

# USER GUIDE

## Network Storage System with 2 Bays



Model: **NAS200**

# About This Guide

## Icon Descriptions

While reading through the User Guide you may see various icons that call attention to specific items. Below is a description of these icons:



**NOTE:** This check mark indicates that there is a note of interest and is something that you should pay special attention to while using the product.



**WARNING:** This exclamation point indicates that there is a caution or warning and it is something that could damage your property or product.



**WEB:** This globe icon indicates a noteworthy website address or e-mail address.

## Online Resources

Website addresses in this document are listed without **http://** in front of the address because most current web browsers do not require it. If you use an older web browser, you may have to add **http://** in front of the web address.

Resource	Website
Linksys	<a href="http://www.linksys.com">www.linksys.com</a>
Linksys International	<a href="http://www.linksys.com/international">www.linksys.com/international</a>
Glossary	<a href="http://www.linksys.com/glossary">www.linksys.com/glossary</a>
Network Security	<a href="http://www.linksys.com/security">www.linksys.com/security</a>

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# Chapter 1: Product Overview

Thank you for choosing the Linksys Network Storage System with 2 Bays. It features two SATA hard drive bays so you can add storage space to your network. There are also two USB ports that let you add USB hard drives for additional storage space, or you can connect a USB flash disk to access your portable files. (USB hard drives may require external power supplies.)



**WARNING:** Do not block the air vents, and do not stack devices on top of the Network Storage System; otherwise, overheating can occur.

(Air vents are located on the sides of the Network Storage System. Keep the area around the Network Storage System clear.)

## Front Panel



POWER

**POWER** (Green/Orange) The POWER LED serves multiple purposes. It flashes green when the Network Storage System boots up, shuts down, prepares a disk, or scans a disk. The LED flashes green and orange when the Network Storage System upgrades its firmware. It is continuously lit green when the Network Storage System is ready for use. The LED is continuously lit orange when there is an error. (See "Appendix A: Troubleshooting" for more information.)



ETHERNET

**ETHERNET** (Green) The ETHERNET LED serves two purposes. The LED is continuously lit when a device is connected through the Ethernet port. It flashes to indicate network activity.



ACT

**DISK ACT** (Green) The DISK ACT LED flashes when the Network Storage System is accessing data on the disk.



FULL

**DISK FULL** (Green) The DISK FULL LED flashes when available disk capacity is less than 2% of total capacity or lower than the number you set through the web-based utility.



1

**DISK 1** (Green) The DISK 1 LED serves two purposes. The LED is continuously lit when the hard drive in the top bay is ready for use. It flashes when the hard drive is reformatting or rebuilding with Disk 2 (RAID 1 mode).



2

**DISK 2** (Green) The DISK 2 LED serves two purposes. The LED is continuously lit when the hard drive in the bottom bay is ready for use. It flashes when the hard drive is reformatting or rebuilding with Disk 1 (RAID 1 mode).



USB

**USB 1-2** (Green) The USB LED serves multiple purposes. The LED is continuously lit when the USB device is connected through the corresponding port. It flashes when the Network Storage System is accessing the USB device. After the LED powers off, the USB device can be removed.



**Back Up Button** Press the Back Up button to initiate backup jobs specified by the backup software on your computer. (Your computer must be powered on for the jobs to run.)

## Back Panel



**POWER Button** Push the POWER button to power on or off the Network Storage System.



**POWER** The POWER port connects to the included power adapter.



**ETHERNET** The ETHERNET port connects to an Ethernet network device, such as a router or switch.



**USB 1** The USB 1 port connects to your USB storage device. Press the USB 1 button to eject the device from the USB 1 port. After the Network Storage System beeps once and the USB 1 LED powers off, you can remove the device.



**USB 2** The USB 2 port connects to your second USB storage device. Press the USB 2 button to eject the device from the USB 2 port. After the Network Storage System beeps once and the USB 2 LED powers off, you can remove the device.



- RESET** The RESET button has two functions:
- To reset the network settings, such as the IP address, of the Network Storage System, press and hold this button for two seconds. The Network Storage System resets to DHCP and tries to get an IP address from the DHCP server on your network. If there is no DHCP server on your network, the Network Storage System will be set to its default IP address, **169.254.xx.xx** (the x's represent randomly generated numbers). The Network Storage System beeps once to indicate that the reset has occurred.
  - To reset the password of the Network Storage System to its default value of admin, press and hold this button for 10 seconds. The Network Storage System beeps twice to indicate that the reset has occurred.

Drive Bay Doors

The drive bay door covers the opening of the drive bay, which holds the hard drive. Push together the clips to remove the drive bay door. Disk 1 is inserted into the upper bay, and Disk 2 is inserted into the lower bay.

Notification Sounds

The Network Storage System emits sounds to indicate different activities or status information.

Notification Sounds

Sound	Meaning
1 beep	Power or Reset button pushed USB device ready to be removed
2 beeps	Reset button pushed and held for over 10 seconds
3 beeps every 15 seconds for 3 minutes	Available disk capacity is less than 2% of total capacity or the number you set through the web-based utility (2 or 5 GB)

## Chapter 2: Configuration Using the Setup Wizard

After first-time installation of the Network Storage System with the Setup Wizard (located on the CD-ROM), the Network Storage System is ready for use. However, additional configuration is available with the Setup Wizard and web-based utility.

Use the Setup Wizard for the following tasks:

- Configure another computer to use the Network Storage System
- Add a second hard drive to the already configured Network Storage System
- Install backup software on your computer
- Access the web-based utility
- Install the Linksys Network Drive Mapping Utility
- Access the User Guide on the CD

Use the web-based utility for advanced configuration (refer to “Chapter 3: Advanced Configuration” for details).

### How to Access the Setup Wizard

1. Insert the Setup Wizard CD-ROM into your PC's CD-ROM drive. The Setup Wizard should run automatically, and the *Welcome* screen should appear. If it does not, click **Start** and then **Run**. In the field provided, enter **D:\SetupUtility.exe** (if “D” is the letter of your CD-ROM drive).
2. Click the **Click Here to Start** button.



Welcome Screen

3. You have multiple options on this screen:



Welcome Screen with Options

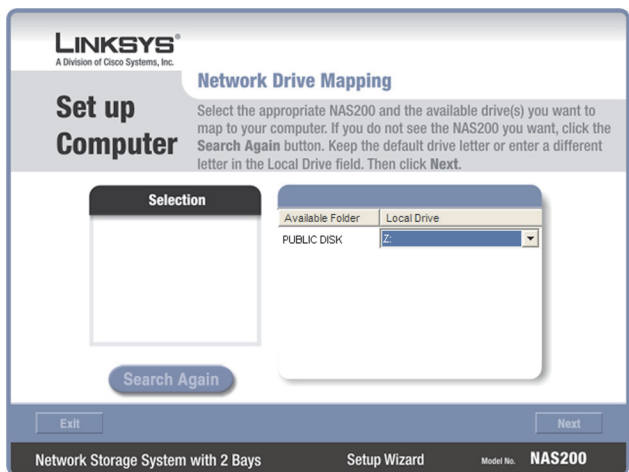
- **Set up NAS200** Install the Network Storage System for the first time. (The instructions are covered in the Quick Installation.)
- **Set up Computer** Configure another computer to use the Network Storage System.
- **Set up Second Drive** Add a second hard drive to the already configured Network Storage System.
- **Exit** Use this option to close the Setup Wizard.
- **Backup Software** Install a third-party program to run backup jobs.
- **Advanced Setup** Use this option to access the web-based utility.
- **Install Utility** Use this option to install the Network Drive Mapping Utility.
- **User Guide** Use this option to open the pdf of this User Guide.

### Set up Computer

Follow these instructions to configure another computer to use the Network Storage System.

1. Click **Set up Computer**.

- For the public folder, keep the default drive letter, or select a different letter from the drop-down menu. Click **Next**.



Map Network Drive

- To install the Linksys Network Drive Mapping Utility on your computer, click **Yes**.



Install Drive Mapping Utility

- The Setup Wizard automatically installs the utility. Click **OK**.



Drive Mapping Utility Installed

- The network drive(s) are mapped to your computer.

Click **Exit** to exit the Setup Wizard, or click **Next** to return to the *Welcome* screen.



Network Drive Mapped

The computer has been configured.

## Set up Second Drive



**NOTE:** Make sure your second hard drive is a 3.5-inch, Serial-ATA (SATA) hard drive.

If you plan to stripe (RAID 0) or mirror (RAID 1) your drives, then match the drive sizes for maximum drive use.



**WARNING:** Low-profile or half-height hard drives can be used at your own risk; however, Linksys does not support the use of these drives as they are not securely held in place inside the Network Storage System.

Follow the instructions to add a second hard drive to your previously configured Network Storage System. If you physically install a second drive without running the Setup Wizard, then the second drive will not be formatted. It will have to be manually formatted using the web-based utility (refer to "Chapter 3: Advanced Configuration").

1. Click **Set up Second Drive**.

Set up Second Drive

2. The Setup Wizard explains that these instructions cover the physical installation and drive configuration. Click **Next**.

Overview

## 3. To install the second hard drive:

- Power off the Network Storage System.
- Push together the clips, and remove the lower drive bay door.
- Lift up the ribbon.
- Make sure the connector side of the drive faces the bay, and the label side faces up.
- Make sure the drive is inserted under the ribbon.

Push the drive in until it snugly fits in the bay.

- Replace the drive bay door.
- Wait until you hear the Network Storage System beep twice. Then click **Next**.



Physical Installation of the Second Hard Drive

4. The Setup Wizard automatically searches for any Network Storage System on your network. If it is not detected, check its cable connections, and make sure it is powered on. Click **Search Again** to locate the Network Storage System.

Select the appropriate Network Storage System. Click **Next**.



Network Storage System Detected

5. Select the appropriate configuration for your drive usage:



**NOTE:** If you change the drive configuration setting (for example, from Separate Disks to RAID 1), both drives will be reformatted and all current data will be erased. Back up any pre-existing data before reconfiguring your drives.

- **Maximum Storage - Separate Disks** Drives seen separately.
- **Maximum Storage - Multiple Disks (JBOD/LVM)** Drives seen as a single virtual drive.
- **Maximum Security - Mirroring (RAID 1)** Requires two hard drives.
- **Maximum Speed - Striping (RAID 0)** Requires two hard drives.

Click **Next**.

Select Drive Configuration

6. Review the new settings. If they are correct, click **Save**. If you would like to change them, click **Back** to return to the previous screen.

Confirm New Settings

7. To confirm that you want to format your drives and erase all data on them, click **Next**.



**WARNING:** Before you format drive(s), back up pre-existing data because all data on your drive(s) will be erased when they are formatted.

If the drives have been previously formatted by the Network Storage System, click **Skip** to continue without reformatting.

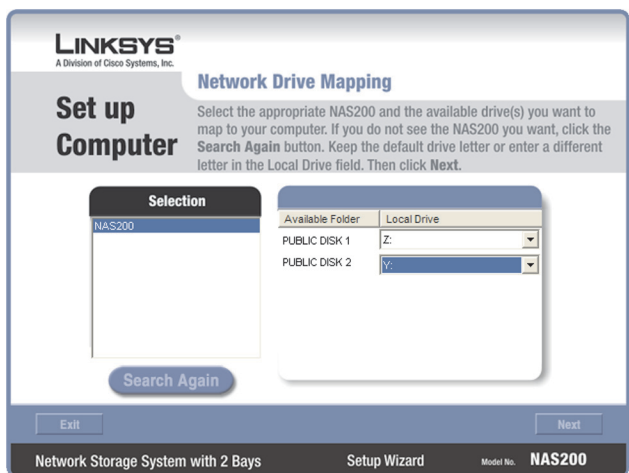
Confirm Formatting

8. Click **Set up Computer**.



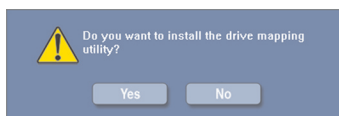
Set up Computer

9. For the public folder of the second hard drive, keep the default drive letter, or select a different letter from the drop-down menu. Click **Next**.



Map Network Drive

10. To install the Linksys Network Drive Mapping Utility on your computer, click **Yes**.



Install Drive Mapping Utility

11. The Setup Wizard automatically installs the utility. Click **OK**.



Drive Mapping Utility Installed

12. The network drive(s) are mapped to your computer.

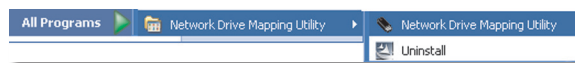
Click **Exit** to exit the Setup Wizard, or click **Next** to return to the *Welcome* screen.



Network Drive Mapped



**NOTE:** If the utility is already installed on your computer (you can see it in your list of programs), the Setup Wizard will skip the installation.



Program Folder

The second hard drive has been installed.

## Backup Software

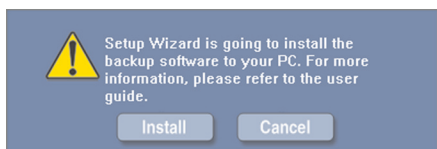
Follow these instructions to install a third-party program to run backup jobs.

