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.

<table>
<thead>
<tr>
<th>Resource</th>
<th>Website</th>
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<tbody>
<tr>
<td>Linksys</td>
<td><a href="http://www.linksysbycisco.com">www.linksysbycisco.com</a></td>
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<tr>
<td>Linksys International</td>
<td><a href="http://www.linksysbycisco.com/international">www.linksysbycisco.com/international</a></td>
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<tr>
<td>Glossary</td>
<td><a href="http://www.linksysbycisco.com/glossary">www.linksysbycisco.com/glossary</a></td>
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<tr>
<td>Network Security</td>
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Chapter 1: Product Overview

Thank you for choosing the Linksys by Cisco Media Hub. One Serial-ATA (SATA) hard disk is pre-installed, and a second SATA hard drive bay is available if you want to add more storage space. Use the USB ports to add USB hard drives or connect USB flash drives to access your portable files. (USB hard drives may require external power supplies.) The Media Hub with LCD (NMH400 Series) offers additional features, a LCD screen with navigation pad and memory card slots.

The front panel features vary for the NMH400 and NMH300 Series. The back panel and top panel features are the same for both series.

Front Panel of the Media Hub with LCD (NMH400 Series)

**LCD Screen** When the Media Hub is powered on, the menu is displayed. Use it to initiate backup jobs, display status information, configure LCD screen settings, or power off the Media Hub. Refer to **Chapter 5: Use of the LCD Menu, page 27** for more information.

**Navigation Pad** Use the navigation pad to navigate the LCD menus. Press the up or down arrow to move up or down the menu choices. Press the right arrow to move to a lower menu level. Press the left arrow to move to a higher menu level.

To select a menu choice, press the OK button. Refer to the end of this chapter for more information.

**Power Button and LED** (Blue/Red) To power on the Media Hub, press the Power button. To shut down the Media Hub, press and hold the button until the Power LED starts flashing (this may take more than three seconds). A complete shutdown may take 10-15 seconds.

The Power LED flashes blue when the Media Hub boots up, installs a disk, or shuts down. It is solidly lit blue when the Media Hub is ready for use. The LED flashes either blue or red when there is an error. (Refer to **Appendix A: Troubleshooting, page 44**.)

**NOTE:** If the Media Hub must be shut down for a long period of time, Linksys recommends that you disconnect the power adapter from the Media Hub.

**Secure Digital (SD) Memory Card Slot** Insert the SD, MultiMediaCard (MMC), extreme Digital (xD), or Memory Stick (MS) card to access its files.

**CompactFlash (CF) Memory Card Slot** Insert the CF memory card to access its files.

**USB** The USB port connects to a USB storage device.
Chapter 1

Front Panel of the Media Hub (NMH300 Series)

**Power Button and LED** (Blue/Red) To power on the Media Hub, press the Power button. To shut down the Media Hub, press and hold the button until the Power LED starts flashing (this may take more than three seconds). A complete shutdown may take 10-15 seconds.

The Power LED flashes blue when the Media Hub boots up, installs a disk, or shuts down. It is solidly lit blue when the Media Hub is ready for use. The LED flashes either blue or red when there is an error. (Refer to Appendix A: Troubleshooting, page 44.)

**NOTE:** If the Media Hub must be shut down for a long period of time, Linksys recommends that you disconnect the power adapter from the Media Hub.

**USB** The USB port connects to a USB storage device.

**Back Panel**

Both models of the Media Hub share the same back panel.

**DISK 1** (Blue/Red) The DISK 1 LED serves two purposes. The LED is solidly lit blue when Disk 1 is ready for use. The LED is not lit when no disk is detected.

**DISK 2** (Blue/Red) The DISK 2 LED serves two purposes. The LED is solidly lit blue when Disk 2 is ready for use. The LED is not lit when no disk is detected.

**Back Up Button** To initiate backup jobs specified by the backup software on your computer(s), press the back up button.

**NOTE:** Your computer(s) must be powered on for the jobs to run.

**NOTE:** The backup software must be installed on every computer you want to back up.

**Air Vent** The air vent allows air to circulate and cool the Media Hub.

**WARNING:** Do not block the air vent on the back of the Media Hub; otherwise, overheating can occur.
Chapter 1

Product Overview

Security Slot
The security slot is where you can attach a lock to protect the Media Hub from theft.

USB
The USB port connects to a USB storage device.

Ethernet
The 10/100/1000 Gigabit Ethernet port connects to an Ethernet network device, such as a router or switch. The LED on the left lights up green when there is a 100 Mbps connection. It lights up orange when there is a 1000 Mbps connection. It does not light up when there is a 10 Mbps connection. The amber LED on the right flashes when there is network activity.

Reset
To restore the factory default settings, press and hold the Reset button for three seconds. (User data on the hard disk(s) will not be affected.)

Power
The Power port connects to the included power adapter.

NOTE: If the Media Hub must be shut down for a long period of time, Linksys recommends that you disconnect the power adapter from the Media Hub.

Top Panel
Both models of the Media Hub share the same top panel.
The drive bay cover protects the drive bays. Disk 1, a SATA hard disk, is pre-installed.

Install a Second Hard Disk

NOTE: If you plan to install a second disk and mirror (RAID 1) these disks, then match disk sizes for maximum disk use. For more information about disk configuration options, refer to Available Disk Configuration Actions, page 39.

To install a second SATA hard disk, follow these instructions:

WARNING: Before you install the second hard disk, back up its existing data because all data on the second hard disk will be erased.

1. To shut down the Media Hub, press and hold the Power button until the Power LED starts flashing.
2. Disconnect the power adapter from the Power port.
3. Disconnect the Ethernet network cable from the Ethernet port.
4. To release the drive bay cover, push the button on the top panel.
5. To remove the empty drive bay, push together its clips and pull out the drive bay.
6. Make sure the screw holes of the hard disk line up with the screw holes of the drive bay. Then insert the hard disk into the drive bay.
7. Use the four included screws to secure the hard disk in its bay.
8. With the hard disk's label facing the right side of the Media Hub, slide the disk into the empty slot.
9. Push down on the hard disk to make sure the connectors are securely seated.
10. Lower the cover, and push it down to secure it.
11. Connect the Ethernet network cable to the Ethernet port.
12. Connect the power adapter to the Power port.

Replace a Hard Disk

WARNING: The replacement hard disk must be blank with no partitions; otherwise, the Media Hub cannot use it. (If you want to install a hard disk that was previously used in a Windows computer, refer to Before You Begin, page 47.)

Button
Push the button to open the drive bay cover.
To replace a hard disk, follow these instructions:

1. To shut down the Media Hub, press and hold the Power button until the Power LED starts flashing.
   If this step does not shut down the Media Hub, then proceed to step 2.
2. Disconnect the power adapter from the Power port.
3. Disconnect the Ethernet network cable from the Ethernet port.
4. To release the drive bay cover, push the button on the top panel.
5. To remove the hard disk you want to replace, push together the clips of its drive bay, and then pull out the drive bay.
6. Remove the hard disk from its drive bay.
7. To install the replacement hard disk, make sure the screw holes of the hard disk line up with the screw holes of the drive bay. Then insert the hard disk into the drive bay.
8. Use the four included screws to secure the hard disk in its bay.
9. With the hard disk's label facing the right side of the Media Hub, slide the drive bay back into its slot.
10. Push down on the hard disk to make sure the connectors are securely seated.
11. Lower the cover, and push it down to secure it.
12. Connect the Ethernet network cable to the Ethernet port.
13. Connect the power adapter to the Power port.
Chapter 2: Getting Started

Overview

The Media Hub is designed to store your media content in one location for convenient access. (There are additional ways to use the Media Hub; refer to Chapter 3: Ways to Use the Media Hub, page 11.)

The Media Hub offers three ways to help you copy files to the Media Hub. This chapter describes how to use the Media Importer, NTI Shadow, and the Drag-and-Drop feature. (FTP is another option for copying files.)

You can copy media files from a computer or other network device. You can also copy media files from a USB storage device or memory card directly connected to the Media Hub.

NOTE: Only the Media Hub with LCD (NMH400 Series) supports direct connection of memory cards.

Media Importer

The Media Importer is the import tool that was automatically installed by the Setup Wizard. It supports most popular formats, such as mp3, jpg, and mpg files. Use the Media Importer to automatically find, copy, and update media files to the Media Hub. In the future, any changes made or new files added will be automatically updated on the Media Hub.

Files using the following file formats and extensions are imported:

- **Music** .mp3, .wma, .m4a, .lpcm, .ogg, .flac, .ac3, .mpa, .aif
- **Photos** .jpg, .png
- **Videos** .mpg, .mpeg, .mp4, .avi, .wmv, .divx, .3gp, .asf, .xvid, .m1v, .m4v

If the Media Importer is not installed on your computer, run the Setup Wizard on the enclosed CD-ROM and click Connect Computers.

Access

Double-click the system tray icon to access the Media Importer.

System Tray Icon Menu

Right-click the system tray icon to view the following options:

- **Open** Click this option to open the Media Importer.
- **Go to Media Hub Online** Click this option to open the Media Browser.
- **Media Importer Status** Click this option to view the status of the file transfers to the Media Hub.
- **Shutdown Linksys Media Importer** Click this option to exit the Media Importer.
- **About Linksys Media Importer** Click this option to view the version number of the Media Importer.

Main Menu

The main menu appears with the following options:

- **Disconnect/Connect** Click this option to connect or disconnect the Media Hub from the Media Importer.
- **Switch Media Hub** Click this option to switch to a different Media Hub.
Manage Media Importer  Click this option to select the folders you want to copy to the Media Hub.

![Manage Media Importer](image)

Choose the folders that will be regularly searched for media  Select the appropriate folders.

Only these types  Select the file types that will be copied.

The percentages and size of files by type (Photos/Images, Music, and Video) are displayed.

To exit the Manage Media Importer screen, click Finish.

Media Importer Status  Click this option to view the status of the file transfers to the Media Hub.

![Media Importer Status](image)

Import Status  The number and size of files being imported are displayed.

Time Left  The amount of time left for the import and its speed are displayed.

Current Transfers  For each file, the % (percentage), Folder, File name, Sent (size of imported data), and Size (total size of file) are displayed.

Files imported in this session  For each file, the Time Completed, Folder, File name, and Size are displayed.

To exit the Media Importer Status screen, click Close.

To exit the Media Importer, click the X button in the upper right corner.

NTI Shadow

NTI Shadow is the backup tool you installed during the Setup Wizard. Use it to automatically copy your documents to the Media Hub for safekeeping.

If you chose not to install the backup tool, then NTI Shadow will not be available. To install NTI Shadow, run the Setup Wizard on the enclosed CD-ROM and click Connect Computers.

Access

Go to Start > All Programs > Cisco Media Hub > NTI Shadow.

After you have accessed NTI Shadow for the first time, the system tray icon appears. Double-click the icon to access NTI Shadow.

![NTI Shadow System Tray](image)

System Tray Icon Menu

Right-click the system tray icon to view the following options:

![NTI Shadow Icon Menu](image)

Shadow Setting  Click this option to open NTI Shadow.

About NTI Shadow  Click this option to view the version number of NTI Shadow.

Exit  Click this option to exit NTI Shadow.
Main Menu
The main menu appears.

