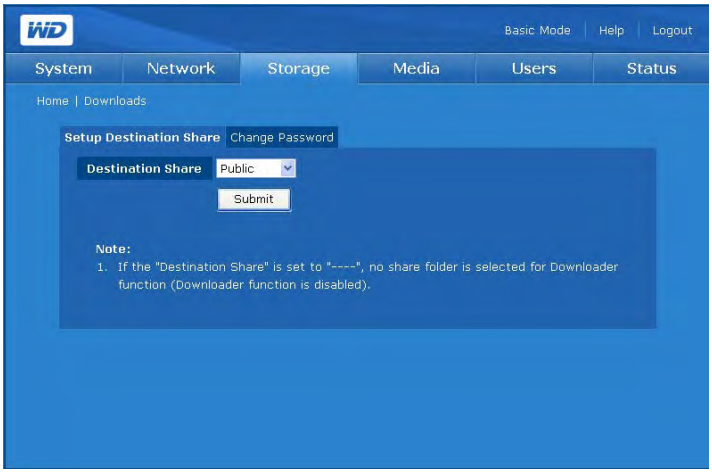
The **Downloads** button on the **Storage** tab home page provides two tabs—**Setup Destination Share** and **Change Password**. They provide configuration options for selecting the Downloads destination share for scheduled downloads and changing the Downloader login password. This login provides non-administrator users with a method to download files directly to the My Book World Edition. For more information on how to use the Downloader utility, refer to “Download Manager: Downloader” on page 151.

Set up Destination Share

Use the **Setup Destination Share** tab to choose the target share for the Downloader utility.

To set the destination share name for the Downloader:

1. On the Downloads page, click the **Setup Destination Share** tab.
2. Select the folder to share with others from the **Destination Share** list.
3. Click the **Submit** button.



Note: If no destination is selected, the download utility is disabled. For instructions on using the download utility, see “Downloader Features” on page 152.

Change Password

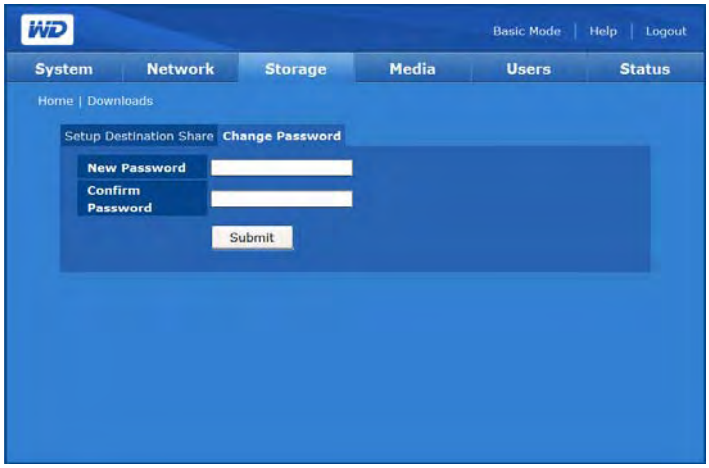
The **Change Password** tab allows you to change the Downloader’s password.

To change the Downloader’s password:

Note: The default password is “downloader.” The user name is always “downloader.”

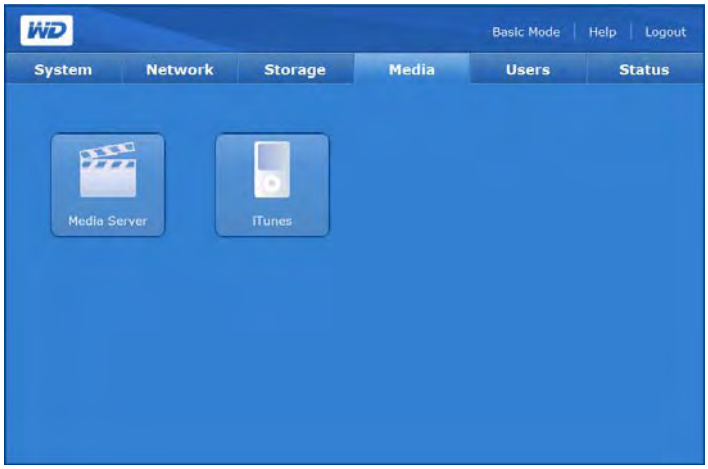
1. On the Downloads page, click the **Change Password** tab.
2. Enter a password in the Change Password field. The maximum length of the password is 16, including alphabetic, numeric, underscore, space, and most special characters except double-quote ("). The first and last characters cannot be a space. The password is case sensitive.

3. Re-enter the password in the **Confirm Password** field.
4. Click the **Submit** button.



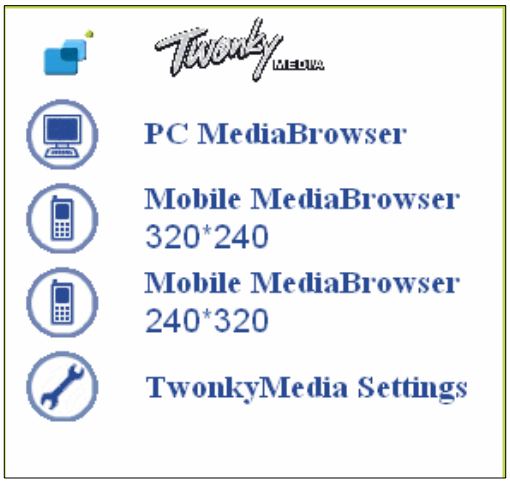
Media Tab

The **Media** tab provides access to the iTunes and Media Server menus.



Note: The Media Server and iTunes servers only work on the LAN.

Media Server



The TwonkyMedia 5.1 server application searches for all the media (for example, videos, photos, and music) stored on the My Book World Edition connected to your home network. The server is pre-set, so you can just transfer your multimedia content to the respective shared folders on your My Book World Edition, and you are ready to stream and view content on your home entertainment center, game consoles (for example, Xbox 360, PlayStation 3, or DLNA 1.5 Digital Media Adapters), and other PCs on your home network. Visit www.twonkymedia.com for further information on TwonkyMedia.

iTunes

Enable the iTunes Server and customize its settings using the **iTunes** menu. iTunes Server allows iPod and iTunes users to share and play music on the My Book World Edition.

Note: iTunes Server is enabled by default.

With the iTunes Server, you or anyone connected to the My Book World Edition can use iTunes to play music files stored on it. The iTunes Server creates a virtual music library on the device and treats it as an iTunes repository, making it possible for music files to stream from the My Book World Edition to Windows or Mac computers running iTunes.

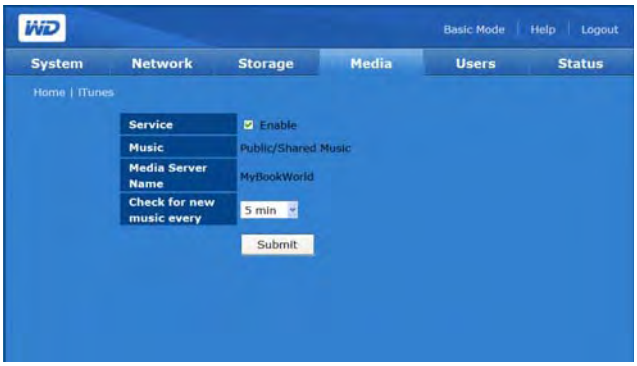
The iTunes Server supports only the following file types:

- *.mp3
- *.wav
- *.aac

Note: The iTunes Server requires the presence of the '/Public/Shared Music' share folder. Do not rename or delete Shared Music if you want to use the iTunes Server. You must recreate or rename the '/Public/Shared Music' share if it has been deleted or renamed.

To enable or disable the iTunes Server:

1. On the iTunes server page, click **Enable** next to **iTunes Service**. Or, deselect the option to disable it.
2. Specify how often iTunes will scan the device for new music files (default is 30 minutes).
3. Click the **Submit** button.

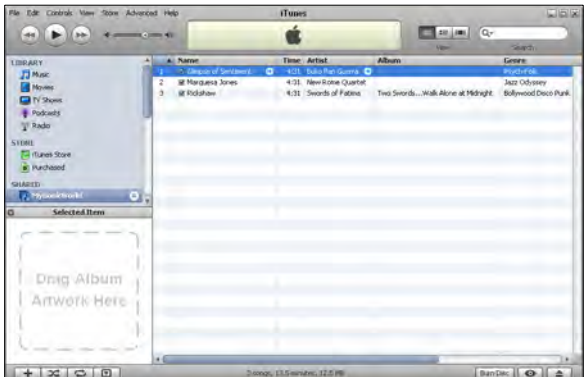


To customize media library update frequency:

1. Select an option in the **Check for new music every** list.
2. Click the **Submit** button.

To stream audio in iTunes:

1. Make sure that the iTunes Server is enabled in the Network Storage Manager utility. See “To enable or disable the iTunes Server:” on page 139 for more information.
2. Click **MyBookWorld** under the Shared section of the left pane. If you have copied music to the /Public/Shared Music folder and it is in a format supported by iTunes, it should be listed in the right pane.
3. Double-click an audio file.



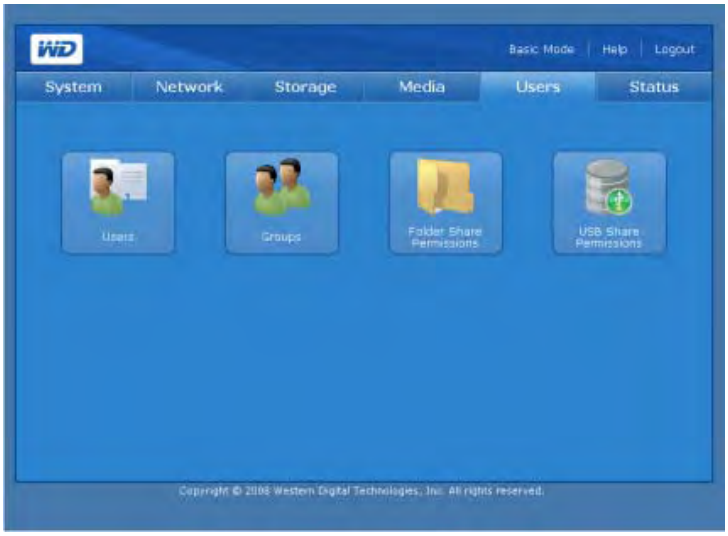
The audio file is streamed in iTunes and audio files from the My Book World Edition are displayed under the **Shared** list.

Note: Both the Media Server and the iTunes Server only work on the LAN.

Users Tab

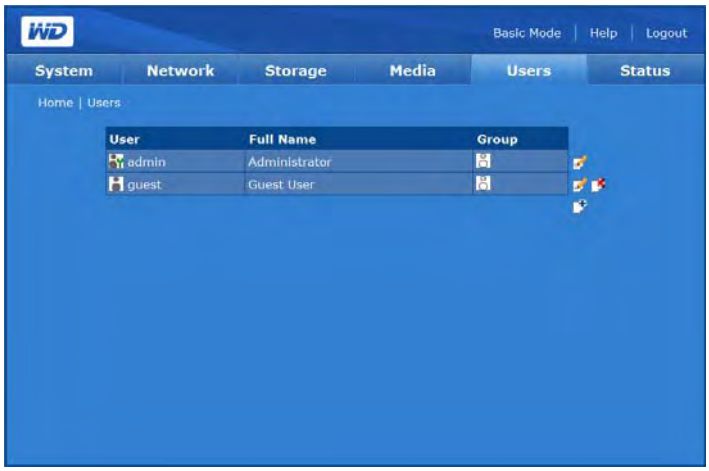
The **Users** tab provides access to the following configuration options:

- Users
- Groups
- Folder Share Permissions
- USB Share Permissions



Users

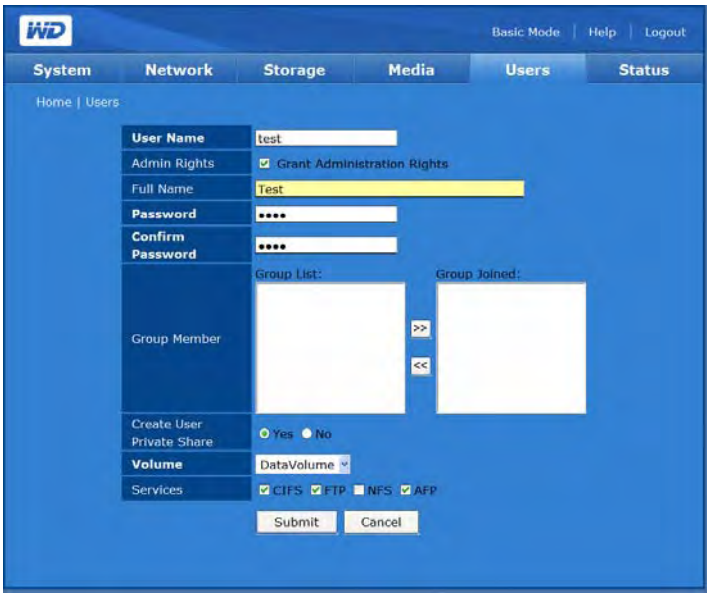
The **Users** button on the **Users** tab home page allows administrators to create, edit, and delete user accounts from Access Control list management.



To create a new user account:

With this feature, you can create user accounts on the My Book World Edition and further customize these accounts with privilege levels.

1. On the Users page on the **Users** tab, click the Add icon to display the following page:



Note: The user name and password can contain up to 15 characters, including alphabetic, numeric, underscore, space, and most special characters.

2. Click **Grant Administration Rights** to provide the user with administrative rights. Administrative rights allow the user to configure the device.

Note: The password can contain up to 16 characters, including alphabetic, numeric, underscore, space, and most special characters except double-quote ("). The first and last characters cannot be a space. The password is case sensitive.

3. Enter the user name in the **User Name** field.
4. Enter the user's full name in the **Full Name** field.
5. Enter the password in the **Password** field.
6. Re-enter the password in the **Confirm Password** field.
7. If desired, select a previously created Group for the user to join from the **Group List**.
8. Click the **>>** button to add the selected user to the group.
9. You may create a private user share at the same time by clicking **Yes** next to **Create User Private Share**. The new user is granted Full Access to the private share. The private share name is the same as the user name. Nobody else has access to this private share unless it is specifically granted by the administrator.
10. Select a volume that you want the user to access. (My Book World Edition II only)
11. Select one or more file sharing protocols to access private shares.
12. Click the **Submit** button.