1. Click **Backup Software**.



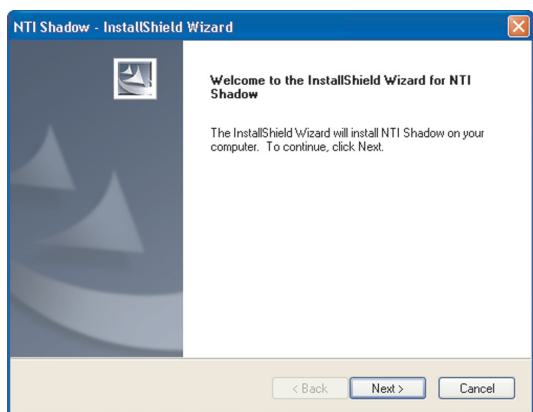
Backup Software

2. Click **Install**.



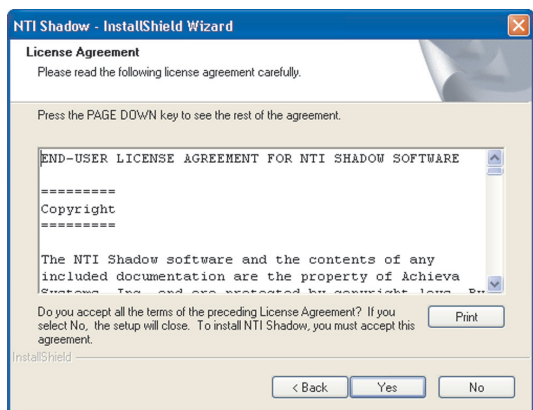
Install Backup Software

3. The InstallShield Wizard appears. Click **Next**.



Begin Installation of Backup Software

4. To accept the license agreement, click **Yes**.

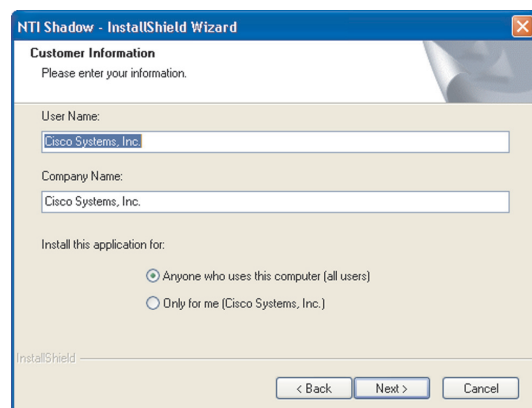


License Agreement

5. Enter your information in the *User Name* and *Company Name* fields. Then select the users of the backup software:

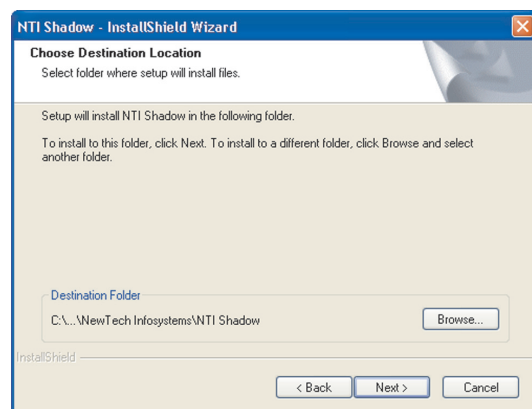
- **Anyone who uses this computer (all users)**
- **Only for me**

Click **Next**.



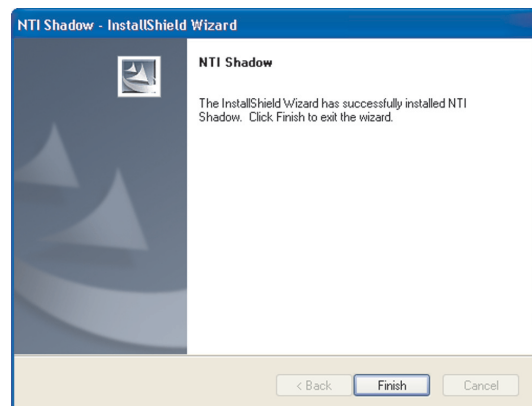
User Information

6. Keep the default installation folder, or click **Browse** to select a different folder. Click **Next**.



Choose Destination Location

7. The backup software is installed. Click **Finish**.



Backup Software Installed

Double-click the desktop icon to access the software.



Desktop Icon for Backup Software

For more information, click **Help** on the main menu of the backup software.

## Advanced Setup

Follow the instructions to access the web-based utility through the Setup Wizard.

1. Click **Advanced Setup**.



Advanced Setup

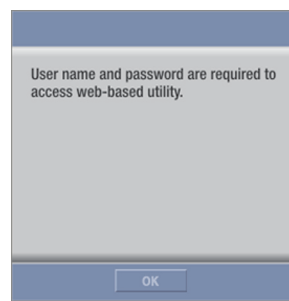
2. The Setup Wizard automatically searches for any Network Storage System on your network. If it is not detected, check its cable connections, and make sure it is powered on. Click **Search Again** to locate the Network Storage System.

Select the appropriate Network Storage System. Click **Next**.



Network Storage System Detected

3. The Setup Wizard notifies you that a user name and password are required for access. Click **OK**.



User Name and Password Required

4. Enter your information in the *User Name* and *Password* fields. Click **OK**.



Login Screen

Refer to "Chapter 3: Advanced Configuration" for details about the web-based utility.

## Install Utility

Follow these instructions to install the Network Drive Mapping Utility.

1. Click **Install Utility**.



Install Utility

2. Click **Yes**.



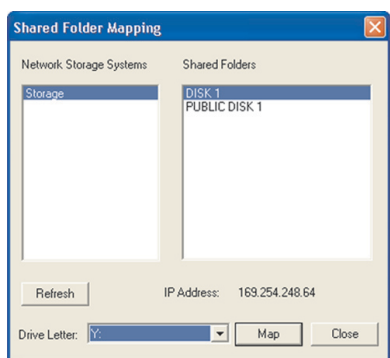
Install Drive Mapping Utility

3. The Setup Wizard automatically installs the utility. Click **OK**.



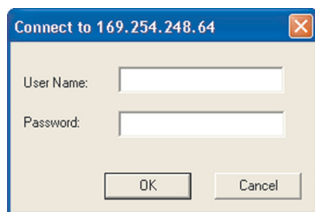
Drive Mapping Utility Installed

4. On the *Shared Folder Mapping* screen, select the appropriate Network Storage System.



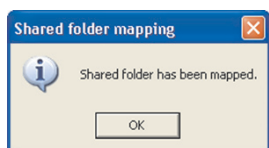
Map Network Drive

5. Select the appropriate shared folder. If you do not see the folder you want, click **Refresh**.
6. Keep the default drive letter, or select a different letter from the drop-down menu. Then click **Map**.
7. Enter your information in the *User Name* and *Password* fields. Click **OK**.



Login Screen

8. You are notified when the shared folder has been mapped. Click **OK**.



Shared Folder Mapped

9. The shared folder automatically opens in a separate window.

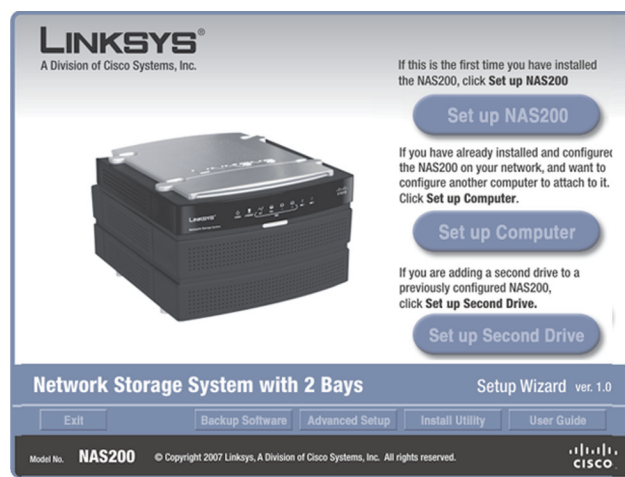
Repeat steps 5-8 to map additional network drives.

10. To exit the utility, click **Close** on the *Shared Folder Mapping* screen.

For more information about the utility, refer to "Chapter 4: Use".

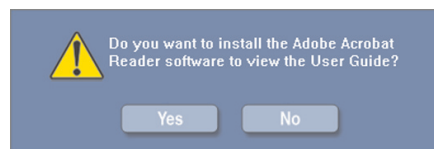
## User Guide

Click this option to access the pdf of this User Guide.



User Guide

To install Adobe Reader, click **Yes**. To cancel, click **No**.



Adobe Reader

## Chapter 3: Advanced Configuration



**NOTE:** When first installing the Network Storage System, you should use the Setup Wizard on the Setup CD-ROM. If you want to configure advanced settings, use this chapter.

After setting up the Network Storage System with the Setup Wizard (located on the CD-ROM), it is ready for use. If you want to change its advanced settings, use the web-based utility. This chapter describes each web page of the utility and each page's key functions. You can access the utility via a web browser on a computer connected to your network router.

On the homepage of the web-based utility, you have two options, **Access My Files** and **Administration Login**. Additional tabs will be available after you click one of the main options.

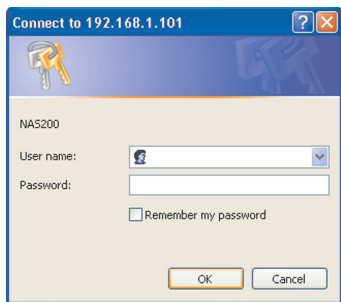
### How to Access the Web-Based Utility

To access the Network Storage System from any computer using a web browser, follow these instructions:

1. Open your web browser.
2. In the *Address* field, enter **http://<IP\_address\_of\_the\_Network\_Storage\_System>**. Press **Enter**.

If you do not know its IP address, then run the Setup Wizard. Click the **Click Here to Start** button. Then click **Advanced Setup**. Select the appropriate Network Storage System, and its IP address will be displayed. (For more information, refer to "Chapter 2: Configuration Using the Setup Wizard".)

3. A login screen appears. (Non-Windows XP users will see a similar screen.) Leave the *User name* field blank. The first time you open the web-based utility, use the default password **admin**. (You can set a new password from the *Access My Files > Personal Info* screen.) Click **OK** to continue.



Login Screen

The web-based utility appears.



Home Screen

### Home

On the homepage of the web-based utility, you have two options:

**Access My Files** Click this option to access folders or change your password.

**Administration Login** Click this option to manage the Network Storage System through the web-based utility.

### My Files > Files

To access folders or change your password:

1. Click **Access My Files**.
2. Enter your information in the *User Name* and *Password* fields.
3. Click **OK**.

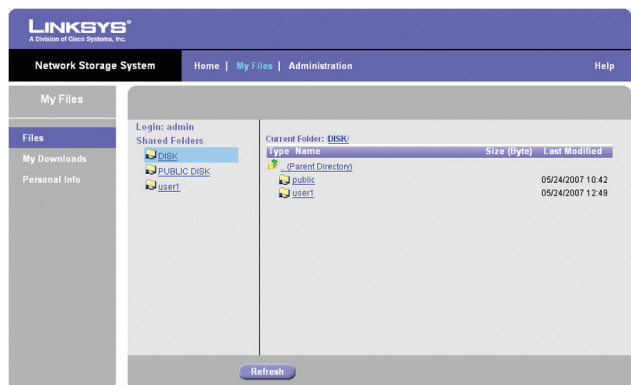
The *Files* screen automatically appears. You have two options available, *Files* and *Personal Info*, in the *My Files* column. If the *Download Manager* feature has been enabled through the *Administration > System Options* screen and your login has *Download Manager* access, then the *My Downloads* option will also be displayed.



**NOTE:** The *Download Manager* feature lets you specify download tasks for the Network Storage System. The advantage is that the Network Storage System can run the download task separately, without using your computer. For example, if you order a movie online, then you can have the Network Storage System—instead of your computer—download the movie.

## Login

The login you use to access your files is displayed.



My Files > Files

## Shared Folders

The *Files* screen displays a list of shared folders that you can access, according to your user account. Within a shared folder, users with access to that shared folder can create other folders and files.

**Public Folders** These are shared folders accessible to all users. Disk 1 and Disk 2 are listed as PUBLIC DISK 1 (Public Data) and PUBLIC DISK 2 (Public Data).

**Private Folders** These are your personal folder and the shared folders associated with your login. (The administrator controls folder access using the *Administration > Shared Folders* screen.)

**USB Storage Devices** All users have access to the devices connected to the Network Storage System.

## Current Folder

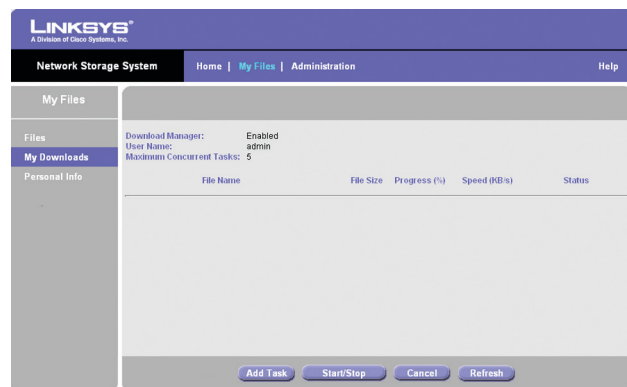
The shared folder you are currently accessing is displayed. The sub-folders available to you are listed with the following information: Type, Name, Size, and Last Modified date and time.

Click the folder you want to access. To view a file, click the filename. To download a file, right-click the filename and select **Save Target as...**

Click **Refresh** for the most up-to-date information.

## My Files > My Downloads

If the Download Manager feature has been enabled through the *Administration > System Options* screen and your login has Download Manager access, then the *My Downloads* screen will be available. Configure download tasks on this screen.



My Files > My Downloads

**Download Manager** The status of the Download Manager feature is displayed.

**User Name** Your login name is displayed.

**Maximum Concurrent Tasks** The maximum number of tasks that can run at the same time is displayed.

For each download task, the screen lists the File Name, File Size, Progress, Speed, and Status information.

**Add Task** Click this option to add a new download task. A new screen appears.



Create New Download Task

## Source

- **URL** Enter the URL of the FTP or HTTP URL.
- **Destination** Click **Browse**. The *Folders Browser* screen appears.



Folders Browser

- **Current Folder** Select the location of the shared folder that you want to specify as the current folder.
- **New Folder** To create a new folder, enter its name, and then click **Create**. Select the new folder from the list, and its path appears in the *Current Folder* field.

Click **Apply** to save the location. Click **Close** to exit this screen.

- **The Remote Server Requires Authentication** If authentication is required to access the URL, select this option, and complete the following:
  - **User Name** Enter the user name used to access the URL.
  - **Password** Enter the password used to access the URL.



**NOTE:** For more information about authentication for the remote server, contact the administrator of the remote server.

Click **Save** to save the new download task, or click **Cancel** to clear your changes.