Create Backup Job
Create Backup Job  Click this option to create a backup job. For more information, refer to Create Backup Job, page 31.

Modify Backup Job
Backup jobs are listed in this section.

Default Backup Job
The Setup Wizard creates a default backup job that backs up specific files in the Documents folder. (This folder is named “Users” in Windows Vista or “Documents and Settings” in Windows XP.)
These files use the following file formats and extensions: .doc, .xls, .pdf, .ppt, .adb, .rtf, .xml, .htm, .html, .txt, and .pst.
The backup files are saved to the \\backup\\<Computer_Name>\\Documents folder on the Media Hub and are organized by date. You can change the default backup job created by the Setup Wizard; for example, you can back up additional folders on your computer.

Options
Select the appropriate backup job, and then click one of the following options:
Start Backup  Click this option to start a backup job.
Edit  Click this option to change a backup job.
Disable  Click this option to disable a backup job.
Disable All  Click this option to disable all backup jobs.
Delete  Click this option to delete a backup job.
To exit NTI Shadow, click Done.

NOTE: For more information about NTI Shadow, click Help.

Drag-and-Drop
Use Windows Explorer and the Drag-and-Drop feature to manually copy files to the Media Hub. Drop or paste music to the music folder, photos to the photos folder, and videos to the videos folder.

Windows Access
1. To open Windows Explorer, go to Start > Programs > Accessories > Windows Explorer. (You can also right-click Start and click Explore.)
2. During the Setup Wizard, you created a Friendly Name or device name for the Media Hub.
In the Address field of Windows Explorer, enter the Friendly Name of the Media Hub:
\\<Friendly_Name>  (Example: \mediahub)

3. Press Enter.
You can also use the drive letter or IP address to access the Media Hub.

NOTE: The drive letter is mapped directly to the media folder, which holds the music, photos, and videos sub-folders. Use the Friendly Name or IP address of the Media Hub to access the backup and media folders.

Drive Letter
During the Setup Wizard, the Media Hub was assigned a drive letter to identify it on your computer.

Windows Vista
Right-click Start. Click Computer, and then click the drive letter to access the media folder of the Media Hub.

Windows XP
Double-click My Computer, and then click the drive letter to access the media folder of the Media Hub.

Drive Letter Not Found
If you do not see a drive letter for the Media Hub, run the Setup Wizard on the enclosed CD and click Connect Computers. You can also follow these instructions:
1. To open Windows Explorer, go to **Start** > **Programs** > **Accessories** > **Windows Explorer**. (You can also right-click **Start** and click **Explore**.)
2. Right-click **My Computer** (Windows XP) or **Computer** (Windows Vista).
3. Select **Map Network Drive**.
4. In the *Folder* field, enter `\<Friendly_Name>\media`.
5. Click **Finish**.

For additional information, refer to Windows Help.

**NOTE:** If you do not see the Media Hub, then change the Workgroup of the Media Hub to match the Workgroup of your computer (refer to **System**, page 36).

### IP Address (For Advanced Users)

1. In the *Address* field of Windows Explorer, enter the IP address of the Media Hub:
   \`\`\IP_address_of_Media_Hub\`\`

2. Then press **Enter**.

**NOTE:** For the Media Hub with LCD (NMH400 Series), look up its IP address through the LCD menu. Refer to **Status**, page 28. For the Media Hub (NMH300 Series), look up its IP address through the router’s web-based utility. Refer to the router’s documentation for more information.

### File Directory

Open the folders of the Media Hub. Use Windows Explorer to add, copy, move, or delete files.

**NOTE:** File transfers may take minutes or hours, depending on file transfer speeds and the number and size of your files. File transfer speeds will vary, depending on network conditions, including use of wireless.
or memory card is displayed. Double-click the name to access its files.

If you accessed the Media Hub through its drive letter, go to `media > devices > mnt`. The name of the USB storage device or memory card is displayed. Double-click the name to access its files.

**Import Folder**

The `media\import` folder stores the data imported from USB storage devices or memory cards. The data is organized by the date of the data import.

**Backup Folder**

The backup folder stores the data backed up from USB storage devices or memory cards. The data is organized by the date of the data backup.

**NOTE:** Use the Friendly Name or IP address of the Media Hub to access the backup folder.

**NOTE:** You can map the backup folder as a separate drive. Refer to Mapped Drive, page 8.
Instructions to Copy Media Files to the Media Hub

Follow these guidelines:

- Copy files of a single file type together at one time. For example, copy music files at one time; do not copy music, photo, and video files at the same time.
- Copy music files to the media\music folder of the Media Hub.
- Copy photo files to the media\photos folder of the Media Hub.
- Copy video files to the media\videos folder of the Media Hub.

**NOTE:** The files you copy to the Media Hub can be accessed by all users of the Media Hub.

The following example describes the instructions to copy music files to the media\music folder of the Media Hub. Use similar instructions to copy the other types of files, photo or video.

1. In Windows Explorer, select the music files on your computer or other network device. Then go to Edit > Copy.

**NOTE:** If you have a USB storage device or memory card directly connected to the Media Hub, then its device name is displayed. Double-click the device name to access its files.

2. Open the media\music folder of the Media Hub.
3. Go to Edit > Paste.

The music files are copied to the media\music folder; this may take minutes or hours, depending on file transfer speeds and the number and size of your files. File transfer speeds will vary, depending on network conditions, including use of wireless.
Chapter 3: Ways to Use the Media Hub

Overview
This chapter describes how you can use the Media Hub:

- centralized storage
- digital media sharing
- on-demand backups
- automatic backup of your computers

Centralized Storage
The Media Hub is designed to store and share files for your network. Most people use Windows Explorer to manage the files of the Media Hub.

If the Remote Access service† is enabled, then use the File Browser for remote access of the Media Hub. (FTP is another option.) For more information about how to configure the remote access settings, refer to Remote Access, page 41.

Local Access
Media files are typically stored on different computers and other network devices throughout the house. You can copy all of the media files to the Media Hub, so your media content is stored in one location for convenient access. Plus you have backup copies of your media files.

The Media Hub offers three ways to help you copy files to the Media Hub:

- the Media Importer
- NTI Shadow
- the Drag-and-Drop feature

For more information, refer to Chapter 2: Getting Started, page 5.

Remote Access
If you enable and set up the Remote Access service, you can use the Media Hub over the Internet. For more information about how to configure the remote access settings, refer to Remote Access, page 41. Use the File Browser to add, copy, move, or delete files. Refer to File Browser, page 24.

Diagram Showing the Media Hub

†Includes Remote Access service for one year from date of purchase. Fees may apply thereafter and are subject to change. Go to www.linksysbycisco.com for further information.
Chapter 3

Ways to Use the Media Hub

Digital Media Sharing

The Media Hub automatically indexes the digital media files it stores, so you can use a web browser to access them through the Media Browser.

Media Browser

After you have copied media files to the Media Hub, use the Media Browser screen to access your home entertainment:

- Play music
- View photos
- Watch videos
- Manage media files

The Media Browser also lets you access devices directly connected to the Media Hub.

USB Storage Devices

Both models of the Media Hub support USB storage devices.

You can connect USB storage devices to the USB ports at any time. All folders and files on these devices are available while the USB storage devices are connected to the Media Hub. Refer to Drag-and-Drop, page 7.

Memory Cards

Only the Media Hub with LCD (NMH400 Series) supports direct connection of memory cards. All folders and files on these cards are available while the memory cards are inserted into the Media Hub. Refer to Drag-and-Drop, page 7.

Local Access

You can access the Media Browser screen from any computer using a web browser.

For more information, refer to Chapter 4: Use of the Media Browser, page 15.

UPnP AV Media Server

If you have UPnP AV-enabled (or DLNA-certified) devices in your home, then you can use the Media Hub as a media server. (This service is enabled by default—no special setup required.) Such devices include digital media adapters and other devices, such as a gaming console with a built-in media player or digital picture frame.

For example, if you have a digital media adapter that sends content to your entertainment system, then the digital media adapter can locate the Media Hub using the UPnP AV standard. Media content on the Media Hub can then be accessed and played by the digital media adapter.

By default, the Media Hub automatically indexes the digital media files it stores. You have the option of indexing media files on your local network. If you use this option, the Media Hub scans its local content and any media content stored in UPnP AV-compatible servers connected to the local network. Refer to Media Server, page 42.

iTunes Server

If you use iTunes, then you can use the Media Hub as a centralized location for your iTunes library. (This service is enabled by default—no special setup required.) Open iTunes on any of the computers on your network, and play any music or video file on the Media Hub.

Remote Access

If you enable and set up the Remote Access service, you can use the Media Hub over the Internet. For more information about how to configure the remote access settings, refer to Remote Access, page 41.

With the Remote Access service, you can access media files through the Media Browser. Use the File Browser to add, copy, move, or delete files. Refer to File Browser, page 24.

Here are a few examples of remote access:

View Pictures Remotely

You want to share pictures from your recent trip, but you forgot to bring the memory card you used. This is not a problem since you have set up your Media Hub for remote access.

1. On your friends’ computer, open the web browser.
3. Enter the remote device name of your Media Hub, and then click Go.
Chapter 3

Ways to Use the Media Hub

NOTE: Depending on the web browser you are using, certificate or security warning screens may appear. To continue with the login process for remote access, accept the warnings. For more information, refer to Appendix A: Troubleshooting, page 44.

4. Enter the password you created during the Setup Wizard (the default is admin). Then click Submit.

5. On the Media Browser screen, click Photos. Navigate to the trip pictures.

Now you can view a slideshow of your trip pictures.

Download Videos Remotely

You want to share videos from your recent trip, but they are stored on your Media Hub. Fortunately, you can access your Media Hub over the Internet.

1. On your friends’ computer, open the web browser.


3. Enter the remote device name of your Media Hub, and then click Go.

NOTE: Depending on the web browser you are using, certificate or security warning screens may appear. To continue with the login process for remote access, accept the warnings. For more information, refer to Appendix A: Troubleshooting, page 44.

4. Enter the password you created during the Setup Wizard (the default is admin). Then click Submit.

5. On the Media Browser screen, click File Browser. Then click the Upload to Media Hub option.

Now you can upload the photos to your Media Hub.

Setup of Remote Access Feature

When you enable and set up the remote access feature, keep the following in mind:

• Every Media Hub has a unique Remote Device Name. If the name you want to use is already taken, then try an alternate name for your Media Hub.

• For remote access, open your web browser. Go to http://www.ciscomediahub.com. When prompted, enter the Remote Device Name and Password of your Media Hub.

For more information, refer to Remote Access, page 41.

On-Demand Backups

Computers

NTI Shadow is the backup tool you installed during the Setup Wizard. During installation, the Setup Wizard creates a default backup job with the “On Demand” option selected. (The default backup job also runs automatically.)

If you have backup jobs with the “On Demand” option selected, then you can use the on-demand backup feature of the Media Hub; for more information, refer to NTI Shadow, page 31.

NOTE: Your computer(s) must be powered on for the jobs to run.

For the Media Hub (NMH300 Series), you can press the back up button on the front panel to initiate backup jobs.

For the Media Hub with LCD (NMH400 Series), you can use the LCD menu to initiate backup jobs; refer to Backup, page 27.
USB Storage Devices

Both models of the Media Hub support direct connection of USB storage devices. You can use the Media Browser to import media files; refer to Devices, page 17.