To modify a user account:

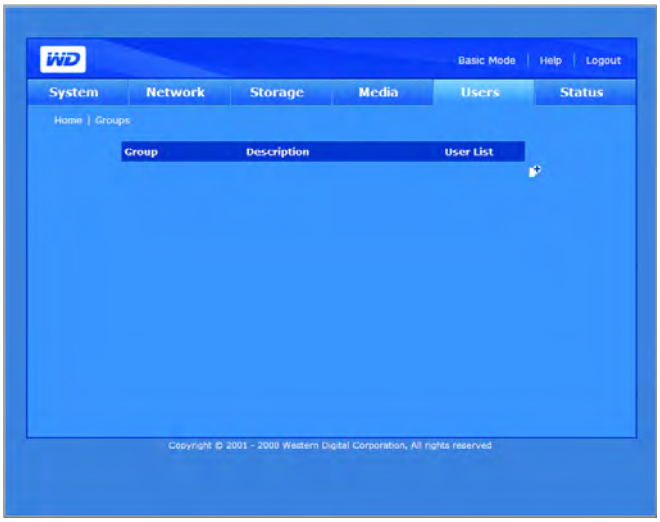
1. On the Users page on the **Users** tab, select the user account to modify, and then click the Modify icon .
2. Make the desired changes, and then the **Submit** button.

To delete an existing user account:

1. On the Users page on the **Users** tab, click the Delete icon to the right of the user account you want to delete .
2. Click **OK**.

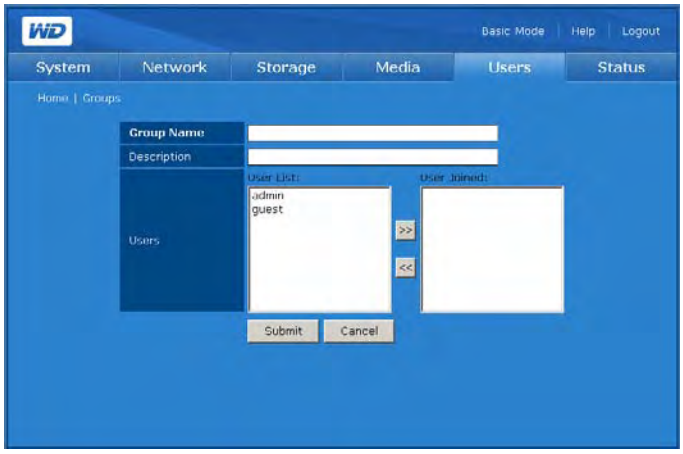
Groups

The **Groups** button on the **Users** tab home page enables the administrator to create, edit, and delete a group from Access Control list management.



To create a group:

1. On the Groups page on the **Users** tab, click the Add icon to display the following page:



2. Assign a new group name.
3. Enter a description of the new group.

4. Select users from the **User List** field to add to the **User Joined** field.
5. Click the **>>** button.
6. Click the **Submit** button.

To modify a group:

1. On the Groups page on the **Users** tab, select the group account you want to modify, and then click the Modify icon .
2. Make the necessary changes, and then click the **Submit** button.

To delete a group:

1. On the Groups page on the **Users** tab, select the group you want to delete, and then click the Delete icon .
2. Click **OK**.

Folder Share Permissions

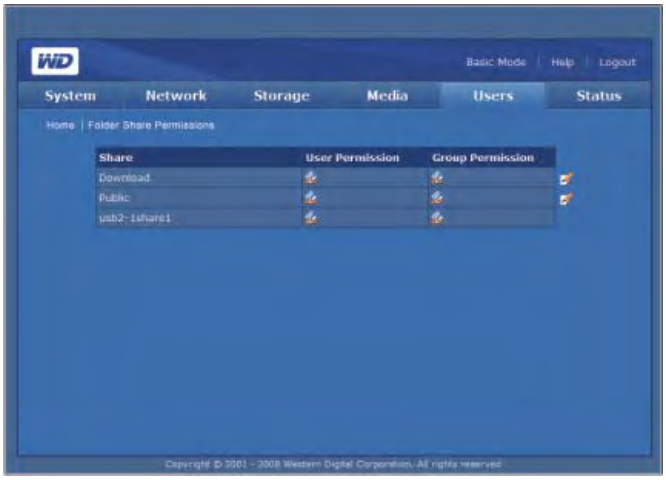
The Folder Shares Permissions icon on the **Users** tab home page enables you to set the access control for each user or group in the **Access** list.

- Public Access
- Full Access
- Read Only
- Deny Access
- Not Assigned

When there is a conflict in the access rights of the user and group, the My Book World Edition uses the following rules to handle the conflict:

- Deny Access has the highest priority.
- Full Access + Read Only = Full Access.

If the access control is assigned to users or groups, the full access, read only, and no access icons appear on the Share Access page. You can move your mouse over the icon to view the user or group list.



To edit the access rights of users or groups:

1. Select a user or group on the Folder Shares Permissions page, and then click the Edit icon to display the following page:

2. Click **Enable** next to Public Access allow everyone to access to the share.
3. Select an access option.
4. In the **Unassigned Users** list, select the users to whom you want to grant full access, read only permission, or no access to the share.
5. Click the **>>** button.
6. In the **Unassigned Groups** list, select the local groups to which you want to grant full access, read only permission, or no access to the share.
7. Click the **>>** button.
8. Click the **Submit** button.

Note: Public shares can be accessed using the administrator name and password as well as by a guest name and password. The default guest name and password are both “guest.”

USB Share Permissions

The **USB Shares** button on the **User** tab enables you to set access control for the two USB ports on the back of the device.

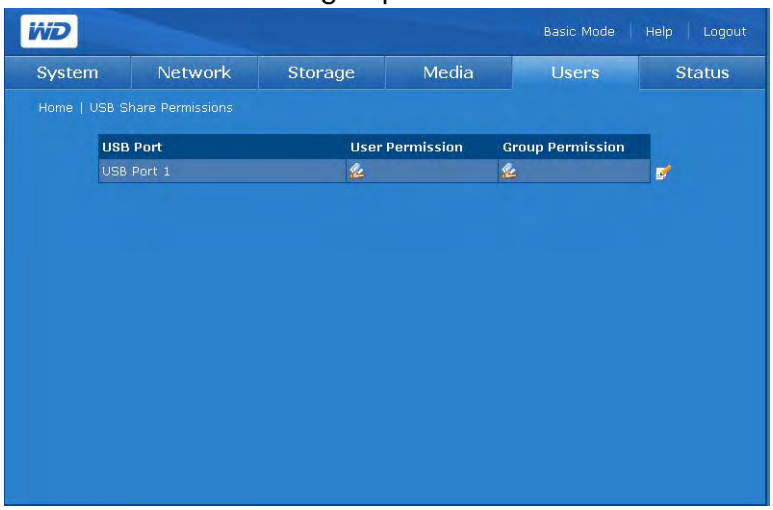
The types of access control that you can assign to a user or group include:

- Public
- Full Access
- Read Only
- Deny Access
- Not Assigned

When there is a conflict in the access rights of the user and group, the device uses the following rules to handle the conflict:

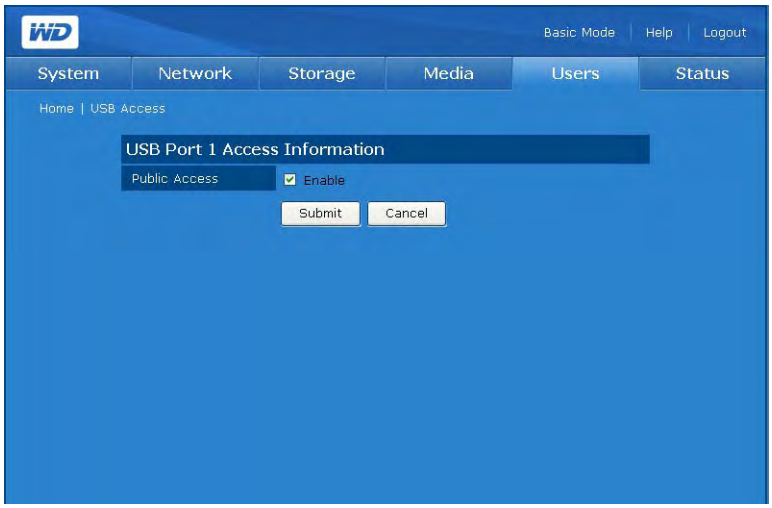
- Deny Access has have the highest priority.
- Full Access + Read Only = Full Access.

If the access control is assigned to users or groups, the full access, read only, and no access icons appear on the Share Access page. You can move your mouse over the icon to view the user or group list.

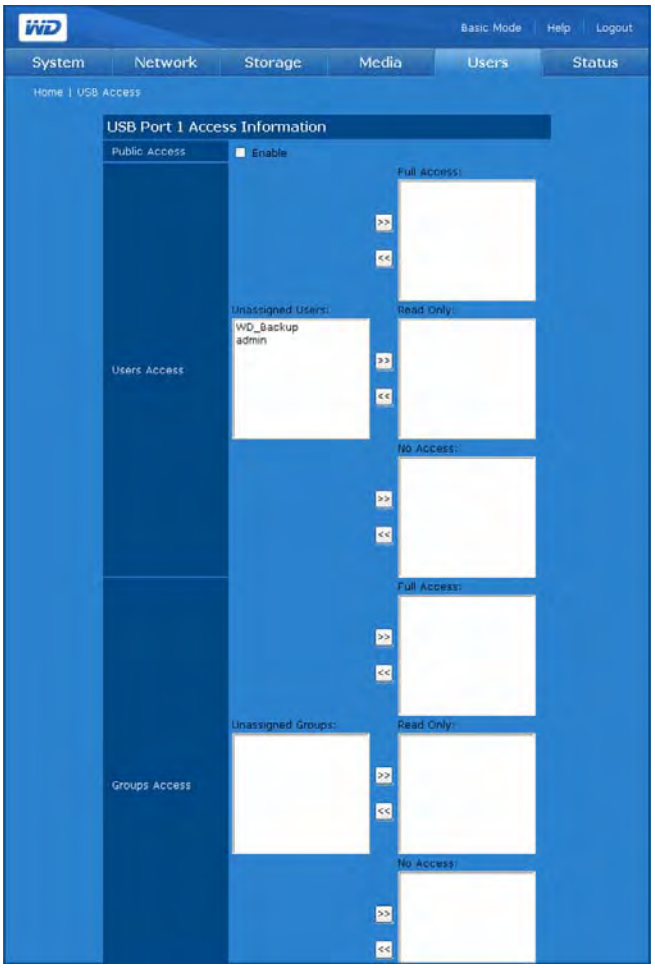


To edit the access rights of users or groups:

1. Select the share you want to modify by clicking the Edit icon next to that share. The following page appears if **Public Access** is enabled:



If **Enable** is not selected, the following page displays:



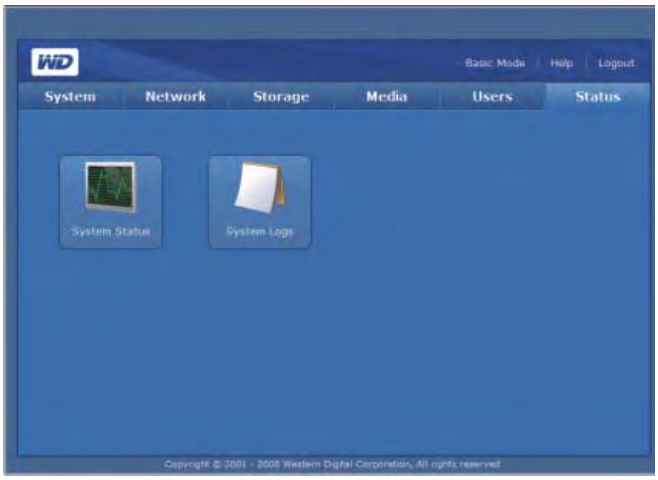
2. Click **Enable** next to **Public Access** to allow everyone to access the share.
3. Select an access option.

4. In the **Unassigned Users** list, select the users to whom you want to grant full access, read only permission, or no access to the share.
5. Click the **>>** button.
6. In the **Unassigned Groups** list, select the local groups to which you want to grant full access, read only permission, or no access to the share.
7. Click the **>>** button.
8. Click the **Submit** button.

Status Tab

The **Status** tab provides access to the following configuration options.

- System Status
- System Logs



System Status

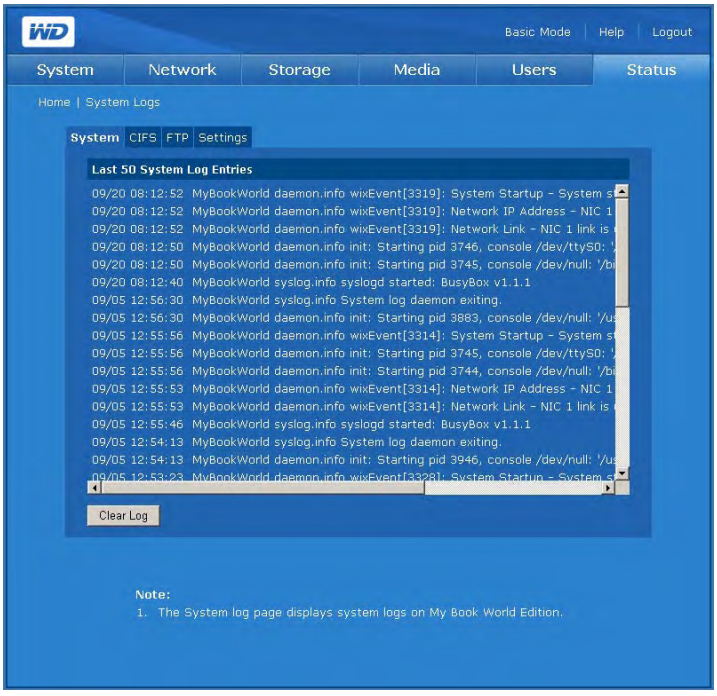
The **System Status** button on the **Status** tab home page displays general information about the system: device name, version, current date/time, system uptime, IP address, volume usage, and volume RAID type if RAID is functioning properly. If RAID is not healthy, the **RAID/Volume Usage** field displays “failed”.

