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Canada Compliance Statement

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

ROHS Compliance

This product is ROHS compliant (European Directive 2002/95/EC on the Restriction of Hazardous Substances).

Manufacturer's Declaration for CE Certification

We, LaCie, solemnly declare that this product conforms to the following European standards: Class B EN60950, EN55022, EN50082-1, EN61000-3-2

With reference to the following conditions: 73/23/EEC Low Voltage Directive; 89/336/EEC EMC Directive

FCC Statement

LaCie d2 Network 2
Tested to comply with FCC standards for home or office use

NOTE: This equipment has been tested and found to comply with the limits 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 in accordance with 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 can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

✦ Reorient or relocate the receiving antenna.

✦ Increase the separation between the equipment and receiver.

✦ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

✦ Consult the dealer or an experienced radio/TV technician for help.

✦ Modifications to this product not authorized by LaCie could void the FCC & Industry Canada regulations and negate your authority to operate the product.

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designed collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service, or the shop where you purchased the product.

Health and Safety Precautions

✦ Only qualified persons are authorized to carry out maintenance on this device.

✦ Read this User Manual carefully and follow the correct procedure when setting up the device.

✦ Do not open your LaCie d2 Network 2 or attempt to disassemble or modify it. Never insert any metallic object into the drive to avoid any risk of electrical shock, fire, short-circuiting or dangerous emissions. Your LaCie d2 Network 2 contains no user-serviceable parts. If it appears to be malfunctioning, have it inspected by a qualified LaCie Technical Support representative.

✦ Never expose your device to rain, or use it near water, or in damp or wet conditions. Never place objects containing liquids on the LaCie d2 Network 2, as they may spill into its openings. Doing so increases the risk of electrical shock, short-circuiting, fire, or personal injury.

✦ Power requirements 100-240 V∼, 0.9 A, 50-60 Hz, (Supply voltage fluctuations not exceeding ± 10% of the nominal, transient over-voltages according to over-voltage category II).

General Use Precautions

✦ Do not expose the LaCie d2 Network 2 to temperatures outside the range of 5° C to 35° C (41° F to 95° F); or to operational humidity beyond 5-80%, non-condensing, or non-operating humidity beyond 10-90%, non-condensing. Doing so may damage the LaCie d2 Network 2 or disfigure its casing. Avoid placing your LaCie d2 Network 2 near a source of heat or exposing it to sunlight (even through a window). Inversely, placing your LaCie d2 Network 2 in an environment that is too cold or humid may damage the unit. Because of heat issues, LaCie recommends that users do not stack multiple d2 Network 2 together.

✦ Always unplug the LaCie d2 Network 2 from the electrical outlet if there is a risk of lightning or if it will be unused for an extended period of time. Otherwise, there is an increased risk of electrical shock, short-circuiting or fire.

✦ Use only the power supply shipped with the device.

✦ Do not use the LaCie d2 Network 2 near other electrical appliances such as televisions or radios. Doing so may cause interference which will adversely affect the operation of the other products.

✦ Do not place the LaCie d2 Network 2 near sources of magnetic interference, such as computer displays, televisions or speakers. Magnetic interference can affect the operation and stability of your LaCie d2 Network 2. Do not place heavy objects on top of the LaCie d2 Network 2.

✦ Never use excessive force on your LaCie d2 Network 2. If you detect a problem, see the Troubleshooting section in this manual.

IMPORTANT INFO: Any loss, corruption or destruction of data while using a LaCie drive is the sole responsibility of the user, and under no circumstances will LaCie be held liable for the recovery or restoration of this data. To help prevent the loss of your data, LaCie highly recommends that you keep TWO copies of your data; one copy on your external hard disk, for instance, and a second copy either on your internal hard disk, another external hard disk or some other form of removable storage media. LaCie offers a complete line of CD and DVD drives. If you would like more information on backup, please refer to our website.

IMPORTANT INFO: 1GB = 1,000,000,000 bytes. 1TB = 1,000,000,000,000 bytes. Once format-

ted, the actual available storage capacity varies depending on operating environment (typically 10% less).

IMPORTANT INFO: Some enhancements brought to the product during its lifetime may cause discrepancies between the information and screenshots in the manual and the actual user experience.

CAUTION: Modifications not authorized by the manufacturer may void the user's authority to operate this device.

CAUTION: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.

1. Introduction

Congratulations on your purchase of a LaCie d2 Network 2. Designed to satisfy the data sharing and backup needs of small offices, the LaCie d2 Network 2 represents the new generation of shared storage with security.

To navigate this manual, use the PDF bookmarks or consult the table of contents. For quick access to important sections, see the Quick Links box below.

Quick Links

Click a topic:

- ✦ Connecting to a Network
- ✦ Accessing and Transferring Files
- ✦ Administering Your LaCie d2 Network 2

1.1. Minimum System Requirements

1.1.1. Windows users

- ✦ Computer with an Ethernet network adapter
- ✦ Windows XP, Windows Vista, or Windows 7
- ✦ Minimum free disk space: 600MB recommended
- ✦ Web browsers: Internet Explorer 7.0, Firefox 3.0, Safari 3.0, or Chrome 2.0 or higher

1.1.2. Mac Users

- ✦ Computer with an Ethernet network adapter
- ✦ Mac OS X 10.4, 10.5, and 10.6
- ✦ Minimum free disk space: 600MB recommended
- ✦ Web browsers: Internet Explorer 7.0, Firefox 3.0, Safari 3.0, or Chrome 2.0 or higher

1.1.3. Linux Users

- ✦ Computer with an Ethernet network adapter
- ✦ Linux 2.6 or later
- ✦ Minimum free disk space: 600MB recommended
- ✦ Web browsers: Internet Explorer 7.0, Firefox 3.0, Safari 3.0, or Chrome 2.0 or higher

IMPORTANT INFO: The LaCie d2 Network 2's performance can be affected by such external forces as network activity, hardware, distance, and setup.

IMPORTANT INFO: For optimal performance, use a Gigabit Ethernet router and a Gigabit Ethernet board in your host computer.

1.2. Box Content

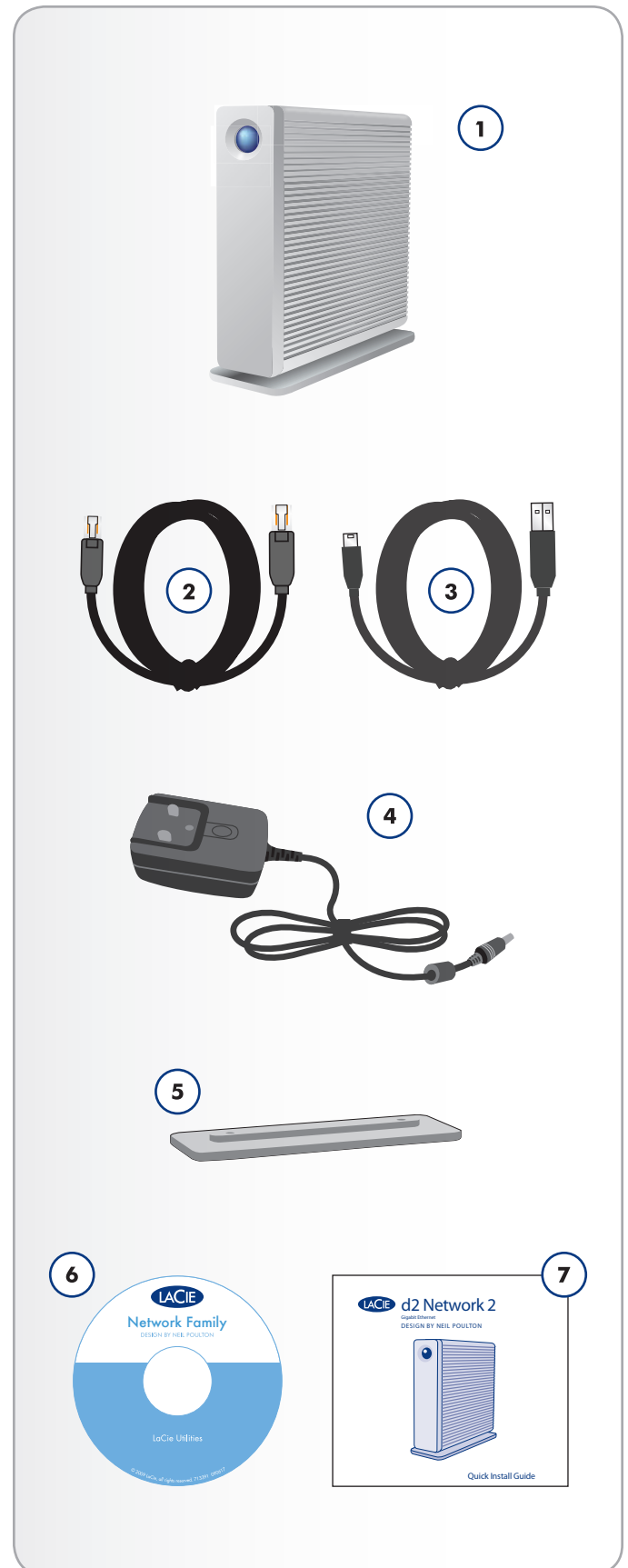**1.** LaCie d2 Network 2

2. Ethernet cable

3. USB 2.0 cable

4. External power supply

5. Drive stand for upright use

6. Utilities CD-ROM with software and User Manual

7. Quick Install Guide

IMPORTANT INFO: Please save your packaging. In the event that the drive should need to be repaired or serviced, it must be returned in its original packaging.

1.3. Hard Drive Heat Management

Heat Dissipation Design

The LaCie d2 Network 2's metal body is ideal for naturally dissipating internal drive heat. Its unique design actually draws heat away from the internal drives toward the external casing without requiring a fan. This feature takes heat away from the internal drive, keeping it safe and prolonging its life and reliability. As a consequence, it is normal for the external casing to be hot to the touch.

NOTE: The d2 Network 2 is fanless.

Exclusive d2 Heat Sink Design

Provides 60% more area for heat dissipation

Heat Sink Design

Standard Design

Vertical, Horizontal & Rackmount

Heat dissipation is maximized when the drive is in the vertical position. If you have several LaCie drives stacked on each other, please remember to attach the included rubber feet on the under side of your drives. This will allow for some airflow between your drives so that the heat dissipation can work effectively. LaCie does not recommend stacking or racking more than three drives on top of each other, especially if these drives are turned ON simultaneously.
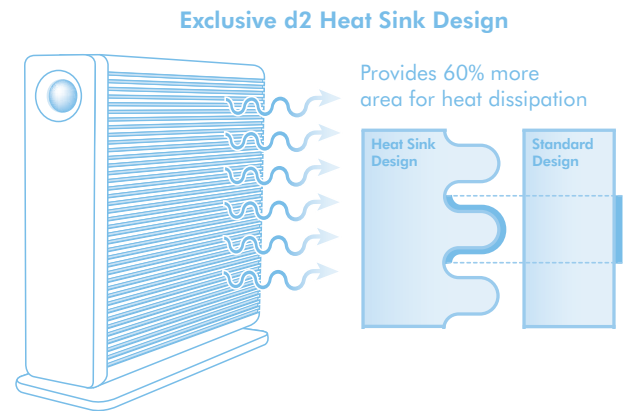
1.4. Views of the Drive

1.4.1. Front View

Button and Activity LED: The blue button stays on to show disk activity (unless you turn it off using the Dashboard, the user interface) and can also be configured to put it to sleep or wake it from sleep. For details, see *2.5. Power Button Functions* and *4.12. Dashboard: Eco Management*.

1.4.2. Rear View

1. ON/OFF

2. eSATA Expansion

3. Gigabit Ethernet

4. USB 2.0 Direct Connection

5. USB 2.0 Expansion

6. Power Connector

7. Kensington Lock Slot
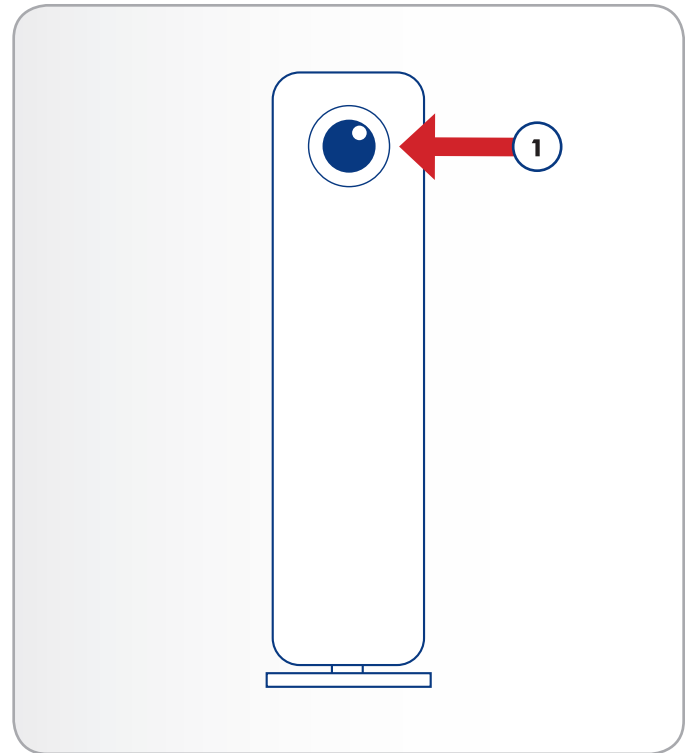
Fig. 01
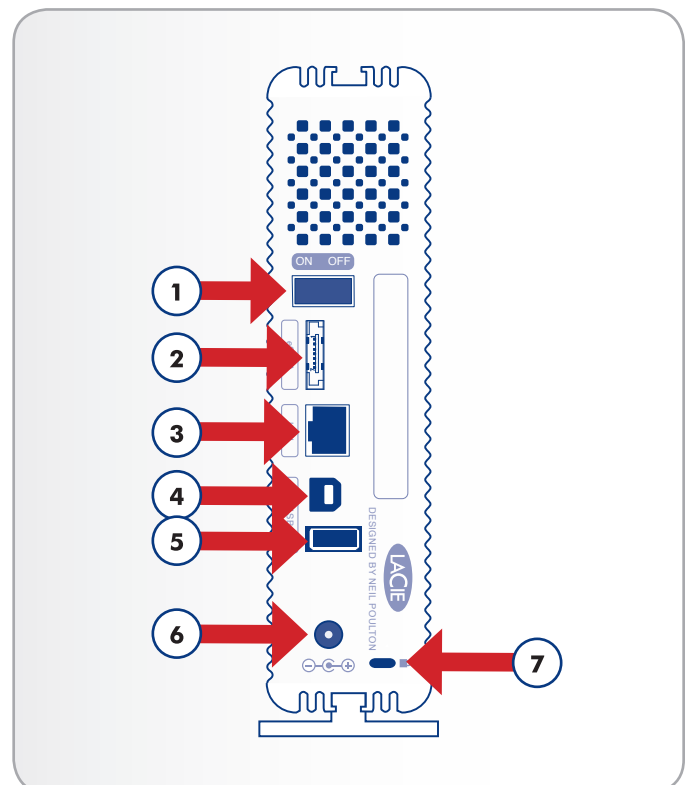
Fig. 02

1.4.3. LED Behavior

The front LED indicates drive status and activity. This section describes the behavior of the LED indicators.

TECHNICAL NOTE: Even if you have turned off the front LED using the administration page ("Dashboard", see *4.12. Dashboard: Eco Management*), events triggering a red light will always cause the front LED to turn on.