When you connect a USB storage device to the Media Hub with LCD (NMH400 Series), the LCD menu will ask if you want to import media files; click the OK button to confirm.

You can also use Windows Explorer to access the USB storage device. Then you can copy files to the Media Hub. Refer to Drag-and-Drop, page 7.

Memory Cards

Only the Media Hub with LCD (NMH400 Series) supports direct connection of memory cards.

When you insert a memory card, the LCD menu will ask if you want to import media files; click the OK button to confirm.

You can use the Media Browser to import media files; refer to Devices, page 17.

Windows Explorer is another alternative; use it to access the memory card. Then you can copy files to the Media Hub. Refer to Drag-and-Drop, page 7.

Automatic Backup of Computers

NTI Shadow is the backup tool you installed during the Setup Wizard. During installation, the Setup Wizard creates a default backup job, which runs automatically. (The default backup job also enables the “On Demand” option.)

Default Backup Job

The Setup Wizard creates a default backup job that backs up specific files in the My Documents folder.

These files use the following file formats and extensions: .doc, .xls, .pdf, .ppt, .adb, .rtf, .xml, .htm, .html, .txt, and .pst.

The backup files are saved to the \backup\\<Computer_Name>\\Documents folder on the Media Hub and are organized by date. You can change the default backup job created by the Setup Wizard; for example, you can back up additional folders on your computer.

Additional Backup Jobs

You can set up additional, automatic backup jobs. For instructions, refer to Create Backup Job, page 31.
Chapter 4: Use of the Media Browser

This chapter describes the Media Browser, which is used to access your music, photos, and videos.

How to Access the Media Hub

You can use Windows Explorer or your web browser to access the Media Hub. For more information about Windows Explorer, refer to Drag-and-Drop, page 7.

You can access the Media Browser via a web browser on a local computer connected to your router. Double-click the desktop icon that was created during the Setup Wizard. (If you enable and set up the Remote Access service, you can use the Media Hub over the Internet. Refer to Remote Access Instructions, page 41.)

Media Hub Desktop Icon

You can also follow these instructions:

1. Open your web browser.
2. In the Address field, enter one of the following:
   - http://<Friendly_Name> (example: http://Media1)

Press Enter.

NOTE: The Friendly Name is the name you created during the Setup Wizard. If you did not create a Friendly Name, use the default name; enter http://mediahub.

NOTE: For the Media Hub with LCD (NMH400 Series), look up its IP address through the LCD menu. Refer to Status, page 28.

For the Media Hub (NMH300 Series), look up its IP address through the router’s web-based utility. Refer to the router’s documentation for more information.

NOTE: To access the Media Browser from a Mac, use one of the following:
- http://<Friendly_Name>.local
- http://<Friendly_Name>.local
- http://<IP_address_of_Media_Hub>

3. If you do not have Adobe Flash Player (version 9 or higher) installed, you will be prompted to install it. Follow the on-screen instructions. (An active Internet connection is required.)

The Media Browser screen of the web-based utility appears.

Media Browser

How to Use the Media Browser

Use the Media Browser screen to access your home entertainment:
- Play music
- View photos
- Watch videos

The Media Hub scans for music, photos, and videos. This activity may take several hours the first time the scan occurs, depending on the number of media files. Subsequent scans for updates will take less time.

The Media Browser screen displays thumbnail images of files found in the music, photos, and import folders of the Media Hub (it will not display thumbnail images of sub-folders).

NOTE: The files you copy to the Media Hub can be accessed by all users of the Media Hub.

You have these options:

Configuration Access advanced settings through this option. Refer to Chapter 7: Advanced Configuration, page 35 for more information.
Chapter 4

Use of the Media Browser

Re-Scan  Refresh the Media Hub’s index of media files.
Search  Use this option to search your files by keyword. Refer to Search, page 17.
? (link to User Guide)  Access the online version of this User Guide through this option. (An active Internet connection is required.)

Media Browser > Configuration, Re-Scan, Search, ? (link to User Guide)

Music  Click this option to access your music files. Refer to Music, page 18.
Photos  Click this option to access your photo files. Refer to Photos, page 20.
Videos  Click this option to access your video files. Refer to Videos, page 22.
File Browser  Click this option to access the Media Hub’s folder directory and manage your media files. Refer to File Browser, page 24.

Media Browser > Music, Photos, Videos, File Browser

Recent Music
The files with the most recent file dates are displayed. To play a music file, select it. Then click the Play button.

NOTE: The Media Hub's built-in music player only supports the mp3 and wma audio format. Other files will open in the default player for the files' specific file extension(s).

Recent Photos
The files with the most recent file dates are displayed. To view a photo, select it. Then click the Play button.

NOTE: The Media Hub's built-in viewer only supports the jpeg format. Other files will open in the default viewer for the files' specific file extension(s).

Recent Videos
The files with the most recent file dates are displayed. To play a video, select it. Then click the Play button.

NOTE: The Media Hub plays video content through a browser plug-in. Download and install your favorite media player to enable video playback within the Media Browser. Please note that media players have varying levels of support for different video formats. If the video format you want to play is not supported, you may want to search the Internet for a media player that can run on your computer and support the desired video formats. (Make sure you download the latest version.) Some suggested players include QuickTime, VLC, and Windows Media Player.
For more information about video support, visit http://www.linksysbycisco.com/support.

Disk Space
The amounts of used, available, and total disk space of the Media Hub are displayed.

NOTE: The Media Hub uses an online service to retrieve metadata such as album title, artist name, album cover art. No information about your music collection is stored by the online service.

USB
The Media Browser screen displays the number of USB storage devices directly connected to the Media Hub. You can connect USB storage devices to the USB ports at any time. All folders and files on these devices are available while the USB storage devices are connected to the Media Hub.
**NOTE:** Detection of a new USB storage device or memory card may take up to one minute.

Double-click the USB icon to access status information or import media files. A new screen appears. Refer to **Devices, page 17**.

**Memory Cards**

Only the Media Hub with LCD (NMH400 Series) supports direct connection of memory cards.

The Media Browser screen displays the number of memory cards directly connected to the Media Hub. All folders and files on these cards are available while the memory cards are inserted into the Media Hub.

Double-click the memory card icon to access status information or import media files. A new screen appears. Refer to **Devices, page 17**.

**Devices**

For the selected device, the amounts of used, available, and total storage space are displayed.

**Import Media** To copy the media files on the device to the Media Hub, click this option.

When the import is complete, click **OK**.

**Other Devices**

Click the **left** or **right arrow** button to scroll through the other devices.

**Cancel** To exit the Devices screen, click this option.

**Search**

Enter the keyword, and then click the **magnifying glass** button. The Search Results screen appears.

**Use Search Results**

**Search results for** The keyword is displayed.

The search results are listed in a table with the following options and information:

- **Play in External Application** To use the computer’s external player, click the **Play in External Application** button. (Available for videos only.)
- **Play** To use the Media Hub’s built-in player or viewer, click the **Play** button. 
- **Add to Playlist** To add an album or song to the playlist, click the **Add to Playlist** button. (Available for music only.)
- **Thumbnail** A thumbnail of the photo or associated image is displayed.
- **Name/Title** The name of the file is displayed.
- **Type** The file type is displayed.
- **Date** The date when the file was last saved is displayed.
- **Size** The size of the file is displayed.
- **Info** Descriptive information is displayed.

The initial search automatically includes music, photo, and video files.

**Navigation**

Four icons are displayed at the top of the screen.
Chapter 4

Use of the Media Browser

Home  To return to the Media Browser screen at any time, click the Home icon.

Music  To view your music files, click the Music icon.

Photos  To view your photo files, click the Photos icon.

Videos  To view your video files, click the Videos icon.

File Browser  To access the Media Hub's folder directory and manage your media files, click the File Browser icon.

Music

After you click the Music option, the Music screen appears. View your music files by category:

- Album
- Artist
- Recent
- Song

The thumbnail view is automatically displayed. At the bottom right of the screen, the number of pages is listed. Use the slider to move from page to page.

For a list with details, click the list view button at the bottom left of the screen.

Music > Album (Thumbnail View)

When you are viewing any music category, select the album or song you want.

Add to Playlist  To add an album or song to the playlist, click the Add to Playlist button.

Play  To play the music, click the Play button.

NOTE: The Media Hub's built-in music player supports the mp3 and wma audio formats. Other files will open in the default player for the files' specific file extension(s).

A new screen opens with the name of the song displayed.

- Pause/Play  Click the button to pause the song. Click it again to resume.

Music > Album (Thumbnail View)

Music > Album (List View)

Previous  To move to the previous song on the playlist, click the Previous button.

Next  To move to the next song on the playlist, click the Next button.

Timer  The timer shows the duration of the song played and the duration of the rest of the song.

Volume  To mute the sound, click the speaker icon. Click it again to resume the sound. To change the volume level, use the volume slider.

Shuffle Playlist  To shuffle the songs on the playlist, click the Shuffle Playlist button.

Clear Playlist  To clear the playlist of all songs, click the Clear Playlist button.

To display the playlist, click the down arrow. The song title and duration of each song are displayed. To minimize the playlist, click the up arrow.

To return to the Media Browser screen at any time, click the Home icon. To switch to photos, click the Photos icon. To switch to videos, click the Videos icon. To access the Media Hub's folder directory and manage your media files, click the File Browser icon.

Album

The alphabet is displayed at the top of the screen. Click the letter that starts the name of the album you want.

NOTE: The Media Hub's built-in music player supports the mp3 and wma audio formats. Other files will open in the default player for the files' specific file extension(s).

A new screen opens with the name of the song displayed.

- Pause/Play  Click the button to pause the song. Click it again to resume.

Music > Album (Thumbnail View)

Music > Album (List View)

Thumbnail View

Each album displays its album name and artist name.

Add to Playlist  To add an album to the playlist, click the Add to Playlist button.

Play  To play the music, click the Play button.
List View

The albums are listed in a table with the following options and information:

**Play**  To play the music, click the **Play** button.

**Add to Playlist**  To add an album to the playlist, click the **Add to Playlist** button.

**Album**  The name of the album is displayed.

**Artist Name**  The name of the artist is displayed.

**Genre**  The genre of the song is displayed.

For more information about an album, double-click its thumbnail or name (list view).

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**Artist Close-Up**

The names of the album and artist are displayed.

**Play Entire Album**  To play all songs, click the **Play** button.

The song tracks are listed in order.

**Play in External Application**  To play the music using an external player, click the **Play in External Application** button. (The external player is the default music player application on your computer.)

**Play**  To play the music using the Media Hub’s built-in player, click the **Play** button.

**Add to Playlist**  To add a song to the playlist, click the **Add to Playlist** button.

#  The track number is displayed. Click the **up** or **down** arrow to change the track order (ascending or descending).

**Song**  The title of the song is displayed.

**Duration**  The duration of the complete song is displayed.

---

**Recent**

The files with the most recent file dates are displayed.
Add to Playlist To add a song to the playlist, click the Add to Playlist button.

Play To play the music, click the Play button.

List View
The songs are listed in a table with the following options and information:

Play in External Application To play the music using an external player, click the Play in External Application button. (The external player is the default music player application on your computer.)