System Logs

The **System Logs** button on the **Status** tab home page displays the events recorded by the System Configuration utility. You can view information such as file and services requested on the device and requests between the device and client computers. You can also change the order and number of the log entries shown in log pages.

System

The **System** subtab displays system logs on the device.



The System Logs record events that occur in the system. You can obtain information from the following conditions or errors that may occur in the system components and hardware or software components.

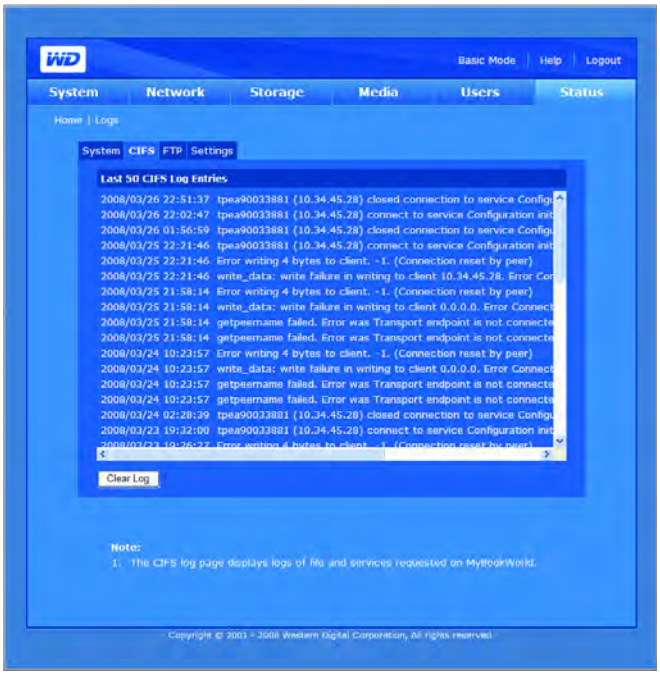
- System shutdown
- System reboot
- Factory default restore failed
- System temperature exceeds a threshold value
- Disk SMART failure
- Volume failed or does not exist
- Volume space is full or close to 100%
- Unsafe removal of a USB mass storage device
- Resync volume failed

The following types of events are logged:

- **Critical**—An event such as system temperature has exceeded the threshold level, Disk SMART failed, volume space is full or close to 100%, extend volume failed, or resync volume failed. When a critical event occurs, the power/system status LED lights up and the system records events in the System Log.
- **Warning**—An event that is not necessarily significant, but may indicate a possible future problem. An e-mail or pop-up message alert is sent to notify user of the problem that occurred in the system.
- **Information**—An event that describes the successful operation of an application, driver, or service.

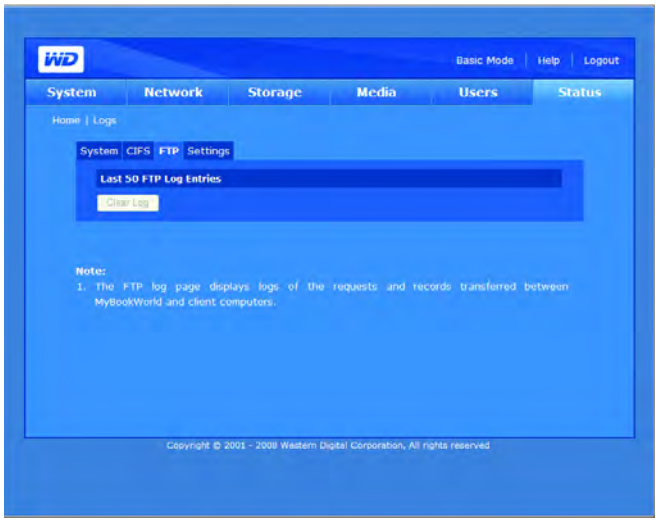
CIFS

The **CIFS** (Common Internet File System) subtab displays logs of file and services requested on the device for connections that use this protocol.



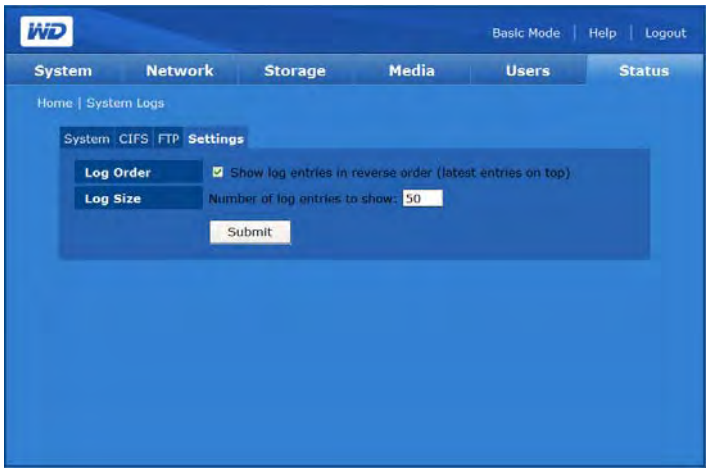
FTP

The **FTP** (File Transfer Protocol) subtab displays logs of the requests and records transferred between the device and client computers for connections that use this protocol.



Settings

The **Settings** subtab assigns the order and number of log entries that appear on the Logs page.



To configure the log settings:

1. On the **Settings** tab, click **Show log entries in reverse order** to display the most recent entries at the top.
2. Enter the number of entries you want to appear on the System, CIFS, and FTP logs.

11 Download Manager: Downloader

Downloader has two powerful tools for managing downloads directly to the unit: HTTP/FTP and CTorrent. These tools are great for when you want to download very large or multiple large files from the Internet and do not want to sit and wait for the download to complete. All you have to do is identify the file/torrent you want to download from the Internet and set it in the Download function on your My Book World Edition. Then you can walk away and let these tools do the rest. All the files/ torrents that you want to download are saved directly to your My Book World Edition, and you do not even need to have your computer on.

With a user-friendly interface, the Downloader supports multiple simultaneous downloads with various functions to manage downloads. Use Downloader to download files to the default share folder in the My Book World Edition. If you choose not to use the default share folder, see “To set the destination share name for the Downloader:” on page 136.

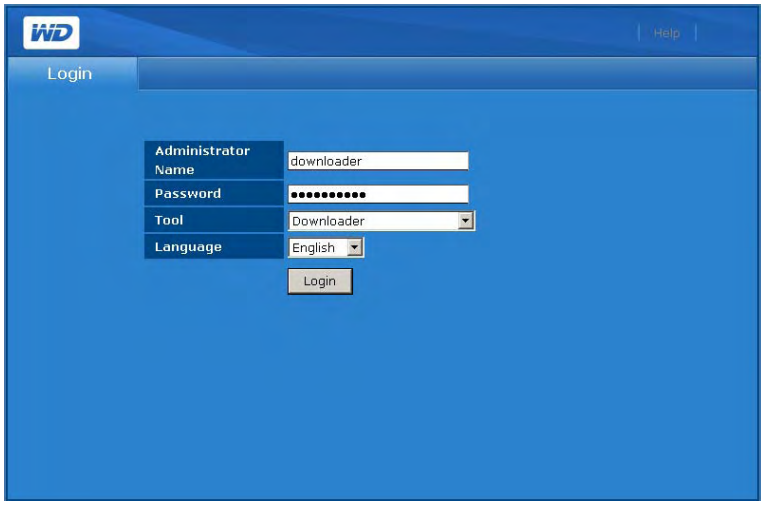
Accessing Downloader

You can access Downloader by entering the system’s web-based user interface. See “Accessing My Book World Edition’s Network Storage Manager” on page 86 for instructions.

1. In the **Tool** list, click **Downloader**.
2. Enter “downloader” in both the **Administrator Name** and **Password** fields.

   Note: You can change the password, but the administrator name is always “downloader.”

3. Select a language. (“English” is the default.)
4. Click **Login**.



Downloader Features

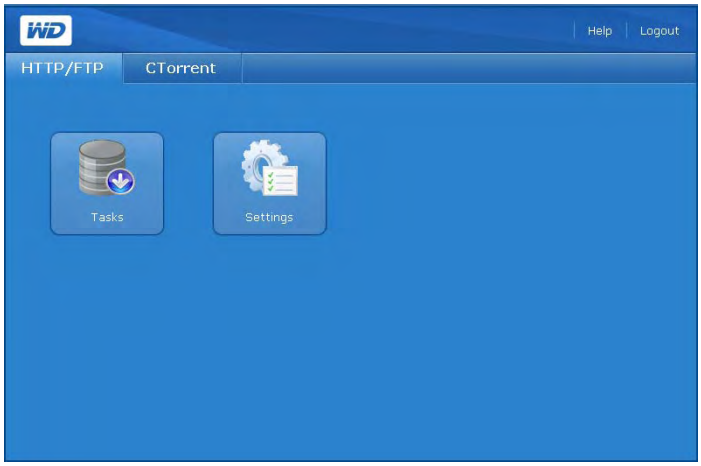
Downloader includes the following features:

- Download faster with instantaneous “start”
- Download multiple files from the Internet simultaneously
- Automatically store files to a user-defined destination folder in My Book World Edition
- Automatically store your partially downloaded files in the database to resume downloading at any time
- Set download speed to reduce bandwidth consumption
- Schedule and queue downloads
- Resume downloading a partial download

The Downloader user interface includes two tabs—**HTTP/FTP** and **CTorrent.**

HTTP/FTP Tab

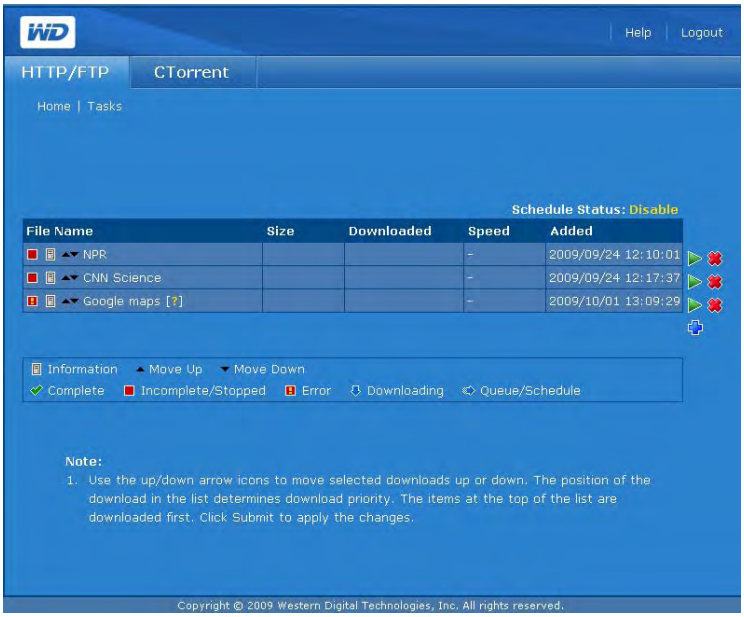
Clicking the **HTTP/FTP** tab reveals two buttons: **Tasks** and **Settings**.



Tasks

The **Tasks** button on the **HTTP/FTP** tab includes a table that displays the file transfer processes. The status of the file download is displayed using icons located on the **File Name** column and immediately below the **Submit** button. The status includes detailed information about the meaning of each status icon.

The command icons located on the right-side of the tasks table allow you to add download entries, stop file downloads, or delete download tasks.



Command Icons

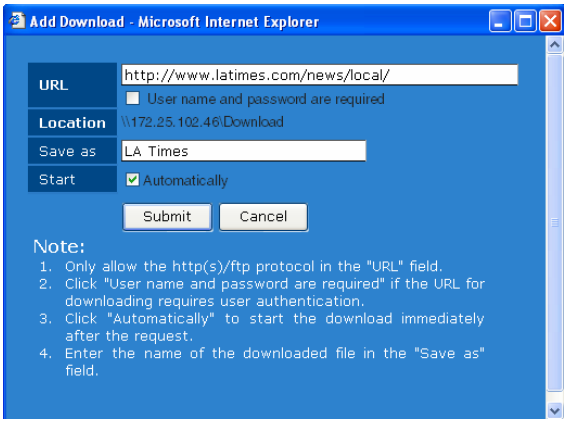
The Tasks page includes the following commands:

Icon	Command	Description
	Add	Creates a download task.
	Start	Starts a specific download task.
	Stop	Ends the download task.
	Delete	Deletes download task from the table.
	Help	Displays the online guide.
	Logout	Exits the Downloader utility.

To create a download task:

1. On the Tasks page, click the Add icon.
2. Enter the full web address from which you want to download the file in the URL field.
3. If a user name and password are required to download the file, click **User name and password are required**, and then enter the user name and password.
4. If you want to enter a new name for the file, enter a new name in the **Save As** field.

5. Click **Automatically** to start downloading immediately after the request.



6. Click the **Submit** button. The task displays at the bottom of the list.

Note: The **Scheduled Status** field above the table on the right indicates whether the download was scheduled. See “Settings” on page 155 for information about scheduling tasks.

To stop and resume a download task:

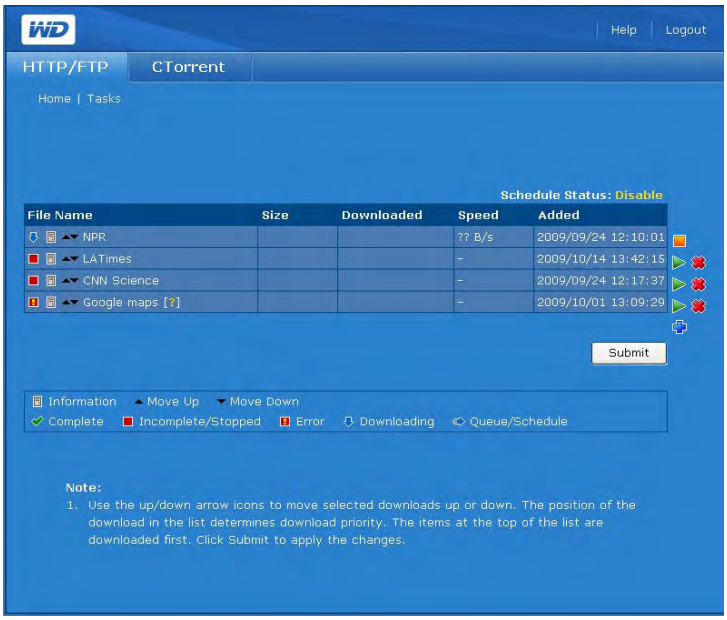
1. Select a task in the Tasks table.
2. Click the Stop icon to stop the download task.
3. Click the Start icon to resume the download task.