Front LED Color	d2 Network 2 State
Blinking blue ●●●●●●●●	Occurs as the drive is booting; will cease once the drives are fully initialized
Solid blue ▬▬▬▬	Drive working (read/write)
Blinking red ●●●●●●●●	Temperature alert (first level)
	Power supply has been cut but power is still being supplied through the UPS
Solid red ▬▬▬▬	Temperature alert (critic level) – the product will shut off
	Power supply has been cut and the UPS has run out of reserve power – the product will shut off

2. Connecting to a Network

The d2 Network 2 can be connected directly to a computer via USB or to your network via Ethernet. This chapter explains how to connect your hard drive to your network. For details on connecting to a computer, refer to chapter *3.4. Accessing Shares via USB*.

Follow these steps to getting your LaCie d2 Network 2 connected to your network:

2.1. STEP 1: Connect the Power Supply

2.2. STEP 2: Connect the Ethernet Cable

2.3. STEP 3: Connect using LaCie Network Assistant

2.4. STEP 4: Completing the Setup Wizard

2.1. STEP 1: Connect the Power Supply

1. Connect the power supply to a wall outlet and to the LaCie d2 Network 2 (*Fig. 03*).

Now move on to step 2, section *2.2. STEP 2: Connect the Ethernet Cable*.

CAUTION: Only use the AC adapter supplied with your specific LaCie device. Do not use a power supply from another LaCie device or another manufacturer. Using any other power cable or power supply may cause damage to the device and void your warranty. Always remove the AC adapter before transporting your LaCie drive. Failure to remove the adapter may result in damage to your drive and will void your warranty.

TECHNICAL NOTE: You may use your LaCie drive when in a foreign country thanks to its 100-240 Volt power supply. To be able to use this feature, you may need to purchase an appropriate adapter or cord. LaCie accepts no responsibility for any damage to the drive resulting from the use of an inappropriate adapter. Using an adapter other than one authorized by LaCie will void your warranty.
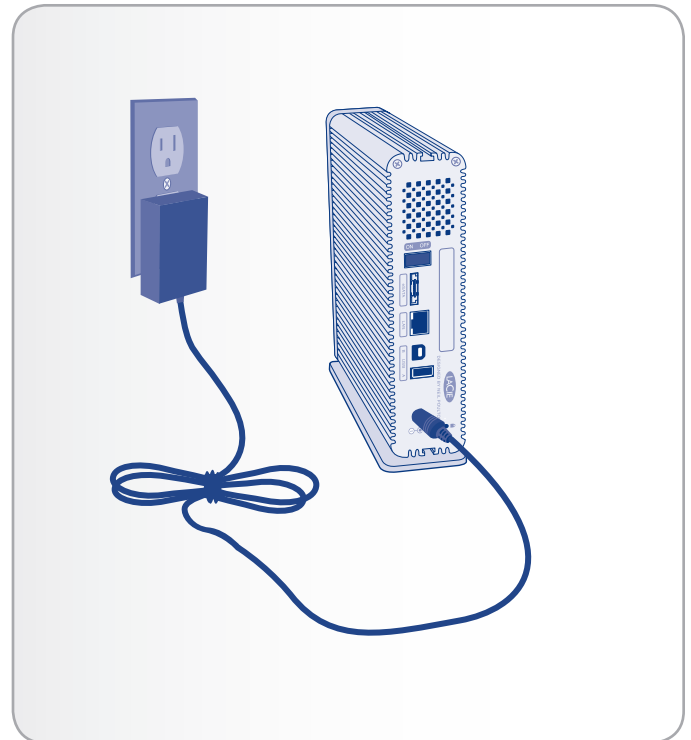
Fig. 03

2.2. STEP 2: Connect the Ethernet Cable

1. Connect the Ethernet cable to the Ethernet port on the back of the LaCie d2 Network 2 (*Fig. 04*).

2. Connect the other end of the Ethernet cable into an available Ethernet "out" port on your router or hub (refer to your router or hub's documentation if necessary).

3. Turn on the drive by pressing the power button on the back of the drive (*Fig. 05*). The front LED will turn on and then begin blinking.

The drive is ready to be accessed once the blue LED has stopped blinking. The product may take up to 3 minutes to boot.

Now move on to step 3, section *2.3. STEP 3: Connect using LaCie Network Assistant*.

TECHNICAL NOTE: Depending on your computer's Ethernet settings, you may be able to connect the d2 Network 2 directly to your computer using the Ethernet cable.

Gigabit Ethernet Cables And Connectors

See *Fig. 06* for an illustration of the Ethernet cable used to connect your LaCie d2 Network 2 to your network device. The ends of the Ethernet cable are the same and either end can be connected to the LaCie d2 Network 2 or your router.

Fig. 04

Fig. 05
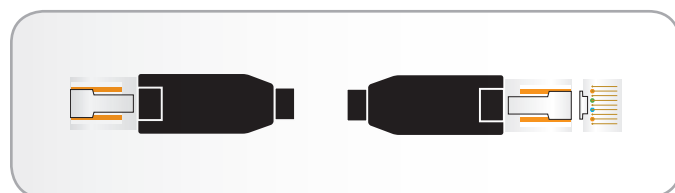
Fig. 06 - Gigabit Ethernet cable ends

2.3. STEP 3: Connect using LaCie Network Assistant

LaCie Network Assistant software detects all LaCie network-attached storage devices on your network and gives you easy ways to connect to or configure them.
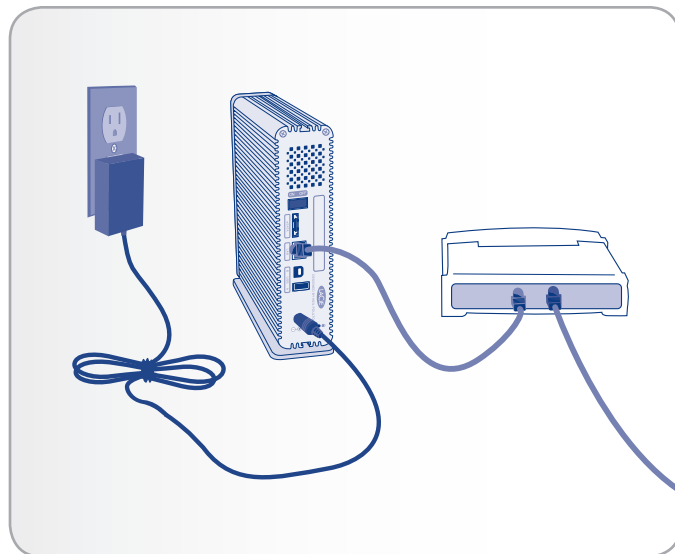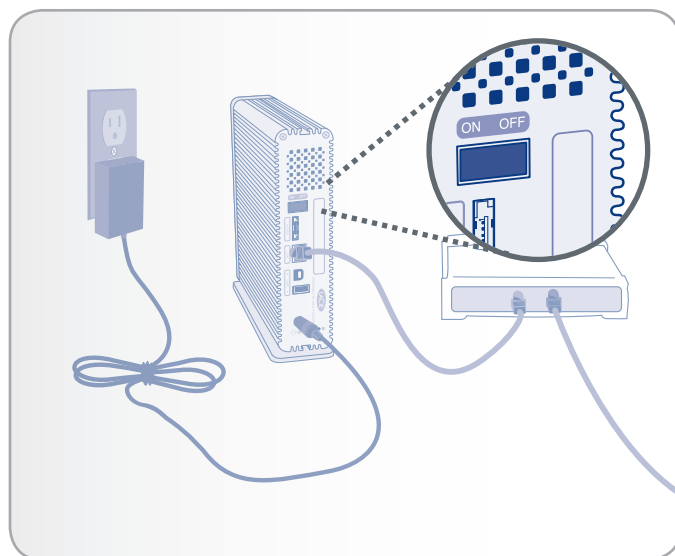
Once installed and running, Network Assistant will appear in your task bar (Windows users, *Fig. 08*) or in the menu bar (Mac users, *Fig. 09*) and automatically search for storage devices on your network. When a new device is found, the icon will blink.

When Network Assistant finds your LaCie d2 Network 2, you can connect to any of its shares, log in to the Dashboard (user interface, see *4.1. Dashboard: Accessing*), or configure its network settings.

TECHNICAL NOTE: If you've installed LNA before purchasing the d2 Network 2, make sure that you download and install the latest version from the LaCie website.

TECHNICAL NOTE: If you can't do don't want to install LNA, you can still access the Dashboard by typing http://LaCie-d2 (Windows), http://lacie-d2.local (Mac), or http://[IP address] (either).

Install LaCie Network Assistant:

1. Insert the LaCie d2 Network 2 CD-ROM into your computer's CD-ROM drive.

2. Windows users, the CD should appear in My Computer. Mac users, the CD should appear on the desktop. Double-click the CD icon, then double-click "LaCie Network Assistant Setup".

3. Follow the Wizard to complete installation.
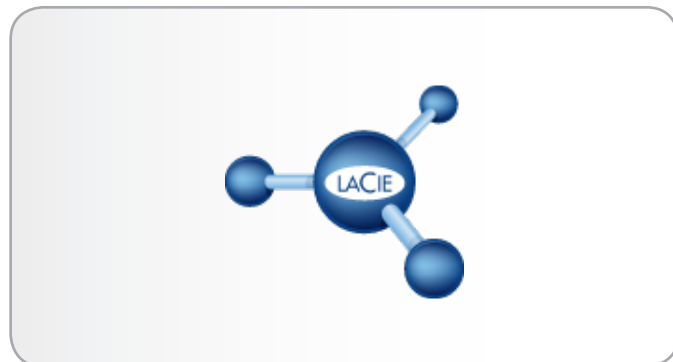
Fig. 07
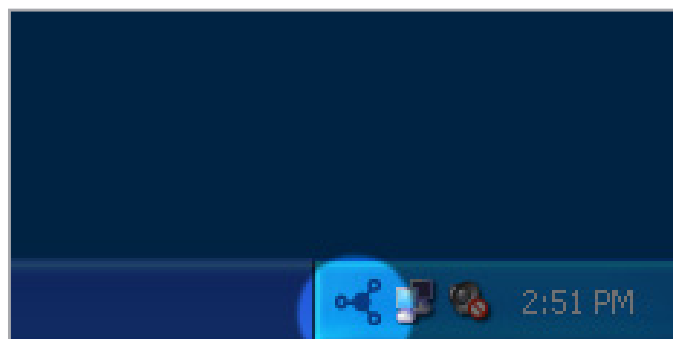
Fig. 08

Fig. 09

Connect to the LaCie d2 Network 2:

1. Launch LaCie Network Assistant and use it to open the Dashboard (user interface).

   ### Windows Users

   Select LaCie Network Assistant in Start/Programs. A Network Assistant icon will appear in the system tray (*Fig. 10*) and Network Assistant will automatically detect your LaCie d2 Network 2 and any other storage devices on your network (*Fig. 11*).

   ### Mac Users

   Select LaCie Network Assistant in your Applications folder. A Network Assistant icon will appear in the menu bar and the Assistant will automatically detect your LaCie d2 Network 2 and any other LaCie storage devices on your network.

2. Click on the icon in the system tray (Windows) or menu bar (Mac) and select LaCie-d2 (*Fig. 12*). The Dashboard will open in your default web browser.

3. If this is the first time you've connected to the Dashboard, proceed to the next step, *2.4. STEP 4: Completing the Setup Wizard*. For subsequent logins, refer to section *4.1. Dashboard: Accessing*.

Fig. 10

Fig. 11

Fig. 12

2.4. STEP 4: Completing the Setup Wizard

The first time you log in to the Dashboard, the Setup Wizard will load in you browser (*Fig. 13*). The Setup Wizard consists of three sections to be filled out that will help you to configure your d2 Network 2.

a. General Settings: Modify the Machine Name (optional - a name may only contain letters (case sensitive), numbers, or a hyphen. Maximum of 15 characters) and create the admin login name and password (minimum 4 characters)).

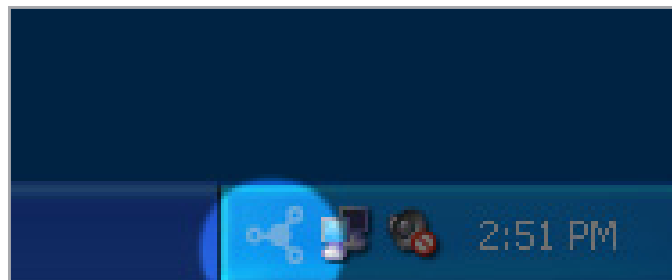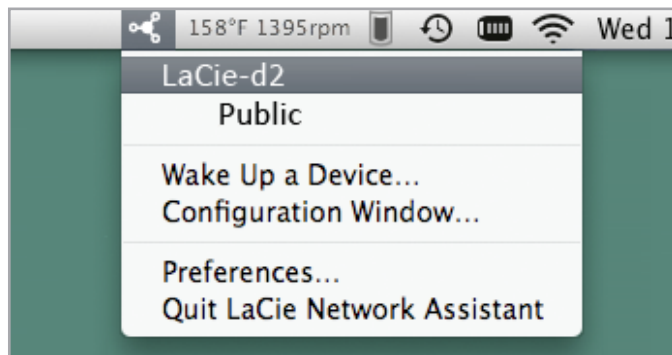**IMPORTANT INFO:** You may enter 4 to 20 characters using letters (case sensitive), numbers, the hyphen, and the underscore. No other symbols, punctuation, or spaces may be used. Do not begin or end with a hyphen and/or an underscore.

IMPORTANT INFO: If for whatever reason you do not complete the Setup Wizard, the default login credentials will be admin/admin.

b. Time Configuration: Select whether the time and date should be set manually or synchronized with a third party server. Press the Test button to ensure synchronization is working. When the time synchronization option is selected, you can't modify the time and date settings.

c. Disk Configuration: Specify how much of the total storage should be made available when the drive is connected to your computer via USB, and how much for when your computer is connected to the network. You can modify this amount from 0 GB to up to half the total capacity (default is 0 GB).

If you choose to increase the USBShare size, it is necessary to format the share. After completing the Setup Wizard, navigate to Drive Information > USB Drive and select Format (for details, see *4.11. Dashboard: Drive Information*).

Once you've finished, you can proceed to the Dashboard by clicking Finish (*Fig. 13*).

Your d2 Network 2 is configured and ready to use. Proceed to the following sections: *3. Accessing and Transferring Files* and *4. Administering Your LaCie d2 Network 2*.
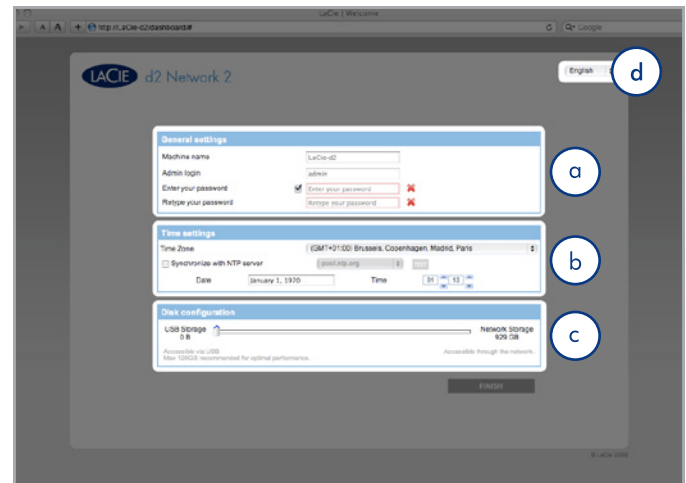
Fig. 13

IMPORTANT INFO: LaCie strongly recommends you do not increase the USBShare size to more than 128 GB unless you format USBShare to either NTFS or HFS+ using your operating system's native disk utility.

NOTE: The machine name can be modified later from the Dashboard.

NOTE: You can also change the language on this page (*Fig. 13*, D).

TECHNICAL NOTE: If you need to assign a static IP address, refer to section *2.6. Assigning a Static IP Address* for details.

2.5. Power Button Functions

The multi-function front LED/button allows you to activate/deactivate sleep mode and reset to default.