Play To play the music using the Media Hub's built-in player, click the Play button.

Add to Playlist To add a song to the playlist, click the Add to Playlist button.

Song The title of the song is displayed.

Album The name of the album is displayed.

Artist Name The name of the artist is displayed.

Genre The genre of the song is displayed.

Duration The duration of the complete song is displayed.

Loc The location of the song is displayed.

Song
The alphabet is displayed at the top of the screen. Click the letter that starts the name of the song you want.

Play in External Application To play the music using an external player, click the Play in External Application button. (The external player is the default music player application on your computer.)

Play To play the music using the Media Hub's built-in player, click the Play button.

Add to Playlist To add a song to the playlist, click the Add to Playlist button.

Song The title of the song is displayed.

Album The name of the album is displayed.

Artist Name The name of the artist is displayed.

Genre The genre of the song is displayed.

Duration The duration of the complete song is displayed.

Loc The location of the song is displayed.

Photos
After you click the Photos option, the Photos screen appears. View your photo files by category:

- Album
- Date
- Name
- Recent

The thumbnail view is automatically displayed. At the bottom right of the screen, the number of pages is listed. Use the slider to move from page to page.

For a list with details, click the list view button at the bottom left of the screen.

Photos > Album (Thumbnail View)

When you are viewing any photo category, select the album or photo file you want.

Play To begin a slideshow, click the Play button.

Photos > Album (Thumbnail View)
NOTE: The Media Hub’s built-in viewer supports the jpeg format. Other files will open in the default viewer for the files’ specific file extension(s).

The slideshow automatically begins. Click the screen to display thumbnails and options at the top of the screen. Mouse over a photo to display a larger thumbnail, or click a photo to display it within your web browser.

Options are listed at the top of the screen and are described below starting on the left of the screen.

- Previous Page Click the Previous Page (left arrow) button to view the previous page of photos.
- Scroll Left Click the scroll left (bracket) button to scroll through the photos to the left.
- Scroll Right Click the scroll right (bracket) button to scroll through the photos to the right.
- Next Page Click the Next Page (right arrow) button to view the next page of photos.
- Sidebar Click and then move the sidebar to change the display duration; select 2, 5, 10, 30, or 60 Seconds Delay.
- Pause/Play Click the button to pause the photo on display. Click it again to resume the slideshow.
- Enter Full Screen Click the Enter Full Screen button to display the slideshow on the entire screen. Click this button again or press ESC to exit full screen mode.
- Close Show Click the Close Show (X) button to return to the Photos screen.

If the options disappear, click anywhere on the screen to make the options reappear.

To return to the Media Browser screen at any time, click the Home icon. To switch to music, click the Music icon. To switch to videos, click the Videos icon. To access the Media Hub’s folder directory and manage your media files, click the File Browser icon.

Album

The alphabet is displayed at the top of the screen. Click the letter that starts the name of the album you want.

Thumbnail View

Each album displays its name and date.

Play To begin a slideshow, click the Play button.

List View

The albums are listed in a table with the following option and information:

Play To begin a slideshow, click the Play button.

Photo-Album The name of the album is displayed.

Date

The months are displayed at the top of the screen. Click the month of the photos you want.

Thumbnail View

Each photo displays its date, name, and album name.

Play To begin a slideshow, click the Play button.
List View

The photos are listed in a table with the following option and information:

- **Play**  To begin a slideshow, click the **Play** button.
- **Date**  The date when the photo was last saved is displayed.
- **Photo**  The name of the photo is displayed.
- **Photo-Album**  The name of the album is displayed.
- **Size**  The size of the file is displayed.
- **Dimension**  The dimensions in width by height (in pixels) are displayed.
- **Loc**  The location of the photo is displayed.

**Name**

The alphabet is displayed at the top of the screen. Click the letter that starts the name of the photo you want.

**Thumbnail View**

Each photo displays its date, name, and album name.

- **Play**  To begin a slideshow, click the **Play** button.

**List View**

The photos are listed in a table with the following option and information:

- **Play**  To begin a slideshow, click the **Play** button.
- **Date**  The date when the photo was last saved is displayed.
- **Photo**  The name of the photo is displayed.
- **Photo-Album**  The name of the album is displayed.
- **Size**  The size of the file is displayed.
- **Dimension**  The dimensions in width by height (in pixels) are displayed.

**Recent**

The files with the most recent file dates are displayed.

**Thumbnail View**

Each photo displays its date, name, and album name.

- **Play**  To begin a slideshow, click the **Play** button.

**List View**

The photos are listed in a table with the following option and information:

- **Play**  To begin a slideshow, click the **Play** button.
- **Date**  The date when the photo was last saved is displayed.
- **Photo**  The name of the photo is displayed.
- **Photo-Album**  The name of the album is displayed.
- **Size**  The size of the file is displayed.
- **Dimension**  The dimensions in width by height (in pixels) are displayed.

**Videos**

After you click the Videos option, the Videos screen appears

View your video files by category:

- Name
- Recent

The thumbnail view is automatically displayed. For a list with details, click the list view button at the bottom of the screen.
When you are viewing any video category, select the video file you want.

**Play** To play a video, click the Play button.

**NOTE:** The Media Hub plays video content through a browser plug-in. Download and install your favorite media player to enable video playback within the Media Browser. Please note that media players have varying levels of support for different video formats. If the video format you want to play is not supported, you may want to search the Internet for a media player that can run on your computer and support the desired video formats. (Make sure you download the latest version.) Some suggested players include QuickTime, VLC, and Windows Media Player.

For more information about video support, visit [http://www.linksysbycisco.com/support](http://www.linksysbycisco.com/support).

A new screen opens.

- **Slidebar** Use the video slider to move forward or backward in the video.
- **Volume** To mute the sound, click the speaker icon. Click it again to resume the sound. To change the volume level, use the volume slider.
- **Pause/Play** Click the button to pause the video. Click it again to resume.
- **Stop** Click the Stop button to stop the video.
  
  Click the X button to exit the screen.

To return to the Media Browser screen at any time, click the **Home** icon. To switch to music, click the **Music** icon. To switch to photos, click the **Photos** icon. To access the Media Hub's folder directory and manage your media files, click the **File Browser** icon.

### Name

The alphabet is displayed at the top of the screen. Click the letter that starts the name of the video you want.

**NOTE:**

Each video displays its title, duration, and size.

**Play** To play a video, click the Play button.

**List View**

The videos are listed in a table with the following options and information:

**Play in External Application** To play a video using an external player, click the Play in External Application button. (The external player is the default video application on your computer.)

**Play** To play a video using the Media Hub's built-in player, click the Play button.

**Video** The name of the video is displayed.

**Type** The type of video is displayed.

**Date** The date when the video was last saved is displayed.

**Size** The size of the file is displayed.

**Duration** The duration of the video is displayed.

**Loc** The location of the video is displayed.
Chapter 4 Use of the Media Browser

Recent

The files with the most recent file dates are displayed.

Videos > Recent (Thumbnail View)

Thumbnail View

Each video displays its title, duration, and size.

Play  To play a video, click the Play button.

List View

The videos are listed in a table with the following options and information:

Play in External Application  To play a video using an external player, click the Play in External Application button. (The external player is the default video application on your computer.)

Play  To play a video using the Media Hub's built-in player, click the Play button.

Video  The name of the video is displayed.

Type  The type of video is displayed.

Date  The date when the video was last saved is displayed.

Size  The size of the file is displayed.

Duration  The duration of the video is displayed.

Loc  The location of the video is displayed.

File Browser

Use the File Browser option to access the Media Hub's folder directory and manage your media files.

NOTE: With the File Browser, you have access to the Media Hub only. To copy files from your computer to the Media Hub, use Windows Explorer. Refer to Drag-and-Drop, page 7.

After you click the File Browser option, the password screen appears.

Enter the password you created during the Setup Wizard (the default is admin). Click Submit.

To open the appropriate folder, use the Directory Tree the same way you would use Windows Explorer. When you mouse over an icon, the tooltip displays its function.

File and Folder Options

To manage your files and folders, use the following options:

Refresh file list  Click this option to update the list.

File Browser > Media Hub > Media > Photos

The files are listed with the following information: Name, Size, Type of file, and Modified by date.

File and folder options are listed above the list of files.

Page options are listed below the list of files. Refer to Page Options, page 26.
Delete File  Select a file, and then click this option. On the Delete screen, click Yes to delete the file.

Copy File  Select a file, and then click this option. On the Copy File(s) screen, select the location for the copy, and then click Submit.

Move File  Select a file, and then click this option. On the Move File(s) screen, select the location for the move, and then click Submit.

Rename File  Select a file, and then click this option. On the Rename File or Folder screen, enter the new name, and then click Submit.

New Folder  Click this option to create a new folder. On the New Folder screen, enter the name, and then click Submit.

Delete Folder  Select a folder, and then click this option. On the Delete screen, click Yes to delete the folder.

Rename Folder  Select a folder, and then click this option. On the Rename File or Folder screen, enter the new name, and then click Submit.

Download to PC  Select a file, and then click this option. On the Download to PC screen, click Download.

NOTE: The Download to PC screen may appear differently, depending on your web browser.
**Upload to Media Hub**  Click this option to upload files to the Media Hub. The *Upload Files* screen appears.

- **Browse**  Click this option to select files.
- **Remove**  To remove a file from the upload list, select the file, and then click this option.
- **Remove All**  To remove all files from the upload list, click this option.

The upload list displays File name, File Type, and File Size for all files.

- **Upload**  To upload files to the Media Hub, click this option.

**Page Options**

To display a different page of files, use one of the following options:

- **First Page**  Click this option to display the first page of files.
- **Previous Page**  Click this option to display the previous page of files.
- **Page _ of <Total_Pages>**  Enter the number of the page you want to display.
- **Next Page**  Click this option to display the next page of files.
- **Last Page**  Click this option to display the last page of files.
Chapter 5: Use of the LCD Menu

This chapter describes functions of the LCD menu, which is only featured on the Media Hub with LCD (NMH400 Series). Use the LCD menu to do the following:

- initiate backup jobs for computer(s) running the backup tool (Refer to NTI Shadow, page 31 for more information.)
- back up or import files from your USB storage device or memory card to the Media Hub
- display status information for the Media Hub

**NOTE:** For the IP address of the Media Hub, go to Status > Network.

- configure LCD screen settings
- power off the Media Hub

How to Navigate the LCD Menu

Use the navigation pad to navigate the LCD menus. Press the up or down arrow to move up or down the menu choices. Press the right arrow to move to a lower menu level. Press the left arrow to move to a higher menu level.

The OK button has three functions:

- To select a menu choice, press the OK button.
- While the Media Hub is booting up, press the OK button to boot backup firmware from the hard drive.
- To display the main menu, press the OK button.

How to Access the LCD Menu

After the Media Hub is powered on and boots up, the main menu is displayed and offers these options:

**Backup** Select this option to initiate computer or device backup jobs.

**Status** Select this option to view space, usage, or network information.

**Settings** Select this option to configure the screensaver or backlight settings. You can also upgrade the firmware of the Media Hub.

**Power Off** Select this option to power off the Media Hub.

If the screensaver with the Friendly Name is displayed, press the OK button to activate the LCD menu.