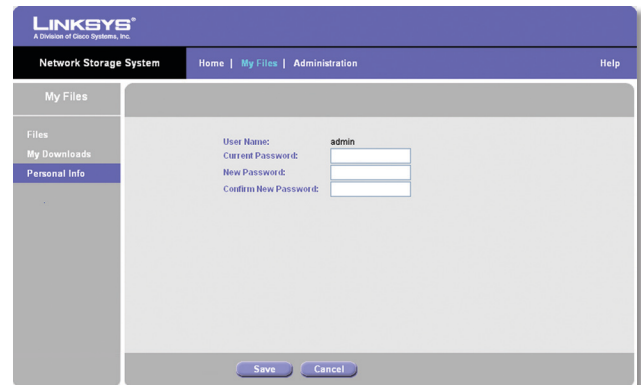
**Start/Stop** Select the appropriate download task, and then click **Start/Stop** to start or stop the selected task.

**Cancel** If you want to delete a download task, select it, and then click **Cancel**.

**Refresh** Click **Refresh** to update the on-screen status information.

## My Files > Personal Info

Change your password on this screen.



My Files &gt; Personal Info

**User Name** Your login name is displayed.

**Current Password** Enter your current password.

**New Password** Enter your new password.

**Confirm New Password** Enter your new password again.

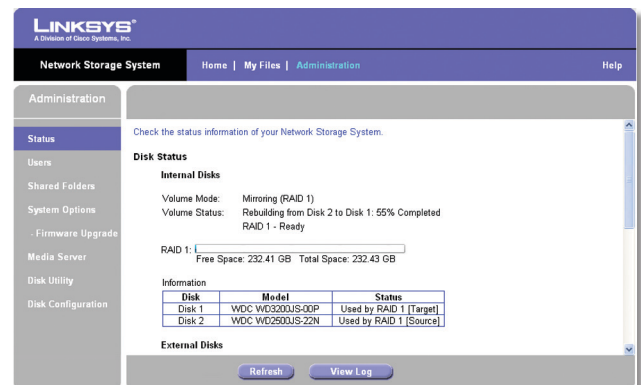
Click **Save** to save your new password, or click **Cancel** to clear your change.

## Administration > Status

To manage the Network Storage System:

1. Click **Administration Login**.
2. Enter your information in the *User Name* and *Password* fields.
3. Click **OK**.

The *Status* screen shows information about the Network Storage System.



Administration &gt; Status

## Disk Status

Information about the hard drive(s) is displayed.

### Internal Disks

**Volume Mode** The disk configuration is displayed.

**Volume Status** The format status of each hard drive is displayed.

**Disk 1-2, LVM, RAID 1, or RAID 0** The amount of free and total space is displayed.

**Information** The Model number and Status of each hard drive are displayed.

## External Disks

### USB Port

For each USB storage device, the Partition, File System, Shared Folder, Total Size, and Free Size information is displayed.

## System Status

For the Network Storage System, the Server Name, Firmware Version, Hardware Address, IP Address, Date, Time, and Current Status information is displayed.

Check the status information of your Network Storage System.

#### Disk Status

##### Internal Disks

Volume Mode: Mirroring (RAID 1)  
Volume Status: Rebuilding from Disk 2 to Disk 1: 55% Completed  
RAID 1 - Ready

RAID 1:   
Free Space: 232.41 GB Total Space: 232.43 GB

##### Information

Disk	Model	Status
Disk 1	WDC WD3200JS-00P	Used by RAID 1 [Target]
Disk 2	WDC WD2500JS-22N	Used by RAID 1 [Source]

##### External Disks

USB Port 1: No Device

Partition	File System	Shared Folder	Total Size	Free Size
-----------	-------------	---------------	------------	-----------

USB Port 2: No Device

Partition	File System	Shared Folder	Total Size	Free Size
-----------	-------------	---------------	------------	-----------

#### System Status

Server Name: NAS200  
Firmware Version: V3.4R55  
Hardware Address: 00:18:39:A1:33:58  
IP Address: 192.168.1.102  
Date: 2007/05/24  
Time: 12:14 pm  
Current Status: Ready

Disk and System Status

Click **Refresh** for the most up-to-date information. Click **View Log** to view a list of system activities. The *Log File* screen appears.

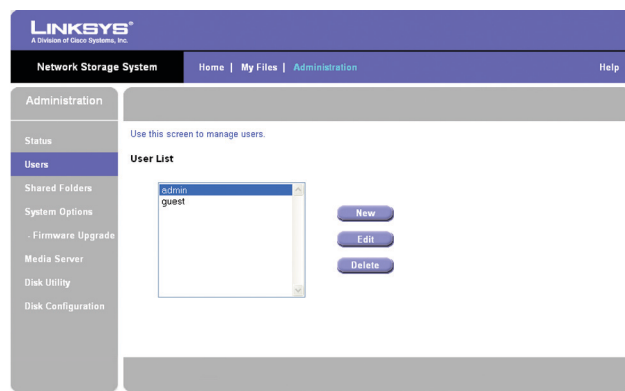


Log File

Click **Refresh** for the most up-to-date information. Click **Clear** to remove all entries. Click **Close** to exit this screen and return to the *Status* screen.

## Administration > Users

The *Users* screen allows you to manage all Network Storage System users. Linksys recommends that you create a user account for each user, so each user has a unique login and personal folder. (The user has automatic read/write access to the personal folder, which uses the login name as the folder name.)



Administration > Users

### User List

The User List shows all existing users. (The admin and guest users are pre-defined and cannot be deleted.)

### New

Click this option to add a user account. The *Create User* screen appears.

### New User

- Name** Create a unique login name for the user. Punctuation and other special characters (for example, \* / | \ ) cannot be used in the name.

- **Password** Enter the password this user will use to access the Network Storage System.
- **Verify Password** Enter the password again.
- **Allow Download Manager Access** If you want to allow this user to use the Download Manager, then select this option.



**NOTE:** The Download Manager feature lets you specify download tasks for the Network Storage System. The advantage is that the Network Storage System can run the download task separately, without using your computer. For example, if you order a movie online, then you can have the Network Storage System—instead of your computer—download the movie.

- **Restrict Disk Quota to \_\_ MB** Select this option if you want to set a maximum amount of disk space for this user. Then enter the number of MB you want to allow.
- **Create Personal Folder** Linksys recommends that you keep this option enabled, so each user has a personal folder. (The user has automatic read/write access to the personal folder, which uses the login name as the folder name.)

New User

Click **Save** to create a new user, or click **Cancel** to clear your changes.

## Edit

Click this option to change the settings of a user account. The *User Properties* screen appears.

### User Properties

- **Name** Change the login name of the user. Punctuation and other special characters (for example, \* / | \) cannot be used in the name.
- **Password** Change the password this user will use to access the Network Storage System.
- **Verify Password** Enter the password again.

- **Allow Download Manager Access** If you want to allow this user to use the Download Manager, then select this option.
- **Restrict Disk Quota to \_\_ MB** Select this option if you want to set a maximum amount of disk space for this user. Then enter the number of MB you want to allow.

User Properties

Click **Save** to save your changes, or click **Cancel** to clear your changes.

## Delete

To delete a user, select the user on the User List. Then click this option. A confirmation screen appears.

Confirm Deletion

Click **OK** to confirm the deletion, or click **Cancel** to cancel the deletion.

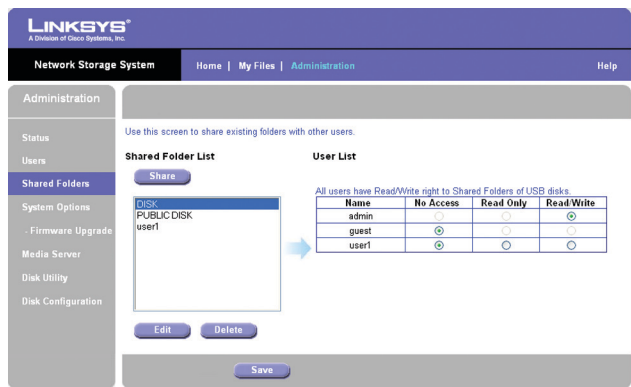
Another screen appears, asking if you want to delete the user's corresponding personal folder.

Confirm Deletion of Personal Folder

Click **OK** to delete the personal folder, or click **Cancel** to keep the personal folder and its contents.

## Administration > Shared Folders

The *Shared Folders* screen allows you to create and manage shared folders. Within a shared folder, users with access to that shared folder can create other folders and files.



Administration > Shared Folders

### Shared Folder List

The Shared Folder List shows all existing shared folders.

A user has access to the following:

- Public folders accessible to all users
- Private folders: personal folder and shared folders specified by the administrator
- USB storage devices accessible to all users

### Share

Only users with administrative rights can create shared folders. Click this option to create a new shared folder.

### New Shared Folder

Once the shared folder is created, the location cannot be changed.

New Shared Folder

- **Location** Click **Browse**. The *Folders Browser* screen appears.



Folders Browser

- **Current Folder** Select the location of the shared folder that you want to specify as the current folder.
- **New Folder** To create a new folder, enter its name, and then click **Create**. Select the new folder from the list, and its path appears in the *Current Folder* field.

Click **Apply** to save the location. Click **Close** to exit this screen.

- **Display Name** Enter the display name of the folder. Punctuation and other special characters (for example, \* / | \ ) cannot be used in the name.
- **Description** Enter a description of the folder.

Click **Save** to create a new shared folder, or click **Cancel** to clear your changes. The shared folder will appear on the *My Files > Files* screen of users who have access to that shared folder.

### Edit

Only users with administrative rights can edit shared folders. To change the properties of a shared folder, select the folder on the Shared Folder List, and then click this option. The *Shared Folder Properties* screen appears.

### Shared Folder Properties

Change the display name or description on this screen.

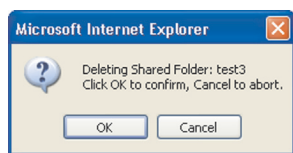
Shared Folder Properties

- **Location** The location cannot be changed.
- **Display Name** Change the display name of the folder. Punctuation and other special characters (for example, \* / | \ ) cannot be used in the name.
- **Description** Change the description of the folder.

Click **Save** to save your changes, or click **Cancel** to clear your changes.

## Delete

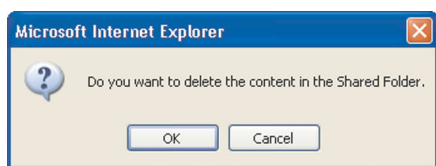
To delete a shared folder, select the shared folder on the Shared Folder List. Then click this option. A confirmation screen appears.



Confirm Deletion of Shared Folder

Click **OK** to confirm the deletion, or click **Cancel** to cancel the deletion.

Another screen appears, asking if you want to delete the content of the shared folder.



Confirm Deletion of Contents

Click **OK** to delete the content, or click **Cancel** to keep the content.

## User List

To change the access rights of users, select the appropriate shared folder. Then select **No Access**, **Read Only**, or **Read/Write** for each user. All users have Read/Write access to the shared folders of USB storage devices. The admin user has Read/Write access to all shared folders.

Click **Save** to save your changes, or click **Cancel** to clear all changes.

## Administration > System Options

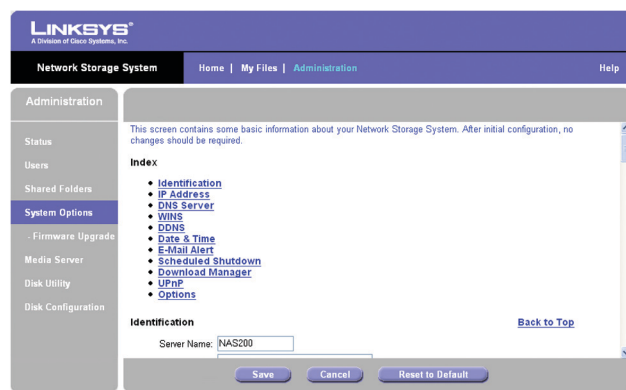
The current settings of the Network Storage System appear on this screen. You can change any of the settings in the following sections:

- Identification
- IP Address
- DNS Server

- WINS
- DDNS
- Date & Time
- E-Mail Alert
- Scheduled Shutdown
- Download Manager
- UPnP
- Options



**NOTE:** In most cases you do not need to change the settings on this screen.



Administration > System Options

## Index

A list of links to the different sections of the *System Options* screen is displayed. Click the link to the settings you want to configure.

This screen contains some basic information about your Network Storage System. After initial configuration, no changes should be required.

#### Index

- [Identification](#)
- [IP Address](#)
- [DNS Server](#)
- [WINS](#)
- [DDNS](#)
- [Date & Time](#)
- [E-Mail Alert](#)
- [Scheduled Shutdown](#)
- [Download Manager](#)
- [UPnP](#)
- [Options](#)

#### Identification

Server Name:   
 Comment:   
 Workgroup:

[Back to Top](#)

#### IP Address

- ☒ Obtain IP Address Automatically (DHCP Client)  
☐ Fixed IP Address

IP Address:  .  .  .   
 Network Mask:  .  .  .   
 Gateway:  .  .  .

[Back to Top](#)

#### DNS Server

- ☒ Obtain DNS Server Addresses from DHCP Server

- ☐ Use Fixed DNS Server Addresses

Primary:  .  .  .   
 Backup 1:  .  .  .  (Optional)  
 Backup 2:  .  .  .  (Optional)  
 DNS is required for e-mail messages.

[Back to Top](#)

#### WINS

☐ Enable WINS  
 WINS Server:  .  .  .

[Back to Top](#)

Identification, IP Address, DNS Server, and WINS

## Identification

**Server Name** Enter a different name for the Network Storage System. Punctuation and other special characters (for example, \* / | \ ) cannot be used in the name.

**Comment** Enter a description of the Network Storage System, such as its location.

**Workgroup** Enter the Workgroup name of the computers on your network. If the Workgroup name of the Network Storage System does not match the Workgroup name of the computers on your network, then access to the Network Storage System is still possible, but the Network Storage System will not appear when you double-click My Network Places or Network Neighborhood. (For more information about the Workgroup name of your computers, refer to Windows Help.)

## IP Address

**Obtain IP Address Automatically (DHCP Client)** If you have a router or other DHCP server automatically assigning IP addresses, select this option.

**Fixed IP Address** If you want to set specific network settings, select this option. Then enter the following information:

- **IP Address** Enter the Network Storage System's IP address, and make sure that it is on the same local area network (LAN) segment as the computer running the Setup Wizard.