To delete a download task:

1. Select a task in the Tasks table.
2. Click the Delete icon to delete the download task.
3. Click **OK**, and then click **OK** again.
4. Click the **Submit** button.

To change the order of the download queue:

1. Use the arrow buttons to change the order of download tasks or to make a task conditional on a previous task.
2. Select a task in the Tasks table, and then click Move Up or Move Down .
3. Click the **Submit** button.



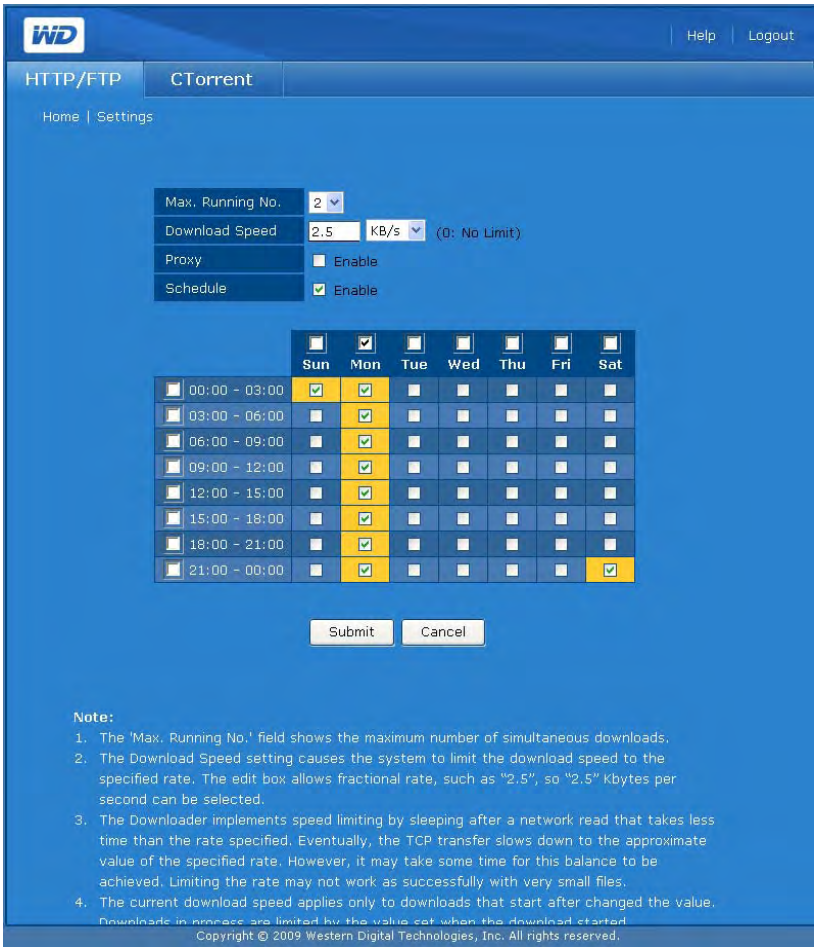
Settings

The **Settings** button on the **HTTP/FTP** tab enables you to set the download speed and create and schedule several download queues.

To customize the Downloader settings:

1. On the **HTTP/FTP** tab, click the **Settings** button to display the following page:

2. Select a number to specify the maximum number of simultaneously running downloads in the **Max. Running No.** field.
3. Specify the integer value to limit the downloaded speed if you do not want to consume the entire available bandwidth in the **Download Speed** field.
4. Set up the proxy in the **Proxy** field to download files if your network environment does not allow making direct connections to an external network.
5. Click **Enable** next to **Schedule** to enable scheduled downloading time. The page expands:



6. Select rows, columns, or individual days and times during which downloading is allowed. Selections display in yellow.
7. Click the **Submit** button.

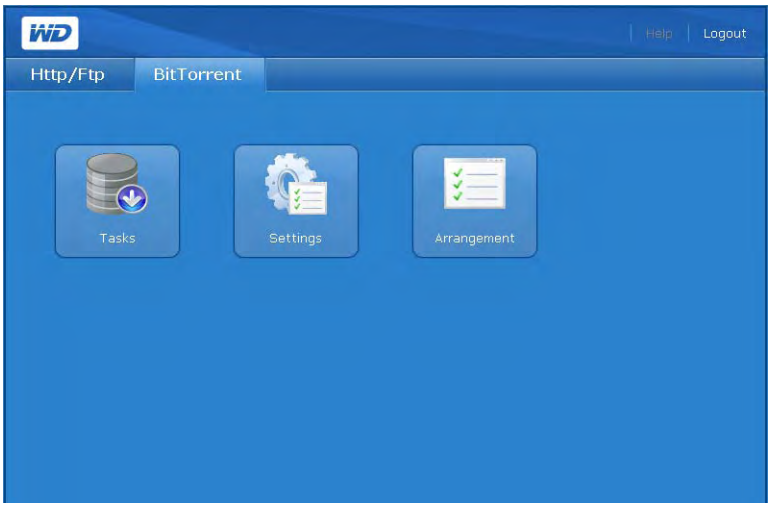
Note: In the example above a schedule displays because **Schedule** was enabled. Specify the desired schedule and click the **Submit** button.

CTorrent Tab

CTorrent can be used for downloading and uploading large files among peers without the strain on their computers normally experienced with standard Internet transfers. The person downloading the file receives pieces of the file from multiple people who have downloaded the entire file (seeders) or have only part of the file.

Note: If you wish to configure your router to forward CTorrent traffic to your My Book World Edition, the CTorrent client uses TCP ports 2106 through 2706.

The **CTorrent** tab displays three buttons: **Tasks**, **Settings**, and **Arrangement**.

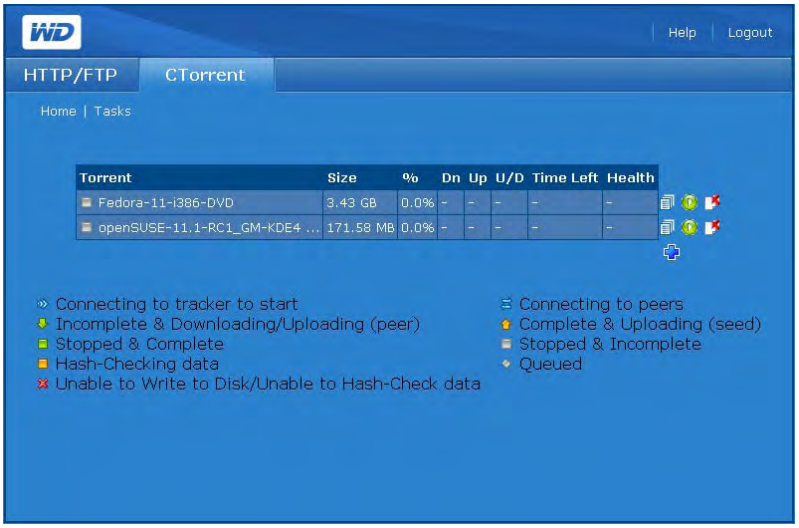


Tasks

The **Tasks** button on the **CTorrent** tab displays information about each torrent and enables you to control torrent downloads.

To view a task:

1. Click the **Tasks** button on the **CTorrent** tab to display the following page:



The Tasks page displays the following information about each torrent:

- Torrent name
- File size
- Progress of download
- Download speed (KB per second)
- Upload speed (KB per second)
- Up/Down Ratio (A percentage that represents the amount of data uploaded divided by the amount of data downloaded.)
- Time Left
- Health

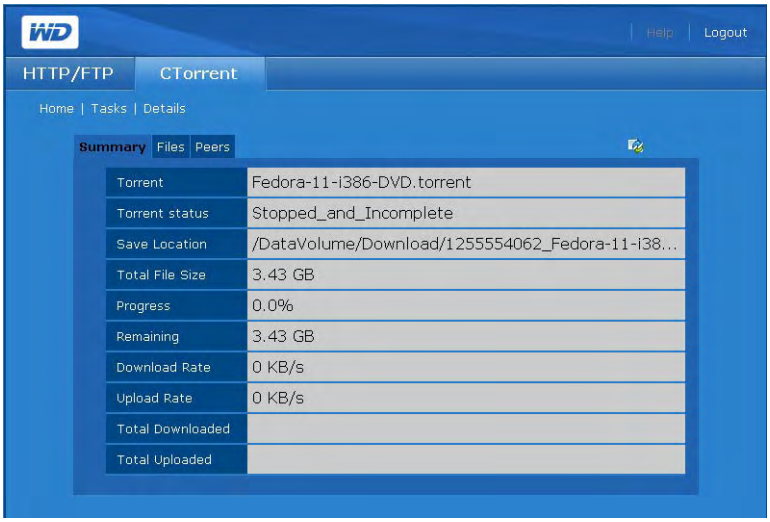
The following icons describe the status and details for each torrent.

Status: (connecting to tracker to start), (Incomplete & Downloading/Uploading (peer)), (Stopped & Complete), (Hash-Checking data), (Unable to Write to Disk/Unable to Hash-Check data), (Connecting to Peers), (Complete and Uploading peers), (Stopped & Incomplete) and (Queued).

Details: The icon provides detailed information about the selected torrent. Click to display three tabs with a summary of the torrent details, a list of files in the torrent, and the peers used to download/upload the torrent.

To view a detailed summary:

1. On the Tasks page, click the icon at the end of the torrent's row.
2. Click the **Summary** tab to view a summary of details:



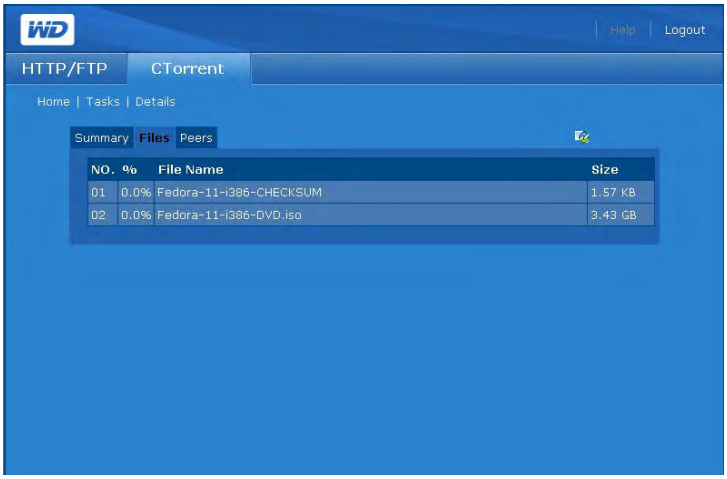
It includes the following information about the torrent:

- File name
- Save location
- Total file size
- Progress of the download
- How much still needs to be downloaded

- Progress of the download as a percentage
- Download rate (KB/s)
- Upload rate (KB/s)
- The amount of data downloaded so far
- The amount of data uploaded so far

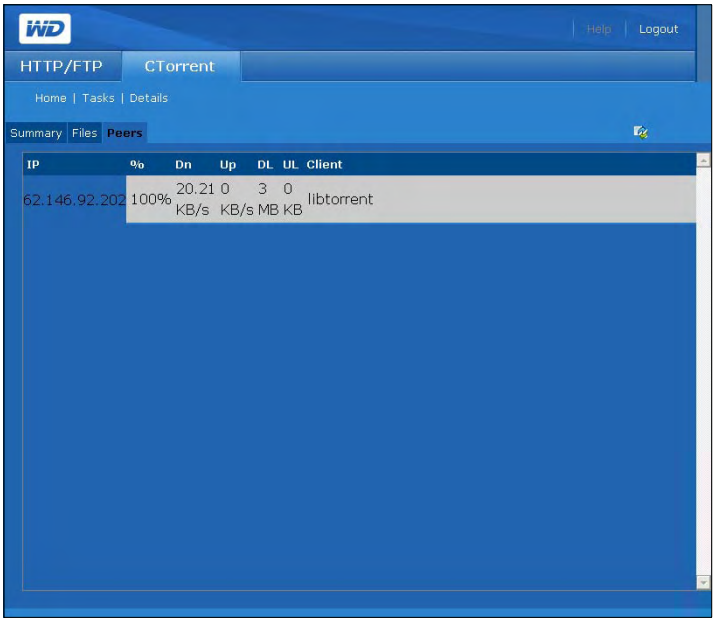
To view information about the individual files in the torrent:

1. On the Tasks page, click the icon at the end of the torrent's row.
2. Click the **Files** tab to view information about the individual files in the torrent. The details include the percentage of the specified file downloaded and the size of each file.



To view information about the peers sharing torrent files with you:

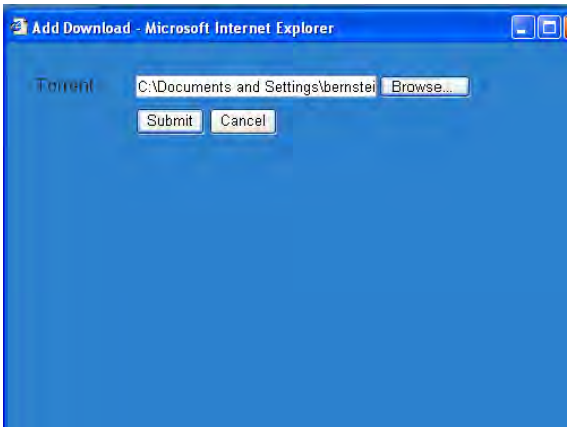
1. On the Tasks page, click the icon at the end of the torrent's row.
2. Click the **Peers** tab to view information about the peers who are sharing torrent files with you and the percentage of the torrent they possess.



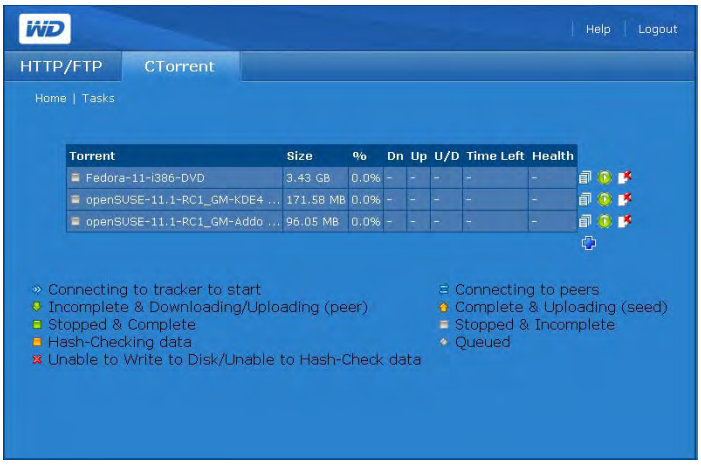
To create a task:

Before adding a torrent, first locate it on the Internet and save the *.torrent file to your computer.