✦ Activate sleep mode: This mode can be triggered by either:

   a. If Deep Sleep Mode is enabled in Dashboard > Eco Management, by clicking and holding the blue button.

   b. Alternatively, if Deep Sleep Mode is enabled in Dashboard > Eco Management, by clicking the Shut Down button in the upper-right hand corner of the Dashboard then Deep Sleep Mode (*Fig. 14*).

✦ Wake from sleep mode: Press the blue button (but do not hold it down).

   To wake the drive from Deep Sleep Mode, press the blue button or use the Wake on LAN function in the LaCie Network Assistant (see *4.12.2. Wake on LAN*) (see *4.12. Dashboard: Eco Management*).

✦ Reset to default: This process is explain in section *4.18. Reset to Factory*.

Fig. 14

2.6. Assigning a Static IP Address

Most networking routers are DHCP servers, meaning that the router will automatically assign the d2 Network 2 an IP address. If the network is not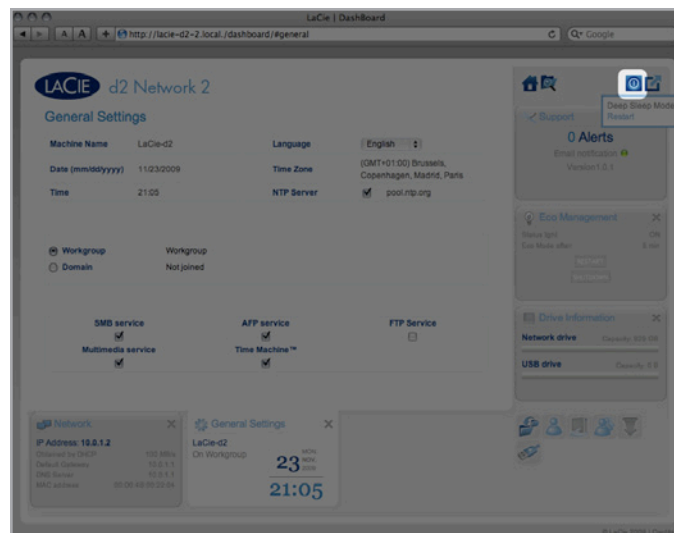 DHCP-managed, the d2 Network 2 will use APIPA to assign itself a valid IP address of existing network; in some cases it will assign itself an IP address following the rule 169.254.xxx.yyy/24.

TECHNICAL NOTE: Make sure you provide an IP address on the same subnet as your computer so that the d2 Network 2 will be visible to that computer.

If your network requires devices to be assigned a static IP, follow these steps to use the LaCie Network Assistant:

1. Make sure the LNA is installed on your computer (see section *2.3. STEP 3: Connect using LaCie Network Assistant* for details).

2. Launch LaCie Network Assistant and open the Network settings tab:

Windows Users

Select LaCie Network Assistant in Start/Programs. An Network Assistant icon will appear in the system tray and Network Assistant will automatically detect your LaCie d2 Network 2 and any other storage devices on your network.

Mac Users

Select LaCie Network Assistant in your Applications folder. An Network Assistant icon will appear in the menu bar and the Assistant will automatically detect your LaCie d2 Network 2 and any other LaCie storage devices on your network.

3. Click on the icon in the system tray (Windows) (*Fig. 15*) or menu bar (Mac) (*Fig. 16*) and select Configuration Window….

4. Click the Network tab and select Manual.

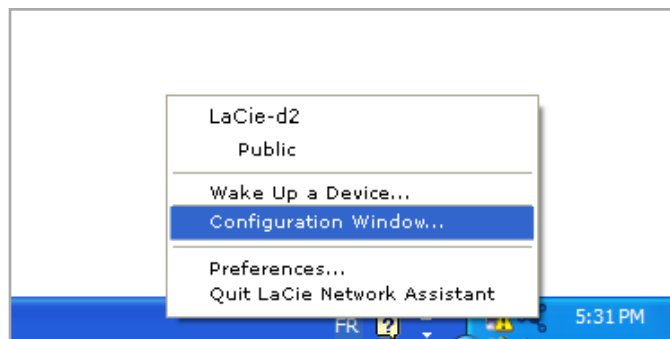5. Modify the network settings to work with your network.

6. Click Apply.

Fig. 15

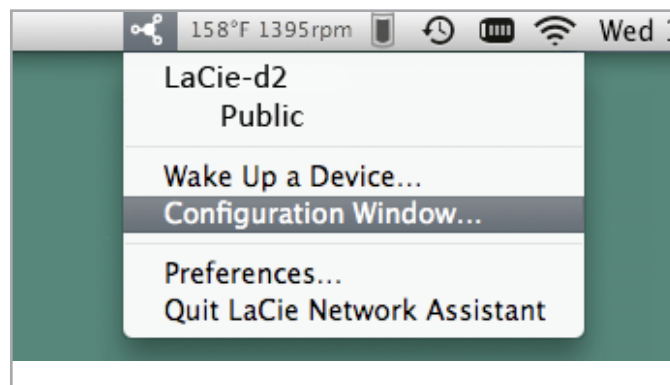Fig. 16

3. Accessing and Transferring Files

There are several ways to access and transfer files located on the d2 Network 2. Follow the links below for more details.

3.1. About Default Shares

The LaCie d2 Network 2 has three shares (similar to folders) by default: Share, Public, and USBShare (USBShare will be created automatically when you allocate space for USB access). The following table sums up the differences between them:

Name	Accessibility	Login	Availability
Share	Private, accessible only to admin by default	Password-protected	When connected to the network (Ethernet) and to networked computers
Public	Public, accessible to any user on the network	None	When connected to the network (Ethernet) and to networked computers or UPnP/DLNA-certified players/adapters (if UPnP service is activated)
USBShare	Public (access to connected external USB hard drive)	None	When connected to the network (Ethernet) or to a computer (USB), and through UPnP/DLNA-certified players/adapters (if UPnP service is activated)

Thus, when the d2 Network 2 is connected to the network, all three shares are accessible to the administrator, and Public and USBShare to guests (USBShare will only be available if you have allocated space to USB access). On the other hand, when the d2 Network 2 is connected to a computer via USB, only USBShare will be accessible. It is also possible to create new shares and/or to delete the default shares (except USBShare). See section *4.9. Dashboard: Shares* for details.

3.2. Accessing Shares Using LaCie Network Assistant

When your computer is connected to your local area network, LaCie Network Assistant will help you quickly connect to the shared folders (Share, Public, any user share, and/or USBShare if you have allocated space to the USB connection) on your LaCie d2 Network 2 and, if you like, make those folders immediately available every time you log on to your computer (for this procedure, see section *3.2.2. Map Shares*).

By default, you will be logged in as a guest, and will not therefore have access to Share or any private shares you have created. In order to access protected shares, you will have to change the login credentials using the LaCie Network Assistant. For this process, see section *3.2.1. Switching User*.

To access shared folders:

1. Launch LaCie Network Assistant.

Windows Users

Select LaCie Network Assistant in Start/Programs. A Network Assistant icon will appear in the system tray (*Fig. 17*) and Network Assistant will automatically detect your LaCie d2 Network 2 and any other storage devices on your network (*Fig. 18*).

Mac Users

Select LaCie Network Assistant in your Applications folder. An Network Assistant icon will appear in the menu bar and the Assistant will automatically detect your LaCie d2 Network 2 and any other LaCie storage devices on your network..

2. Click on the icon in the system tray (Windows) or menu bar (Mac) and select a share from the LaCie d2 Network 2 submenu (*Fig. 19*).

TECHNICAL NOTE: By default, you will be logged in as a guest and will therefore only have access to public shares. To access private shares using LaCie Network Assistant, see *3.2.1. Switching User*.
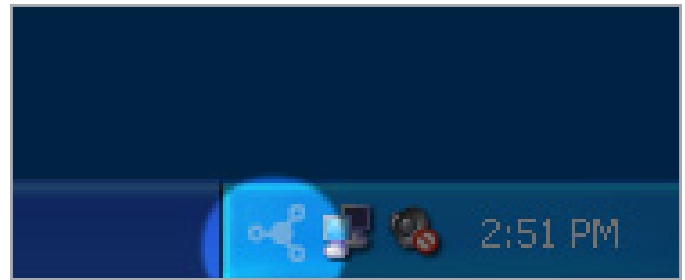
Fig. 17

Fig. 18
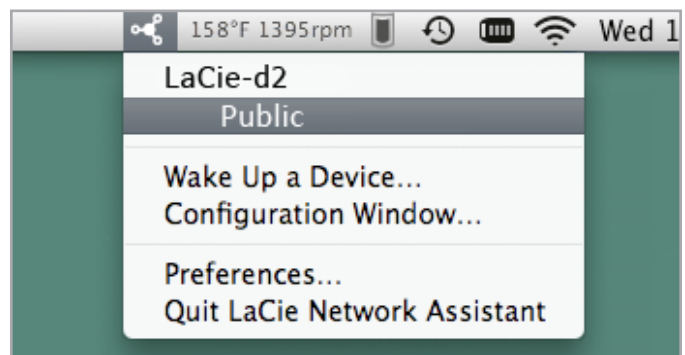
Fig. 19

3. You will be logged on as a guest and the share will open in a Finder window (Mac) or an Explorer window (PC).

TECHNICAL NOTE: Mac users: If the share does not open in a Finder window, simply navigate in the Finder to Network > LaCie-d2 > [Share name].

4. Transfer files normally from your computer to the d2 Network 2 share.

IMPORTANT INFO: If you wish to copy large amounts of data from the USBShare to another share, LaCie recommends you use the File Browser (*3.3. Accessing Shares Using File Browser*) instead of drag-and-drop using SMB.

3.2.1. Switching User

By default, you will be logged in as a guest, and will not therefore have access to private shares. In order to access protected shares, you will have to change the login credentials using the LaCie Network Assistant. Follow these steps:

1. Click the LaCie Network Assistant icon in the Task Bar (Windows) or Menu Bar (Mac) and select Configuration Window....

2. Click on the Volumes tab and then click the authentication button (Fig. 20).

3. When prompted, enter your username and password (Fig. 21).

IMPORTANT INFO: Normally you will have created an admin account during the Setup Wizard. If for whatever reason you did not complete the Setup Wizard, you can access the default private share (Share) by authenticating as username=admin / password=admin.

4. Click OK. Now when you click the LNA icon, you should see a listing of shares accessible to the authenticated user.

NOTE: The admin name and password can be changed from the Dashboard > Home page.
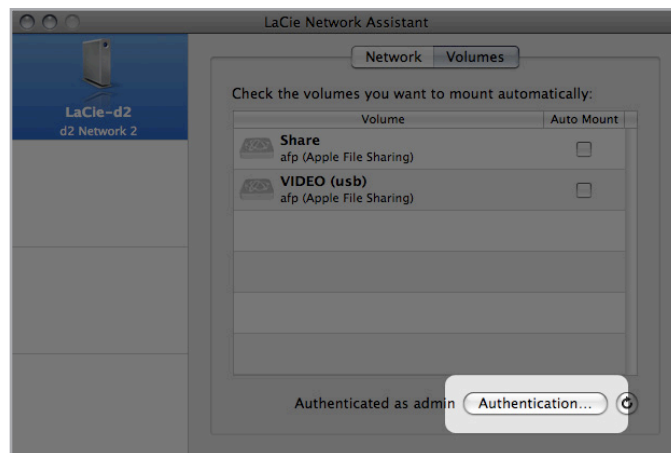
Fig. 20
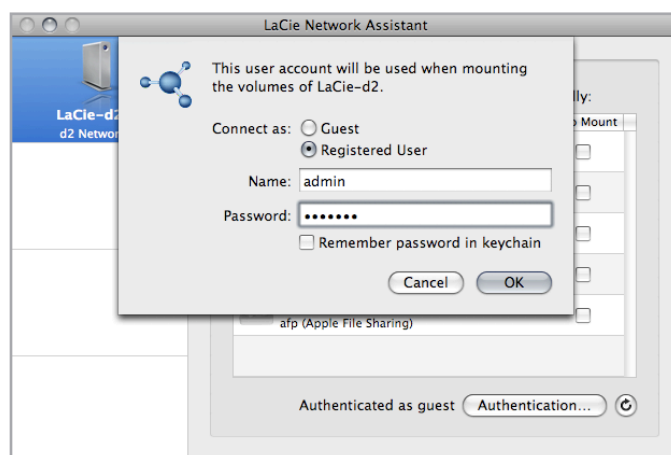
Fig. 21

3.2.2.   Map Shares

If you would like a shortcut to accessing d2 Network 2 shares, follow this procedure:

TECHNICAL NOTE: Windows users: Once you log in to a private (password-protected) share, you must log out in order to access another private share. For this reason, it is recommended for Windows users to map private shares before mapping public ones so that you won't need to log out each time.

Windows Users

1. In an Explorer window, in the menu bar, select **Tools** and then Map Network Drive (*Fig. 22*).

2. Select Share.

3. Repeat process for other shares.

4. You will then have access to your share from an Explorer window.

Mac Users

1. From the Apple icon in the menu bar, select System Preferences > Accounts > Login Items.

2. Drag the share's icon from your desktop into the list of applications (*Fig. 23*).

3. When you log on to the Mac OS, the share(s) will automatically mount on your desktop.

Alternatively, you can drag the share icon to the Dock for easy access.

Fig. 22
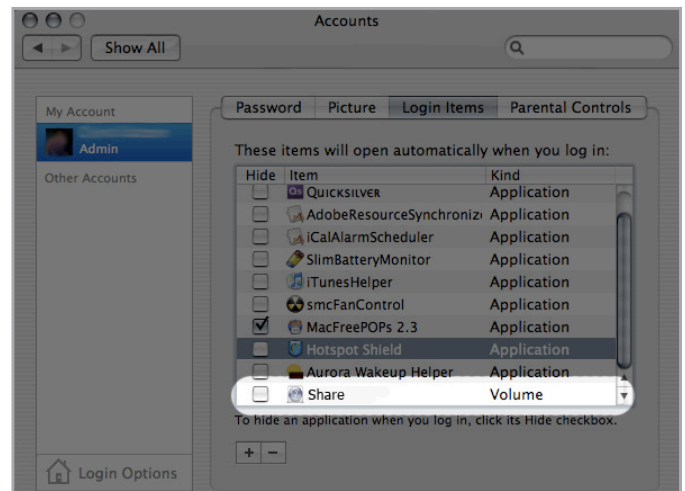
Fig. 23

3.3. Accessing Shares Using File Browser

The Dashboard features an interactive file browser that allows you to manage and transfer files via HTTP protocol. Follow these steps to open the file browser:

1. Log in to the Dashboard (see section *4.1. Dashboard: Accessing* for details).

2. Click the File Browser button (*Fig. 24*).
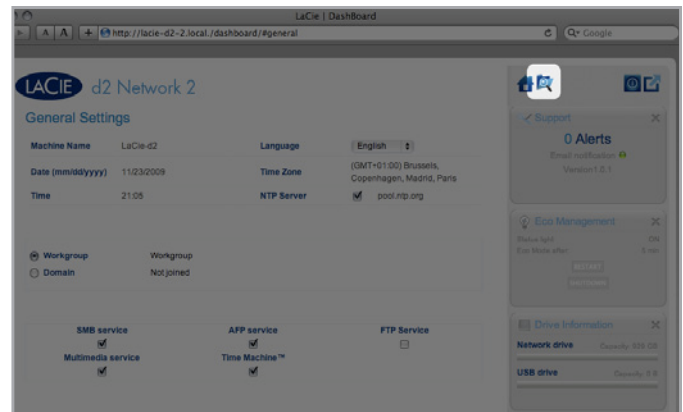
Fig. 24

3.3.1. About the File Browser

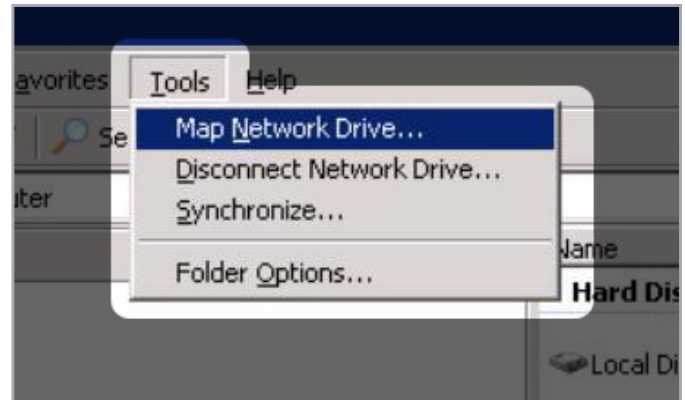The File Browser allows you to transfer, copy and delete files, as well as view photos in thumbnails and even stream multimedia content such as mp3 or flv videos. It is thus a convenient way to interact with files stored on the d2 Network 2's shares, whether the connection be through the local network or through the internet. For details on remote connections, see *3.5. Accessing Shares through the Internet*.