Backup

The Backup screen allows you to copy files from your computers or devices to the Media Hub.
**PC Backup** Select this option to initiate backup jobs specified by the backup tool on your computer. (Your computer must be powered on for the jobs to run.)

After the Media Hub sends the backup message to your computer, click **OK** to return to the **Backup** menu.

**NOTE:** The Setup Wizard automatically installs a backup tool on your computer to run backup jobs (unless you choose not to install it); refer to **NTI Shadow, page 31.** If you have installed the backup tool, then you can use the computer backup feature of the Media Hub.

**Device Backup** To back up a device directly connected to the Media Hub, select **Device Backup.**

**NOTE:** You can directly connect USB storage devices to both series of the Media Hub. Only the Media Hub with LCD (NMH400 Series) supports direct connection of memory cards.

On the **Device Backup** screen, select the device you want to back up.

After all files have been copied to the Media Hub, click **OK** to return to the **Backup** menu.

Backup data is saved to the media/backup folder, which organizes the data by the date of the data backup. Refer to **Backup Folder, page 9.**

**Status**

The **Status** screen allows you to display information about the Media Hub.

**Space** Select this option to view the amounts of used, available, and total memory.

Press the left arrow to return to the **Status** menu.

**Usage** Select this option to view the percentages of the Media Hub used by Music, Photos, Videos, and Other media.
Press the left arrow to return to the Status menu.

**Network** Select this option to view the status of the Internet connection, status of the Local Area Network (LAN) connection, and local IP address of the Media Hub.

- **Internet** The icon is green if there is a connection to the Internet. It is red if there is no connection.
- **LAN** The icon is green if there is a connection to the local network. It is red if there is no connection.
- **IP Address** You can use the local IP address of the Media Hub to access its web-based utility. Refer to Chapter 7: Advanced Configuration, page 35 for more information.

Press the left arrow to return to the Status menu.

**Settings**

The Settings screen allows you to configure the LCD screen settings. You can also upgrade the firmware of the Media Hub.

**Screensaver** Select this option to configure the wait time before the screensaver activates.

- **Never** If you never want to use the screensaver, select this option.
- **5 seconds** If you want the screensaver to activate after five seconds of LCD inactivity, select this option.
- **30 seconds** If you want the screensaver to activate after 30 seconds of LCD inactivity, select this option.
- **1 minute** If you want the screensaver to activate after one minute of LCD inactivity, select this option.

Press the left arrow to return to the Settings menu.

**Backlight** Select this option to configure the duration of the backlight for the LCD screen.

- **Never** If you never want to use the backlight, select this option.
- **5 seconds** If you want the backlight to last five seconds, select this option.
- **30 seconds** If you want the backlight to last 30 seconds, select this option.
- **1 minute** If you want the backlight to last one minute, select this option.

Press the left arrow to return to the Settings menu.

**Firmware** Select this option to view the version numbers of the current and latest firmware. You can also upgrade the firmware of the Media Hub.

- **Current version** The version number of the current firmware is displayed.
- **Latest version** The version number of the latest available firmware is displayed.
- **Update** Click Update to upgrade the firmware to the latest version available.

WARNING: Do not reboot or power off the Media Hub during the firmware upgrade.
Press the left arrow to return to the Settings menu.

**Power Off**

The *Power Off* screen allows you to power off the Media Hub from the front panel.

Click **Yes** to confirm the power-off, or click **No** to cancel.

**Alerts**

The LCD menu also displays informative alert messages. This section describes the possible messages.

**New Device Alert**

A new device is connected to the Media Hub. Click **OK**.

On the *Alert* screen, click **Yes** to copy media files of the new device to the Media Hub, or click **No** to cancel.

If you clicked **Yes**, then the Media Hub will copy media files of the new device to the Media Hub.

After the media files have been copied, click **OK**.

Import data is saved to the media/import folder, which organizes the data by the date of the data import. Refer to *Backup Folder, page 9*.

**NOTE:** To back up all files of the new device, refer to *Backup, page 27*. (The Import option only copies media files.)
Chapter 6: File Backup

Overview

This chapter describes how to back up files to the Media Hub. NTI Shadow is the backup tool you installed during the Setup Wizard. You can initiate on-demand backup jobs or set up automatic backup jobs to automatically copy your documents to the Media Hub for safekeeping.

(If you did not choose to install the backup tool, then NTI Shadow will not be available. To install NTI Shadow, run the Setup Wizard on the enclosed CD-ROM and click Connect Computers.)

NTI Shadow

Access

Go to Start > All Programs > Cisco Media Hub > NTI Shadow.

After you have accessed NTI Shadow for the first time, the system tray icon appears. Double-click the icon to access NTI Shadow.

System Tray Icon Menu

Right-click the system tray icon to view the following options:

- **Shadow Setting**  Click this option to open NTI Shadow.
- **About NTI Shadow**  Click this option to view the version number of NTI Shadow.
- **Exit**  Click this option to exit NTI Shadow.

Main Menu

The main menu appears.
2. Click **Browse** to select the Media Hub.

3. Click **Computer** or **My Computer**. Select the Media Hub, and then select the folder you want. (The backup folder is recommended.)

To create a folder, click **Make New Folder**. Enter a name.

Then click **OK**.

4. Select one of the following schedule options:
   - **On Demand (Only)** Select this option to start a backup job manually, either through NTI Shadow or the Backup feature on the Media Hub (refer to **On-Demand Backup, page 33** for more information).
   - **Save your folder/file changes to the backup destination every time you save changes to your PC** Select this option to start a backup job every time incremental changes are made to your folders or files.
   - **Save your folder/file changes every** Select this option to start a backup job as often as you specify in minutes, hours, or days. Select **On Demand** if you want to start the backup job using the Backup feature on the Media Hub (refer to **On-Demand Backup, page 33** for more information).

   ![Job Wizard](image)

   **Where & When to Back up**

5. Select one of the following save options:
   - **Save all the previous file versions** Select this option if you want to save all previous versions.
   - **Save a limited number of previous versions** Select this option if you want to save the number of previous versions you specify.
   - **Do not save any previous file versions** Select this option if you do not want to save any previous versions.

Then click **Next**.
6. Review the settings. To change the settings, click Back.

If the settings are correct, click Finish to save the backup job.

7. To start your backup job now, click Yes. Otherwise, click No.

8. NTI Shadow will save your backup job. Click OK.

9. The new backup job is now listed in the Modify Backup Job section.

Modify Backup Job

Backup jobs are listed in this section.

Default Backup Job

The Setup Wizard creates a default backup job that backs up specific files in the Documents folder. (This folder is named “Users” in Windows Vista or “Documents and Settings” in Windows XP.)

These files use the following file formats and extensions: .doc, .xls, .pdf, .ppt, .adb, .rtf, .xml, .htm, .html, .txt, and .pst.

The backup files are saved to the \backup\<Computer_Name>\Documents folder on the Media Hub and are organized by date. You can change the default backup job created by the Setup Wizard; for example, you can back up additional folders on your computer.

Options

Select the appropriate backup job, and then click one of the following options:

Start Backup Click this option to start a backup job.
Edit Click this option to change a backup job.
Disable Click this option to disable a backup job.
Disable All Click this option to disable all backup jobs.
Delete Click this option to delete a backup job.

To exit NTI Shadow, click Done.

NOTE: For more information about NTI Shadow, click Help.

Backup Jobs

On-demand and automatic backup options are available.

Before you can run a backup job, check the following:

- Your computer(s) must be powered on for the jobs to run.
- The backup software must be installed on every computer you want to back up.

Automatic Backup

For automatic backups, use the backup software to create and schedule automatic backup jobs. Make sure you set the backup destination to be the Media Hub. Refer to Create Backup Job, page 31.

On-Demand Backup

There are three ways to initiate a backup job using the Media Hub:

- LCD menu (Media Hub with LCD, NMH400 Series)
• back up button (Media Hub, NMH300 Series)
• web-based utility (both series of the Media Hub)

You can also use the backup software to initiate a backup job.

**NOTE:** When you set up the options of your backup job through the backup software, make sure the “On Demand” option is selected.

Follow the instructions for the method you want to use.

### Backup Using LCD Menu

The LCD menu is available on the Media Hub with LCD (NMH400 Series).

1. If the screensaver is displayed, press the **OK** button to activate the LCD menu.
2. On the Main Menu, select **Backup**.
3. Select **PC Backup** to initiate backup jobs specified by the backup software on your computer(s).
4. After the Media Hub sends the backup message to your computer, click **OK** to return to the **Backup** menu.

### Back Up Button

The back up button screen is available on the Media Hub (NMH300 Series).

To initiate backup jobs specified by the backup software on your computer, press the **back up** button.

### Both Series of the Media Hub

1. Access the web-based utility of the Media Hub. (Refer to **Chapter 7: Advanced Configuration, page 35**.)
2. On the **Media Browser** screen, click **Configuration**.
3. Enter your password, and then click **Submit**.
4. Click the **Backup** tab.
5. Click **Backup** to initiate backup jobs specified by the backup software on your computer(s).
Chapter 7: Advanced Configuration

**NOTE:** When first installing the Media Hub, 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 Media Hub 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 local computer connected to your router. (If you enable and set up the Remote Access service, you can use the Media Hub over the Internet. Refer to Remote Access Instructions, page 41.)

**How to Access the Web-Based Utility**

To access the Media Hub from any computer using a web browser, double-click the desktop icon that was created during the Setup Wizard.

![Media Hub Desktop Icon](image)

You can also follow these instructions:

1. Open your web browser.
2. In the Address field, enter one of the following:
   - `http://<Friendly_Name>` (example: `http://mediahub`)

   Press Enter.

   **NOTE:** The Friendly Name is the name you created during the Setup Wizard. If you did not create a Friendly Name, use the default name; enter `http://mediahub`.

   **NOTE:** The Friendly Name is the name you created during the Setup Wizard. If you did not create a Friendly Name, use the default name; enter `http://mediahub`.

   **NOTE:** For the Media Hub with LCD (model number: NMH405), look up its IP address through the LCD menu. Refer to Status, page 28.

   For the Media Hub (NMH300 Series), look up its IP address through the router’s web-based utility. Refer to the router’s documentation for more information.

   **NOTE:** To access the Media Browser from a Mac, use one of the following:
   - `http://<Device_Name>.local`
   - `<Device_Name>.local`
   - `http://<IP_address_of_Media_Hub>`

   3. If you do not have Adobe Flash Player (version 9 or higher) installed, you will be prompted to install it. Follow the on-screen instructions. (An active Internet connection is required.)

   4. The Media Browser screen of the web-based utility appears. Click **Configuration**.

   ![Media Browser Screen](image)

   **NOTE:** For more information about the Media Browser screen, refer to Chapter 4: Use of the Media Browser, page 15.
5. The password screen appears. Enter the password you created during the Setup Wizard (the default is admin). Click Submit.

The password screen appears.

The Overview screen appears.

Overview

On the Overview screen, five tabs are available. To access the System, Disk, Backup, or Services screen, click the appropriate tab. To return to the Overview screen, click the Overview tab.

The Overview screen displays information about the Media Hub and configuration options.

Search Use this option to search your files by keyword. Refer to Search, page 17.