1. On the **Tasks** tab, click the icon. The following page displays:



2. Browse your computer to locate the torrent file you saved from a torrent tracker on the Internet.
3. Click the **Submit** button The task displays at the bottom of the task list.



To delete a task:

You can delete a download task, but the system does not delete it from the My Book World Edition data volume where it is stored.

1. Select the task on the **Tasks** tab.
2. Click the icon.

To start and stop a task:

When you first add a task, you must start the download. You can stop and resume the download at any time.

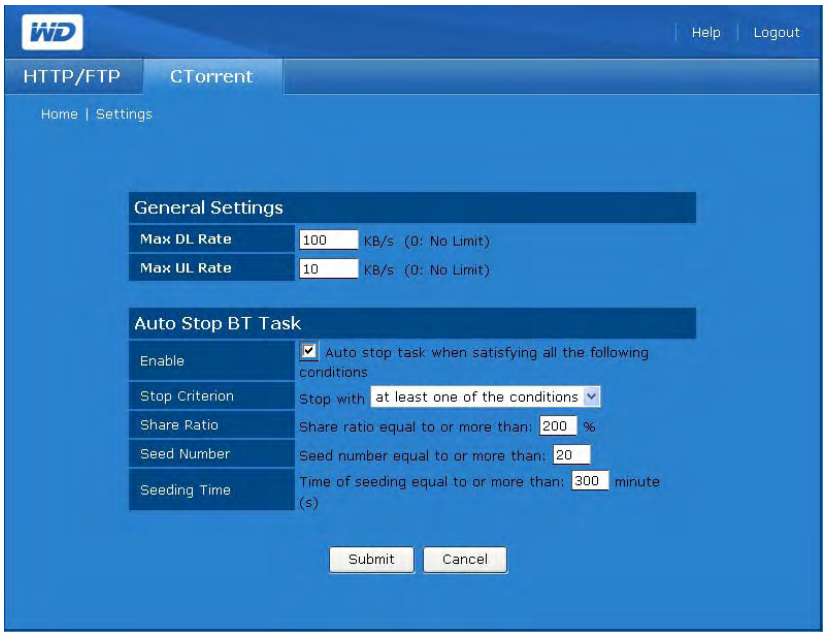
1. To start a download, select it and click the icon.
2. To stop a download, select it and click the icon.

Settings

The **Settings** button on the **CTorrent** tab enables you to customize the amount of bandwidth used by a torrent download.

To customize CTorrent settings:

1. Click the **Settings** button on the **CTorrent** tab to display the following:

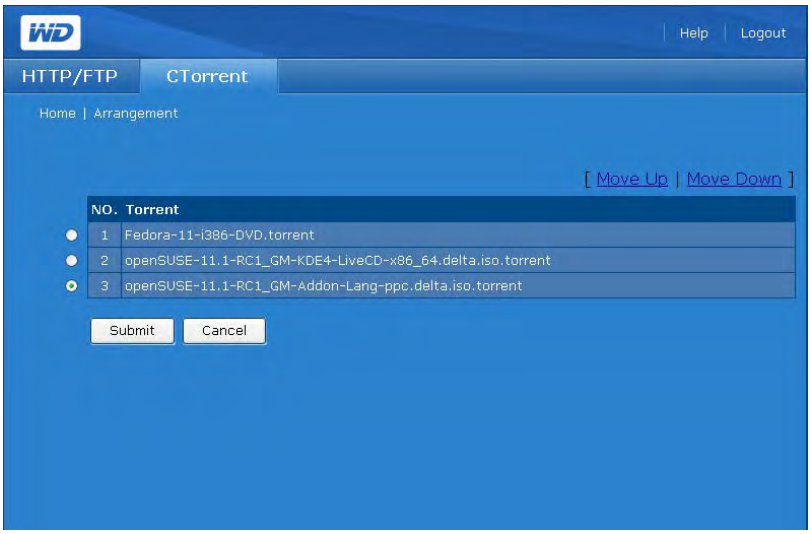


2. To set the speed of the download or upload, in the **General Settings** group:
   (a) In **Max DL Rate**, enter the maximum rate at which the **CTorrent** should be downloaded (KB/sec).
   (b) In **Max UL Rate**, enter the maximum rate at which the **CTorrent** should be uploaded (KB/sec).
3. To automatically stop the download under specified conditions, in the **Auto Stop CT Torrent Task group**:
   (a) To enable automatic stopping of the download under specified conditions, click the **Enable** check box.
   (b) In **Stop Criterion**, select whether the download should automatically stop when one of the conditions is met or only when all conditions are met.
   (c) In **Share Ratio**, enter the ratio (percentage) of the download completed to the upload completed that will trigger an automatic stop.
   (d) In **Seed Ratio**, enter the number of peers who have downloaded the entire file that will trigger an automatic stop.
   (e) In **Seeding Time**, enter how much longer after you have the entire file the download should stop.
4. Click the **Submit** button.

Arrangement

The **Arrangement** button on the **CTorrent** tab enables you to prioritize your downloads. The position of a torrent in the list determines its priority.

1. Click the **Arrangement** button on the **CTorrent** tab to display the following:



2. To change priority for a torrent, click the radio button next to it.
3. Click **Move Up** or **Move Down** to change its position in the list.
4. Repeat for any other torrents, as desired.
5. Click the **Submit** button to apply the changes.

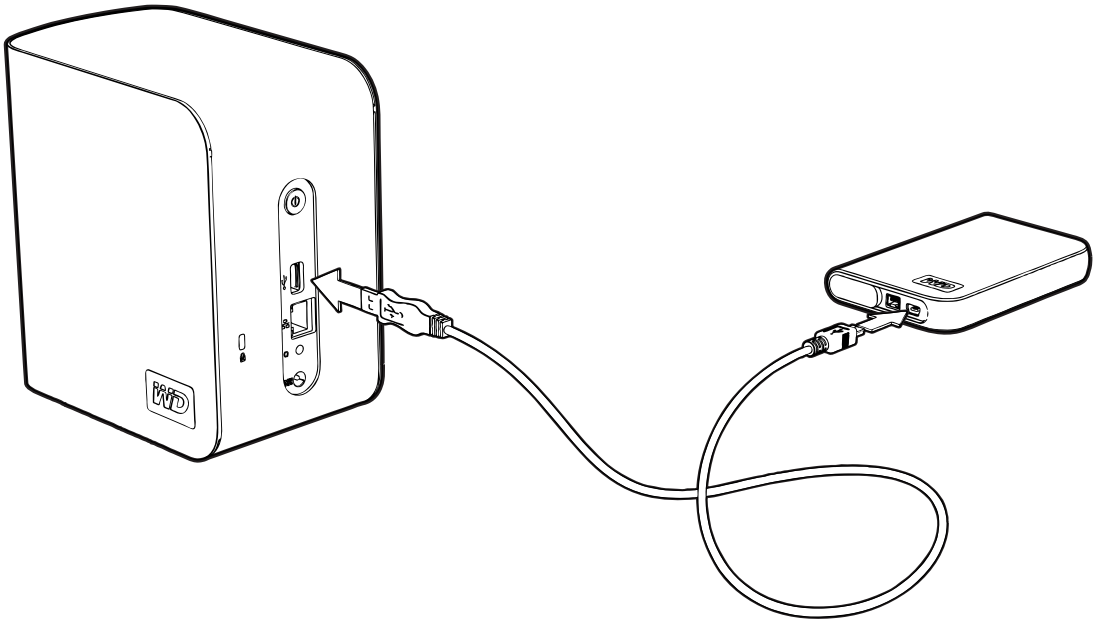
12 Connecting and Managing a USB Hard Drive

Connecting

Connect a USB hard drive to the USB port on the rear of your My Book World Edition for additional storage. The USB drive appears as a Folder Share in Network Storage Manager. See “Folder Shares” on page 95 (Basic Mode) or “Folder Shares” on page 129 (Advanced Mode) for details.

Note: The My Book World Edition supports external USB storage; USB optical drives (CD/DVD combo or a DVD dual/multi drive) are not supported. The USB port currently supports attached drives with FAT32, NTFS, EXT3, and HFS+J file systems. Proprietary devices (e.g., cameras) are not currently supported

Important: USB hard drives that are formatted with FAT32 are limited to only 4 GB that can be copied for each file. If you try to transfer files that are larger, you will receive a Copy Termination error.



Copy Manager

The My Book World Edition’s Copy Manager feature allows you to back up data from the USB hard drive to My Book World Edition or back up data from the My Book World Edition to the USB hard drive. See “Click the Submit button to apply the changes.” on page 162 for instructions.

The My Book World Edition’s Copy Manager feature allows you to copy data from a USB drive to the My Book World Edition or copy data from the My Book World Edition to a USB drive.

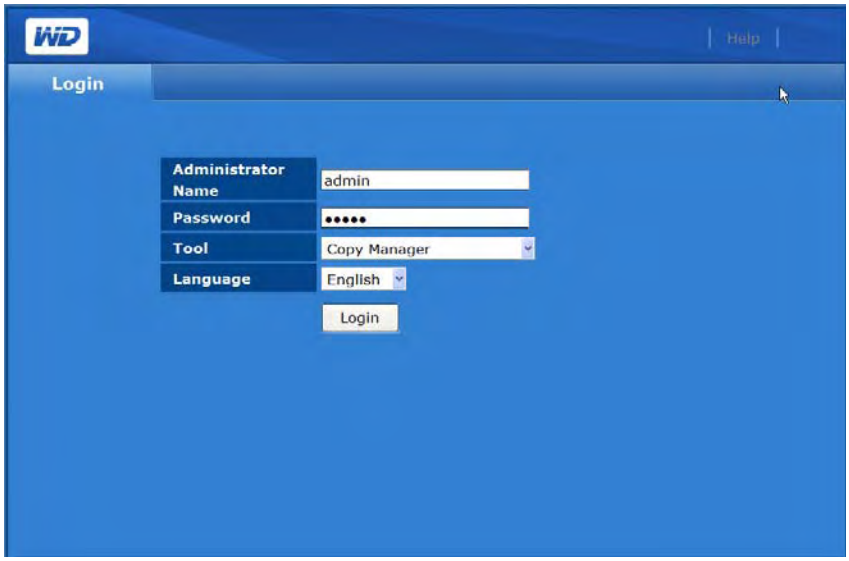
Important: For best results, when copying data, always connect the USB drive directly to a USB port on the My Book World Edition. **Do not use a USB hub**. Ensure that the destination drive has enough free space to store the amount of data being transferred.

Important: USB drives that are formatted with FAT32 are limited to copying only 4 GB for each file. If you try to transfer files that are larger than 4 GB, you may encounter a Copy Termination error.

Accessing Copy Manager

You can access Copy Manager by entering the system's web-based user interface. See "Accessing My Book World Edition's Network Storage Manager" on page 86 for instructions.

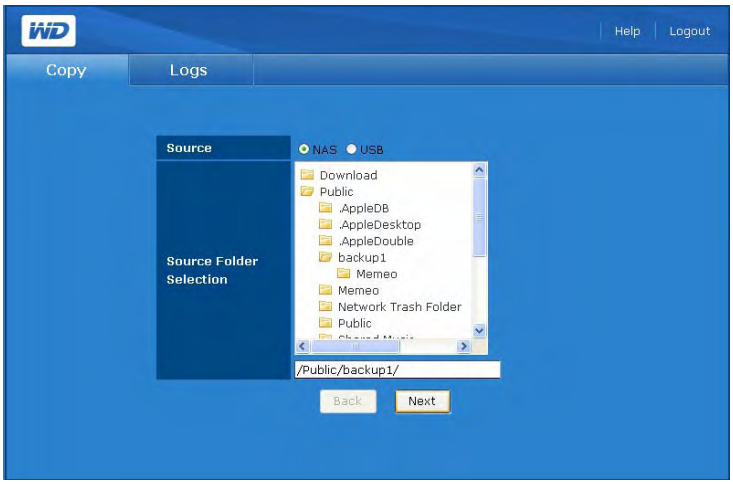
1. In the **Tools** list, click **Copy Manager**.
2. Enter the administrator name and password. The defaults are "admin" and "admin."
3. Select a language. ("English" is the default.)
4. Click **Login**.



My Book World Edition-to-USB Copy

The default operation for the Copy Manager is NAS to USB Copy.

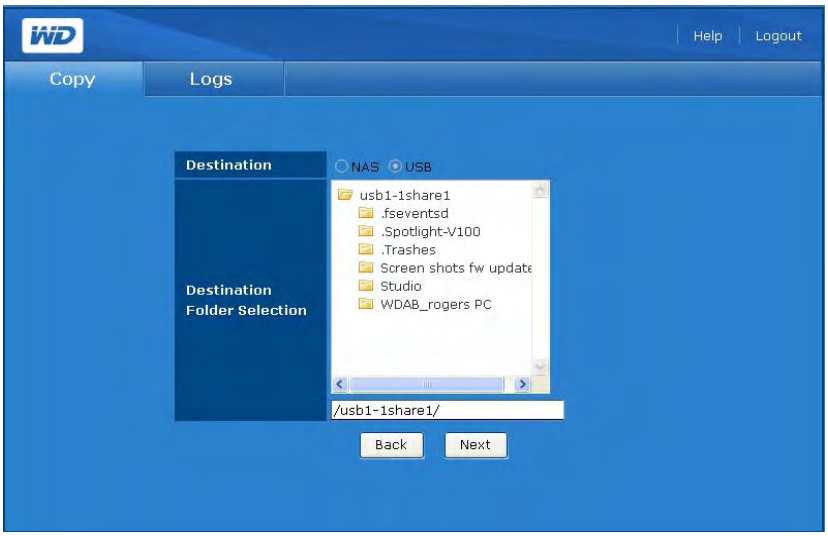
1. Select **NAS** as the **Source**.
2. Browse to the source folder in the **Source Folder Selection** list or enter the path manually. Click the **Next** button.