The File Browser is composed of five parts (*Fig. 25*):

1. Tool bar allows you to perform a range of functions, such as changing the way files are displayed and uploading files to the d2 Network 2 from your computer.

2. NAS selection lets you choose the product you wish to access.

3. Share folders shows the folder structure on the selected share.

4. File info displays information on a selected file, such as name, file type, dimensions (photos), or duration (videos).

5. Folder contents displays the files contained in a selected folder. To view the files as thumbnails, click Thumbs in the Tool bar.
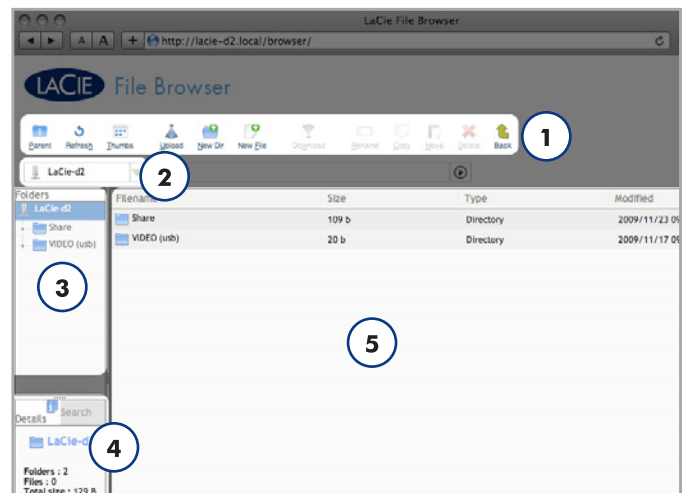
Fig. 25

3.4. Accessing Shares via USB

The d2 Network 2 can be connected to your network via Ethernet or directly to a computer via USB. This chapter explains how to connect your hard drive to a computer. For details on connecting to your network, refer to chapter *2. Connecting to a Network*.

IMPORTANT INFO: You must successfully connect to the network and run the Setup Wizard before connecting the d2 Network 2 to your computer via USB. Follow the steps in chapter *2. Connecting to a Network* before continuing. Additionally, you will need to increase the storage allocated for USB access by adjusting the USBShare size slider (which is set to 0GB by default) (refer to *2.4. STEP 4: Completing the Setup Wizard* or *4.11. Dashboard: Drive Information*.

TECHNICAL NOTE: If your network is limited to 10/100 Mbit transfer speeds or if you use WiFi, the USB connection will generally permit faster transfer times. In this case, LaCie suggests that as a first step you copy large quantities of files to the d2 Network 2 via USB, then as a second step, share them throughout your network via the Ethernet cable.

Follow these steps to getting your LaCie d2 Network 2 connected to your computer:

3.4.1. STEP 1: Connecting the USB cable

3.4.2. STEP 2: Turn On the Drive

3.4.1.   STEP 1: Connecting the USB cable

IMPORTANT INFO: You must allocate space to USBShare before connecting the drive to your computer. See *4.11. Dashboard: Drive Information*.

1. Attach one end of the USB cable to an available USB 2.0 port on your computer (*Fig. 26*).

2. Connect the other end of the USB cable to the USB port (type B; see *Fig. 26*) on the back of the d2 Network 2.

3. Move on to the next step, *3.4.2. STEP 2: Turn On the Drive*.

TECHNICAL NOTE: The d2 Network 2 USBShare is formatted in MS-DOS (FAT32) for use with PCs and Macs. You can reformat the drive in MS-DOS (FAT32) using the Dashboard (see *4.11. Dashboard: Drive Information* for details). To format the USBShare into a different file format (NTFS or HFS+), refer to the documentation for your operating system's disk management application.

TECHNICAL NOTE: By default the capacity accessible when you connect the d2 Network 2 to your computer is 0 GB. This quota can be adjusted but it cannot be more than 500 GB (ex. for a d2 Network 2 with 2TB of storage, 500GB will be the maximum dedicated for access via USB) (see *4.7. Dashboard: Users* for details).

Fig. 26

Fig. 27 – Hi-Speed USB 2.0 cable ends

Hi-Speed USB 2.0 Cables And Connectors

See *Fig. 27* for an illustration of the Hi-Speed USB 2.0 cable used to connect your LaCie d2 Network 2 to your computer. USB is a serial input/output technology for connecting peripheral devices to a computer or to each other. Your LaCie drive is shipped with a Hi-Speed USB cable to ensure maximum data transfer performance when connected to a Hi-Speed USB 2.0 port. The cable will also work when connected to a USB 1.1 port, but drive performance will be limited to USB 1.1 transfer rates.
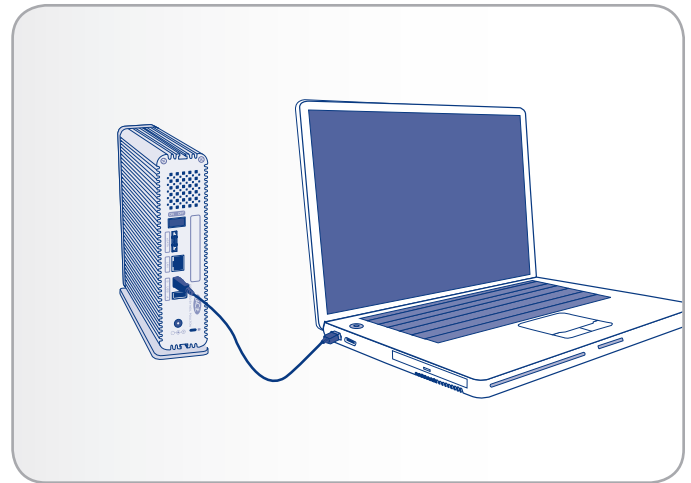
3.4.2. STEP 2: Turn On the Drive

1. Connect the power supply to a wall outlet and to the LaCie d2 Network 2 (*Fig. 28*).

2. Turn on the drive by pressing the power button on the back of the drive (*Fig. 29*) until the LED turns on. It will then begin blinking.

3. Once the LED stops blinking, the hard disk will mount on your computer and appear in My Computer/Computer (Windows users) or on your desktop (Mac users).

4. Transfer files from your computer normally.

CAUTION: Only use the AC adapter supplied with your specific LaCie device. Do not use a power supply from another LaCie device or another manufacturer. Using any other power cable or power supply may cause damage to the device and void your warranty. Always remove the AC adapter before transporting your LaCie drive. Failure to remove the adapter may result in damage to your drive and will void your warranty.

TECHNICAL NOTE: You may use your LaCie drive when in a foreign country thanks to its 100-240 Volt power supply. To use this feature, you may need to purchase an appropriate adapter or cord. LaCie accepts no responsibility for any damage to the drive resulting from the use of an inappropriate adapter. Using an adapter other than one authorized by LaCie will void your warranty.
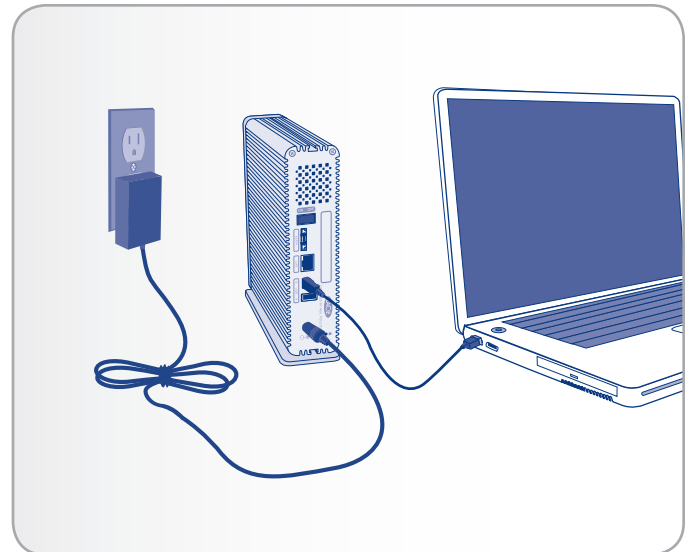
Fig. 28
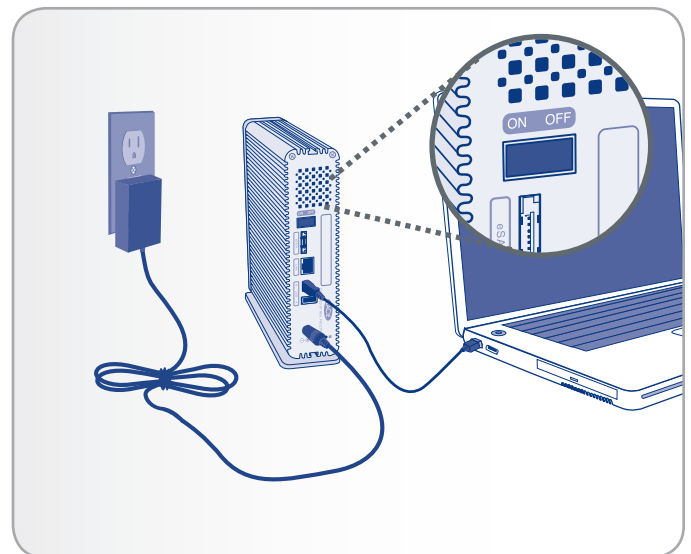
Fig. 29

3.4.3.   Disconnecting the USB Connection

External USB devices feature "plug & play" connectivity, which means that your drive can be connected and disconnected while the computer is running. To prevent failures, however, it is important to follow these steps when disconnecting your hard drive.

Windows Users

From the System Tray (located in the lower right-hand side of your screen), click the Eject icon (a small green arrow over a hardware image) (*Fig. 30*).

A message will appear, listing the devices the Eject icon controls (it should say, "Safely remove..."). Click on the drive you wish to disconnect.

This message will appear: "Safe to Remove Hardware" (or similar). It is now safe to disconnect the device.

Mac Users

Drag the hard drive icon to the trash (*Fig. 31*). (The icon pictured below is a generic USB device icon. Your drive may be represented by an icon that looks like the drive itself.)

When the icon disappears from the desktop, the drive can be disconnected.
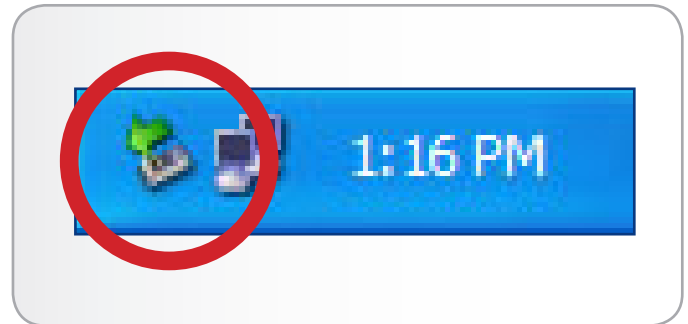
Fig. 30 - Windows users

Fig. 31 - Mac users

3.5. Accessing Shares through the Internet

You can access your d2 Network 2 through the internet. For information on establishing the connection, see *4.10. Dashboard: Network*.

Once connected, it is easiest to access your files using the web browser-based File Browser. You can upload, download, and stream most types of multimedia files such as mp3 and flv. For more information on the File Browser, see *3.3. Accessing Shares Using File Browser*.

3.6. Accessing Shares via FTP

The FTP protocol is used to transfer files from one computer to another through a local network or over the internet. This protocol allows you to exchange files with your friends or relatives securely, as only people with a user account will have access.

IMPORTANT NOTE: The FTP service is enabled by default for new shares, but if you have disabled the service at the global or share level, enable the service as described in sections *4.6. Dashboard: General Settings* and *4.9. Dashboard: Shares*.

To connect to the d2 Network 2 via FTP locally on the LAN, enter in your browser's or FTP client's address field:

ftp://[IP address]

TECHNICAL NOTE: See section *2.6. Assigning a Static IP Address* for instructions on finding your d2 Network 2's IP address.

Example: ftp://192.168.10.149

OR

ftp://<username>:<password>@<ip or machine name>/

Example: ftp://ringo:4xtp23@LaCie-d2/

To login, enter the username and password you've set up in the Dashboard (*4.7. Dashboard: Users*) or the Setup Wizard.

To remotely access the drive from a computer NOT on your network, refer to *3.5. Accessing Shares through the Internet*.
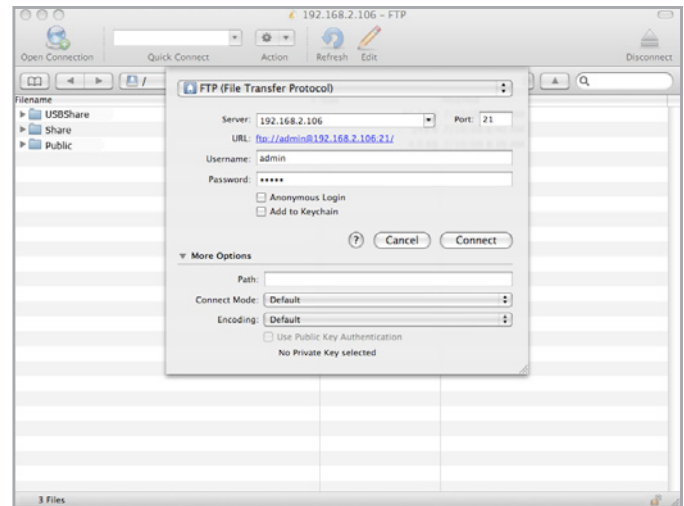
Fig. 32

3.7. Multimedia Server

Once you have established the network connection between your computer and the d2 Network 2, you can configure your d2 Network 2 to act as a UPnP multimedia server. Follow these steps:

1. Make sure the d2 Network 2 is properly connected to your home network as described in section *2. Connecting to a Network*.

2. Choose which share(s) will be available to DLNA/UPnP devices, then enable UPnP for that share on the d2 Network 2 Dashboard (see section *4.9. Dashboard: Shares*) (*Fig. 33*).

3. Now you will be able to play files located on configured shares on your d2 Network 2 on any other UPnP/DLNA-certified player/adapter (such as an XBox 360, Play Station 3, a DLNA mobile phone, etc.).