- **Network Mask** Enter the Network or Subnet Mask, which must match the Subnet Mask of the other devices on your network. The default is **255.255.255.0**.

**Gateway** If you have a router on your network, enter its IP address. The default is **192.168.1.1**.

## DNS Server

**Obtain DNS Server Addresses from DHCP Server** If you have a router or other DHCP server on your network, select this option.

**Use Fixed DNS Server Addresses** If you want to set specific DNS settings, select this option. Then enter the following information:

- **Primary** Enter the IP address of your network's DNS server.
- **Backup 1-2 (Optional)** Enter the IP addresses of your network's backup DNS servers. If you have listed multiple DNS servers, the first available server will be used.

## WINS

**Enable WINS** If your network has a WINS server, select this option to register the Network Storage System with the WINS server.

**WINS Server** Enter the IP address of your WINS server.

#### DDNS

[Back to Top](#)

☐ Enable TZO DDNS [Sign up for a TZO DDNS account.](#)

E-Mail Address:

TZO Key:

Domain Name:

Update Period:

#### Date & Time

[Back to Top](#)

Time Zone:

☐ Enable Daylight Saving

☐ Change System Date and Time as Following

Date:   , 2007 (Month, Day, Year)

Time:  :

☐ Enable NTP (Network Time Protocol)

NTP Server:

☒ Choose

☐ Specify

NTP Status:

Synchronize with NTP Server Every  from  :

#### E-Mail Alert

[Back to Top](#)

☐ Send E-Mail Alerts when Problems are Detected

E-Mail Address (1):

E-Mail Address (2):

E-Mail Address (3):

From Address:

Subject:

SMTP Port:

DDNS, Date & Time, and E-Mail Alert

## DDNS

The Network Storage System offers a Dynamic Domain Name System (DDNS) feature. DDNS lets you assign a fixed host and domain name to a dynamic Internet IP address, so you can locate the Network Storage System without knowing its dynamic Internet IP address.

For example, assign the Network Storage System the fixed host and domain name of `www.mystorage.com`. When you travel, you can find the Network Storage System at `www.mystorage.com` (the DDNS service provider keeps track of the dynamic Internet IP address of the Network Storage System.)

Before you can use this feature, you need to sign up for DDNS service with TZO, a DDNS service provider at `www.tzo.com`. Click **Sign up for a TZO DDNS account**.



**NOTE:** To use the DDNS feature of the Network Storage System, configure port forwarding on your network router. For more information, refer to the router's documentation.

**Enable TZO DDNS** Select this option to use the DDNS feature.

**E-Mail Address, TZO Key, and Domain Name** Enter the settings of the account you set up with TZO.

**Update Period** Select how often you want your Internet IP address to be updated with TZO.

**Update Now** To manually trigger an immediate IP address update, click this option.

## Date & Time

**Time Zone** Select your local time zone.

**Enable Daylight Saving** Click this option if your location uses daylight saving.

**Change System Time as Following** To manually set the date and time of the Network Storage System, select this option. Then select the date and time.

- **Date** Configure today's date (Month, Day, Year). The Network Storage System will set its own calendar according to the date you provide.
- **Time** Enter the current time (hour, minute, am or pm). The Network Storage System will set its own clock according to the time you provide. Remember that the time you enter is not saved until you click **Save**.

**Enable NTP (Network Time Protocol)** NTP servers are frequently used to synchronize clocks. To use an NTP server, select this option. Then configure the following settings:

- **NTP Server** To use a pre-selected NTP server, select **Choose** and select an NTP server from the drop-down menu.  
To manually select an NTP server, select **Specify** and enter the URL or IP address of an NTP server.
- **NTP Status** The status of the NTP server is displayed.
- **Synchronize with NTP Server** Select how often you want the Network Storage System to synchronize with the NTP server. Then enter the time you want the synchronization to begin.
- **Synchronize Now** If you want the Network Storage System to synchronize with the NTP server at this time, click this option.

## E-Mail Alert

**Send E-Mail Alerts when Problems are Detected** Select this option if you want the Network Storage System to send e-mails sent when it is experiencing problems. (The problem will be described in the e-mail.)

**E-Mail Address (1-3)** Enter the e-mail addresses that should receive e-mail alerts.

**From Address** Enter the return e-mail address you want used in the e-mails. (This can be a dummy address.)

**Subject** Enter the subject heading you want the e-mails to use.

**SMTP Port** Enter the SMTP port number that you want the e-mail alerts to use. If you are not sure which SMTP port number to use, then keep the default, **25**.

The screenshot displays the configuration interface for the Network Storage System. It is divided into four main sections, each with a 'Back to Top' link on the right:

- Scheduled Shutdown:** Includes a 'Shutdown' dropdown set to 'Never', time fields for '12' and '00', and an 'am' dropdown. A 'Shutdown Now' button is located below.
- Download Manager:** Features a checked 'Enable Download Manager' checkbox. Below it are settings for 'Maximum Concurrent Tasks' (5), 'Speed Limit Per Task' (0 KB/s), and 'Language Support for URLs' (USA (437)). There is an unchecked 'Enable Schedule' checkbox, a 'Day' dropdown set to 'Every Day', and a 'Time' range from '12:00 am' to '12:00 am'.
- UPnP:** Includes a checked 'Enable UPnP Support' checkbox.
- Options:** Includes a checked 'Enable Guest Logins' checkbox, a checked 'Convert Failed Logins to "guest" Logins (Windows Networks)' checkbox, a checked 'Enable FTP Server' checkbox, a 'Port Number' field set to '21' (with a range of 21 to 1024-65535), a 'Language Support for Clients' dropdown set to 'USA (437)', an unchecked 'Allow anonymous FTP Login ("guest" rights)' checkbox, and an 'HTTP (Web Browser) Port Number' field set to '80' (with a range of 80 to 1024-65535).

Scheduled Shutdown, Download Manager, UPnP, and Options

## Scheduled Shutdown

**Shutdown** Select the day and time you want the automatic shutdown to occur. Keep the default, **Never**, if you want to manually initiate the shutdown. (When the Network Storage System is shut down, you will have to manually power on the Network Storage System.)

**Shutdown Now** Click this option to shut down the Network Storage System immediately.

## Download Manager

Use this section to enable and configure the Download Manager feature, which lets you specify download tasks for the Network Storage System. The advantage is that the Network Storage System can run the download task separately, without using your computer. For example, if you order a movie online, then you can have the Network Storage System—instead of your computer—download the movie.

**Enable Download Manager** Select this option to enable the Download Manager feature. Users with Download Manager access can schedule download tasks through the *My Files > My Downloads* screen.

**Maximum Concurrent Tasks** Select the maximum number of tasks that can run at the same time.

**Speed Limit Per Task** Enter the maximum download speed of each task. If you keep the default, **0**, then there is no speed limit.

**Language Support for URLs** Select the appropriate language from the drop-down menu.

**Enable Schedule** Select this option if you want the Download Manager to run only during the specified time period. If this option is not selected, then the Download Manager always runs.

- **Day** Select **Every Day**, or select a specific day of the week.
- **Time** Select the hours during which you want the Download Manager to run.

## UPnP

**Enable UPnP Support** Select this option if you want the Network Storage System to broadcast its availability to users and have its own desktop icon on computers that support UPnP (such as Windows Vista or XP).

## Options

**Enable Guest Logins** If you want to allow users to use the word “guest” as a login name, then select Enable Guest Logins.

**Convert Failed Logins to “guest” Logins (Windows Networks)** If you want to allow all Windows users to access the Network Storage System with guest access rights, then select this feature. By default, the guest user has Read/Write access to public data on each disk (this cannot be changed by the administrator).

**Enable FTP Server** If you want to allow use of an FTP server, then select this option.

- **Port Number** Select the port number for the FTP server. The default is **21**.
- **Language Support for Clients** Select the appropriate language from the drop-down menu.

**Allow Anonymous FTP Login (“guest” rights)** If you want to allow FTP users to log in anonymously, then select this option. Any FTP user can use the word “Anonymous” as the user name, and any combination of letters or numbers can be used as the password.

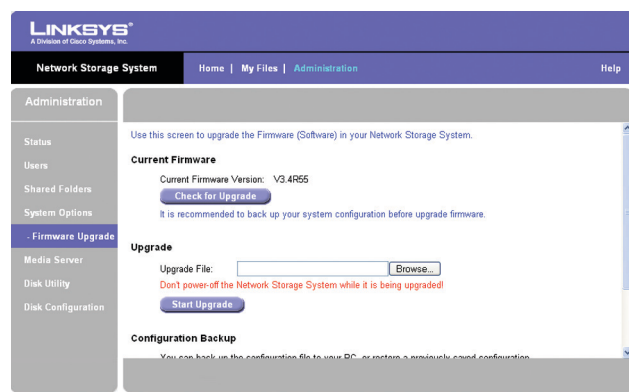
**HTTP (Web Browser) Port Number** Enter the port number used for HTTP connections to the Network Storage System. This will be used for remote access of the Network Storage System. The default is **80**. If you want to change this number, then you should use a number greater than 1024 (8080 is often used). Also, if the port is not 80, you must specify the port in your web browser in order to connect. To do this, add a colon (":") and the port number after the address, such as `http://192.168.1.77:8080`. (This example assumes the Network Storage System's IP address is 192.168.1.77, and the port number is 8080.)

Click **Save** to save your changes, or click **Cancel** to clear all changes.

Click **Reset to Default** to reset the settings on the *System Options* screen to the factory defaults.

## Firmware Upgrade

Use this screen to upgrade the firmware of the Network Storage System. You can also back up or restore its configuration file, which includes the settings of the Network Storage System.



Administration > Firmware Upgrade

## Current Firmware

Use this section to search for updated firmware.

**Current Firmware Version** The firmware version of the Network Storage System is displayed.

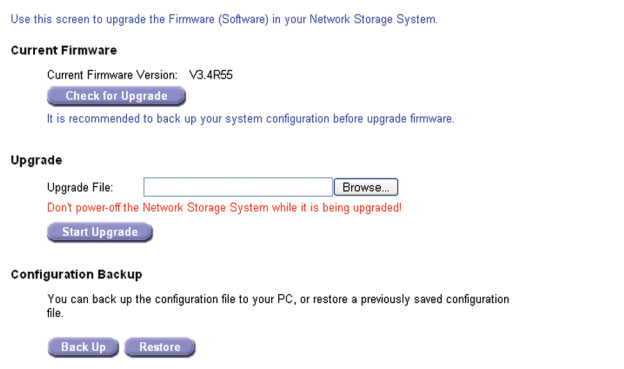
**Check for Upgrade** Click this option to visit the Linksys website, [www.linksys.com](http://www.linksys.com), and check for updated firmware. Follow the on-screen instructions. After you have downloaded the new firmware file, extract it on your computer. Then proceed to the “Upgrade” section when you are ready to upgrade the firmware.

## Upgrade

Use this section to proceed with the firmware upgrade.

**Upgrade File** Click **Browse** to select the extracted firmware file.

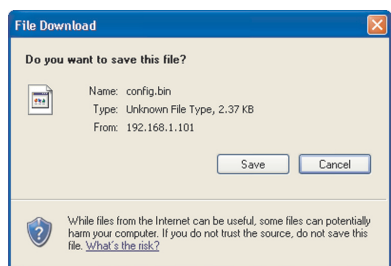
Click **Start Upgrade** to begin the firmware upgrade. Then follow the on-screen instructions.



Current Firmware, Upgrade, and Configuration Backup

## Configuration Backup

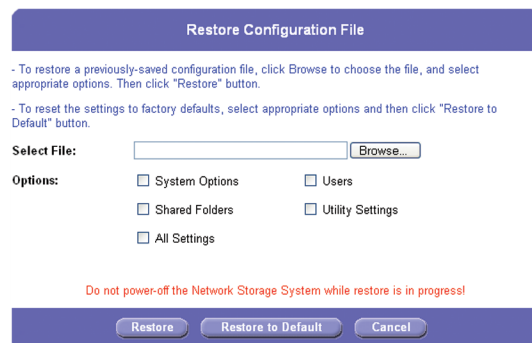
**Back Up** Click **Back Up** to download the current configuration file onto your computer. The *File Download* screen appears.



File Download

Click **Save** to save the configuration file on your computer, and then follow the on-screen instructions. Click **Cancel** to cancel the file download.

**Restore** Click **Restore** to restore a previously saved configuration file. The *Restore Configuration File* screen appears.



Restore Configuration File

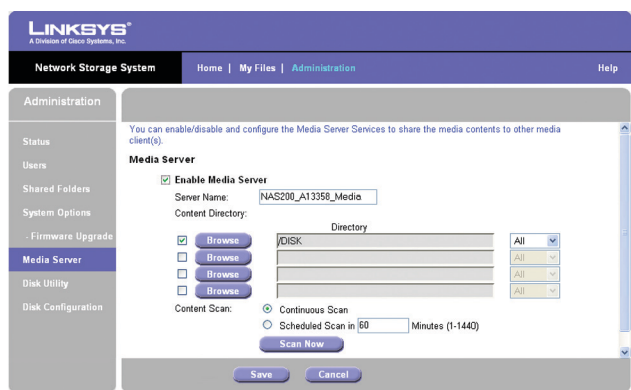
- **Select File** Click **Browse** to select the configuration file on your computer.
- **Options** Select the information you want to restore: **System Options**, **Users**, **Shared Folders**, and/or **Utility Settings**. Select **All Settings** to restore all configuration information except for the disk configuration setting, which cannot be restored.
- **Restore** Click this option to restore the previously saved settings you selected in the Options section.
- **Restore to Default** Click this option to reset the settings you selected in the Options section to their factory defaults. (Custom settings will be deleted.)
- **Cancel** Click this option to exit this screen without making any changes.

## Media Server

If you use a media adapter to send content to your entertainment system, then you can use the Network Storage System as a media server.

The Network Storage System can be located by compatible media adapters using the UPnP AV standard. Media content on the Network Storage System can then be accessed and played by the media adapters.

Configure the Network Storage System as a media server on the *Media Server* screen.