? (link to User Guide) Access the online version of this User Guide through this option. (An active Internet connection is required.)

To return to the Media Browser screen at any time, click the house icon. To switch to photos, click the Photos icon. To switch to videos, click the Videos icon. To access the Media Hub’s folder directory and manage your media files, click the File Browser icon.

System

The name and local IP address of the Media Hub are displayed.

Configure System Click this option to access system settings. Refer to System, page 36.

Disk

The amounts of used, available, and total disk space are displayed.

View Details Click this option to view more information. Refer to Disk, page 38.

Services


Configure Services Click this option to access service settings. Refer to Services, page 41.

System

Configure the system and network settings. You can also upgrade the Media Hub’s firmware or remotely reboot it.

Hostname The hostname of the Media Hub is displayed.

Workgroup The workgroup name of the Media Hub is displayed.

MAC Address The MAC address of the Media Hub is displayed.

Serial Number The serial number of the Media Hub is displayed.
Chapter 7
Advanced Configuration

**Model** The model number of the Media Hub is displayed.

**Firmware Version** The version number of the firmware is displayed.

**Media Browser Software Version** The version number of the Media Browser software is displayed.

**Up Time** The number of minutes the Media Hub has been running is displayed.

**Media Hub Name** The name of the Media Hub is displayed.

**Workgroup** The name of the workgroup is displayed.

**Change** Click this option to change the name and/or workgroup.

![Change System Name](image)

- **Media Hub Name** Enter the new name.
- **Workgroup** Enter the new workgroup name.
  
  Click **Submit** to save your changes, or click **Cancel** to cancel your changes.

**IP Address** The local IP address of the Media Hub is displayed.

**Change** Click this option to change the network settings.

![IP/DNS Configuration](image)

- **Enable DHCP** If you want to allow your network router to assign a dynamic IP address to the Media Hub, select this option. (It is enabled by default.)
  
  If you disable the DHCP server feature, then you configure static network settings:
- **IP Address** Enter the local IP address you want to assign to the Media Hub.

![Change Password](image)

**NOTE:** If you change the IP address, you may have to re-assign the drive letter to the Media Hub. Run the Setup Wizard on the enclosed CD-ROM (click **Connect Computers**), or refer to Windows Help for instructions on how to assign a drive letter to the Media Hub.

- **Subnet Mask** Enter the subnet mask of the Media Hub.
- **Gateway** Enter the IP address of the gateway.
- **DNS Server 1** Enter the IP address of the DNS server.
- **DNS Server 2** Enter the IP address of the backup DNS server.

  Click **Submit** to save your changes, or click **Cancel** to cancel your changes.

**Change Password** You can change the login password for the web-based utility.

**Change** Click this option to change the password.

- **Current Password** Enter the current password.
- **New Password** Enter the new password.
- **Retype New Password** Enter the new password again to confirm it.

  Click **Submit** to save your change, or click **Cancel** to cancel your change.

**System Date** The current date and time of the Media Hub are displayed.

**Change** Click this option to change the date or time.
Chapter 7

Advanced Configuration

- **Current Media Hub Date**  The current date and time are displayed.
  
  There are two ways to change the date, the calendar or drop-down menus.

- **Calendar**  Use the arrow buttons to move to the correct month. Then select the correct day.

- **Year**  Select the correct year.

- **Month**  Select the correct month.

- **Day**  Select the correct day.

- **Hour**  Select the correct hour (displayed in 24-hour format).

- **Minute**  Select the correct minute.

  Click **Submit** to save your changes, or click **Cancel** to cancel your changes.

**Device Language**  The current language of the Media Browser and web-based utility is displayed.

**Change**  Click this option to change the language.

- **Select Language**  Select the appropriate language.

  Click **Submit** to save your change, or click **Cancel** to cancel your change.

**Firmware Update: Latest Firmware Version**  The latest available firmware version of the Media Hub is displayed.

**Update**  Click this option to update the firmware.

- **NOTE:** An active Internet connection is required.
Current Disk Configuration

Disk 1/Disk 2 (if installed)

- **Vendor**: The manufacturer of the hard disk is displayed.
- **Model**: The model number of the hard disk is displayed.
- **Health**: The status of the hard disk is displayed.
- **RAID Mode**: The disk configuration mode is displayed. Linear 1 is the single disk mode. If two hard disks are installed, the options are Linear 2 (Increase Space) and RAID 1 (Increase Protection).
- **RAID Status**: The status of the disk configuration: OK, DEGRADED, or DEAD, is displayed.
- **Slot A**: Slot A is the drive bay on the left when you view the front panel of the Media Hub. If Disk 1 is installed, its status: OK, BAD, or NEW, is displayed. If Disk 1 is not installed, the status is EMPTY.
- **Slot B**: Slot B is the drive bay on the right when you view the front panel of the Media Hub. If Disk 2 is installed, its status: OK, BAD, or NEW, is displayed. If Disk 2 is not installed, the status is EMPTY.

Available Disk Configuration Actions

If one disk is installed, then only the Revert to single disk option is available.

If two disks are installed, then two options for disk configuration, Increase Space and Increase Protection, are available. Increase Protection: RAID 1 helps protect data. Increase Storage: Linear 2 increases the amount of available storage. Linksys recommends Increase Protection: RAID 1 for most users. (To install a second hard disk, refer to Install a Second Hard Disk, page 3.)

**? Disk Configuration Help** Click this option to access the following:

- **Overview**: View general information about disk configuration.
- **Add/Replace Drive**: Follow the instructions to add or replace a disk.
- **Configuration**: View information about the available disk configuration options.
- **Recovery**: Follow the instructions if a disk fails.

**NOTE**: Linksys does not support data recovery after hard disk failure.

**? Increase Space** (available only for two installed disks)
To maximize storage space, click this option, also known as Linear 2 mode. Total capacity is equal to the capacity of the two hard disks. For more information, click the ? icon.

---

**Disk Usage by Type**

The percentages of the disk used by Music, Photos, Videos, and Other media are displayed.

**Disk Usage by Space**

The amounts of used, available, and total disk space are displayed.
When prompted to confirm the new disk configuration, click **Yes** to continue, or click **No** to cancel.

**WARNING:** For the Increase Space: Linear 2 mode, if one of the two hard disks fails, then all data will be lost.

Before you click this option, review the following:

- The Media Hub is designed to maintain existing data during disk configuration; however, Linksys recommends that you back up its data to your computer or an external hard disk before you continue.
- When you set the Media Hub to the Increase Space: Linear 2 mode, the Media Hub will be unavailable for approximately 15 minutes and then automatically reboot.
- Do not manually reboot or power off the Media Hub during this time.
- After reboot, available disk space will increase to the total size of both hard disks.

**Increase Protection** (available only for two installed disks) To help enhance data reliability, click this option, also known as RAID 1 mode. Disk 2 holds a copy of the data on Disk 1. For more information, click the ? icon.

When prompted to confirm the new disk configuration, click **Yes** to continue, or click **No** to cancel.

**NOTE:** For the Increase Protection: RAID 1 mode, Disk 2 must be equal to or larger in size than Disk 1. If one disk is smaller, only the smaller size will be used for this mode.

Before you click this option, review the following:

**WARNING:** Existing data on the Media Hub will be lost; Linksys strongly recommends that you back up its data to your computer or an external hard disk before you continue.

- When you set the Media Hub to the Increase Protection: RAID 1 mode, the Media Hub will be unavailable for approximately 15 minutes and then automatically reboot.
- After reboot, the Media Hub will synchronize the data on the two disks.
- Depending on disk size, disk synchronization may take from several minutes to several hours. Synchronization progress can be viewed from the Disk screen. Rebooting or removing power from the Media Hub during this time is not recommended.

**Revert to single disk mode** To reset the Media Hub to its factory default settings, click this option. All data on your hard disk will be deleted, and all configuration settings will be reset to their factory defaults. For more information, click the ? icon.

Before you click this option, review the following:

- If the Media Hub has two disks, Linksys recommends that you remove one of the disks before continuing.
- Existing data on the Media Hub will be lost; Linksys strongly recommends that you back up its data to your computer or an external hard disk before you continue.
- Depending on disk size, configuration may take from several minutes to several hours. Do not manually reboot or power off the Media Hub during this time.
- After configuration, available disk space will be the size of your single hard disk.

**Rebuild** This option appears only if two disks are installed and one disk is detected as “new”. To rebuild the Increase Protection: RAID 1 configuration, click this option.

Before you click this option, review the following:

- Replace the defective disk (refer to **Replace a Hard Disk**, page 3).
- Depending on disk size, disk configuration may take from several minutes to several hours. Do not manually reboot or power off the Media Hub during this time. Rebuild progress can be viewed from the Disk screen.

**NOTE:** You may use the Media Hub during configuration; however, it may will perform at slower speeds.

**Backup**

The Setup Wizard automatically installs a backup tool on your computer to run backup jobs (unless you choose not to install it); refer to **NTI Shadow**, page 31. If you have installed the backup tool, then you can use the backup feature of the Media Hub.
Backup  Click Backup to initiate backup jobs specified by the backup software on your computer(s).

NOTE: Your computer(s) must be powered on for the jobs to run.

Services


Remote Access

Configure this feature to enable access of the Media Hub over the Internet. The status of the remote access feature and the Remote Device Name (if configured) are displayed.


Configure  Click this option to configure this feature.

- **Enable Remote Access to the Media Hub**  To allow remote access of the Media Hub, select this option. (It is disabled by default.)

If you enable the remote access feature, then configure the Remote Device Name:

- **Remote Device Name**  Enter the Remote Device Name you want to assign to the Media Hub. It must have between 4 to 50 characters and use only letters, numbers, and dashes. (The Remote Device Name cannot start or end with a dash.)

If the name is already taken, you will be prompted to enter a different name.

NOTE: You can change the Remote Device Name at any time; however, the Media Hub only supports a single Remote Device Name. If you save a new Remote Device Name, then you give up the old one.

Click **Submit** to save your changes, or click **Cancel** to cancel your changes.

The Remote Access service will be available in approximately two to five minutes.

Remote Access Instructions

1. Open the web browser of the computer you are using.

†Includes Remote Access service for one year from date of purchase. Fees may apply thereafter and are subject to change. Go to www.linksysbycisco.com for further information.
2. In the Address field, enter this address: http://www.ciscomediahub.com

Press Enter.

3. Enter the Remote Device Name of the Media Hub, and then click Go.

**NOTE:** Depending on the web browser you are using, certificate or security warning screens may appear. To continue with the login process for remote access, accept the warnings. For more information, refer to Appendix A: Troubleshooting, page 44.

4. Enter the password you created during the Setup Wizard (the default is admin).

Click Submit.

Remote access to the Media Hub is now established.

### Video Playback over Remote Access

Follow these guidelines:

- Make sure the computer you are using has the proper plug-ins installed. Playing video files over remote access requires the same plug-ins you have installed on your home computer.
- Video playback should be limited to smaller video files, as larger video files may take a long time to load and play. The maximum video download size is 50 MB.

**NOTE:** Video playback support over remote access depends on the broadband speeds of both your home connection and remote connection.

### Windows File Sharing

The Media Hub uses the Windows File Sharing feature to share files with Windows computers. The status of this feature is displayed. By default, it is enabled.