TECHNICAL NOTE: If you want your DLNA devices to be able to access files on your external USB hard drive connected to the expansion port on the d2 Network 2, select Multimedia Indexation on the Dashboard: External Ports page.
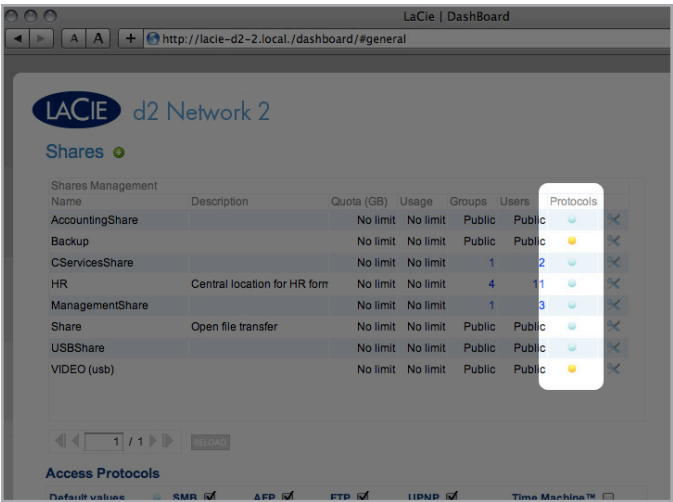
Fig. 33

3.8. iTunes Music Server

The d2 Network 2 can act as an iTunes Music server, streaming audio files located on unprotected shares to a computer on the network running iTunes. Once configured, a playlist bearing the machine name of your d2 Network 2 (by default LaCie-d2) will appear in the Shared category within iTunes, and audio files stored on the d2 Network 2 will be listed in this playlist. Follow these steps:

1. Make sure the d2 Network 2 is properly connected to your home network as described in section *2. Connecting to a Network*.

2. Choose which share(s) will be available to DLNA/UPnP devices, then enable UPnP for that share on the d2 Network 2 Dashboard (see section *4.9. Dashboard: Shares*) (*Fig. 33*).

3. Access the shared playlist in iTunes (*Fig. 34*).

TECHNICAL NOTE: The iTunes Server Service supports the following file types: .mp3, .wav, .aac, .pls, and .m3u.

TECHNICAL NOTE: Library sharing must be enable in the iTunes preferences for this to work (Preferences > Sharing > Look for shared libraries).
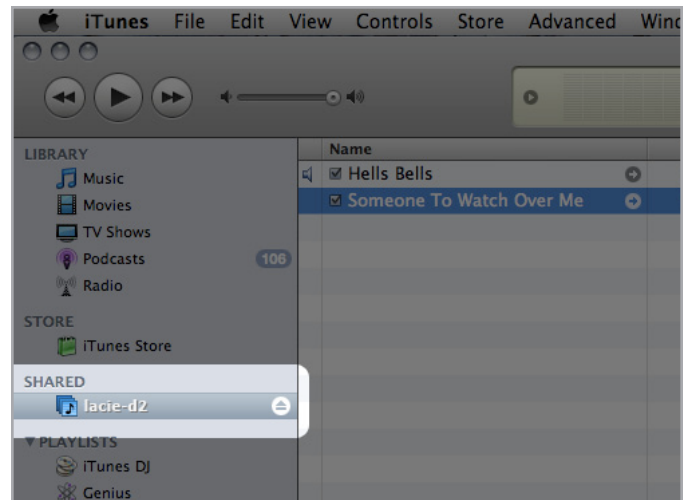
Fig. 34

4. Administering Your LaCie d2 Network 2

The LaCie d2 Network 2 features an easy-to-use browser-based tool for configuring the drive and administering users, called the Dashboard. Access the Dashboard by simply typing in your drive's IP address or machine name into your browser or using the LaCie Network Assistant.

When you log in for the first time, you will see the Setup Wizard (see section *2.4. STEP 4: Completing the Setup Wizard*).   Subsequent logins will take you directly to the Dashboard Home (*Fig. 35*). When you log in as a registered user, you will be able to administer your own account and manager the files located in the shares to which you have access.

This chapter consists of the following sections to help you navigate the Dashboard and configure your d2 Network 2:

Fig. 35

4.1. Dashboard: Accessing

There are two ways to access the Dashboard, using the LaCie Network Assistant and using a browser.

Use LaCie Network Assistant

1. Click on the LaCie Network Assistant icon in the system tray (Windows users) or menu bar (Mac users) and select LaCie-d2.

   The LaCie d2 Network 2 login page will open in a new browser window or tab (*Fig. 36*). If your browser is not open, LaCie Network Assistant will open it for you.

Use a Browser

1. Open your Internet browser (Firefox, Internet Explorer, Safari, etc.) and type your LaCie d2 Network 2's IP address or machine name (by default, LaCie-d2) in the browser's URL (web address) field (*Fig. 37*).

   http://[IP address] or

   http://LaCie-d2 (Windows)

   http://lacie-d2.local (Mac)

NOTE: The IP address of your LaCie d2 Network 2 can be found by clicking on the Network tab of the LaCie Network Assistant network Configuration Window (*Fig. 38*).

2. For administrative access, in the login prompt, enter your admin username and password.

3. Click Login.

IMPORTANT NOTE: The login and password are case-sensitive.
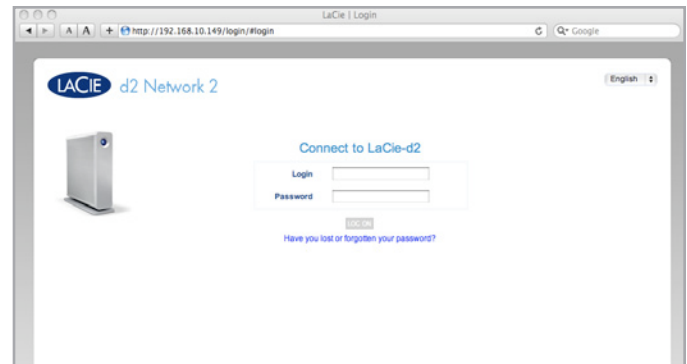
Fig. 36

Fig. 37
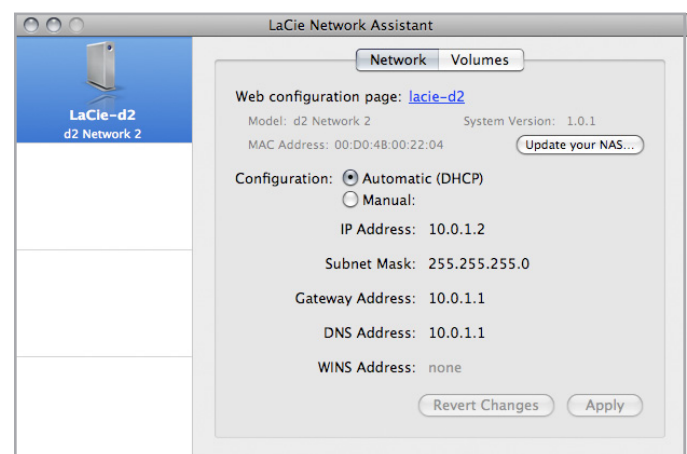
Fig. 38

4.2. Dashboard: Welcome Page

The welcome page contains links to helpful documents from the LaCie Website (*Fig. 39*, a) and a table listing the different pages that make up the Dashboard (*Fig. 39*, b). You can also change the admin user data (*Fig. 39*, c).

IMPORTANT INFO: If you sign onto the Dashboard as an administrator, you will see the detailed Welcome page with full management capability (as in *Fig. 39*). If you sign in as a user, you will have fewer options (ability to change username/password and access the file browser).
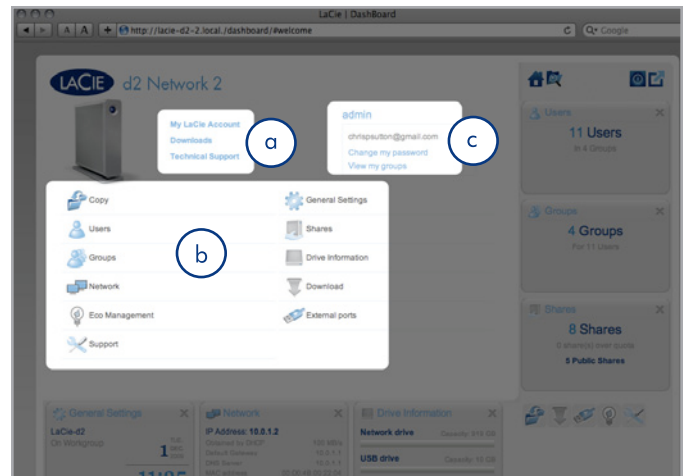
Fig. 39

4.3. Dashboard: Navigation

The Dashboard is made up of a central area surrounded by widgets, or small boxes that represent the different pages that make up the Dashboard. The widget displays a summary of the information contained in the page. For full information, navigate to the page itself.

✦ To navigate to a page, click the widget below its title.
✦ To minimize a widget, click the X next to its title.
✦ To expand a minimized widget, drag its icon over an expanded widget, which replaces it.

4.4. Dashboard: Logging Out

To log out of the Dashboard, click the log out button in the upper right-hand corner of any Dashboard page (*Fig. 40*).
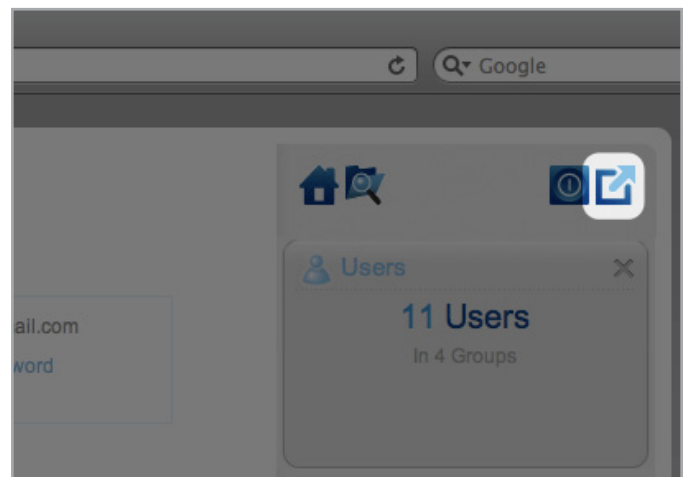
Fig. 40

4.5. Dashboard: Restart/Shutdown

To restart or shut down the drive, click this button, then choose between Deep Sleep Mode and Restart (*Fig. 41*).
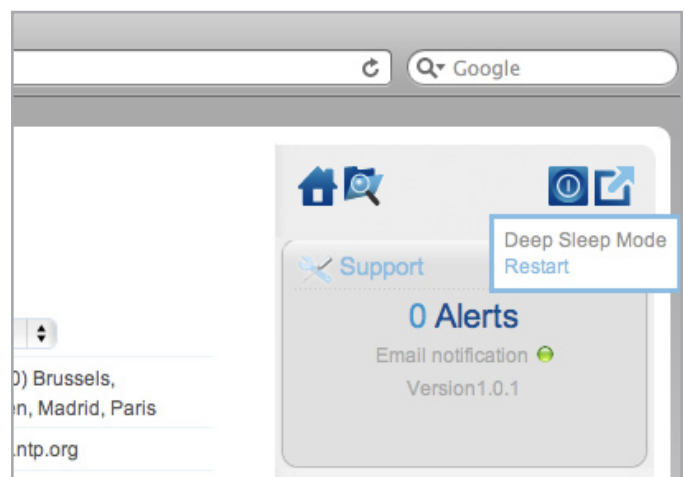
Fig. 41

4.6. Dashboard: General Settings

This page allows the administrator to modify some of your d2 Network 2's general parameters.

Machine Name: Modify the machine name. The machine name identifies your d2 Network 2 in LaCie Network Assistant and on the local network.

IMPORTANT INFO: The machine name is limited to 15 characters.

Date (mm/dd/yy): Change the date.

Time: Change the time.

Language: Change the Dashboard language.

Time zone: Change the time zone.

NTP Server: Click the box, then click the field to the right and type the address of a Network Time Protocol server to provide the time for the d2 Network 2 automatically. While NTP is selected, you can't modify the time and date settings.

Workgroup: Modify the Windows workgroup name to set your d2 Network 2 to belong to a certain workgroup.

**Domain:** See section *4.6.1. Active Directory*.

TECHNICAL NOTE: Mac users connected to a network with Windows computers can also access shares this way by selecting in the Finder Network > [Workgroup] > LaCie-d2 where "[Workgroup]" is the name of the Windows workgroup.

Toggle Services: Turn the various services off or on. By default, all these services are enabled. However, UPnP and Time Machine services also need to be enabled at the share level in order to be operative (*4.9. Dashboard: Shares*).

This setting can be overridden at the Share level. See *4.9. Dashboard: Shares* for details.

✦ **SMB:** Toggle this feature to activate/deactivate the SMB network transfer protocol.

✦ **AFP:** Toggle this feature to activate/deactivate the AFP (Apple Filing Protocol).

✦ **FTP Service:** Toggle this feature on/off to allow your d2 Network 2 to be accessible via File Transfer Protocol (FTP). Refer to section *3.5. Accessing Shares through the Internet* for details on FTP access.
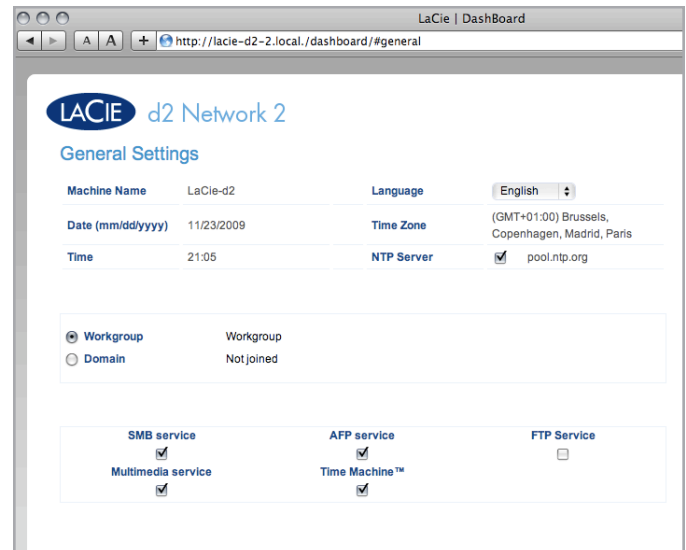
Fig. 42

✦ UPnP: This feature allows your d2 Network 2 to act as a UPnP multimedia server. Files stored in shares where UPnP service is active will be available to play on UPnP-enabled players (such as cell phones, computers, and game consoles). For information on using your d2 Network 2 to stream files to your UPnP devices, see *3.7. Multimedia Server*. For information on using the d2 Network 2 as an iTunes music server, see section *3.8. iTunes Music Server*.

✦ Time Machine: The d2 Network 2 is compatible with Apple's Time Machine, which backs up your Macintosh onto an external volume at regular intervals.

TECHNICAL NOTE: If you've just added new content to the d2 Network 2, it could take a few minutes before they are available to UPnP/DLNA-certified players/adapters.

Fig. 43

4.6.1. Active Directory

This feature allows you to join the d2 Network 2 to a Windows domain. Once connected, existing users/passwords in the domain are respected by the d2 Network 2 and treated exactly as if they were created in the Dashboard. You can use the Users page to assign domain users access to the d2 Network 2's shares.

To connect to a share, click the Domain box, then fill in the Fully Qualified Domain Name, Admin login, and Admin password. For more complex network configurations, click the Advanced Criteria arrow and fill in the Server name and IP address (*Fig. 43*).

To leave the domain, click the Leave button, then authenticate by inputting admin username and password (*Fig. 44*).