Administration &gt; Media Server

## Media Server

**Enable Media Server** If enabled, the Network Storage System can be located by compatible media adapters using the UPnP AV standard. Media content on the Network Storage System can then be accessed and played by the media adapters.

**Server Name** Enter the name of the media server as it should be displayed on client devices.

### Content Directory

By default, the root directory of each drive is displayed when the Media Server feature is enabled.

You can specify up to four directories that the media server should scan for media content. Select the appropriate check box to select or deselect a directory.

**Browse** Click **Browse**. The *Folders Browser* screen appears.



Folders Browser

- **Current Folder** Select the location of the shared folder that you want to specify as the current folder.
- **New Folder** To create a new folder, enter its name, and then click **Create**. Select the new folder from the list, and its path appears in the *Current Folder* field.

Click **Apply** to save the location. Click **Close** to exit this screen.

**Directory** The path and name of the selected folder are displayed.

**All** If you wish, each directory can be limited to a specific media type. The default setting, **All**, scans for all content types. Select the appropriate media type(s): **All**, **Music**, **Picture**, or **Video**.

### Content Scan

Specify the scan behavior of the media server.

**Continuous Scan** Select this option if you want the media server to automatically rescan media files when they change.

**Scheduled Scan in \_\_ Minutes** Select this option if you want the media server to scan media files at the specified interval. Then enter the number of minutes in each interval.

**Scan Now** If you want the media server to scan media files at this time, click this option.

Click **Save** to save your changes, or click **Cancel** to clear all changes.

## Disk Utility

Use this screen to format or maintain the installed drive(s).



Administration &gt; Disk Utility

### Format Disk

Use this option to partition and format a newly installed drive if you did not run the Setup Wizard when you physically installed the new drive.



**NOTE:** If you physically install a new drive without running the Setup Wizard, then it will not be formatted. You must manually format the new drive using the Format Disk feature.

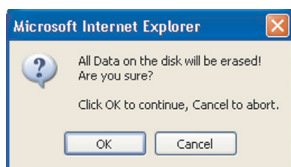


**WARNING:** Before you format drive(s), back up pre-existing data because all data on your drive(s) will be erased when they are formatted.



**NOTE:** The settings on this screen will vary depending on the disk configuration. A single drive is listed as Disk 1. Two drives are listed as Disk 1 and 2 when they are configured as Separate Disks. Two drives are listed as LVM when they are configured as JBOD/LVM. Two drives are listed as RAID 1 when they are configured as RAID 1 (Mirroring). The drives are listed as RAID 0 when they are configured as RAID 0 (Striping).

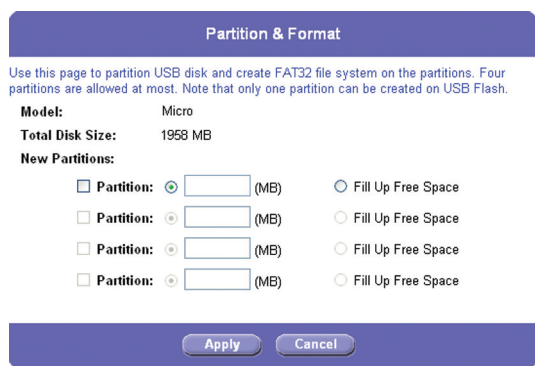
**Disk 1-2, LVM, RAID 1, or RAID 0** The status of the drive is displayed. If the drive is not formatted, click **Format**. A confirmation screen appears.



Confirm Reformatting

Click **OK** to confirm the formatting. Click **Cancel** to cancel the formatting.

**USB 1-2** The status of the drive is displayed. If the drive is not formatted, click **Format**. The *Partition & Format* screen appears.



Partition & Format

- **Model** The name of the USB drive is displayed.
- **Total Disk Size** The number of MB on the drive is displayed.
- **New Partitions** You can specify up to four partitions. For each selected partition, specify its size in MB, or select **Fill Up Free Space**. If the Fill Up Free Space option is selected, then the partition occupies all

remaining memory, and additional partitions cannot be created.

Click **Apply** to save your changes, or click **Cancel** to clear all changes.

Use this screen to perform any disk maintenance required.

**Format Disk**

RAID 1:	Formatted	<b>Format</b>
USB 1:	N/A	<b>Format</b>
USB 2:	N/A	<b>Format</b>

The formatting operation will destroy any data on the disk!  
It should only be used on a newly installed disk.

**Scandisk**

RAID 1: No scan performed **Start/Stop**

Run Scandisk: **Never** 12 00 am

During a Scandisk, the disk cannot be accessed.

**S.M.A.R.T.**

Disk 1: Not Tested **Test Now**

Disk 2: Not Tested **Test Now**

**Standby**

Set Hard Disk to Standby Mode after **Idle 30 minutes**

Power off the fan **20 Minutes** after all Hard Disks are in Standby Mode.

**Disk Full**

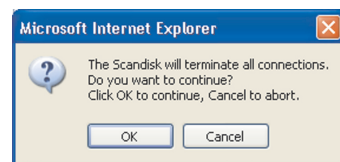
☒ Send e-mail Alert when Disk Available Capacity is less than: **2%**

Format Disk, Scandisk, S.M.A.R.T., Standby, and Disk Full

## Scandisk

The Scandisk program checks the drive(s) for errors and corrects errors when possible. It will run automatically if an error is detected, such as a shutdown due to an unexpected loss of power. While the Scandisk program is running, you will not be able to access the drive being scanned.

**Disk 1-2, LVM, RAID 1, or RAID 0** The Scandisk status of the drive is displayed. Click **Start/Stop** to begin the Scandisk program. A confirmation screen appears.



Confirm Scandisk

Click **OK** to confirm running the Scandisk program. Click **Cancel** to cancel running the Scandisk program.

If you need to access the drive while the Scandisk program is running, click **Start/Stop** to stop the Scandisk program.

**Run Scandisk** You can schedule the Scandisk program to run on a regular schedule. Select the day and time you want the Scandisk program to run. Keep the default, **Never**, if you want to manually initiate the Scandisk program.

## S.M.A.R.T.

Self-Monitoring Analysis and Reporting Technology (S.M.A.R.T.) can warn you of impending drive problems before the drive fails.

**Disk 1-2, LVM, RAID 1, or RAID 0** The S.M.A.R.T. status of the drive is displayed. Click **Test Now** to begin the S.M.A.R.T. check.

## Standby

The drive(s) go into standby mode after the specified period of idle time. During standby mode, the Network Storage System uses less energy and emits less heat. If the fan powers off, then noise is also reduced.

**Set Hard Disk to Standby Mode after** Keep the default, **Idle 30 minutes**, if you want the period of idle time to be 30 minutes. Select **Idle 10 minutes**, if you want the period of idle time to be 10 minutes.

**Power off the fan after All Hard Drives are in Standby Mode** The fan of the Network Storage System powers off when the drive(s) are idle for a period of time. Keep the default, **20 Minutes**, if you want the fan to power off after 20 minutes of inactivity. Select **40 Minutes** if you want the fan to power off after 40 minutes of inactivity. Select **10 Minutes** if you want the fan to power off after 10 minutes of inactivity. Select **Never** if you want the fan to always be powered on as long as the Network Storage System is powered on.



**NOTE:** During standby mode, the hard drive(s) and fan may activate for a capacity check or other network activity. When there is no more activity, the hard drive(s) will return to standby mode, and then the fan will stop.

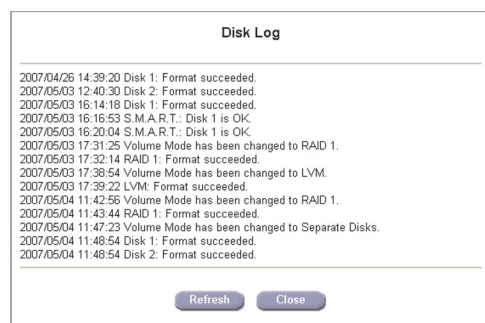
## Disk Full

When drive capacity is nearly full, the Network Storage System will log it and send an e-mail alert.

**Send E-Mail Alert when Disk Available Capacity is Less than** Keep the default, **2%**, if you want to be alerted when less than 2% of the total drive capacity is available. Select **2GB**, if you want to be alerted when less than 2 GB is available. Select **5GB**, if you want to be alerted when less than 5 GB is available. (After you have finished making changes to the *Disk Utility* screen, click **System Options** to enter e-mail address(es) in the E-Mail Alert section.)

Click **Save** to save your changes, or click **Cancel** to clear all changes. (Clicking Cancel does not affect any operations in progress, including drive formatting, the Scandisk program, and the S.M.A.R.T. check.)

Click **Disk Log** to view a list of disk activities, including Scandisk and S.M.A.R.T. results. The *Disk Log* screen appears.

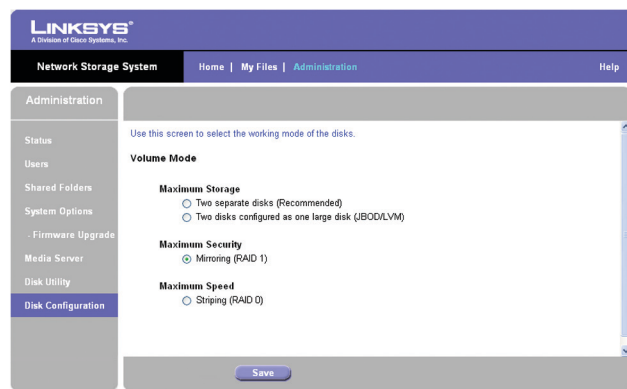


Disk Log

Click **Refresh** to update the on-screen information. Click **Close** to exit this window.

## Disk Configuration

Use this screen to change the configuration of your installed drive(s), which are initially configured during the Setup Wizard. If you change the configuration, then the drive(s) must be reformatted; make sure you back up all data on the drive(s) before they are reformatted.



Administration > Disk Configuration

## Volume Mode

Select the appropriate configuration for your drive usage.



**WARNING:** Before you format drive(s), back up pre-existing data because all data on your drive(s) will be erased when they are formatted.

## Maximum Storage

**Separate Disks** Disk 1 and Disk 2 work separately.

**Multiple Disks (JBOD/LVM)** Disk 1 and Disk 2 are bound into one logical volume. Total capacity is equal to the capacity of the existing disk(s). If this configuration is selected with only one disk installed, then the second disk will be configured to extend the capacity of the logical volume when it is installed.

### Maximum Security

**Mirroring (RAID 1)** Disk 1 is mirrored into Disk 2. Total capacity is equal to the capacity of the smaller disk.



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**NOTE:** Mirroring (RAID 1) and Striping (RAID 0) require two hard drives.

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### Maximum Speed

**Striping (RAID 0)** Disk 1 and Disk 2 are striped into one logical volume. Total capacity is equal to two times the smaller capacity of the two disks.

Click **Save** to save your change.

## Chapter 4: Use

This chapter describes access rights, access methods, and use of USB storage devices.



**WARNING:** Do not block the air vents, and do not stack devices on top of the Network Storage System; otherwise, overheating can occur.

(Air vents are located on the sides of the Network Storage System. Keep the area around the Network Storage System clear.)

### Access to the Network Storage System

All Windows users can access the Network Storage System with guest access rights. Specifically, guest users can access any shared folders with access rights for guest users and any connected USB storage devices.

Linksys recommends that you create a user account for each user, so each user will have a unique login and personal folder. (The login name will be used as the name of the personal folder.)

### How to Access the Network Storage System

There are two ways to access the Network Storage System. The first way uses the My Network Places or Network Neighborhood icon on the desktop of your Windows operating system. The second way uses your web browser.

Access is controlled by login name and password.

#### Windows Access

To access the Network Storage System from a Windows-based computer, follow these instructions:

1. Double-click the **My Network Places** or **Network Neighborhood** icon.
2. Double-click the Network Storage System. If you do not see it, then change the Workgroup of the Network Storage System to match the Workgroup of your computer (refer to the Administration > Systems Options section of "Chapter 3: Advanced Configuration").
3. If prompted, enter your login name and password. If you do not have a login, enter **guest** for the user name. Leave the *Password* field blank.

If you want to map a shared folder to a drive letter on your computer, refer to Windows Help for details, or use the Network Drive Mapping Utility (refer to the section, "How to Use the Network Drive Mapping Utility").

#### Web Access

To access the Network Storage System from any computer using a web browser, follow these instructions:

1. Open your web browser.
2. In the *Address* field, enter **http://<IP\_address\_of\_the\_Network\_Storage\_System>**.

If you do not know its IP address, then run the Setup Wizard. Click the **Click Here to Start** button. Then click **Advanced Setup**. Select the appropriate Network Storage System, and its IP address will be displayed. (For more information, refer to "Chapter 2: Configuration Using the Setup Wizard".)

3. The web-based utility appears.

On the homepage, you have two options:

**Access My Files** Click this option to access folders or change your password.

**Administration Login** Click this option to manage the Network Storage System through the web-based utility. For more information, refer to "Chapter 3: Advanced Configuration".



Home Screen

#### My Files

Any user has access to the My Files section. To access folders or change your password:

1. Click **Access My Files**.
2. Enter your information in the *User name* and *Password* fields.
3. Click **OK**.
4. The *Files* screen appears. You have two options available, Files and Personal Info, in the My Files column.

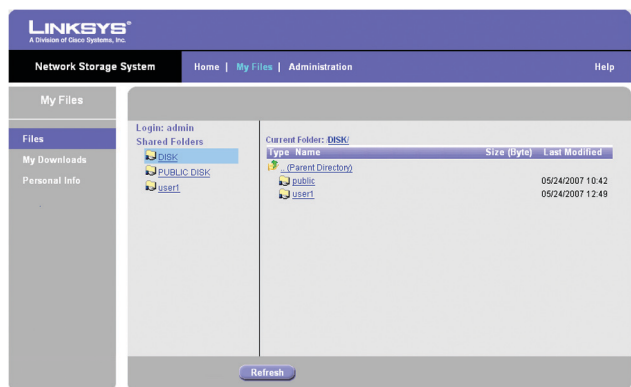
If the Download Manager feature has been enabled through the *Administration > System Options* screen and your login has Download Manager access, then the My Downloads option will also be displayed.