3. Select **USB** as the **Destination**.
4. Browse to the destination folder in the **Destination Folder Selection** list or enter the path manually. You can also create a new folder by entering “/folder name” after browsing to the end.

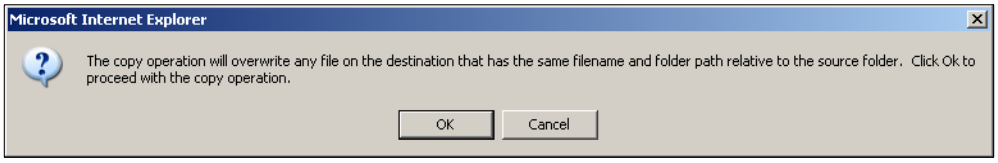
Note: You can only create new folders one level at a time.

5. Click the **Next** button.



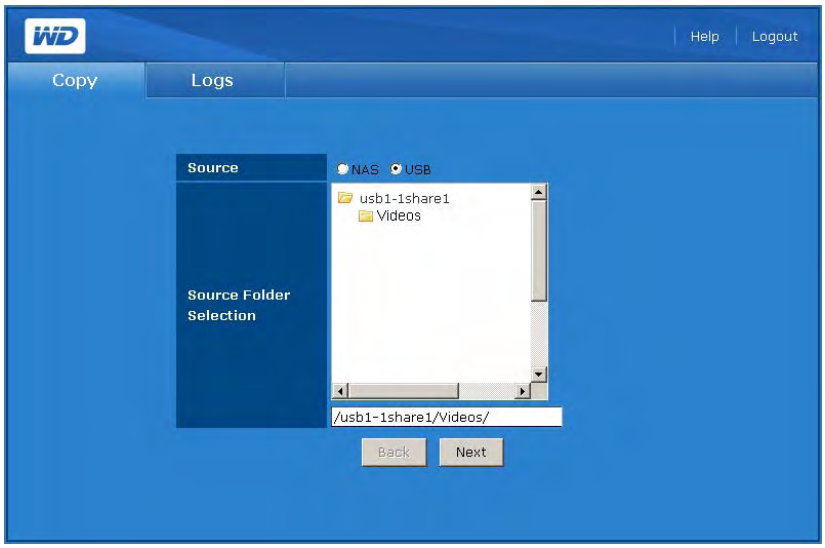
6. Click the **Start** button.

7. Click **OK**. Any file on the destination drive with the same name as a file on the source drive is be overwritten.



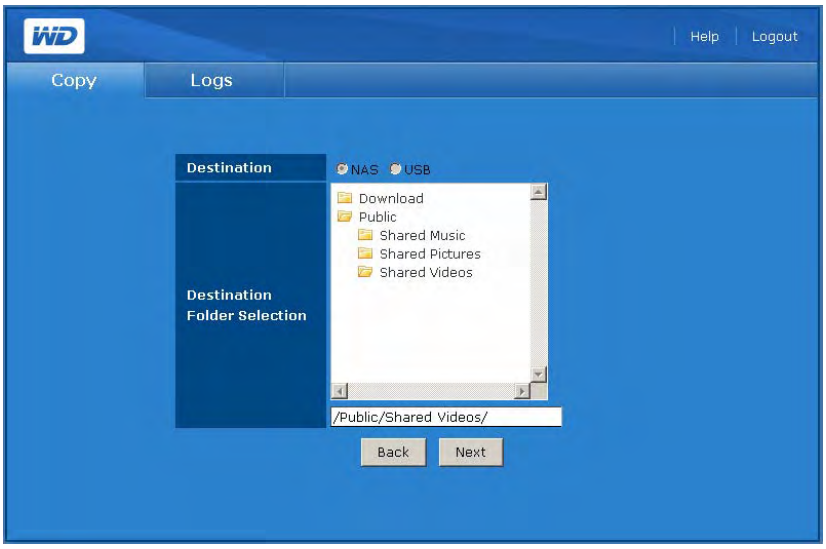
USB-to-My Book World Edition Copy

1. Select **USB** as the source.
2. Browse to the source folder in the **Source Folder Selection** list or enter the path manually. Click the **Next** button.



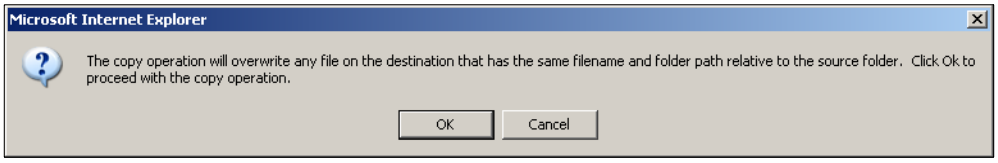
3. Select **NAS** as the destination.

4. Browse to the destination folder in the **Destination Folder Selection** list or enter the path manually. Click the **Next** button.

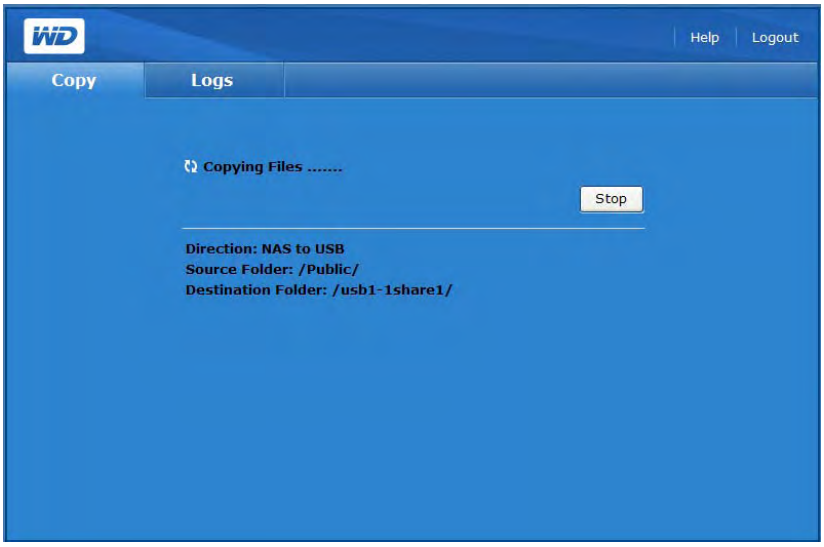


5. Click the **Start** button.

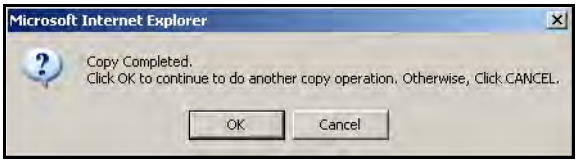
6. Click **OK**. Any file on the destination drive with the same name as a file on the source drive is overwritten.



7. The copy operation begins. Click the **Stop** button if you wish to stop the copy.



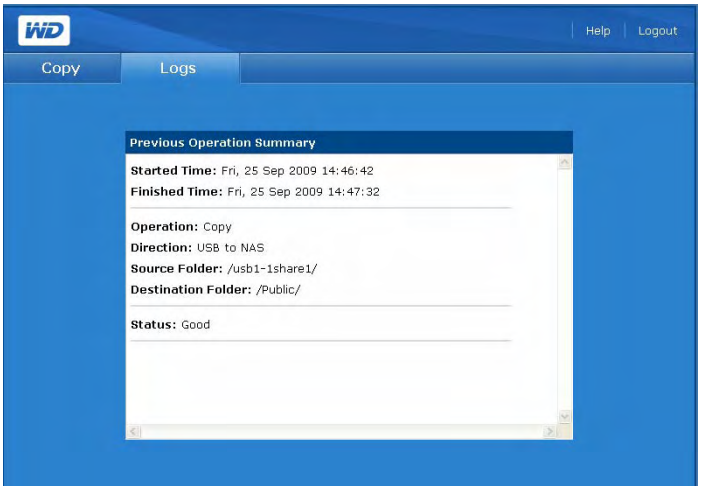
8. Click **OK**.



Copy Logs

The **Logs** tab provides a record of all copy activities for the session.

1. To view a log of copy activities, click the **Logs** tab to display:



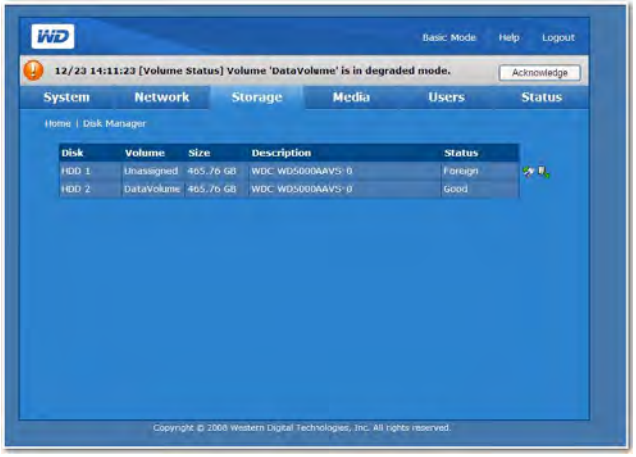
13 Replacing a Drive (My Book World Edition II)

My Book World Edition II is a limited user-serviceable product which allows for servicing one or both internal hard drives in the enclosure.

Important: Only WD Caviar® Green™ hard drive assemblies can be inserted into the My Book World Edition enclosure. Visit support.wdc.com and search the knowledge base article 2569 for detailed instructions on obtaining a replacement drive for this product. Use only WD hard drive assemblies or your warranty will be voided.

If the LEDs on the unit are flashing, a network drive may be faulty. To determine which drive is faulty, do the following:

1. Open WD Discovery and select the unit.
2. Click **Configure** and log in.
3. Click the **Advanced** view and then click the **Storage** tab.
4. Click the **Disk Manager** icon.



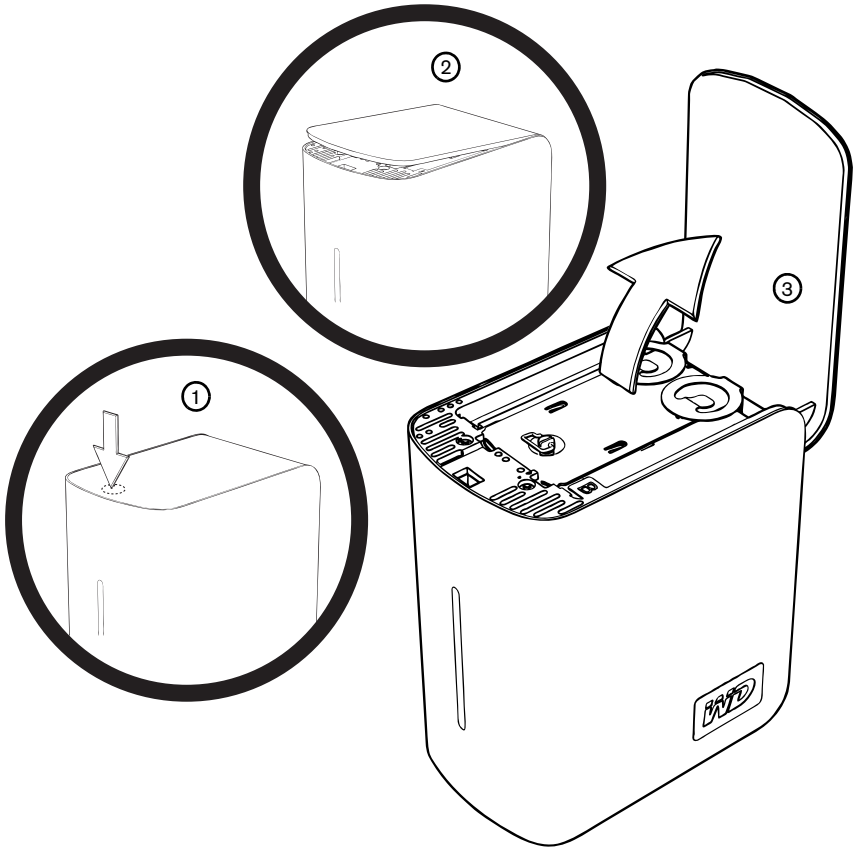
The “Unassigned” drive is the defective one. The number corresponds to the A or B color coded decal on the drive, as shown on the next page.

In the event a fault occurs and you would like to service the device yourself, visit WD Technical Support at *support.wdc.com* and search the knowledge base article 1709 for detailed instructions on obtaining a replacement drive. When contacting Technical Support, have the following items ready: My Book serial number, date of purchase, and the serial number of the internal hard drive(s) which require replacement. Once you have received the replacement drive(s), follow the steps below to service the dual-drive storage system.

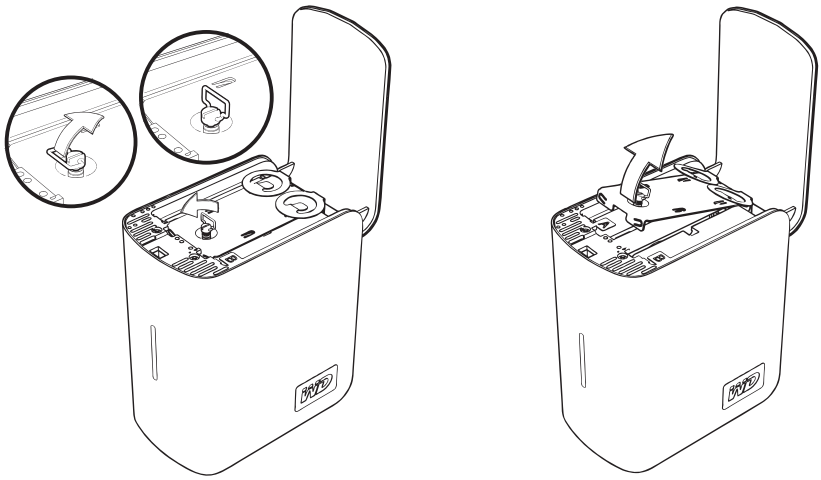
Important: To avoid electrostatic discharge (ESD) problems, ground yourself by touching the metal chassis of the computer before handling the device.

Before getting started, power off the unit and disconnect all of its cables.

1. Place the unit on a clean and stable surface.
2. Using your thumb, firmly push down on the top front panel of the unit to release the latch and open the cover.