Once connected, you should see the domain's associated users in the Dashboard's Users page (these users will be identified by the word Domain in place of password).
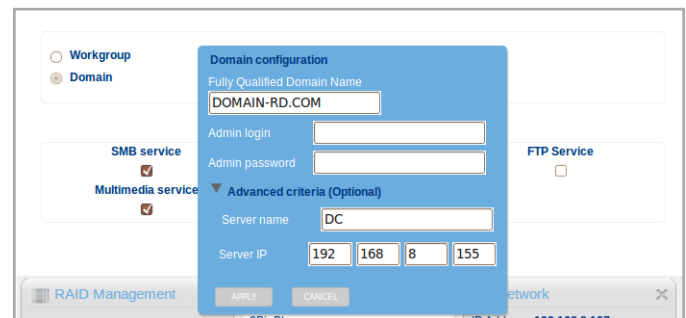
Fig. 44

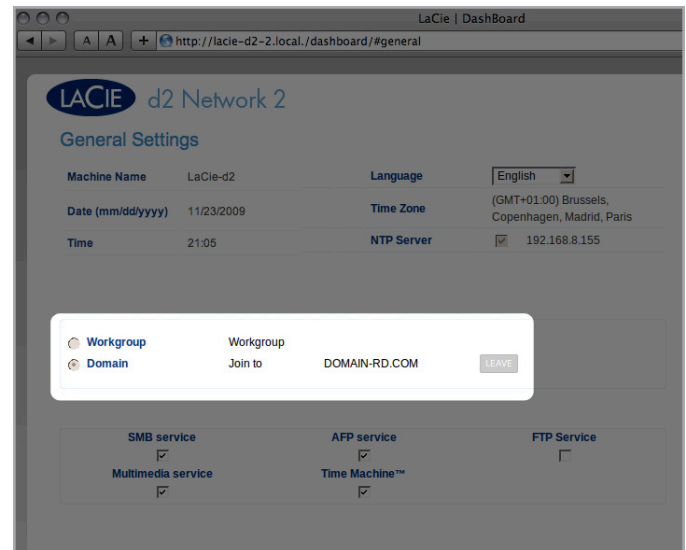## 4.7. Dashboard: Users

This page allows you to manage user accounts. See below to learn how to accomplish user management-related tasks (*Fig. 45*).

User data is organized in a table.

✦ An X in the Admin column indicates the user has administrative privileges.

✦ The number in the Shares column indicates to how many shares the user has access.

✦ The number in the Groups column shows to how many groups the member belongs.

✦ The bullet in the Domain column indicates whether the user has been inherited from when the product joined a domain.
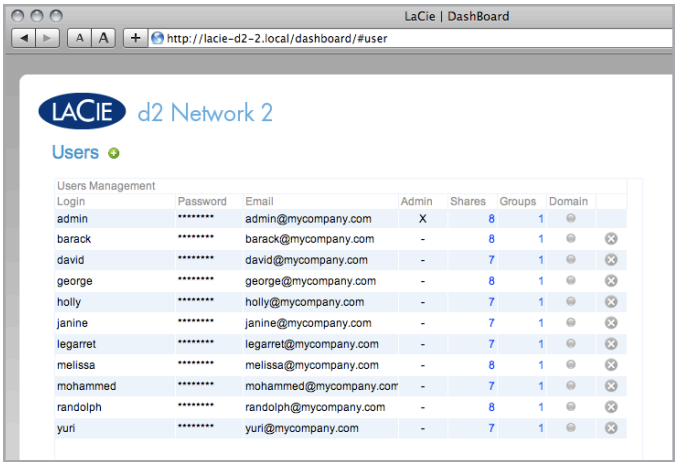
4.7.1. Adding a New User

1. Click the green plus sign next to the page title ("Users accounts").

2. In the box that opens, type in the username (You may enter 4 to 20 characters using letters (case sensitive), numbers, the hyphen, and the underscore. No other symbols, punctuation, or spaces may be used. Do not begin or end with a hyphen and/or an underscore.), password (4 to 20 characters), confirm password, and optional fields (email address, toggle administrator account) (*Fig. 46*). Click the Admin account box to give the user admin privileges.

3. Press the green plus sign at right to create the user account.

IMPORTANT NOTE: The password is case-sensitive.

IMPORTANT INFO: The administrator password must be at least 4 characters.

TECHNICAL NOTE: Providing an email address will allow the user to receive notifications regarding their user account sent automatically by the d2 Network 2. See section *4.13.1. Email Notification Events* for details.

Fig. 45

Fig. 46

4.7.2.   Deleting a User

1. Click the gray "x" to the right of the user listing in the table.

2. In the confirmation box, click Delete (*Fig. 47*).

4.7.3.   Editing a User

1. Click on the text in any field in the user table to modify a value (*Fig. 48*).

CAUTION: Decreasing the capacity of a quota can cause data to be deleted.
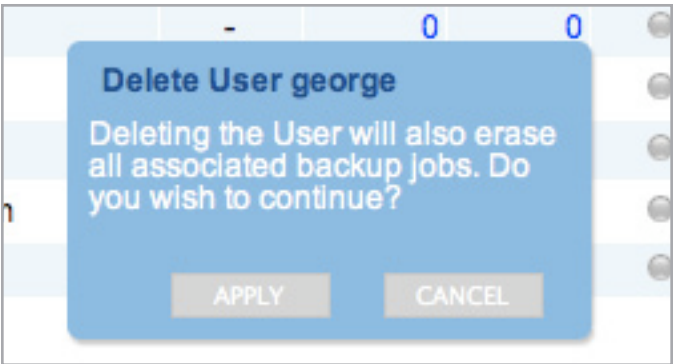
Fig. 47
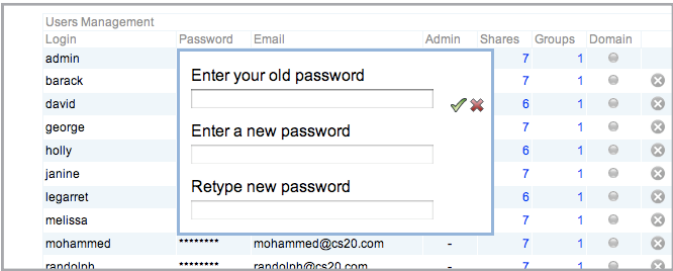
Fig. 48

4.8. Dashboard: Groups

This page allows the administrator to manage groups. Groups help to simplify users management and access to shares. They allow administrators to change access rights to entire groups rather than individually.

From this page, administrators can: create, modify, delete, and add users to groups.

TECHNICAL NOTE: Users can belong to multiple groups.

TECHNICAL NOTE: If a discrepancy exists between the rights assigned to an individual and rights assigned to a group to which the individual belongs, the more permissible rights prevail. For example, if a user has access to a share called "Backup" and she belongs to a group that does not have this access, she will still have access to "Backup" (see chart at right).
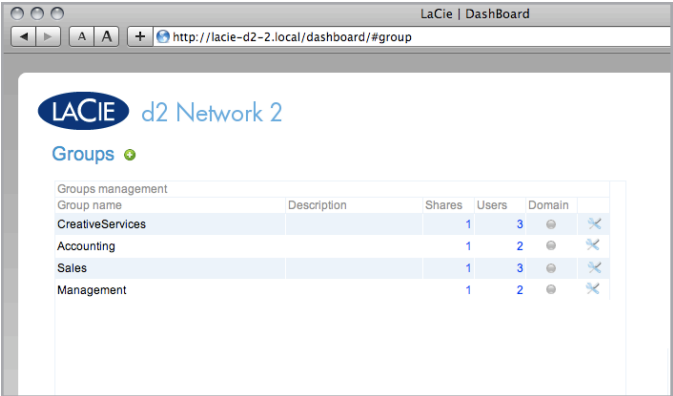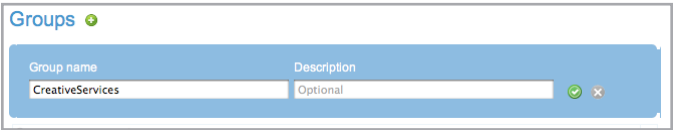
4.8.1. Adding New Group

To create a new group, click the green plus sign then fill in the group name and description (optional) (*Fig. 50*).

4.8.2. Editing a Group

You can change the group name or description by clicking on the field and typing.

Fig. 49

Fig. 50

User permissions	Group permissions	Net access
Read / Write	Read / Write access	R/W
Read / Write	Access Read Only	R/W
Read / Write	No Access	R/W
Read only	Read / Write access	R/W
Read only	Access Read Only	RO
Read only	No Access	RO
No Access	Read / Write access	R/W
No Access	Access Read Only	RO
No Access	No Access	NA

4.8.3. Deleting a Group

To delete a group, click the edit icon to the right of the group's listing (*Fig. 51*). In the window that opens, click Delete this group. Confirm deletion in the dialogue window (*Fig. 52*). Note that this process does not delete users assigned to the group.

4.8.4. Adding/Removing Users from a Group

To add or remove a user from a group, click the edit icon to the right of the group's listing, then select Manage users (*Fig. 53*). To add a user, select him/her in the Users column and click the add button. To remove a user, select the user in the Members column and click the remove button. To select multiple items, hold down the Ctrl key (Windows) or Command key (Mac).

You can assign a group's access to a share using the Shares page.

Fig. 51

Fig. 52
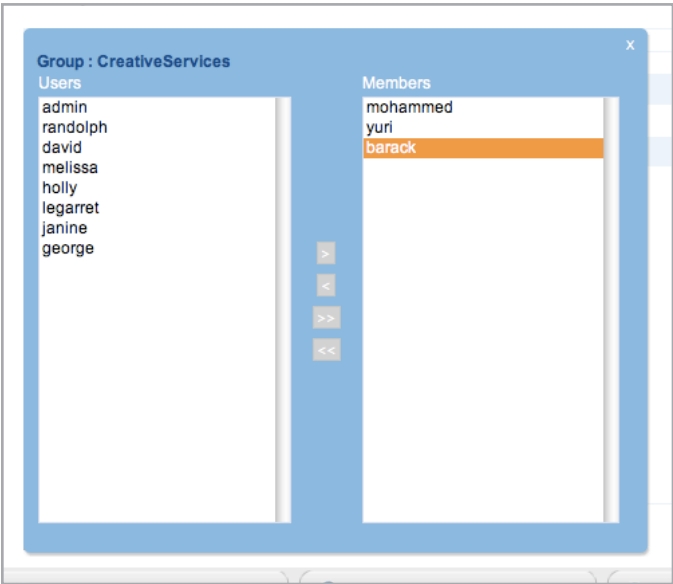
Fig. 53

4.9. Dashboard: Shares

Shares – network folders – comprise the storage capacity of the d2 Network 2. Out of the box, it has two shares, Share and Public, and USBShare is created automatically when storage is allocated to the USB connection. The Shares page in the Dashboard allows the administrator to assign quotas and access rights to users and groups, and to toggle share-level access protocols (*Fig. 54*).

TECHNICAL NOTE: It's not necessary to create shares in order to use the product. Simply use the default Share, Public, and/or USBShare.
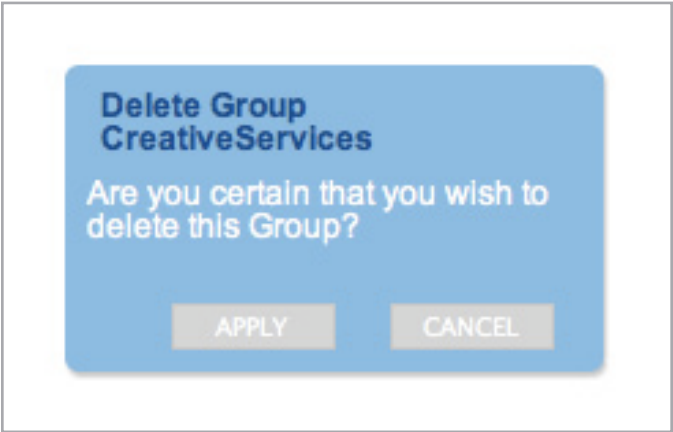
4.9.1. Adding a New Share

To create a new share, click the green plus sign, then fill in the group name, description (optional), and quota (optional). If you do not set a quota, the size allocated to the share is unlimited (until the drive is filled).

Then, decide on whether the share will be public or private. If you choose public, all users and guests will have Read/Write access to the share.

IMPORTANT INFO: If you do not select the Public check box, then no user will have access to the share until you assign access rights.

4.9.2. Modifying a Share

To modify a share's name, description, or quota, click on the field and begin typing (*Fig. 55*). For details on changing access rights, see *4.9.4. Setting/Modifying Access Rights for Users/Groups*.

4.9.3. Deleting a Share

To delete a share, click the edit icon to the right of the share's listing. In the window that opens, click Delete this Share. Confirm deletion in the dialogue window (*Fig. 56*). Note that deleting a share will erase any files stored on the share.

Fig. 54

Fig. 55

Fig. 56

4.9.4. Setting/Modifying Access Rights for Users/Groups

To modify access rights to the share for users or groups, follow the instructions below (and refer to *Fig. 57*).
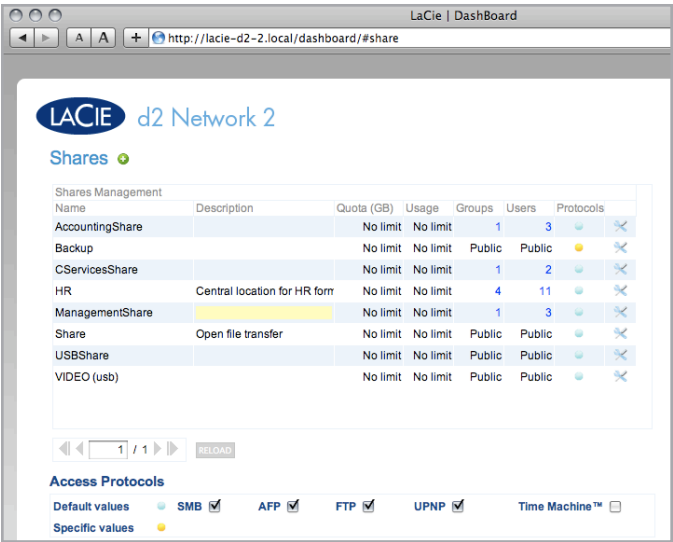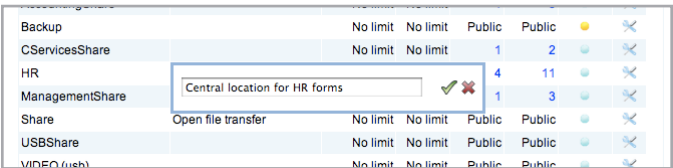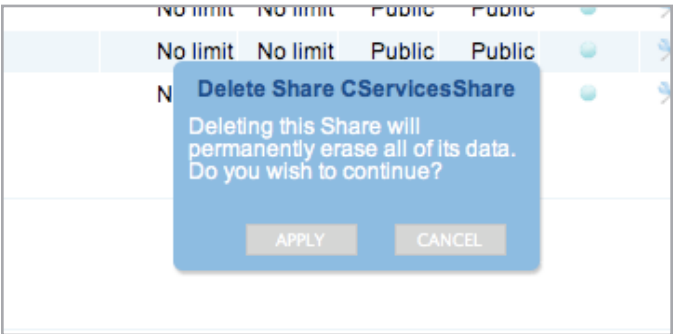
✦ Modify user access (to a private share): Click the edit icon to the right of the share listing, then select Manage User Access. In the window that opens, select a user in either the Read Write or Read Only column and click the add button. To remove a user, select the user in the Members column and click the remove button.

TECHNICAL NOTE: If you select "Grant read access to Guest and System users", the Share will be accessible in RO by any user (including guests) in addition to registered users. This will be indicated in the Shares table with a "+" next to the number of users with access to the share.

✦ Modify group access: Click the edit icon to the right of the share listing, then select Manage Group Access. Select a group in either the Read Write or Read Only box in the left-hand column and click the add button. To remove a group, select the group in the right-hand column and click the remove button.

✦ To make a share private or public: Click the edit icon to the right of the share listing, then select either Change share to public or Change share to private.

4.9.5. About Access Rights

✦ Read-Only means that all users can view and open files, but they only the administrator can copy files to the share (see table at right).

✦ Read/Write means that all users can view, modify, and copy files to the share.