**NOTE:** The Download Manager feature lets you specify download tasks for the Network Storage System. The advantage is that the Network Storage System can run the download task separately, without using your computer. For example, if you order a movie online, then you can have the Network Storage System—instead of your computer—download the movie.

## My Files > Files

The *Files* screen displays a list of folders that you can access, according to your user account.



My Files > Files

**Public Folders** These are shared folders accessible to everyone. Disk 1 and Disk 2 are listed as PUBLIC DISK 1 (Public Data) and PUBLIC DISK 2 (Public Data).

**Private Folders** These are your personal folder and the folders associated with your login.

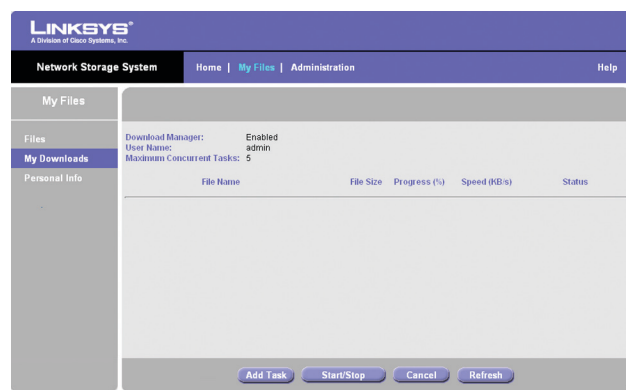
**USB Storage Devices** All users have access to the devices connected to the Network Storage System. USB devices can be used to add or move content.

Click the folder you want to access. To view a file, click the filename. To download a file, right-click the filename and select **Save Target as...**

Click **Refresh** for the most up-to-date information about the folders.

## My Files > My Downloads

If the Download Manager feature has been enabled through the *Administration > System Options* screen and your login has Download Manager access, then the *My Downloads* screen will be available.



My Files > My Downloads

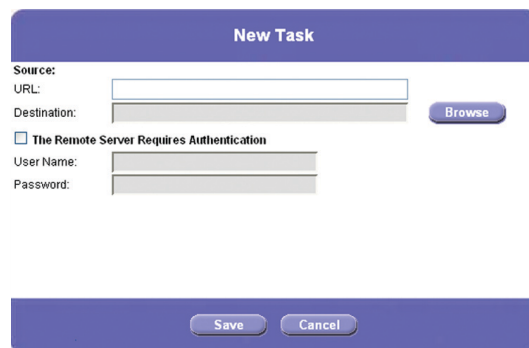
**Download Manager** The status of the Download Manager feature is displayed.

**User Name** Your login name is displayed.

**Maximum Concurrent Tasks** The maximum number of tasks that can run at the same time is displayed.

For each download task, the screen lists the File Name, File Size, Progress, Speed, and Status information.

**Add Task** Click this option to add a new download task to the Network Storage System. A new screen appears.



Create New Download Task

### Source

- **URL** Enter the URL of the FTP or HTTP URL.
- **Destination** Click **Browse**. The *Folders Browser* screen appears.



Folders Browser

- **Current Folder** Select the location of the shared folder that you want to specify as the current folder.
- **New Folder** To create a new folder, enter its name, and then click **Create**. Select the new folder from the list, and its path appears in the *Current Folder* field.

Click **Apply** to save the location. Click **Close** to exit this screen.

- **The Remote Server Requires Authentication** If authentication is required to access the URL, select this feature, and complete the following:
  - **User Name** Enter the user name used to access the URL.
  - **Password** Enter the password used to access the URL.



**NOTE:** For more information about authentication for the remote server, contact the administrator of the remote server.

Click **Save** to save the new download task, or click **Cancel** to clear your changes.

**Start/Stop** Select the appropriate download task, and then click **Start/Stop** to start or stop the selected task.

**Cancel** If you want to delete a download task, select it, and then click **Cancel**. (Completed tasks are not automatically deleted, so you will have to manually delete them.)

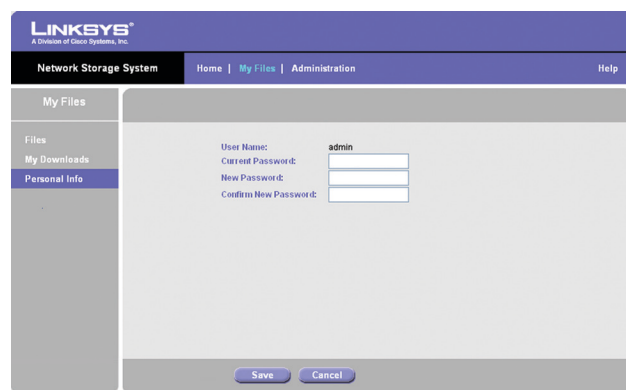
**Refresh** Click **Refresh** to update the on-screen status information.

### My Files > Personal Info

Any user can change the password to the My Files section. To change your password:

1. Click **Personal Info**.
2. Enter your login name in the *User Name* field.
3. Enter your current password in the *Current Password* field.

4. Enter your new password in the *New Password* and *Confirm New Password* fields.
5. Click **Save** to save your new password, or click **Cancel** to clear your change.



My Files &gt; Personal Info

## USB Storage Devices

You can connect USB storage devices to the USB ports at any time. User accounts do not apply to USB storage devices. All folders and files on those devices are available to all users while the USB storage devices are connected to the Network Storage System.

For convenience, you can use the Network Drive Mapping Utility to map a connected USB storage device as a network drive on your computer. You can also use the utility to remove the device.

### How to Add a USB Storage Device

To add a USB storage device, connect the device to the USB 1 or USB 2 port. When the corresponding USB LED lights up, the USB device is available for use.

### How to Remove a USB Storage Device

To safely remove a USB storage device:

1. Linksys recommends that you wait until the device is not being used, when its USB LED is continuously lit. Press the **USB 1** button to eject the device from the USB 1 port, or press the **USB 2** button to eject the device from the USB 2 port.



Back Panel

2. After the Network Storage System beeps once and the appropriate USB LED powers off, disconnect the device.

You can also use the Network Drive Mapping Utility to remove the device. This is explained in the following section, "How to Use the Network Drive Mapping Utility".

## How to Use the Network Drive Mapping Utility

Any user can use the Network Drive Mapping Utility to do the following:

- Map a shared folder to a drive letter on a computer
- Map a USB storage device to a drive letter on a computer
- Safely remove a USB storage device from the Network Storage System

(If you do not have this utility installed, you can still use Windows to manually map a shared folder or USB storage device to a drive letter. Refer to Windows Help for more information.)

If the utility has not been installed, run the Setup Wizard. Refer to "Chapter 2: Configuration Using the Setup Wizard".

## System Tray Icon

While the utility is running, its icon is displayed in the system tray, which is located in the lower right corner of your desktop.



System Tray Icon

If the utility is not running, proceed to the "Desktop Icon" or "Program Folder" section for information on how to activate the utility.

## How to Map a Shared Folder

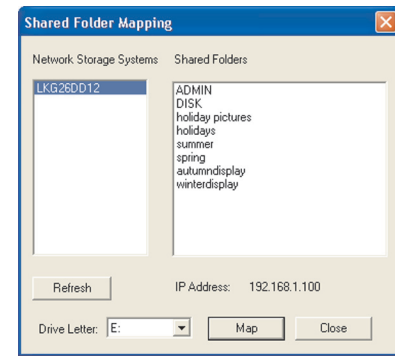
1. Right-click the system tray icon.



Right-Click Icon

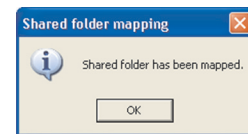
2. Click **Shared Folder Mapping**.

3. The *Shared Folder Mapping* screen appears. Select the appropriate Network Storage System.



Shared Folder Mapping

4. Select the appropriate shared folder. If you do not see the folder you want, click **Refresh**.
5. Keep the default drive letter, or select a different letter from the drop-down menu. Then click **Map**.
6. The shared folder automatically opens, and a new window appears to notify you that the shared folder has been mapped. Click **OK**.

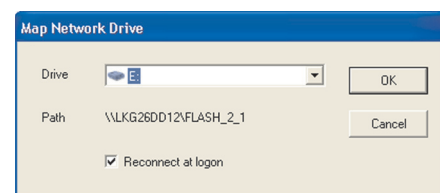


Shared Folder Mapped

7. On the *Shared Folder Mapping* screen, click **Close**.
8. Double-click **My Computer**. The shared folder is displayed as a network drive.

## How to Map a USB Storage Device

1. Right-click the icon in the system tray.
2. Click **USB Device Mapping**.
3. The *Map Network Drive* screen appears. Keep the default drive letter or enter a different letter in the *Drive* field.

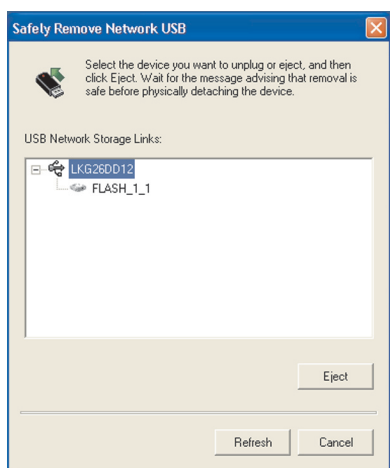


Map Network Drive

4. Keep the default, **Reconnect at logon**, if you want the USB storage device to re-connect automatically.
5. Click **OK**.
6. Double-click **My Computer**. The USB storage device displays as a network drive.

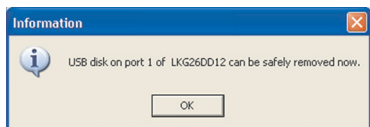
## How to Remove a USB Storage Device

1. Right-click the icon in the system tray.
2. Click **Safely Remove USB Device**.
3. Select the appropriate USB storage device, and click **Eject**. If you do not see the device you want, click **Refresh**.



Select USB Device

4. A message notifies you when the device can be removed. Click **OK**.



USB Device Can Be Removed

To exit the utility, right-click the icon in the system. Then click **Exit**.

## Desktop Icon

If the utility is inactive, its icon is not displayed in the system tray.

If you need to map a shared folder or USB storage device, or you need to remove a USB storage device, then double-click the desktop icon.



Desktop Icon

The utility runs, and its icon appears in the system tray. Refer to the section, “System Tray Icon”, for details.

## Program Folder

If the utility is inactive, its icon is not displayed in the system tray.

If you need to map a shared folder or USB storage device, or you need to remove a USB storage device, then proceed to the “Activate the Utility” section.

## Activate the Utility

1. Click **Start**.
2. Select **All Programs**.
3. Select **Network Drive Mapping Utility**.
4. Click **Network Drive Mapping Utility**.



Program Folder

The utility runs, and its icon appears in the system tray. Refer to the section, “System Tray Icon”, for details.

## Uninstall the Utility

To remove the utility from your computer:

1. Click **Start**.
2. Select **All Programs**.
3. Select **Network Drive Mapping Utility**.
4. Click **Uninstall**.
5. A confirmation screen appears. Click **Yes** to confirm removal of the utility, or click **No** to cancel removal of the utility.

## Appendix A: Troubleshooting

### *The Setup Wizard does not detect any Network Storage Systems.*

Follow these instructions until your problem is solved:

1. Make sure the Network Storage System is powered on.
2. Check the cable connections of the Network Storage System.
3. Make sure your computer and the Network Storage System are on the same network segment. (If you do not have a router, then skip this step.)
4. In all Windows operating systems, the TCP/IP protocol is installed by default. If you have uninstalled the TCP/IP protocol, refer to Windows Help for instructions on how to re-install the TCP/IP protocol.
5. During the Setup Wizard, select **Automatically obtain an IP address (DHCP recommended)** if your local network has a DHCP server (usually a router) assigning IP addresses, or select **Set IP configuration manually** if your local network does not have a DHCP server.

If you selected Set IP configuration manually, then complete the *IP Address*, *Subnet Mask*, and *Gateway* fields. The range commonly used for IP addresses is 192.168.1.1 to 192.168.1.254, with a Subnet Mask of 255.255.255.0. (Each device on your local network requires a unique IP address and the same Subnet Mask.)

### *You cannot access the web-based utility of the Network Storage System.*

Check the IP address of the Network Storage System. By default, the Network Storage System uses a dynamic IP address assigned by your DHCP server (usually a router); run the Setup Wizard or check the router's utility for the current IP address of the Network Storage System. If your network does not have a DHCP server, run the Setup Wizard to assign an appropriate static IP address to the Network Storage System (make sure this static IP address is within the IP address range used by your network).

### *You have configured the Network Storage System is configured, but you do not see it in My Network Places or Network Neighborhood.*

Change the Workgroup of the Network Storage System to match the Workgroup of your computer (refer to the Administration > System Options section of "Chapter 3: Advanced Configuration"). If this does not work, follow these instructions until your problem is solved:

1. Click **Start**. Click **Search**. Click **Computers or people**. Click **A computer on the network**. Enter the name of the Network Storage System, and click **Search**.
2. In all Windows operating systems, the TCP/IP protocol is installed by default. If you have uninstalled the TCP/IP protocol, refer to Windows Help for instructions on how to re-install the TCP/IP protocol.
3. Click **Start**. Select **Control Panel**. Right-click **Network Connections**. Click **Open**. Click **Advanced**. Click **Advanced Settings**. Select the Local Area Connection you are using. In the Bindings for Local Area Connection section, make sure these two settings, File and Printer Sharing for Microsoft Networks and Client for Microsoft Networks, are selected. If not, select them. Then click **OK**.
4. If your local network has a DHCP server (usually a router), run the Setup Wizard and make sure the Network Storage System is on the same network segment as your computer. (If you do not have a router, then skip this step.)
5. If your local network does not have a DHCP server (usually a router), make sure the IP address of your computer is compatible with the IP address of the Network Storage System. The range commonly used for IP addresses is 192.168.1.1 to 192.168.1.254, with a Subnet Mask of 255.255.255.0. (Each device on your local network requires a unique IP address and the same Subnet Mask.)