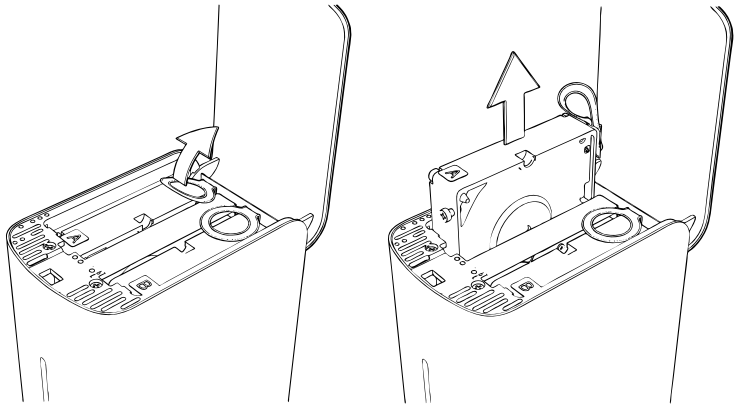


3. Loosen the thumbscrew that secures the drive cover plate. Remove the drive cover plate and set aside.

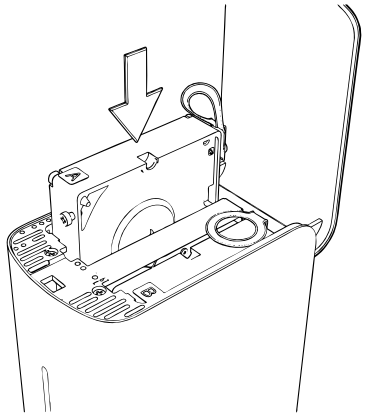


Note: Each drive is designated A or B by a color coded decal.

4. Locate the drive you wish to replace (A or B). Using the pull tab, carefully and slowly pull the drive assembly up and out of the enclosure and set aside.

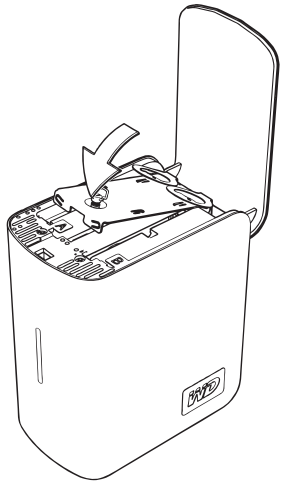


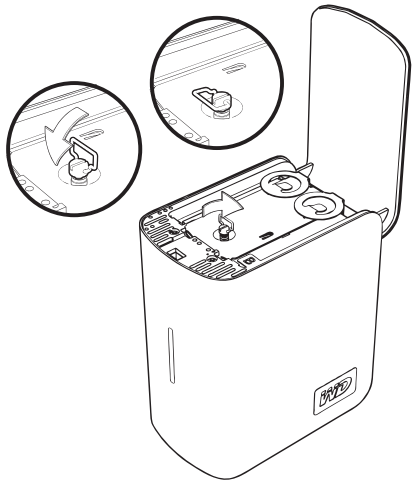
5. Gently slide the replacement drive assembly into the drive slot until is fully inserted.



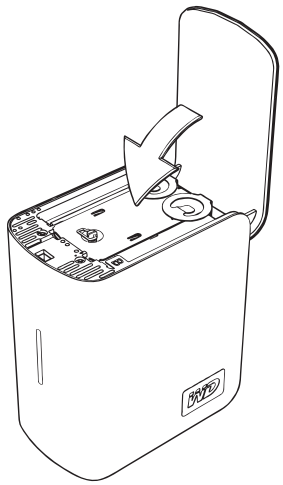
6. Replace the cover plate by sliding it under and between the pull tabs and securing it with the thumbscrew.

Note: Do not overtighten the thumbscrew.





7. Close the cover and firmly push down until it locks into place.



8. Reconnect only the power cable to the device. Do not connect computer interface cables.
9. The drive starts the rebuild process automatically and the LEDs cycle from bottom to top. The RAID rebuild may take up to 12 hours depending on drive capacity and activity, but typically completes in 5-7 hours. Allow the RAID rebuild to complete.

Important: Do not attempt to use the device during the rebuild process.

10. Once complete, the LEDs glow steadily to indicate power-on state.
11. Connect the interface cable.
12. Return the faulty drive following the instructions provided in the WD knowledge base article# 1709.

Important: Do not disassemble the internal drive and attached assembly components. Return the entire internal drive assembly intact to WD.

14 Troubleshooting

For any issue, first ensure that you are using the latest firmware for My Book World Edition. The latest firmware includes the latest network and SATA disk drivers. See “Update (Firmware)” on page 107 for instructions.

First steps checklist

- AC power available at the wall outlet?
- Is the power supply plugged in?
- Check the DC cable(s) on the back of the chassis and the AC source.
- Check the cable from the wall to the power supply and the cable from the power supply to the chassis.
- Are all cables correctly connected and secured?
- Are all peripheral devices installed correctly?
- Are all device drivers properly installed?
- Did you press the power button on the front panel to turn the device on (power indicator should be lit)?
- Is the power cord properly connected to the device and plugged into an outlet for 100-127 V or 200-240 V?

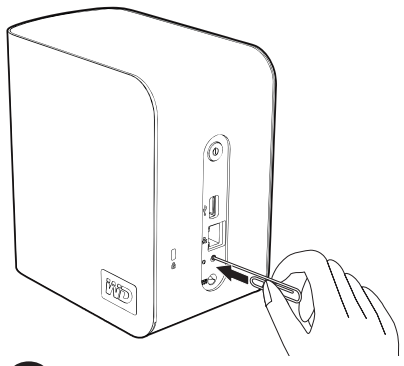
Resetting the My Book World Edition

To reset the system using the reset button:

If you have forgotten your password, or if the network is misconfigured, pressing the reset button while the device is powered up resets the admin user name, admin password, and IP settings to the default values without erasing shared folders or volumes. Follow the instructions below to reset the device using the recovery button.

WARNING: Do not move the unit while it is turned on.

1. Carefully turn the device around so that you have access to the back of the unit.
2. With the device powered on, insert a paperclip or narrow tipped pen into the reset button slot on the back of the unit.
3. Press and hold down the reset button for four seconds. The device reboots (this may take up to three minutes).



Note: The default user name and password is **admin**.

To reset the system to factory default settings:

Performing a factory default reset using the Network Storage Manager erases all settings, shares, and data files in the My Book World Edition. All information and data is lost. For detailed instructions, see “To restore the device to factory defaults:” on page 112.

Hardware Diagnostic Testing

This section provides a detailed approach to identifying a hardware problem and locating its source.

WARNING! Before disconnecting any peripheral cables from the system, turn off the My Book World Edition and any external peripheral devices. Failure to do so can cause permanent damage to the My Book World Edition and/or the peripheral devices.

1. Turn off the My Book World Edition and all external peripheral devices.
2. Make sure the power cord is plugged into a properly grounded AC outlet.
3. Turn on the device. If the power indicator on the front panel does not light, see *“LEDs do not light up.” on page 174*.

Specific Problems and Corrective Actions

The following contains specific problems that may arise during the use of the My Book World Edition. Possible solutions are listed for each problem.

LEDs do not light up.

Do the following:

- Make sure the power button on the rear of the device is turned on.
- Make sure the power cord is connected correctly.
- Make sure that the wall outlet has power. Test it by plugging in another device.

System cannot connect to a network and network status indicator does not light.

- Make sure the network cable is securely attached to the correct connector on the rear panel of the device.
- Try a different network cable.
- Make sure the network switch or router has power.
- Check the cabling and network equipment to make sure that all cables are properly connected.
- Try another port on the switch.

Network Storage Manager does not appear when I click Configure in WD Discovery.

Make sure JavaScript is enabled in your browser. See your browser’s Help menu for instructions.

I received a banner warning message, e-mail alert, or pop-up screen indicating a failed volume.

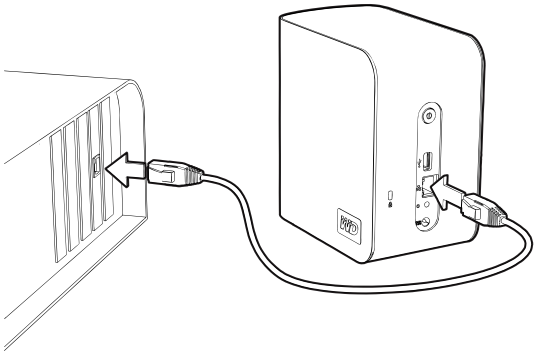
Do the following:

1. Verify hard drive status in the Disk Manager icon. See “Disk Manager” on page 123. If the status of any drive is “Failed,” visit WD Technical Support at *support.wdc.com* and search the knowledge base article 2569 for detailed instructions on obtaining a replacement drive.
2. If Disk Manager does not indicate that a hard drive has failed, power the device off and on.
3. If the volume that failed is a new volume, try rebuilding the RAID array. See “Manage RAID (My Book World Edition II)” on page 126 for details. If this does not resolve the problem, visit WD Technical Support at *support.wdc.com* and search for the knowledge base article 2569 for detailed instructions on obtaining a replacement drive.

My router has failed or is not available. How do I access my data in the device?

Do the following:

1. Connect the device directly to the computer's Ethernet port.



2. Launch WD Discovery Tool and see “Mapping a Network Drive” on page 75 for instructions on how to access data in the device.

I received the message “iTunes server cannot find the path to Shared Music.”

The iTunes server service requires the presence of the /Public/Shared Music share folder. Do not rename or delete Shared Music if you want to use the iTunes server. You must recreate or rename the ‘/Public/Shared Music’ share if it has been deleted or renamed.

I cannot start WD Discovery to access the configure feature.

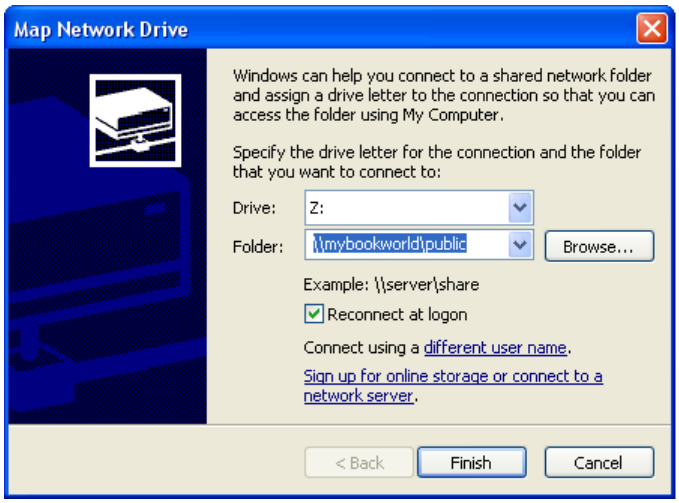
Do the following:

1. Click **Start>Run**.
2. Type \\mybookworld, and then click **OK** (if the device name was changed, type \\yournewdevicename).
3. The My Book World Edition directory displays (Public, Configuration, and Download folders). Double-click the Configuration folder.
4. Double-click index.html. The configuration login screen displays.

My router has failed. How do you map the drive letter without WD Discovery Tool?

Do the following:

1. Connect the device directly to the computer's Ethernet port.
2. Double-click **My Computer**.
3. Click **My Network Places**.
4. On the **Tools** menu, point to **Map Network Drive**.
5. Leave the default drive set to Z.
6. In the **Folder** drop-down list, select \\device name\public.



7. Click the **Finish** button.
8. Go back to the opening window of **My Computer** to view the public folder of your device under **Network Drives**.

I want to install Windows drivers on my Windows Vista/Windows 7 computer without access to Windows update:

1. Insert the My Book World Edition CD and right-click the My Book World Edition icon in My Computer.
2. For the two-drive model, click **Open>WD_Windows>Tools> WD_Rally_Drivers> PnPxNas-2NC. Right-click PnPxNas-2NC.inf** and click **Install**.
3. For the one-drive model, click **Open>WD_Windows>Tools> WD_Rally_Drivers> PnPxNas-1NC. Right-click PnPxNas-1NC.inf** and click **Install**.

I am unable to play music, videos and/or view pictures through my digital media adapter.

The media adapter requires the presence of the /Public/Shared Music /Public/ Shared Pictures and /Public/Shared Videos share folder. Do not rename or delete the shared folders if you want to use the media adapter. You must recreate or rename the share if it has been deleted or named something else.

Because there are many kinds of file formats for pictures, videos and music, your particular digital media adapter may not support a format to play or display it.

Depending on the digital media adapter device (for example, Xbox 360 or PlayStation 3) that you have, you may need to update your device with the proper CODECs to support the media format that you want to play. Please refer to your digital media adapter's user manual for further information of how to locate and update CODECs.

System Events

The following table describes the event types that are recorded in the system log.

Event type and ID	State	Value	Critical	Warning
System events				
Startup	[none]			
Abnormal Shutdown	[none]			✓
Shutdown	[none]			✓
Reboot	[none]			✓
Software Update	Succeeded	Version		
Software Update	Failed			✓
Factory Default	Succeeded			
Thermal events				
Thermal 1	Normal	Degrees		
Thermal 1	Exceeded the threshold (Overheated)	Degrees	✓	✓
HDD SMART events				
HDD [1,2]	HDD SMART OK			
HDD [1,2]	HDD SMART fail		✓	✓
Volume events				
Volume	Sent if volume could not be recovered		✓	✓
Volume	Volume doesn't exist		✓	✓
Volume	Volume created			✓
Volume	Volume deleted			✓
Volume	Volume modified			
Volume events (My Book World Edition II)				
Volume	RAID volume in normal mode			
Volume (Span)	Volume Extend Failed		✓	✓
Volume	Volume Resync Failed		✓	✓
Volume (RAID 1)	RAID volume in degraded mode		✓	✓
Volume (RAID 1)	RAID volume resyncing	Progress		✓
Volume usage events				
Volume [1,2]	Volume has 25~100% free capacity			

Event type and ID	State	Value	Critical	Warning
Volume [1,2]	Volume has more than 10% free capacity			
Volume [1,2]	Volume has more than 5% free capacity			
Volume [1,2]	Volume has reached 80% capacity			✓
Volume [1,2]	Volume has reached 95% capacity		✓	✓
Volume [1,2]	Volume has reached full capacity		✓	✓
Volume [1,2]	Volume had NOT been mounted			
Network events				
LAN 1	Link Ok	Speed (Mbps: 1000/100/10)		
LAN 1	Link down			✓
LAN 1	Use dynamic IP address got from DHCP	IP address		
LAN 1	Can not get IP address from DHCP, use default	IP address		
LAN 1	Cannot get IP address from DHCP server, use zeroconf.	IP address		
USB events				
USB [1]	Copy Manager did not finish because external drive is full		✓	✓
USB [1]	USB disk insertion			
USB [1]	USB disk safely removed			
USB [1]	USB disk unsafely removed			✓
USB [1]	USB disk format OK			
USB [1]	USB disk format fail		✓	✓
User events				
[User ID]	User quota is normal			
[User ID]	User quota reached 90%			
[User ID]	User quota is full			✓
[User ID]	User created			
[User ID]	User deleted			
[User ID]	User modified			
Group events				
[Group ID]	Group created			
[Group ID]	Group deleted			✓
[Group ID]	Group modified			

Event type and ID	State	Value	Critical	Warning
Other events				
Volume [1,2]	Volume extend failed		✓	✓
Volume [1,2]	Volume resync failed		✓	✓

Glossary

AFP — Apple Filing Protocol. The network protocol for sharing files and file services in an AppleTalk network.