**Disable** Click this option to disable this feature.

The shared folders are listed with the following information: Name, Description, Type, and Status.

### Media Server

The Media Server feature allows the Media Hub to index media files (like a library catalog or database). The status of this feature is displayed. By default, it is enabled.

If you have UPnP AV-enabled (or DLNA-certified) devices in your home, then you can use the Media Hub as a media server. Such devices include digital media adapters and other devices, such as a gaming console with a built-in media player or digital picture frame. For example, if you have a digital media adapter that sends content to your entertainment system, then the digital media adapter can locate the Media Hub using the UPnP AV standard. Media content on the Media Hub can then be accessed and played by the digital media adapter.

**Configure** Click this option to configure this feature.
• **Find Shared Media on My Local Network** To find shared media files on your local network, select this option. The Media Hub scans its local content and any media content stored in UPnP AV-compatible servers connected to the local network. Indexing of media files on your computers is possible with Windows Media Player (WMP); however, it is not recommended. Instead, Linksys recommends that you copy media files on your computers to the Media Hub; refer to Chapter 2: Getting Started, page 5 for more information.)

Click **Submit** to save your change, or click **Cancel** to cancel your change.

**iTunes Server**

To support access by an iTunes library of music or video files, the Media Hub offers an iTunes feature. The status of this feature is displayed. By default, it is enabled.

**Disable** Click this option to disable this feature.

**FTP Server**

To transfer files, the Media Hub can use File Transfer Protocol (FTP). The status of the FTP feature is displayed. By default, this feature is disabled.

**NOTE:** To use the FTP feature, you must enable port forwarding on your router. Configure the following options:

- **internal port number** port 21
- **IP address** IP address of the Media Hub

**Enable** Click this option to enable this feature.

**WEB:** For more information about the Media Hub, refer to the rest of the User Guide. You can also visit [www.linksysbycisco.com/support](http://www.linksysbycisco.com/support) and select the Media Hub.
Appendix A: Troubleshooting

The power LED of the Media Hub continuously flashes blue or red.

Follow these instructions:

1. To shut down the Media Hub, press and hold the power button until the power LED starts flashing.
   If this step does not shut down the Media Hub, then proceed to step 2.
2. Disconnect the power adapter from the Power port of the Media Hub.
3. Disconnect the Ethernet network cable from the Ethernet port of the Media Hub.
4. Wait five seconds.
5. Re-connect the Ethernet network cable to the Ethernet port of the Media Hub.
6. Re-connect the power adapter to the Power port of the Media Hub.

You cannot access the Media Browser of the Media Hub.

Follow the instructions until you gain access to the Media Browser:

1. Make sure your computer is connected to the local network. Check the wireless or wired connection.
2. Make sure the Media Hub is connected to the router. Check the cable connection at both ends.
3. Double-click the desktop icon for the Media Hub (it was created during the Setup Wizard).
4. In the Address field of your web browser, make sure you entered the Friendly Name correctly.
   The Friendly Name is the name you created during the Setup Wizard. If you did not create a Friendly Name, use the default name; enter http://mediahub

   NOTE: To access the Media Browser from a Mac, use one of the following:
   • http://<Friendly_Name>.local
   • <Friendly_Name>.local
   • http://<IP_address_of_Media_Hub>

You have configured the Media Hub, but you do not see it displayed in Windows Explorer.

Change the Workgroup of the Media Hub to match the Workgroup of your computer. Follow these instructions:

1. Access the web-based utility of the Media Hub. (Refer to Chapter 7: Advanced Configuration, page 35.)
2. On the Media Browser screen, click Configuration.
3. Click Configure System.
4. For the Media Hub Name and Workgroup settings, click Change, and then follow the on-screen instructions.

NOTE: If you do not see a drive letter for the Media Hub, refer to Drive Letter Not Found, page 7.

You cannot access the Media Browser, or the Media Hub does not respond to commands.

Before You Begin

The Media Hub must boot up with at least one hard disk installed. If Disk 1 has been removed and replaced with a new hard disk, then the recovery procedure can be used to re-install the Media Hub.

WARNING: Before you install the new hard disk, back up its existing data because all data on the new hard disk will be erased.

Instructions for the Recovery Procedure

1. To shut down the Media Hub, press and hold the power button until the power LED starts flashing.
   If this step does not shut down the Media Hub, then proceed to step 2.
2. Disconnect the power adapter from the Power port of the Media Hub.
3. While you press and hold down the Reset button, re-connect the power adapter to the Power port of the Media Hub.
4. Continue to hold down the Reset button for ten seconds. Then release.
5. The Media Hub will undergo its recovery procedure.

WARNING: Do not reboot or power off the Media Hub during the recovery procedure.

The recovery procedure will reset the firmware to its factory version, so you may need to do a firmware upgrade when the recovery procedure is complete.
For remote access to the Media Hub, you entered its Remote Device Name at the Linksys-supported website, http://www.ciscomediahub.com, and a certificate or security warning screen appears.

Depending on the web browser you are using, certificate or security warning screens may appear. To continue with the login process for remote access, accept the warnings.

Specific instructions are provided for Internet Explorer 7.0, Internet Explorer 6.0, Firefox 3.0, and Firefox 2.0.

**Internet Explorer 7.0**

1. On the Security Certificate Warning screen, click **Continue to this website**.

**Internet Explorer 6.0**

1. On the Security Alert screen, click **Yes**.

**Firefox 3.0**

1. On the Secure Connection Failed screen, click **Or you can add an exception**.

**Firefox 2.0**

1. On the Website Certified by an Unknown Authority screen, click **Accept this certificate temporarily for this session**. Then click **OK**.
Appendix A

Troubleshooting

2. Click **OK**.

![Security Error: Domain Name Mismatch](image)

**The Media Hub is using Increase Space: Linear 2 mode.**

*On the Media Hub with LCD (NMH400 Series), the LCD screen displays an alert indicating that one of the hard disks has failed.*

*On the Media Hub (NMH300 Series), one of the Disk LEDs is not lit.*

**NOTE:** Linksys does not support data recovery after hard disk failure.

**Before You Begin**

Check which hard disk is defective. In the Current RAID Setting section of the **Disk** screen, the Slot A setting displays the status of the hard disk in Slot A, which is on the left when you view the front panel of the Media Hub. The Slot B setting displays the status of the hard disk in Slot B, which is on the right.

**Instructions**

1. To shut down the Media Hub, press and hold the power button until the power LED starts flashing.
   If this step does not shut down the Media Hub, then proceed to step 2.
2. Disconnect the power adapter from the Power port.
3. To release the drive bay cover, push the button on the top panel.
4. To remove the defective disk, push together the clips of its drive bay, and then pull out the drive bay.
5. Remove the defective disk from its drive bay.

**NOTE:** Do not install a replacement hard disk at this time. The Media Hub must revert to single disk mode before you can install a second hard disk.

6. Push down on the hard disk to make sure the connectors are securely seated.
7. Lower the cover, and push it down to secure it.
8. Connect the power adapter to the Power port.

9. Access the web-based utility of the Media Hub. (Refer to **Chapter 7: Advanced Configuration, page 35**.)
10. On the **Media Browser** screen, click **Configuration**.
11. Enter your password, and then click **Submit**.
12. Click the **Disk** tab.
13. Click **Revert to Single Disk Mode**.

Please wait until the Media Hub automatically reboots. Then the Media Hub will be ready for use.

**WARNING:** When a hard disk fails in Increase Protection: Linear 2 mode, not all data may be recovered.

**NOTE:** If you want to install a second hard disk, then refer to **Install a Second Hard Disk, page 3** for instructions.

**The Media Hub is using Increase Protection: RAID 1 mode. One of the hard disks has failed.**

**NOTE:** Linksys does not support data recovery after hard disk failure.

**Before You Begin**

Check which hard disk is defective. In the Current RAID Setting section of the **Disk** screen, the Slot A setting displays the status of the hard disk in Slot A, which is on the left when you view the front panel of the Media Hub. The Slot B setting displays the status of the hard disk in Slot B, which is on the right.

**WARNING:** The replacement hard disk must be blank; otherwise, the Media Hub cannot use it.

**NOTE:** Although the Media Hub will work with only one disk, Linksys highly recommends that you replace the defective disk to ensure continued data protection.

**Instructions**

1. To shut down the Media Hub, press and hold the power button until the power LED starts flashing.
   If this step does not shut down the Media Hub, then proceed to step 2.
2. Disconnect the power adapter from the Power port.
3. To release the drive bay cover, push the button on the top panel.
4. To remove the defective disk, push together the clips of its drive bay, and then pull out the drive bay.
5. Remove the hard disk from its drive bay.
6. To install the replacement hard disk, make sure the screw holes of the hard disk line up with the screw holes of the drive bay.

   Insert the hard disk into the drive bay.

   **NOTE:** If you are installing a low-profile or half-height disk, use the four included screws to secure the hard disk in its bay.

7. With the hard disk's label facing the right side of the Media Hub, slide the drive bay back into its slot.
8. Push down on the hard disk to make sure the connectors are securely seated.
9. Lower the cover, and push it down to secure it.
10. Connect the power adapter to the Power port.
11. Access the web-based utility of the Media Hub. (Refer to Chapter 7: Advanced Configuration, page 35.)
12. On the Media Browser screen, click Configuration.
13. Enter your password, and then click Submit.
14. Click the Disk tab.
15. Click Rebuild.

   Please wait until the Media Hub automatically reboots. Depending on disk size, disk configuration may take from several minutes to several hours. Do not manually reboot or power off the Media Hub during this time.

   **NOTE:** You may use the Media Hub during configuration; however, it may perform at slower speeds.

You want to install a hard disk that was previously used in a Windows computer.

The Media Hub requires a blank hard disk with no partitions.

**Before You Begin**

Before you remove the hard disk from the Windows computer, use the Windows Disk Management tool to delete its partitions. (Deleting a partition also deletes its data.)