### *When you click the Network Storage System icon in My Network Places or Network Neighborhood, you are prompted for a password.*

One of the following situations may have occurred:

- The Network Storage System recognizes the Windows user name you used to log into your computer, but it does not recognize the password. At the prompt, enter your password for the Network Storage System. (Later you can change your Windows password to make it match the Network Storage System password.)
- The Network Storage System does not recognize the Windows user name you used to log into your computer, so it recognizes you as a guest with guest access rights. Use the Setup Wizard or web-based utility of the Network Storage system to create an account for your Windows user name.
- You do NOT have permission to access the Network Storage System. Use the Setup Wizard or web-based utility to assign the appropriate level of access to your account.



**NOTE:** Windows uses the computer name as the default user name on the login screen. To create a new Windows user name, enter a new user name and password on the login screen.

***You connected the USB flash disk to the Network Storage System and mapped it as a drive. Now you have disconnected the USB flash disk from the Network Storage System and connected it directly to your computer. The USB flash disk reads as a disconnected network drive.***

Windows maps both the network drive (USB flash disk connected through the Network Storage System) and local drive (USB flash disk connected directly to the computer) to the same drive letter. You can still double-click the disconnected network drive to access the USB flash disk. You can also follow these instructions to map the local USB flash disk to a different drive letter:

1. Right-click **My Computer**.
2. Click **Manage**.
3. Click **Disk Management**.
4. Right-click the USB flash disk.
5. Click **Change Drive Letter and Paths**.
6. Select a different drive letter, and click **OK**.
7. Click **OK** to confirm the change.
8. Click **OK** again. If you wish, you can reassign the former drive letter after the computer is restarted.

***You were not able to map a shared folder using the Network Drive Mapping Utility.***

Your computer is not able to locate the Network Storage System by using its device name, so instead you have to use its IP address and manually map a shared folder in Windows. (If the Network Storage System uses a dynamic IP address assigned by your network router, then run the Setup Wizard or check the router's utility for the current IP address of the Network Storage System.) Follow these instructions:

1. Right-click the **My Network Places** icon.
2. Click **Map Network Drive**.
3. On the *Map Network Drive* screen, enter the folder location using the IP address, `\\<IP_address_of_Network_Storage_System>\<folder_name>` (for example, `\\192.168.1.100\holidaypictures`), instead of the device name.
4. Click **different user name**.
5. The *Connect As...* screen appears. Enter your user name and password. Click **OK**.
6. On the *Map Network Drive* screen, click **Finish**.



**WEB:** If your questions are not addressed here, refer to the Linksys website, [www.linksys.com](http://www.linksys.com)

# Appendix B: Specifications

Model	NAS200
Standards	IEEE 802.3, IEEE 802.3u
Ports	Power, Ethernet, USB 1, USB 2
Buttons	Power, USB 1, USB 2, RESET, BACK UP
LEDs	Power, Ethernet, Disk (Act, Full, 1, 2), USB 1, USB 2
Cabling Type	UTP CAT5 or Better
Security Features	User Name and Password for Both System Administration and File Access

Environmental

Dimensions	6.69" x 4.49" x 7.68" (170 x 114 x 195 mm)
Weight	1.97 lb (893 g)
Power	12V DC, 5A, Switching, 100-240V AC, 50-60Hz, Power Adapter Provided
Certification	FCC, CE
Operating Temp.	41 to 104°F (5 to 40°C)
Storage Temp.	14 to 140°F (−10 to 60°C)
Operating Humidity	10 to 80% Noncondensing
Storage Humidity	5 to 90% Noncondensing

## Appendix C:

# Warranty Information

### Limited Warranty

Linksys warrants to You that, for a period of one year (the "Warranty Period"), your Linksys Product will be substantially free of defects in materials and workmanship under normal use. Your exclusive remedy and Linksys' entire liability under this warranty will be for Linksys at its option to repair or replace the Product or refund Your purchase price less any rebates. This limited warranty extends only to the original purchaser.

If the Product proves defective during the Warranty Period call Linksys Technical Support in order to obtain a Return Authorization Number, if applicable. BE SURE TO HAVE YOUR PROOF OF PURCHASE ON HAND WHEN CALLING. If You are requested to return the Product, mark the Return Authorization Number clearly on the outside of the package and include a copy of your original proof of purchase. RETURN REQUESTS CANNOT BE PROCESSED WITHOUT PROOF OF PURCHASE. You are responsible for shipping defective Products to Linksys. Linksys pays for UPS Ground shipping from Linksys back to You only. Customers located outside of the United States of America and Canada are responsible for all shipping and handling charges.

ALL IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE WARRANTY PERIOD. ALL OTHER EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF NON-INFRINGEMENT, ARE DISCLAIMED. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to You. This warranty gives You specific legal rights, and You may also have other rights which vary by jurisdiction.

This warranty does not apply if the Product (a) has been altered, except by Linksys, (b) has not been installed, operated, repaired, or maintained in accordance with instructions supplied by Linksys, or (c) has been subjected to abnormal physical or electrical stress, misuse, negligence, or accident. In addition, due to the continual development of new techniques for intruding upon and attacking networks, Linksys does not warrant that the Product will be free of vulnerability to intrusion or attack.

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL LINKSYS BE LIABLE FOR ANY LOST DATA, REVENUE OR PROFIT, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, REGARDLESS OF THE THEORY OF LIABILITY (INCLUDING NEGLIGENCE), ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE THE PRODUCT (INCLUDING ANY SOFTWARE), EVEN IF LINKSYS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL LINKSYS' LIABILITY EXCEED THE AMOUNT PAID BY YOU FOR THE PRODUCT. The foregoing limitations will apply even if any warranty or remedy provided under this Agreement fails of its essential purpose. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to You.

Please direct all inquiries to: Linksys, P.O. Box 18558, Irvine, CA 92623.

## Appendix C: Regulatory Information

### FCC Statement

This product has been tested and complies with the specifications for 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 equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment or devices
- Connect the equipment to an outlet other than the receiver's
- Consult a dealer or an experienced radio/TV technician for assistance

### Safety Notices

Caution: To reduce the risk of fire, use only No.26 AWG or larger telecommunication line cord.

Do not use this product near water, for example, in a wet basement or near a swimming pool.

Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.



**WARNING:** This product contains lead, known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling.

### Industry Canada Statement

This device complies with Industry Canada ICES-003 rule.

Operation is subject to the following two conditions:

1. This device may not cause interference and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

### Règlement d'Industry Canada

Cet appareil est conforme à la norme NMB003 d'Industrie Canada.

Le fonctionnement est soumis aux conditions suivantes :


1. Ce périphérique ne doit pas causer d'interférences;
2. Ce périphérique doit accepter toutes les interférences reçues, y compris celles qui risquent d'entraîner un fonctionnement indésirable.

## User Information for Consumer Products Covered by EU Directive 2002/96/EC on Waste Electric and Electronic Equipment (WEEE)


This document contains important information for users with regards to the proper disposal and recycling of Linksys products. Consumers are required to comply with this notice for all electronic products bearing the following symbol:




### English - Environmental Information for Customers in the European Union

European Directive 2002/96/EC requires that the equipment bearing this symbol  on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.


### Български (Bulgarian) - Информация относно опазването на околната среда за потребители в Европейския съюз

Европейска директива 2002/96/EC изисква уредите, носещи този символ  върху изделието и/или опаковката му, да не се изхвърлят с несортирани битови отпадъци. Символът обозначава, че изделието трябва да се изхвърля отделно от сметосъбирането на обикновените битови отпадъци. Ваша е отговорността този и другите електрически и електронни уреди да се изхвърлят в предварително определени от държавните или общински органи специализирани пунктове за събиране. Правилното изхвърляне и рециклиране ще спомогнат да се предотвратят евентуални вредни за околната среда и здравето на населението последствия. За по-подробна информация относно изхвърлянето на вашите стари уреди се обърнете към местните власти, службите за сметосъбиране или магазина, от който сте закупили уреда.


### Čeština (Czech) - Informace o ochraně životního prostředí pro zákazníky v zemích Evropské unie

Evropská směrnice 2002/96/ES zakazuje, aby zařízení označené tímto symbolem  na produktu anebo na obalu bylo likvidováno s netříděným komunálním odpadem. Tento symbol udává, že daný produkt musí být likvidován odděleně od běžného komunálního odpadu. Odpovídáte za likvidaci tohoto produktu a dalších elektrických a elektronických zařízení prostřednictvím určených sběrných míst stanovených vládou nebo místními úřady. Správná likvidace a recyklace pomáhá předcházet potenciálním negativním dopadům na životní prostředí a lidské zdraví. Podrobnější informace o likvidaci starého vybavení si laskavě vyžádejte od místních úřadů, podniku zabývajícího se likvidací komunálních odpadů nebo obchodu, kde jste produkt zakoupili.


### Dansk (Danish) - Miljøinformation for kunder i EU

EU-direktiv 2002/96/EF kræver, at udstyr der bærer dette symbol  på produktet og/eller emballagen ikke må bortskaffes som usorteret kommunalt affald. Symbolet betyder, at dette produkt skal bortskaffes adskilt fra det almindelige husholdningsaffald. Det er dit ansvar at bortskaffe dette og andet elektrisk og elektronisk udstyr via bestemte indsamlingssteder udpeget af staten eller de lokale myndigheder. Korrekt bortskaffelse og genvinding vil hjælpe med til at undgå mulige skader for miljøet og menneskers sundhed. Kontakt venligst de lokale myndigheder, renovationstjenesten eller den butik, hvor du har købt produktet, angående mere detaljeret information om bortskaffelse af dit gamle udstyr.


### Deutsch (German) - Umweltinformation für Kunden innerhalb der Europäischen Union

Die Europäische Richtlinie 2002/96/EC verlangt, dass technische Ausrüstung, die direkt am Gerät und/oder an der Verpackung mit diesem Symbol versehen ist , nicht zusammen mit unsortiertem Gemeindeabfall entsorgt werden darf. Das Symbol weist darauf hin, dass das Produkt von regulärem Haushaltsmüll getrennt entsorgt werden sollte. Es liegt in Ihrer Verantwortung, dieses Gerät und andere elektrische und elektronische Geräte über die dafür zuständigen und von der Regierung oder örtlichen Behörden dazu bestimmten Sammelstellen zu entsorgen. Ordnungsgemäßes Entsorgen und Recyceln trägt dazu bei, potentielle negative Folgen für Umwelt und die menschliche Gesundheit zu vermeiden. Wenn Sie weitere Informationen zur Entsorgung Ihrer Altgeräte benötigen, wenden Sie sich bitte an die örtlichen Behörden oder städtischen Entsorgungsdienste oder an den Händler, bei dem Sie das Produkt erworben haben.


### Eesti (Estonian) - Keskkonnaalane informatsioon Euroopa Liidus asuvatele klientidele

Euroopa Liidu direktiivi 2002/96/EÜ nõuete kohaselt on seadmeid, millel on tootel või pakendil käesolev sümbol , keelatud kõrvaldada koos sorteerimata olmejäätmetega. See sümbol näitab, et toode tuleks kõrvaldada eraldi tavalistest olmejäätmevoogudest. Olete kohustatud kõrvaldama käesoleva ja ka muud elektri- ja elektroonikaseadmed riigi või kohalike ametiasutuste poolt ette nähtud kogumispunktide kaudu. Seadmete korrektne kõrvaldamine ja ringlussevõtt aitab vältida võimalikke negatiivseid tagajärgi keskkonnale ning inimeste tervisele. Vanade seadmete kõrvaldamise kohta täpsema informatsiooni saamiseks võtke palun ühendust kohalike ametiasutustega, jäätmekäitlusfirmaga või kauplusega, kust te toote ostsite.


### Español (Spanish) - Información medioambiental para clientes de la Unión Europea

La Directiva 2002/96/CE de la UE exige que los equipos que lleven este símbolo , en el propio aparato y/o en su embalaje no deben eliminarse junto con otros residuos urbanos no seleccionados. El símbolo indica que el producto en cuestión debe separarse de los residuos domésticos convencionales con vistas a su eliminación. Es responsabilidad suya desechar este y cualesquiera otros aparatos eléctricos y electrónicos a través de los puntos de recogida que ponen a su disposición el gobierno y las autoridades locales. Al desechar y reciclar correctamente estos aparatos estará contribuyendo a evitar posibles consecuencias negativas para el medio ambiente y la salud de las personas. Si desea obtener información más detallada sobre la eliminación segura de su aparato usado, consulte a las autoridades locales, al servicio de recogida y eliminación de residuos de su zona o pregunte en la tienda donde adquirió el producto.


### Ελληνικά (Greek) - Στοιχεία περιβαλλοντικής προστασίας για πελάτες εντός της Ευρωπαϊκής Ένωσης

Η Κοινοτική Οδηγία 2002/96/ΕΚ απαιτεί ότι ο εξοπλισμός ο οποίος φέρει αυτό το σύμβολο , στο προϊόν και/ή στη συσκευασία του δεν πρέπει να απορρίπτεται μαζί με τα μικτά κοινотικά απορρίμματα. Το σύμβολο υποδεικνύει ότι αυτό το προϊόν θα πρέπει να απορρίπτεται ξεχωριστά από τα συνήθη οικιακά απορρίμματα. Είστε υπεύθυνος για την απόρριψη του παρόντος και άλλου ηλεκτρικού και ηλεκτρονικού εξοπλισμού μέσω των καθορισμένων εγκαταστάσεων συγκέντρωσης απορριμμάτων οι οποίες παρέχονται από το κράτος ή τις αρμόδιες τοπικές αρχές. Η σωστή απόρριψη και ανακύκλωση συμβάλλει στην πρόληψη πιθανών αρνητικών συνεπειών για το περιβάλλον και την υγεία. Για περισσότερες πληροφορίες σχετικά με την απόρριψη του παλιού σας εξοπλισμού, παρακαλώ επικοινωνήστε με τις τοπικές αρχές, τις υπηρεσίες απόρριψης ή το κατάστημα από το οποίο αγοράσατε το προϊόν.