4.9.6. Specify Share-Level Access Protocols

If you click on the bullet under the Protocols column, you can modify which access protocols are active for that share. By default, new shares have SMB, AFP, and FTP enabled. If you want the share to serve files to UPnP/DLNA devices and/or to act as a Time Machine target, activate these protocols by clicking on the bullet in the Protocols column. If the default setting is overruled at the share level, the bullet in the Services column will turn from blue to yellow (*Fig. 58*).

Fig. 57

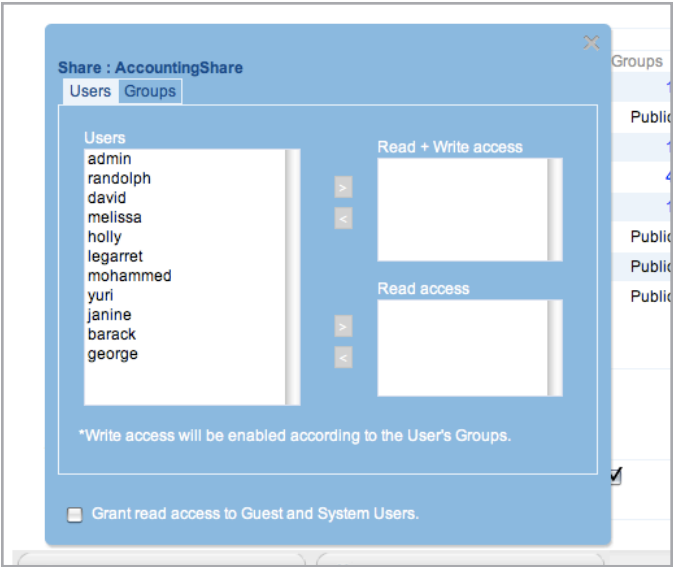| Quota (GB)	Usage	Groups	Users	Protocols	
No limit	No limit	1	3	⬤	✖
No limit	No limit	Public	Public	⬤	✖
No limit	No limit	1	2	⬤	✖
No limit	No limit	4	11	⬤	✖

Fig. 58

4.10. Dashboard: Network

This page allows you to modify your d2 Network 2's network settings. Note that there are two tabs to the page, standard and advanced.

4.10.1. Standard Settings

Configure using DHCP or manually: If your network is DHCP-enabled, as are most consumer networks, the d2 Network 2 will automatically be assigned an IP address and other values. As a result, most users will see that the table has been filled in with values. If you select Configure Manually, you will be able to modify the table values.

Automatic port forward: If you want your d2 Network 2 to be accessible via the internet for remote access, you need certain ports to be open in your router to allow proper communication. Check this box to enable port forwarding, which uses UPnP-IGD/NAT-PMP to automate port forwarding (if your router is compatible).

TECHNICAL NOTE: The following ports need to be forwarded to ensure proper communication: 21 (FTP) and 80 (HTTP).

IMPORTANT INFO: If you activate automatic port forward, public shares will become accessible (read/write) through FTP.

Dynamic IP Resolution: You can use a third party Dynamic DNS service to create an easy-to-remember URL for accessing your d2 Network 2 remotely. This service is free and no subscription is required. Follow these steps:

1. Go to a Dynamic DNS service provider such as DYNDNS.com.
2. Create an account.
3. Input the d2 Network 2's IP address and create a hostname (ex. smithfamily.dyndns.org).
4. On the Dashboard, open the Network page and enter the service provider, username, hostname and password you set up.
5. Click Apply.
6. From any internet connection, open a web browser and type the hostname (*Fig. 60*). Your d2 Network 2 login page will open.
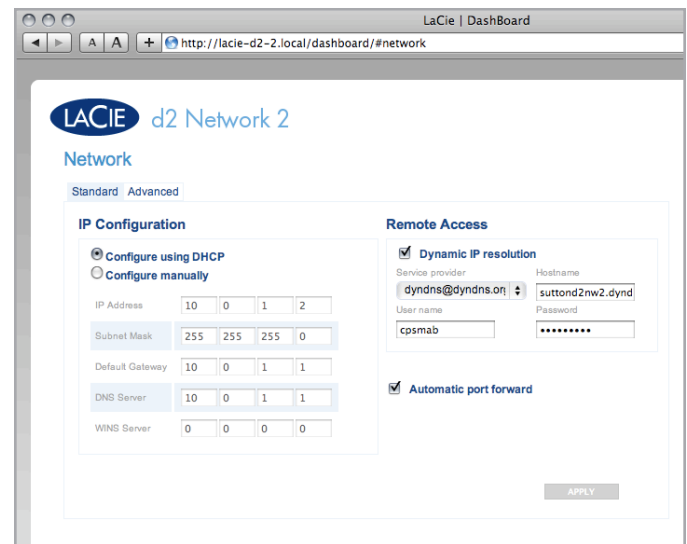
Fig. 59

Fig. 60

4.10.2. Advanced Settings

Proxy Configuration: The d2 Network 2 can be configured to connect to a proxy server. Fill in the server URL, port, and optional authentication information and click Apply.

SMTP Configuration: To make sure your d2 Network 2 can send alert emails to users, configure the SMTP settings. Verify the alert system works by clicking the Send a verification email box.

After modifying any of the above settings, click the Apply button.

Fig. 61

4.11. Dashboard: Drive Information

This page shows you information about disk usage and will allow you to reformat your drive.

4.11.1. Formatting Your d2 Network 2

When you click the top Format button (*Fig. 62*, a), ALL data on the disk (including on USBShare) will be erased and the disk will be formatted. Data on any USB or eSATA hard drive connected to the front port will not be affected. When you click the bottom Format button (*Fig. 62*, b), only the USBShare will be formatted.

To reformat:

1. Click the FORMAT button.

2. In the blue window that opens, confirm by flicking the FORMAT button.

CAUTION: Formatting will erase all the data on your drive (but will not remove users or settings). Make sure to back up all your data onto another volume before proceeding. If you are formatting USBShare and wish to back it up first onto another share, LaCie recommends you use the File Browser (see *3.3. Accessing Shares Using File Browser*) instead of using SMB/AFP (i.e. using the Finder for Mac users or an Explorer window for Windows users). LaCie cannot be held for responsible for the loss of data occurring during formatting.
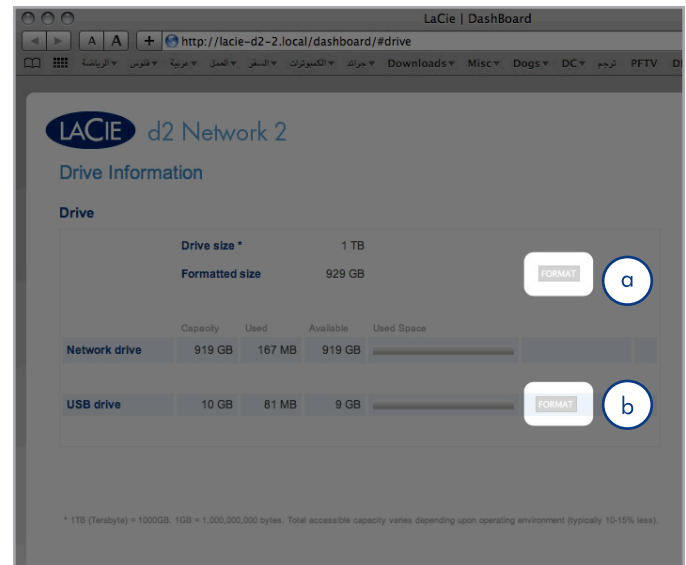
Fig. 62
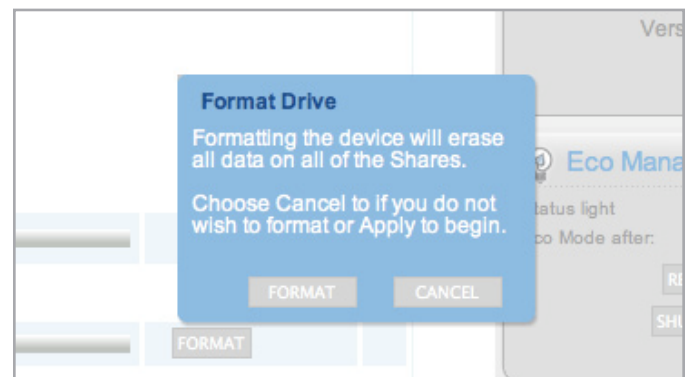
Fig. 63

4.11.2. Modifying the USB Share Capacity

Under the heading USB Drive, click the number under the heading Capacity to modify the amount of capacity to be allocated for the USB access. You can modify this proportion from 0 GB to up to 500 GB (default is 0 GB) (*Fig. 64*).

If you choose to decrease the share size, the volume will be reformatted automatically and all data contained on the volume will be erased. To proceed, confirm your choice in the popup window.

If you choose to increase the USB share size, it is necessary to format the share by clicking the Format button under the USB Drive heading.

IMPORTANT INFO: LaCie strongly recommends you do not increase the USBShare size to more than 128 GB unless you format USBShare to either NTFS or HFS+ using your operating system's native disk utility.
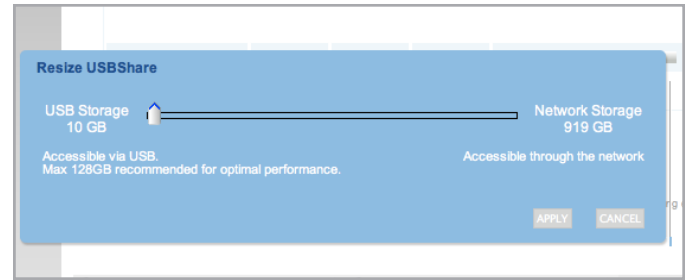
Fig. 64

4.12. Dashboard: Eco Management

Status light on: Uncheck this box to turn off the blue light. Note that this will not disable warning indicators.

Eco Mode after: Set the duration of inactivity after which the drive will revert to Eco mode, which spins down the disks and reducing power consumption. The product leaves Eco mode automatically when a request is sent to the drive.

Deep sleep enable: Deep sleep means that the drive will enter a very low energy consumption mode instead of turning off when you click the Shut Down button (see below). This mode can be triggered by clicking and holding the front blue button. To wake the drive from Deep Sleep Mode, press the blue button or use the Wake on LAN function in the LaCie Network Assistant (see *4.12.2. Wake on LAN*).

IMPORTANT INFO: If Deep Sleep Mode is enabled, clicking the Shut Down button (see below) will cause the drive to enter Deep Sleep Mode, and will NOT switch off the product.

IMPORTANT INFO: When Sleep mode is activated, all processes, including downloads and backups, will be terminated.

Scheduled Switch On: Set the drive to activate deep sleep mode at a certain time to save energy.

Scheduled Switch Off: Set the drive to deactivate deep sleep mode at a certain time to save energy.

UPS Management: See section *4.12.1. UPS Management* for details.

IMPORTANT INFO: After modifying any of the above parameters, click the Apply button.

NOTE: For details on using the multi-function power button, see section *2.5. Power Button Functions*.
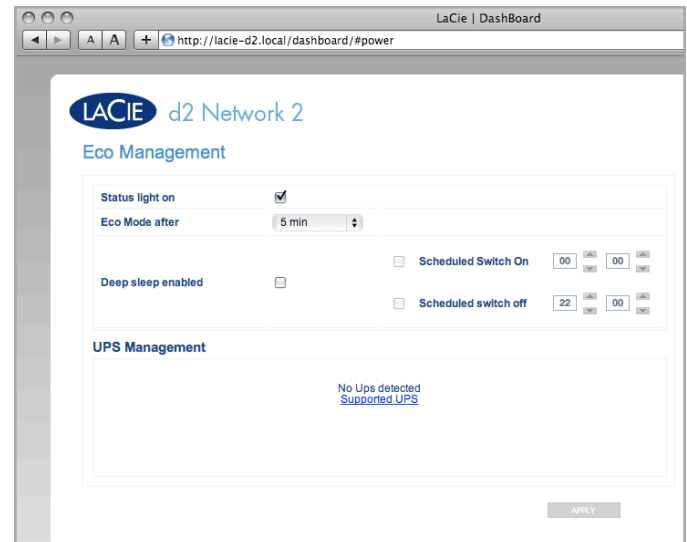
Fig. 65

4.12.1. UPS Management

The d2 Network 2 supports UPS (uninterrupted power supply) man-agement. If you connect a supported UPS device to the d2 Network 2's USB port, in the Dashboard you will see modifiable parameters.

In the left-hand column, a bullet will indicate power supply status.

✦ If green, power is being supplied through the power cable.

✦ If gray, power is not being supplied through the power cable.

On the right, under the heading Battery threshold level (%), you can choose a minimum percentage of battery power at which the d2 Network 2 will automatically enter stand-by mode.

Below, in the case that battery power is completely drain and the drive is automatically shut down, you can elect to have the drive restarted once power has been restored.

NOTE: For a list of supported UPS devices, click the Supported UPS link.
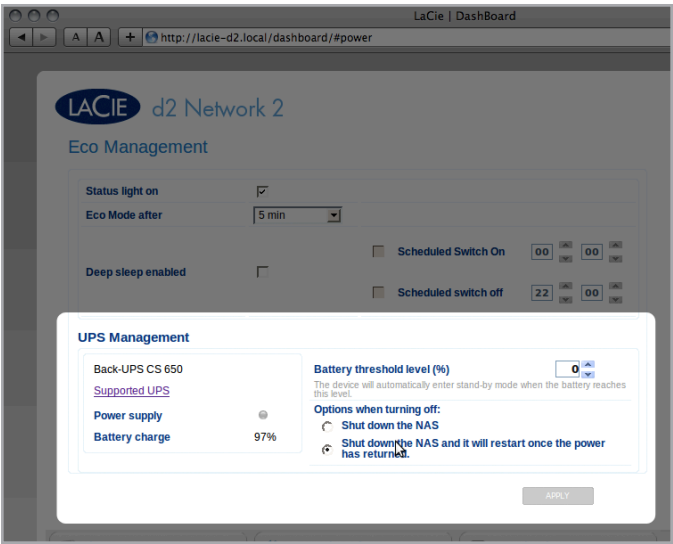
Fig. 66

4.12.2. Wake on LAN

You can use LaCie Network Assistant (LNA) to wake your d2 Network 2.

First time you use WOL:

1. You'll need your drive's MAC address. Click the LNA icon in your system tray (Windows) or menu bar (Mac) and select Configuration Window.... Select then copy the MAC address text (*Fig. 67*).

2. Next, click the LNA icon in your system tray (Windows) or menu bar (Mac) and select Wake Up a Device... (*Fig. 68*).

3. Paste the MAC address into the field and click Wake Up.

Subsequent use:

1. Click the LNA icon in your system tray (Windows) or menu bar (Mac) and select Wake Up a Device... (*Fig. 68*).

2. Choose the NAS product you wish to wake up from the menu (*Fig. 69*).

3. Click Wake Up.
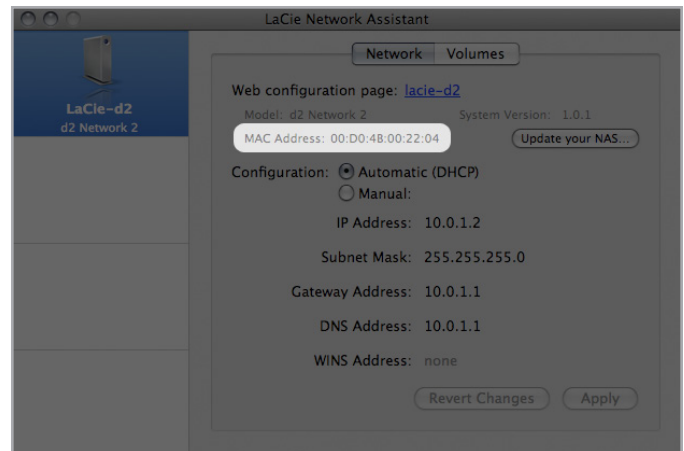
Fig. 67
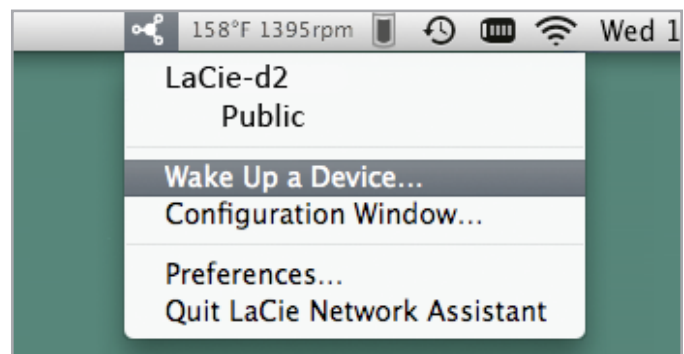
Fig. 68
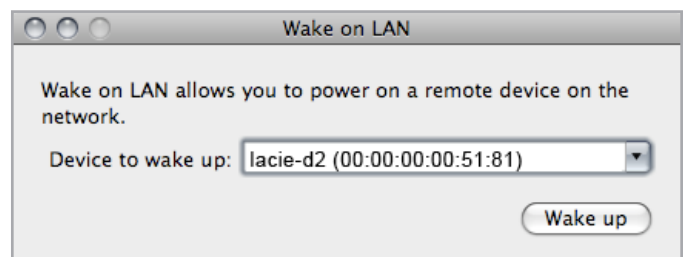
Fig. 69

4.13. Dashboard: Support

The support page will allow you to access the system log and set up email alerts.