CTorrent — A computer program for downloading and uploading large files among peers without the strain on their computers normally experienced with standard Internet transfers. The person downloading the file receives pieces of the file from multiple people who have downloaded the entire file (seeders) or have only part of the file.

CIFS — Common Internet File System. The recommended file sharing protocol for Windows platform allows users to access shares through My Network Places. Mac OS X or later also supports the CIFS protocol. See also *Protocol*.

DHCP — Dynamic Host Configuration Protocol. A protocol for assigning IP addresses to devices on a network. With dynamic addressing, a device can have a different IP address each time it connects to the network. In some systems, the device's IP address even changes while it is still connected. DHCP also supports a mix of static and dynamic IP addresses. See also *Protocol*.

DLNA — Digital Living Network Alliance. The group of consumer electronics, computing industry, and mobile device companies that sets standards for product compatibility, thus enabling users to share content in their home.

DMA — Digital Media Adapter. A device that gives home entertainment devices the ability to transfer media such as music, photos, videos to and from other devices over the network.

DNS — Domain Name Service. A system that allows a network name server to translate text host names into numeric IP addresses used to uniquely identify any device connected to the Internet.

ESD — Electrostatic discharge.

Ethernet — A standard method of connecting computers to a Local Area Network (LAN) using coaxial cable.

Extended Partition — A partition on a disk where non-system files (other than DOS or operating system files) can be stored. Multiple partitions can be created on a hard disk: one primary partition and one or more extended partition(s). Operating system files must reside on the primary partition; logical drives can be created on an extended partition.

FAT — File Allocation Table. A data table stored at the beginning of each partition on a disk and used by the operating system to determine which sectors are allocated to each file and in which sequence.

FAT32 — A file allocation table system with a maximum file transfer of 4 GB and a maximum partition size of 32 GB.

File Transfer Protocol (FTP) — A network protocol used to transfer data from one computer to another through a network. FTP is a popular choice for exchanging files independent of the operating systems involved.

GreenPower™ Technology — Engineering technology developed by WD to bring more energy-efficient hard drive options to our customers. WD hard drives with GreenPower technology yield average power savings of 4-5 watts over competitors' drives while maintaining solid performance.

Host — The computer to which other computers and peripherals connect.

Host Adapter — A plug-in board that acts as an interface between a computer system bus and a hard drive.

Host Interface — The point at which a host and a drive are connected to each other.

Host Transfer Rate — The speed at which a host computer can transfer data across an interface.

HTTP — Hypertext Transfer Protocol. Protocol used by the World Wide Web to transfer information between servers and browsers. See also *Protocol*.

HTTPS — Hypertext Transfer Protocol over Secure Socket Layer. A protocol that provides a more secure means of configuring your device than HTTP, but may affect the responsiveness of the user interface. All traffic between the managing computer and the My Book World Edition is encrypted. See also *Protocol*.

Hub — In a network, a device joining communication lines at a central location, providing a common connection to all devices on the network.

Identity LED — Indicates which My Book World Edition in the network is currently being accessed via WD Discovery.

Interface — A hardware or software protocol to manage the exchange of data between a device and a computer; the most common ones are EIDE (also known as PATA), SATA, and SCSI. See also *Protocol*.

JBOD — Just a Bunch Of Disks. A collection of hard disks provided as separate volumes. They are not configured according to RAID, so they have no redundancy capabilities to enable recovery if data becomes corrupted.

IP — Internet Protocol. A system that controls how data messages are separated into packets, routed from the sender, and reassembled at the destination. See also *Protocol*.

IP address — A 32-bit, binary number that uniquely identifies a computer connected to the Internet.

LAN — Local Area Network. A system in which computer users in the same company or organization are linked to each other and often to centrally-stored collections of data in LAN servers.

LED — Light-emitting Diode. An electronic device that lights up when electricity is passed through it.

Media Server — Device that stores and shares media files (digital audio, digital video, and digital photos).

Media Storage — Device that stores media files (digital audio, digital video, and digital photos).

Memory — A device or system capable of storing and retrieving data.

MioNet® — WD remote computer access service. Adding MioNet to your home or work computer allows you secure and instant access from any PC in the world back to your computer. You can use your applications and access and share files on your computer or storage device from anywhere.

Mirroring — The process of generating an exact copy of saved data from one drive to another drive within a RAID 1 system. Each drive can be accessed and read separately. A mirrored drive can be removed from a system while the other drive(s) are still active. See also *RAID 1*.

MP3 — MPEG-audio layer 3. A digital audio coding scheme for distributing music over the Internet.

Multi-user — A system in information technology that enables more than one user to access data at the same time.

NAS — Network Attached Storage. Hard disk storage that is set up with its own network address rather than being attached to the computer that is serving network workstation users.

NAT — Network Address Translation. Used in gateway devices that form the boundary between the public Internet and the private LAN. As IP packets from the private LAN traverse the gateway, NAT translates a private IP address and port number to a public IP address and port number, tracking those translations to keep individual sessions intact.

Network Computer — A computer that communicates with a central data storage facility such as a server or RAID system.

NFS — Network File System. A network file system protocol that allows a user on a client computer to access files over a network as easily as if the network devices were attached to its local disks. Normally associated with UNIX systems. See also *Protocol*.

NTFS — NT File System. A file system, designed for Windows® NT, that supports long filenames, security access control, recovery, and other features.

NTP — Network Time Protocol. A protocol for synchronizing the clocks of computers and equipment over a network. See also *Protocol.*

Operating System — Software that allows users and programs installed on your system to communicate with computer hardware such as a hard drive.

Partition — A logical division on a hard drive that the operating system treats as a separate hard drive. Each partition is assigned a unique drive letter.

Port (Hardware) — A specialized outlet on a device for connecting to other devices using a cable or a plug. Ethernet ports, power ports, and USB ports are examples.

Protocol — A convention of data transmission that defines timing, control format, and data representation.

RAID — Redundant Array of Independent Disks. A grouping of hard drives in a single system to provide greater performance and data integrity.

RAID 0 — RAID protocol in which data is striped across multiple hard drives, enabling the accelerated reading and recording of data by combining the work of two or more drives to increase performance. See also *Striping*.

RAID 1 — RAID protocol in which two copies of the data are instantaneously recorded — each on separate hard drives. RAID 1 ensures the protection of users' data because in the event that one of the hard drives fails, the other hard drive(s) continue to read and write data until the faulty hard drive is replaced and rebuilt to once again safely mirror the data. See also *Mirroring*.

RAM — Random Access Memory. Memory that allows any storage location to be accessed randomly, as opposed to sequential access devices such as tape drives.

ROM — Read-Only Memory. An integrated circuit memory chip containing programs and data that the computer or host can read but cannot modify. A computer can read instructions from ROM but cannot store data in ROM.

Share — A folder that can be used to organize and store files on your My Book World Edition. Shares can be shared with everyone (public) or with selected users on your network (private).

SMB — Server Message Block. File-sharing protocol for Windows platform that allows users to access shares through My Network Places. Mac OS X or later also supports the CIFS protocol. See also *Protocol*.

SMTP — Simple Mail Transfer Protocol. Standard for transferring e-mail across the Internet. See also *Protocol*.

Spanned — Combines drives in a linear fashion to create one large logical volume. A spanned drive is like a single, bigger drive, in that files written to the volume earlier go to the “beginning” of the volume, on the first physical drive. If one of the drives fails, all data is lost.

SSH — Secure Shell. A network protocol that uses encryption and authentication keys to enable two devices on the network to exchange data securely. See also *Protocol*.

SSL — Secure Socket Layer. A protocol that provides authentication and encryption services between a web server and a web browser. See also *Protocol*.

Streaming Media — Media such as audio, video, and photos that are constantly received while being delivered by a streaming provider.

Striping — The spread of data over multiple hard drives to improve performance. See also *RAID 0.*

TCP/IP — Transmission Control Protocol/Internet Protocol. A set of protocols for communication over interconnected networks. The standard for data transmission over networks. See also *Protocol*.

Twonky Media Server — A server application that searches for all the media (for example, videos, photos, and music) stored on the My Book World Edition connected to your home network.

UPnP — Universal Plug n Play. A set of computer network protocols that simplify the implementation of networks in the home by allowing devices to connect seamlessly. See also *Protocol*.

UPnP NAT Traversal — Combines UPnP and NAT features.

USB — Universal Serial Bus. A serial bus for connecting peripherals to a microcomputer. It connects external drives, printers, modems, mice, keyboards, etc., through a single, general-purpose port. It can automatically add and configure new devices without having to shut down and restart the system.

USB 2.0 — For most PCs, the standard interface is USB. Hi-Speed USB (USB 2.0) supports data transfer rates up to 480Mb/s. USB 2.0 is backward-compatible with USB 1.1. — If you connect to a USB 1.1 device, data is transferred at USB 1.1 speed (up to
1.1 Mb/s).

WAN — Wide Area Network. A computer network that crosses metropolitan, regional, or national boundaries.

WD Anywhere Backup — WD backup software that allows the user to set up continuous backup of all or selected files for up to five computers in a network. This feature backs up your data to the My Book World Edition so you can restore your data in the event that a computer's hard drive crashes.

WD Discovery™ — WD software application that allows the host computer to find one or more WD My Book World Editions in the same network segment.

Appendix

Regulatory Compliance

FCC Class B Information

This device has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This unit generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. Any changes or modifications not expressly approved by WD could void the user's authority to operate this equipment.

The following booklet, prepared by the Federal Communications Commission, may be helpful: *How to Identify and Resolve Radio/TV Interference Problems*. This booklet is Stock No. 004-000-00345-4 available from the US Government Printing Office, Washington, DC 20402.

The provided Ethernet cable must be used between the unit and network connection to comply with FCC Part 15 Class B and EN-55022 Class B.

ICES/NMB-003 Compliance

Cet appareil de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Canadian ICES-003 Class B.

Safety Compliance

Approved for US and Canada. CAN/CSA-C22.2 No. 60950-1, UL 60950-1: Safety of Information Technology Equipment.

Approuvé pour les Etats-Unis et le Canada. CAN/CSA-C22.2 No. 60950-1 : Sûreté d'équipement de technologie de l'information.

This product is intended to be supplied by a listed limited power source, double insulated, or direct plug-in power unit marked “Class 2.”

CE Compliance for Europe

Verified to comply with EN55022 for RF emission; EN-55024 for Generic Immunity, as applicable; and EN-60950 for Safety.

Environmental Compliance (China)

	元素					
部件类型	PB	Hg	Cd	Cr VI	PBB	PBDE
PCB	O	O	O	O	O	O
底盘 (外壳+页面)	O	O	O	O	O	O
机械装配 (HDD 托架+EMI)	O	O	O	O	O	O
处理器模块 Oxford SOC	O	O	O	O	O	O
电池	X	O	O	O	O	O
存储设备: HDD	X	O	O	O	O	O

O: 表示此部件所用的所有均质材料中包含的此有害物质含量低于 MCV 标准中的限量要求。

X: 表示此部件所用的均质材料中至少有一种材料所含的此有害物质含量高于 MCV 标准中的限量要求。在括号中，X 的后面将列出 WD 采用符合的替换

Warranty Information

Obtaining Service

WD values your business and always attempts to provide you the very best of service. If this Product requires maintenance, either contact the dealer from whom you originally purchased the Product or visit our product support website at *support.wdc.com* for information on how to obtain service or a Return Material Authorization (RMA). If it is determined that the Product may be defective, you will be given an RMA number and instructions for Product return. An unauthorized return (i.e., one for which an RMA number has not been issued) will be returned to you at your expense. Authorized returns must be shipped in an approved shipping container, prepaid and insured, to the address provided on your return paperwork. Your original box and packaging materials should be kept for storing or shipping your WD product. To conclusively establish the period of warranty, check the warranty expiration (serial number required) via *support.wdc.com*. WD shall have no liability for lost data regardless of the cause, recovery of lost data, or data contained in any Product placed in its possession.

Limited Warranty

WD warrants that the Product, in the course of its normal use, will be free from defects in material and workmanship for a period of three (3) years, unless otherwise required by law, and will conform to WD's specification therefor. This limited warranty period shall commence on the purchase date appearing on your purchase receipt. WD shall have no liability for any Product returned if WD determines that the Product was stolen from WD or that the asserted defect a) is not present, b) cannot reasonably be rectified because of damage occurring before WD receives the Product, or c) is attributable to misuse, improper installation, alteration (including removing or obliterating labels and opening or removing external enclosures, including the mounting frame, unless the product is on the list of limited user-serviceable products and the specific alteration is within the scope of the applicable instructions, as found at *support.wdc.com*), accident or mishandling while in the possession of someone other than WD. Subject to the limitations specified above, your sole and exclusive warranty shall be, during the period of warranty specified above and at WD's option, the repair or replacement of the Product. The foregoing warranty of WD shall extend to repaired or replaced Products for the balance of the

applicable period of the original warranty or ninety (90) days from the date of shipment of a repaired or replaced Product, whichever is longer.

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Western Digital
20511 Lake Forest Drive
Lake Forest, California 92630 U.S.A.

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