   **NOTE:** Your computer must support SATA hard disks; otherwise, this procedure will not work.

**WEB:** If your questions are not addressed here, refer to the Linksys website, www.linksysbycisco.com

Instructions

1. Go to Start > Settings > Control Panel.
## Appendix B: Specifications

### Model NMH305 - Media Hub

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</tr>
<tr>
<td>Buttons</td>
<td>One Backup, One Reset One Power</td>
</tr>
<tr>
<td>LEDs</td>
<td>One Power, Two Disk</td>
</tr>
<tr>
<td>Drive Bays</td>
<td>2 SATA</td>
</tr>
<tr>
<td>Certification</td>
<td>DLNA 1.5</td>
</tr>
<tr>
<td>Cabling Type</td>
<td>UTP CAT5E or Better</td>
</tr>
<tr>
<td>UPnP able/cert</td>
<td>Discovery, AV</td>
</tr>
<tr>
<td>Security Features</td>
<td>Password for System Administration and Remote Access</td>
</tr>
</tbody>
</table>

### Available Storage

- **500 GB**

### Environmental

- **Dimensions**: 7.80” x 4.37” x 6.61” (198 x 111 x 168 mm)
- **Weight**: 4.61 lb (2.09 kg)
- **Certification**: FCC, CE, UL
- **Operating Temp.**: 32 to 95°F (0 to 35°C)
- **Storage Temp.**: -13 to 158°F (–25 to 70°C)
- **Operating Humidity**: 10 to 90%, Noncondensing
- **Storage Humidity**: 5 to 95%, Noncondensing

### Model NMH410 - Media Hub with LCD

<table>
<thead>
<tr>
<th>Standards</th>
<th>IEEE 802.3, IEEE 802.3u, IEEE 802.3ab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ports</td>
<td>One Power, One Gigabit Ethernet (10/100/1000), Two USB 2.0</td>
</tr>
<tr>
<td>Buttons</td>
<td>Five Navigation, One Reset, One Power</td>
</tr>
<tr>
<td>LCD</td>
<td>One 1.8&quot;, 176 x 220, 64K Colors</td>
</tr>
<tr>
<td>LED</td>
<td>One Power</td>
</tr>
<tr>
<td>Drive Bays</td>
<td>2 SATA</td>
</tr>
<tr>
<td>Certification</td>
<td>DLNA 1.5</td>
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<tr>
<td>Cabling Type</td>
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<td>UPnP able/cert</td>
<td>Discovery, AV</td>
</tr>
<tr>
<td>Security Features</td>
<td>Password for System Administration and Remote Access</td>
</tr>
</tbody>
</table>

### Available Storage

- **1 TB**

### Environmental

- **Dimensions**: 7.80” x 4.37” x 6.61” (198 x 111 x 168 mm)
- **Weight**: 4.65 lb (2.11 kg)
- **Certification**: FCC, CE, UL
- **Operating Temp.**: 32 to 95°F (0 to 35°C)
- **Storage Temp.**: -13 to 158°F (–25 to 70°C)
- **Operating Humidity**: 10 to 90%, Noncondensing
- **Storage Humidity**: 5 to 95%, Noncondensing

Specifications are subject to change without notice.
Appendix C: Warranty Information

Limited Warranty

Linksys warrants that this Linksys hardware product will be substantially free of defects in materials and workmanship arising under normal use during the Warranty Period, which begins on the date of purchase by the original end-user purchaser and lasts for the period specified below:

- Two (2) years for new product
- Ninety (90) days for refurbished product

This limited warranty is non-transferable and extends only to the original end-user purchaser. Your exclusive remedy and Linksys’ entire liability under this limited warranty will be for Linksys, at its option, to (a) repair the product with new or refurbished parts, (b) replace the product with a reasonably available equivalent new or refurbished Linksys product, or (c) refund the purchase price of the product less any rebates. Any repaired or replacement products will be warranted for the remainder of the original Warranty Period or thirty (30) days, whichever is longer. All products and/or parts that are replaced become the property of Linksys.

This limited warranty shall apply in addition to any statutory or other rights which you may have under a contract of sale.

Exclusions and Limitations

This limited warranty does not apply if: (a) the product assembly seal has been removed or damaged, (b) the product has been altered or modified, except by Linksys, (c) the product damage was caused by use with non-Linksys products, (d) the product has not been installed, operated, repaired, or maintained in accordance with instructions supplied by Linksys, (e) the product has been subjected to abnormal physical or electrical stress, misuse, negligence, or accident, (f) the serial number on the Product has been altered, defaced, or removed, or (g) the product is supplied or licensed for beta, evaluation, testing or demonstration purposes for which Linksys does not charge a purchase price or license fee.

ALL SOFTWARE PROVIDED BY LINKSYS WITH THE PRODUCT, WHETHER FACTORY LOADED ON THE PRODUCT OR CONTAINED ON MEDIA ACCOMPANYING THE PRODUCT, IS PROVIDED “AS IS” WITHOUT ANY WARRANTY OF ANY KIND. Without limiting the foregoing, Linksys does not warrant that the operation of the product or software will be uninterrupted or error free. Also, due to the continual development of new techniques for intruding upon and attacking networks, Linksys does not warrant that the product, service, software or any equipment, system or network on which the product or software is used will be free of vulnerability to intrusion or attack. The product may include or be bundled with third party software or service offerings. This limited warranty shall not apply to such third party software or service offerings. This limited warranty does not guarantee any continued availability of a third party’s service for which this product’s use or operation may require.

TO THE EXTENT NOT PROHIBITED BY LAW, ALL IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY 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, BUT NOT LIMITED TO, 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 limited warranty gives you specific legal rights, and you may also have other rights which vary by jurisdiction.

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 limited warranty 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.

Obtaining Warranty Service

If you have a question about your product or experience a problem with it, please go to www.linksys.com/support where you will find a variety of online support tools and information to assist you with your product. If the product proves defective during the Warranty Period, contact Linksys Technical Support for instructions on how to obtain warranty service. The telephone number for Linksys Technical Support in your area can be found in the product User Guide and at www.linksys.com. Have your product serial number and proof of purchase on hand when calling. A DATED PROOF OF ORIGINAL PURCHASE IS REQUIRED TO PROCESS WARRANTY CLAIMS. If you are requested to return your product, you will be given a Return Materials Authorization (RMA) number. You are responsible for properly packaging and shipping your product to Linksys at your cost and risk. You must include the RMA number...
and a copy of your dated proof of original purchase when returning your product. Products received without a RMA number and dated proof of original purchase will be rejected. Do not include any other items with the product you are returning to Linksys. Defective product covered by this limited warranty will be repaired or replaced and returned to you without charge. Customers outside of the United States of America and Canada are responsible for all shipping and handling charges, custom duties, VAT and other associated taxes and charges. Repairs or replacements not covered under this limited warranty will be subject to charge at Linksys’ then-current rates.

**Technical Support**

This limited warranty is neither a service nor a support contract. Information about Linksys’ current technical support offerings and policies (including any fees for support services) can be found at [www.linksys.com/support](http://www.linksys.com/support)

**General**

This limited warranty is governed by the laws of the jurisdiction in which the Product was purchased by you.

If any portion of this limited warranty is found to be void or unenforceable, its remaining provisions shall remain in full force and effect.

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

**For more information, please contact us**

[www.linksys.com](http://www.linksys.com)

Select your country, and then select SUPPORT/TECHNICAL

**For product returns:**

Select your Country and then select CUSTOMER SUPPORT
Appendix D: 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.

**WARNING:** Primary Lithium Coin Battery - California USE Only

This Perchlorate warning applies only to primary CR (Manganese Dioxide) Lithium coin cells sold or distributed ONLY in California, USA

“Perchlorate Material-special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate”

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

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.

Avis d’Industrie Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du 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

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:

![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.

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 upozorňuje, 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


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

Appendix D

Regulatory Information

Eesti (Estonian) - Keskkonnaalane infsmatiisoon Euroopa Liidus asuvatele klientidele
Euroopa Liidu direktiivi 2002/96/EÜ nõuete kohaselt on seadmeid, millel on tootel või pakendi käesolev sümbool $\Xi$, keelatud kõrvaldada koos sorteerimata olmejäämtega. See sümbool näitab, et toode tuleks kõrvaldada eraldi tavalistest olmejäämevoogudest. Olete kohustatud kõrvaldama käesoleva ja ka muud elektri- ja elektroonikaseadmi riigi või kohalike ametiasutuste poolt ette nähtud kogumispunktide kaudu. Seadmete korrektna kõrvaldamine ja ringlussevõtt aitab vähendada võimalikke negatiiveid tagajärgi keskkonnale ning inimeste tervisele. Vanade seadmete kõrvaldamine kohta täpsima infot saameks võtke palun palun ühendust kohalikust kõrvalduse tegutsejaga, kuna nähtud kõrvaldustegemist, jäätmekääletusfirmaga 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 $\Xi$ 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
Σύμφωνα με την Κοινοτική Οδηγία 2002/96/EC, ο εξοπλισμός που φέρει αυτό το σύμβολο $\Xi$ στο προϊόν ή/και τη συσκευασία του δεν πρέπει να απορρίπτεται μαζί με τα μη διαχωρισμένα αστικά απόρριμμα. Το σύμβολο υποδεικνύει ότι αυτό το προϊόν θα πρέπει να απορρίπτεται εξωτερικά από τα συνήθη οικιακά απόρριμμα. Είστε υπεύθυνος για την απόρριψη του παρόντος προϊόν σε ΜΑΣΑΣΥΜΒΟΛΕΣ ή για τον 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 $\Xi$ 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 $\Xi$ 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
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**Lietuvių** (Lithuanian) - Aplinkosaugos informacija, skirta Europos Sąjungos vartotojams

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

**Malti (Maltese) - Informazzjoni Ambjentali ghal Klijenti fl-Unjoni Ewropea**


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

A 2002/96/EC számú európai uniós irányelv megkívánja, hogy európai uniós vásárlók számára az alábbi címke Σ megjelenik, tilos a többi szelektálatlan lakossági hulladékával együtt kidobni. A címke azt jelöli, hogy az adott termék kidobásakor a szokványos háztartási hulladékkal is rendelkező pótláshelyekhez kell kikötni. A címke azt jelenti, hogy ezt és más elektromos és elektronikus berendezéseit a kormányzati vagy a helyi hatóságok által beírt gyűjtőrendszeréken keresztül számlálja fel. Ha 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 szolgálatallal, 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 Σ 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**


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

Dyrektwa Europejska 2002/96/EC wymaga, aby sprzęt oznaczony symbolem Σ 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, w tym zgodnie z lokalnymi przepisami, jest konieczne, aby nie naruszać obowiązujących przepisów.
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Português (Portuguese) - Informação ambiental para clientes da União Europeia

A Directiva Europeia 2002/96/CE exige que o equipamento que exibe este símbolo na 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


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

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

Slovenščina (Slovene) - Okoljske informacije za stranke v Evropski uniji

Evropska direktiva 2002/96/ES prepoveduje odlaganje opreme s tem simbolom na izdelku in/ali na embalaži z nesortiranimi komunalnimi odpadki. Ta simbol opozarja, da je treba izdelek zavreči ločeno od preostalih gospodinjskih odpadkov. Vaša odgovornost je, da to in preostalo električno in elektronsko opremo oddate na posebna zbiralnišča, ki jih določijo državne ustanove ali lokalne oblasti. 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 lokalne oblasti, odlagališče odpadov ali trgovino, kjer ste izdelek kupili.

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


Svenska (Swedish) - Miljöinformation för kunder i Europeiska unionen


WEB: For additional information, please visit www.linksysbycisco.com
Appendix E: Software License Agreement

Software in Linksys Products

This product from Cisco-Linksys LLC or from one of its affiliates Cisco Systems-Linksys (Asia) Pte Ltd. or Cisco-Linksys K.K. ("Linksys") contains software (including firmware) originating from Linksys and its suppliers and may also contain software from the open source community. Any software originating from Linksys and its suppliers is licensed under the Linksys Software License Agreement contained at Schedule 1 below. You may also be prompted to review and accept that Linksys Software License Agreement upon installation of the software.

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Where such specific license terms entitle you to the source code of such software, that source code is upon request available at cost from Linksys for at least three years from the purchase date of this product and may also be available for download from www.linksysbycisco.com/gpl. For detailed license terms and additional information on open source software in Linksys products please look at the Linksys public web site at: www.linksysbycisco.com/gpl/ or Schedules 2, 3 and 4 below as applicable.

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Appendix E

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END OF SCHEDULE 3

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The implementation was written so as to conform with Netscape's SSL.

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