### Français (French) - Informations environnementales pour les clients de l'Union européenne

La directive européenne 2002/96/CE exige que l'équipement sur lequel est apposé ce symbole , sur le produit et/ou son emballage ne soit pas jeté avec les autres ordures ménagères. Ce symbole indique que le produit doit être éliminé dans un circuit distinct de celui pour les déchets des ménages. Il est de votre responsabilité de jeter ce matériel ainsi que tout autre matériel électrique ou électronique par les moyens de collecte indiqués par le gouvernement et les pouvoirs publics des collectivités territoriales. L'élimination et le recyclage en bonne et due forme ont pour but de lutter contre l'impact néfaste potentiel de ce type de produits sur l'environnement et la santé publique. Pour plus d'informations sur le mode d'élimination de votre ancien équipement, veuillez prendre contact avec les pouvoirs publics locaux, le service de traitement des déchets, ou l'endroit où vous avez acheté le produit.


### Italiano (Italian) - Informazioni relative all'ambiente per i clienti residenti nell'Unione Europea

La direttiva europea 2002/96/EC richiede che le apparecchiature contrassegnate con questo simbolo , sul prodotto e/o sull'imballaggio non siano smaltite insieme ai rifiuti urbani non differenziati. Il simbolo indica che questo prodotto non deve essere smaltito insieme ai normali rifiuti domestici. È responsabilità del proprietario smaltire sia questi prodotti sia le altre apparecchiature elettriche ed elettroniche mediante le specifiche strutture di raccolta indicate dal governo o dagli enti pubblici locali. Il corretto smaltimento ed il riciclaggio aiuteranno a prevenire conseguenze potenzialmente negative per l'ambiente e per la salute dell'essere umano. Per ricevere informazioni più dettagliate circa lo smaltimento delle vecchie apparecchiature in Vostro possesso, Vi invitiamo a contattare gli enti pubblici di competenza, il servizio di smaltimento rifiuti o il negozio nel quale avete acquistato il prodotto.


### Latviešu valoda (Latvian) - Ekoloģiska informācija klientiem Eiropas Savienības jurisdikcijā

Direktīvā 2002/96/EK ir prasība, ka aprīkojumu, kam pievienota zīme , uz paša izstrādājuma vai uz tā iesaiņojuma, nedrīkst izmest nešķīrotā veidā kopā ar komunālajiem atkritumiem (tiem, ko rada vietēji iedzīvotāji un uzņēmumi). Šī zīme nozīmē to, ka šī ierīce ir jāizmet atkritumos tā, lai tā nenonāktu kopā ar parastiem mājāsaimniecības atkritumiem. Jūsu pienākums ir šo un citas elektriskas un elektroniskas ierīces izmest atkritumos, izmantojot īpašus atkritumu savākšanas veidus un līdzekļus, ko nodrošina valsts un pašvaldību iestādes. Ja izmešana atkritumos un pārstrāde tiek veikta pareizi, tad mazinās iespējamais kaitējums dabai un cilvēku veselībai. Sikākas ziņas par novecojuša aprīkojuma izmešanu atkritumos jūs varat saņemt vietējā pašvaldībā, atkritumu savākšanas dienestā, kā arī veikalā, kur iegādājāties šo izstrādājumu.


### Lietuvškai (Lithuanian) - Aplinkosaugos informacija, skirta Europos Sąjungos vartotojams

Europos direktyva 2002/96/EC numato, kad įrangos, kuri ir , kurios pakuotė yra pažymėta šiuo simboliu (įveskite simbolį), negalima šalinti kartu su nerūšiuotomis komunalinėmis atliekomis. Šis simbolis rodo, kad gaminį reikia šalinti atskirai nuo bendro buitinių atliekų srauto. Jūs privalote užtikrinti, kad ši ir kita elektros ar elektroninė įranga būtų šalinama per tam tikras nacionalinės ar vietinės valdžios nustatytas atliekų rinkimo sistemas. Tinkamai šalinant ir perdirbant atliekas, bus išvengta galimos žalos aplinkai ir žmonių sveikatai. Daugiau informacijos apie jūsų senos įrangos šalinimą gali pateikti vietinės valdžios institucijos, atliekų šalinimo tarnybos arba parduotuvės, kuriose įsigijote tą gaminį.


### Malti (Maltese) - Informazzjoni Ambjentali għal Kliġenti fl-Unjoni Ewropea

Id-Direttiva Ewropea 2002/96/KE titlob li t-tagħmir li jkun fih is-simbolu  fuq il-prodott u/jew fuq l-ippakkjar ma jistax jintrema ma' skart muniċipali li ma għex isseparat. Is-simbolu jindika li dan il-prodott għandu jintrema separatament minn ma' l-iskart domestiku regolari. Hija responsabbiltà tiegħek li tarmi dan it-tagħmir u kull tagħmir ieħor ta' l-elettriku u elettroniku permezz ta' faċilitajiet ta' għbir appuntati apposta mill-gvern jew mill-awtoritajiet lokali. Ir-rimi b'mod korrett u r-riċiklaġġ jgħin jipprevjeni konsegwenzi negattivi potenzjali għall-ambjent u għas-saħħa tal-bniedem. Għal aktar informazzjoni dettaljata dwar ir-rimi tat-tagħmir antik tiegħek, jekk jogħġbok ikkuntattja lill-awtoritajiet lokali tiegħek, is-servizzi għar-rimi ta' l-iskart, jew il-ħanut minn fejn xtrajt il-prodott.


### Magyar (Hungarian) - Környezetvédelmi információ az európai uniós vásárlók számára

A 2002/96/EC számú európai uniós irányelv megkívánja, hogy azokat a termékeket, amelyeken, és/vagy amelyek csomagolásán az alábbi címke  megjelenik, tilos a többi szelektálatlan lakossági hulladékkal együtt kidobni. A címke azt jelöli, hogy az adott termék kidobásakor a szokványos háztartási hulladékelszállítási rendszerektől elkülönített eljárást kell alkalmazni. Az Ön felelőssége, hogy ezt, és más elektromos és elektronikus berendezéseit a kormányzati vagy a helyi hatóságok által kijelölt gyűjtőredszereken keresztül számolja fel. A megfelelő hulladékfeldolgozás segít a környezetre és az emberi egészségre potenciálisan ártalmas negatív hatások megelőzésében. Ha elavult berendezéseinek felszámolásához további részletes információra van szüksége, kérjük, lépjen kapcsolatba a helyi hatóságokkal, a hulladékfeldolgozási szolgálattal, vagy azzal üzlettel, ahol a terméket vásárolta.


### Nederlands (Dutch) - Milieu-informatie voor klanten in de Europese Unie

De Europese Richtlijn 2002/96/EC schrijft voor dat apparatuur die is voorzien van dit symbool  op het product of de verpakking, niet mag worden ingezameld met niet-gescheiden huishoudelijk afval. Dit symbool geeft aan dat het product apart moet worden ingezameld. U bent zelf verantwoordelijk voor de vernietiging van deze en andere elektrische en elektronische apparatuur via de daarvoor door de landelijke of plaatselijke overheid aangewezen inzamelingskanalen. De juiste vernietiging en recycling van deze apparatuur voorkomt mogelijke negatieve gevolgen voor het milieu en de gezondheid. Voor meer informatie over het vernietigen van uw oude apparatuur neemt u contact op met de plaatselijke autoriteiten of afvalverwerkingsdienst, of met de winkel waar u het product hebt aangeschaft.


### Norsk (Norwegian) - Miljøinformasjon for kunder i EU

EU-direktiv 2002/96/EF krever at utstyr med følgende symbol  avbildet på produktet og/eller pakningen, ikke må kastes sammen med usortert avfall. Symbolet indikerer at dette produktet skal håndteres atskilt fra ordinær avfallsinnsamling for husholdningsavfall. Det er ditt ansvar å kvitte deg med dette produktet og annet elektrisk og elektronisk avfall via egne innsamlingsordninger slik myndighetene eller kommunene bestemmer. Korrekt avfallshåndtering og gjenvinning vil være med på å forhindre mulige negative konsekvenser for miljø og helse. For nærmere informasjon om håndtering av det kasserte utstyret ditt, kan du ta kontakt med kommunen, en innsamlingsstasjon for avfall eller butikken der du kjøpte produktet.


### Polski (Polish) - Informacja dla klientów w Unii Europejskiej o przepisach dotyczących ochrony środowiska

Dyrektywa Europejska 2002/96/EC wymaga, aby sprzęt oznaczony symbolem  znajdującym się na produkcie i/lub jego opakowaniu nie był wyrzucany razem z innymi niesortowanymi odpadami komunalnymi. Symbol ten wskazuje, że produkt nie powinien być usuwany razem ze zwykłymi odpadami z gospodarstw domowych. Na Państwu spoczywa obowiązek wyrzucania tego i innych urządzeń elektrycznych oraz elektronicznych w punktach odbioru wyznaczonych przez władze krajowe lub lokalne. Pozbywanie się sprzętu we właściwy sposób i jego recykling pomogą zapobiec potencjalnie negatywnym konsekwencjom dla środowiska i zdrowia ludzkiego. W celu uzyskania szczegółowych informacji o usuwaniu starego sprzętu, prosimy zwrócić się do lokalnych władz, służb oczyszczania miasta lub sklepu, w którym produkt został nabyty.


### Português (Portuguese) - Informação ambiental para clientes da União Europeia

A Directiva Europeia 2002/96/CE exige que o equipamento que exibe este símbolo  no produto e/ou na sua embalagem não seja eliminado junto com os resíduos municipais não separados. O símbolo indica que este produto deve ser eliminado separadamente dos resíduos domésticos regulares. É da sua responsabilidade eliminar este e qualquer outro equipamento eléctrico e electrónico através das instalações de recolha designadas pelas autoridades governamentais ou locais. A eliminação e reciclagem correctas ajudarão a prevenir as consequências negativas para o ambiente e para a saúde humana. Para obter informações mais detalhadas sobre a forma de eliminar o seu equipamento antigo, contacte as autoridades locais, os serviços de eliminação de resíduos ou o estabelecimento comercial onde adquiriu o produto.


### Română (Romanian) - Informații de mediu pentru clienții din Uniunea Europeană

Directiva europeană 2002/96/CE impune ca echipamentele care prezintă acest simbol  pe produs și/sau pe ambalajul acestuia să nu fie casate împreună cu gunoiul menajer municipal. Simbolul indică faptul că acest produs trebuie să fie casat separat de gunoiul menajer obișnuit. Este responsabilitatea dvs. să cașiți acest produs și alte echipamente electrice și electronice prin intermediul unităților de colectare special desemnate de guvern sau de autoritățile locale. Casarea și reciclarea corecte vor ajuta la prevenirea potențialelor consecințe negative asupra sănătății mediului și a oamenilor. Pentru mai multe informații detaliate cu privire la casarea acestui echipament vechi, contactați autoritățile locale, serviciul de salubritate sau magazinul de la care ați achiziționat produsul.


### Slovenčina (Slovak) - Informácie o ochrane životného prostredia pre zákazníkov v Európskej únii

Podľa európskej smernice 2002/96/ES zariadenie s týmto symbolom  na produkte a/alebo jeho balení nesmie byť likvidované spolu s netriedeným komunálnym odpadom. Symbol znamená, že produkt by sa mal likvidovať oddelene od bežného odpadu z domácností. Je vašou povinnosťou likvidovať toto i ostatné elektrické a elektronické zariadenia prostredníctvom špecializovaných zberných zariadení určených vládou alebo miestnymi orgánmi. Správna likvidácia a recyklácia pomôže zabrániť prípadným negatívnym dopadom na životné prostredie a zdravie ľudí. Ak máte záujem o podrobnejšie informácie o likvidácii starého zariadenia, obráťte sa, prosím, na miestne orgány, organizácie zaoberajúce sa likvidáciou odpadov alebo obchod, v ktorom ste si produkt zakúpili.


### Slovenčina (Slovene) - Okoljske informacije za stranke v Evropski uniji

Evropska direktiva 2002/96/EC prepoveduje odlaganje opreme, označene s tem simbolom  – na izdelku in/ali na embalaži – med običajne, nerazvrščene odpadke. Ta simbol opozarja, da je treba izdelek odvreči ločeno od preostalih gospodinjskih odpadkov. Vaša odgovornost je, da to in preostalo električno in elektronsko opremo odnesete na posebna zbirališča, ki jih določijo državne ustanove ali lokalna uprava. S pravilnim odlaganjem in recikliranjem boste preprečili morebitne škodljive vplive na okolje in zdravje ljudi. Če želite izvedeti več o odlaganju stare opreme, se obrnite na lokalno upravo, odpad ali trgovino, kjer ste izdelek kupili.

### Suomi (Finnish) - Ympäristöä koskevia tietoja EU-alueen asiakkaille

EU-direktiivi 2002/96/EY edellyttää, että jos laitteistossa on tämä symboli  itse tuotteessa ja/tai sen pakkauksessa, laitteistoa ei saa hävittää lajittelemattoman yhdyskuntajätteen mukana. Symboli merkitsee sitä, että tämä tuote on hävitettävä erillään tavallisesta kotitalousjätteestä. Sinun vastuullasi on hävittää tämä elektroniikkatuote ja muut vastaavat elektroniikkatuotteet viemällä tuote tai tuotteet viranomaisten määräämään keräyspisteeseen. Laitteiston oikea hävittäminen estää mahdolliset kielteiset vaikutukset ympäristöön ja ihmisten terveyteen. Lisätietoja vanhan laitteiston oikeasta hävitystavasta saa paikallisilta viranomaisilta, jätteenhävityspalvelusta tai siitä myymälästä, josta ostit tuotteen.

### Svenska (Swedish) - Miljöinformation för kunder i Europeiska unionen

Det europeiska direktivet 2002/96/EC kräver att utrustning med denna symbol  på produkten och/eller förpackningen inte får kastas med osorterat kommunalt avfall. Symbolen visar att denna produkt bör kastas efter att den avskiljts från vanligt hushållsavfall. Det faller på ditt ansvar att kasta denna och annan elektrisk och elektronisk utrustning på fastställda samlingsplatser utsedda av regeringen eller lokala myndigheter. Korrekt kassering och återvinning skyddar mot eventuella negativa konsekvenser för miljön och personhälsa. För mer detaljerad information om kassering av din gamla utrustning kontaktar du dina lokala myndigheter, avfallshantering eller butiken där du köpte produkten.



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