System log: Click the Clear button to purge the system log. Click the Download button to save the log to your computer in case you need to provide it to customer support.

Alert notification: If you toggle this box on, when significant events occur with your d2 Network 2, the administrator will automatically be sent an email (if he or she set an email address in the Users page, if the drive has a connection to the internet, and the SMTP configuration has been set up). See *4.13.1. Email Notification Events* for more information.

Auto update: See section *4.17. Update Product Software* for details.
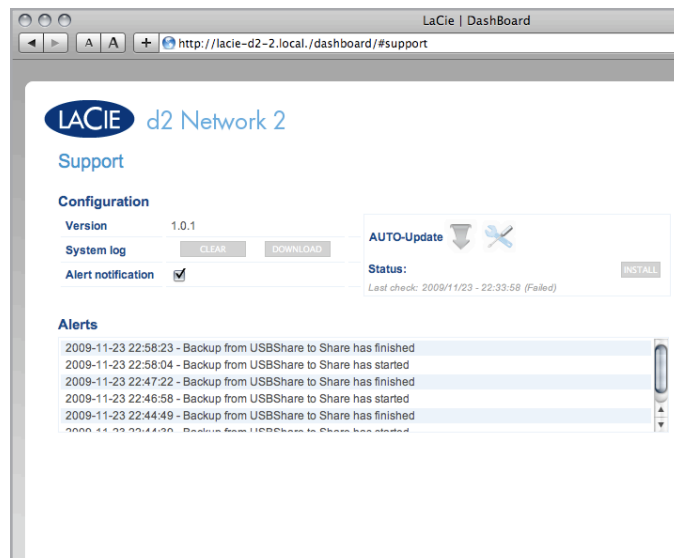
Fig. 70

4.13.1. Email Notification Events

The following events will trigger an email notification if an email address has been provided in the User page:

Event Identifier	Description	Recipient
Capacity	When the total available capacity is less than 10GB	Admin
Quota event	When the user share is more than 80 % full	Relevant user
Download	When a download has completed or when a download error has occurred	Admin or user depending on download owner
Backup	When a backup error occurs	Admin
Temperature	The product has remained at maximum temperature for at least one minute	Admin
Password recovery	A user has recovered his/her password	Admin or user, depending on who made the request

From: "d2 Network 2.0 - LaCie-d2" <jdoe@lacie.com>
Subject: **[LaCie] Password Recovery**
Date: June 9, 2009 5:40:47 PM GMT+03:00
To: jdoe@lacie.com

Host : LaCie-d2
Model : d2 Network 2.0
System Time :   Tue, 09 Jun 2009 14:37:50

For password recovery   Click here

===
[This message is automatically generated by the LaCie email notification service]
www.lacie.com

Fig. 71

4.14. Dashboard: Download

The d2 Network 2 Dashboard features a torrent server that will al-low you to download torrent files (*Fig. 72*). For more information on torrents, see:

http://en.wikipedia.org/wiki/BitTorrent_protocol

1. First click the Start Download Machine button.

2. To start a download, click the green plus sign next the page title (*Fig. 73*).

3. Choose whether the torrent source is a file or a URL, then navi-gate to the source.

4. Choose the destination (i.e., on which share the downloaded file will be stored) and click SUBMIT.

5. The file will begin downloading (can sometimes take a few min-utes to begin).
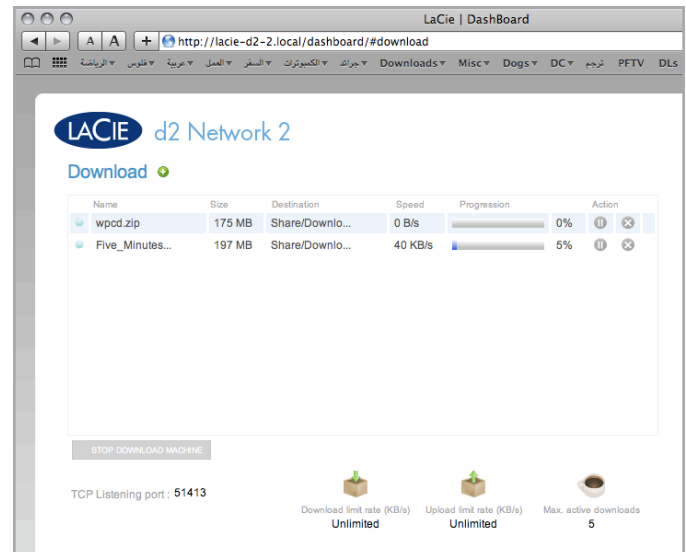
4.14.1. Download Page Settings

TECHNICAL NOTE: The download manager is only available to administrators.

Below the list of downloads are several settings (*Fig. 74*).

TCP Listening port: Choose a router port through which the torrent service will operate.
Download limit rate: Type a number here to restrict maximum down-load rates.
Upload limit rate: Type a number here to restrict maximum upload rates.
Max. active torrents: Type a number here to limit the number of torrents that can download/upload simultaneously. Type zero for no limit.

TECHNICAL NOTE: Because the torrent client service uses band-width and system resources, multiple simultaneous downloads can impact d2 Network 2 performance. Additionally, even after a down-load has completed, it may continue to use system resources if it is uploading, as long as the torrent is active.

Fig. 72
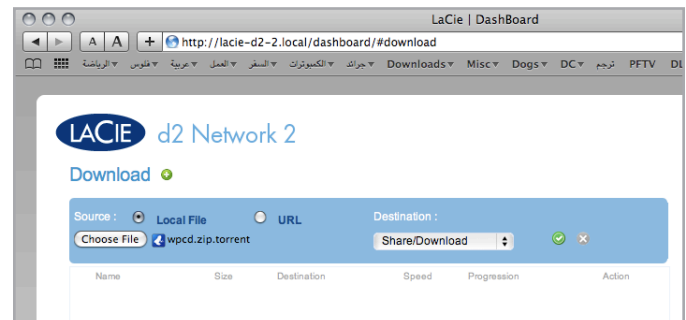
Fig. 73
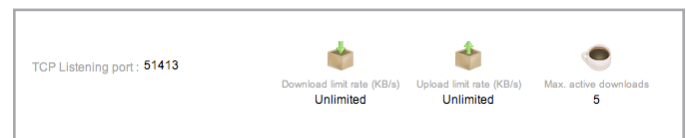
Fig. 74

4.15. Dashboard: Copy

This page will allow administrators to set up backups (*Fig. 75*). In order to use a share for a backup, the user initiating the backup must have Read/Write privileges for that share, or the share must be Public.

4.15.1. Creating a Backup Job

1. Click the green plus sign to the right of the page title ("Jobs List") (*Fig. 76*).

2. Set a Source share (what you want to back up) in the left menu and a Destination share (where you want to save the backup) in the right menu.

3. If you wish, set a time and date for the backup job.

4. After a moment, a message will appear saying that the backup has begun (*Fig. 77*).

5. A message will notify you when the backup is finished.
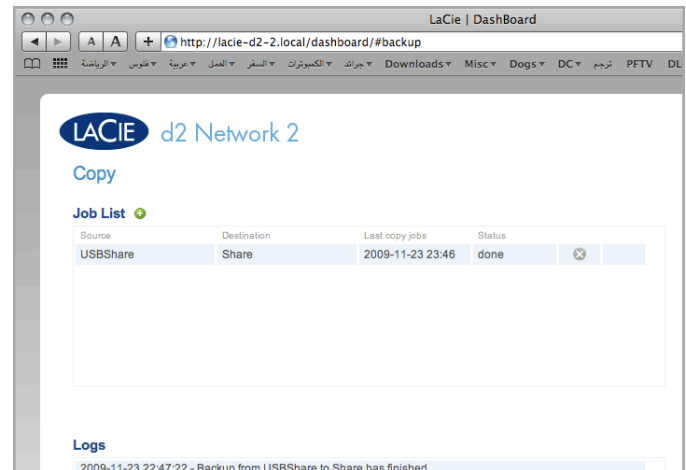
Fig. 75
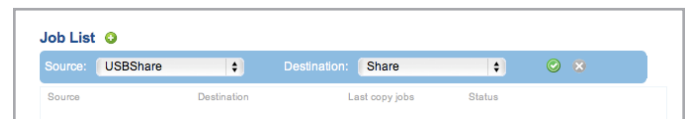
Fig. 76
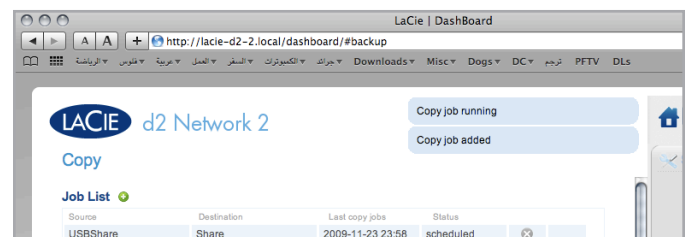
Fig. 77

4.16. Dashboard: External Ports

This page provides you with information on devices connected to the d2 Network 2's USB or eSATA expansion port.

The d2 Network 2 features a printer server. To activate it, click the Activate Printer Server check box. You can connect a USB printer to the d2 Network 2 via the front USB port. Once connected, the printer will become available throughout your network. Correct printer drivers must be installed on the host computer.

IMPORTANT NOTE: For multi-function printers, only the print feature is supported. If your printer has a scan feature, for example, it will not work when connected to the d2 Network 2.

IMPORTANT INFO: Only PostScript printers are supported. If your printer does not display on this page, it is likely that the printer does not support PostScript printing. This is frequently the case with multi-function and photo printers. LaCie can not guarantee that your printer supports the proper protocols to make it a networked printer.

Multimedia Indexation: Click this box if you want your DLNA devices to be able to access files on the external USB or eSATA hard drive connected to the d2 Network 2.

For details on connecting a USB or eSATA hard drive, see *4.16.1. Connecting an External Hard Drive*.
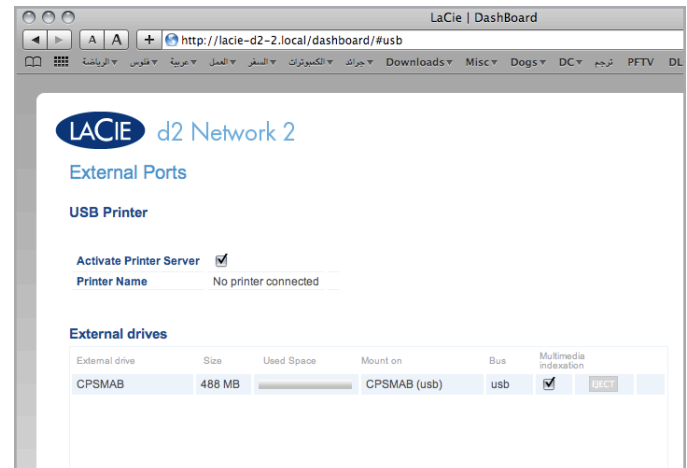
Fig. 78

4.16.1. Connecting an External Hard Drive

You can connect an external USB or eSATA hard disk or USB key to back up the data on your LaCie d2 Network 2 or as a way to add storage capacity. Connected hard disks are accessed similarly to shared folders.

TECHNICAL NOTE: External USB or eSATA hard disks must be formatted in one of the supported systems to be compatible with the LaCie d2 Network 2: MS-DOS (FAT32), NTFS, HFS+, EXT3, or XFS.

To connect an external hard disk:

1. Make sure that your LaCie d2 Network 2 is connected to your home network.

2. Turn on the external hard disk and connect its USB or eSATA cable to the USB port (type A; see *Fig. 79*) on the LaCie d2 Network 2 (*Fig. 79*).

3. In a few seconds, the disk should appear as a share in LaCie Network Assistant and in the Dashboard. To access the files on the hard disk, connect to it like a regular shared folder as described in section *3. Accessing and Transferring Files* (connected USB hard disks are always Public shares and are therefore Read-Write for all users).

To eject an external hard disk:

To unmount an attached USB hard drive, click the Eject button.

IMPORTANT NOTE: The maximum capacity supported for an external drive formatted in MS-DOS (FAT32) is 500 GB. In case the capacity of the connected external drive exceeds this limit, the drive will not be recognized by the d2 Network 2.

IMPORTANT NOTE: The maximum capacity supported for an external drive formatted in any file system is 2TB. Drives with greater capacity will not be recognized by the d2 Network 2.

External USB
Hard Disk
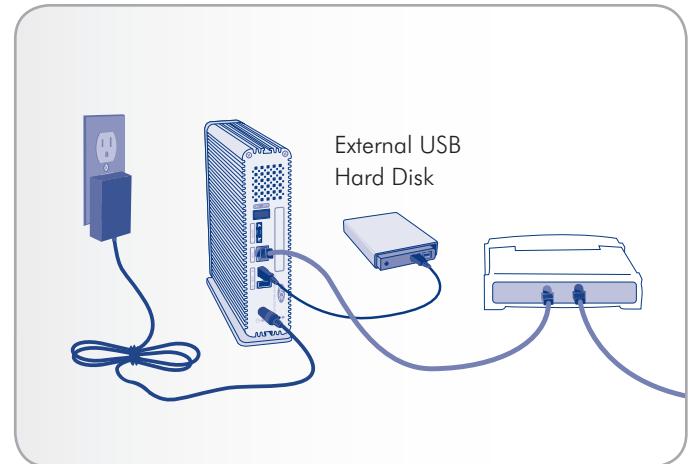
Fig. 79

4.17. Update Product Software

LaCie may improve your network hard drive's software or add new features over time. See below for updating information.

Note that you can always restore your drive to factory defaults by following the procedure in *4.18. Reset to Factory*.

4.17.1. Method 1: Auto-Update

Your network hard drive is by default configured to obtain the latest software updates through the internet. The Support page of your product's Dashboard will check if updates are available and install them if you wish.

Alternatively, if you prefer to update your drive manually or are on a restricted network, you can accomplish this using LaCie Network Assistant (see *4.17.2. Method 2: Update with LaCie Network Assistant Software*).

1. Open Dashboard > Support.

2. In the Auto-Update box, click the gray downward-facing arrow to check for a new update (*Fig. 80*).

3. If an update is available, the download will begin automatically.

4. Once the download has concluded, click the Install button (*Fig. 81*).

5. The drive will reboot and will therefore disappear from the network temporarily (*Fig. 82*). When it reappears, you can verify the new software version on Dashboard > Support.
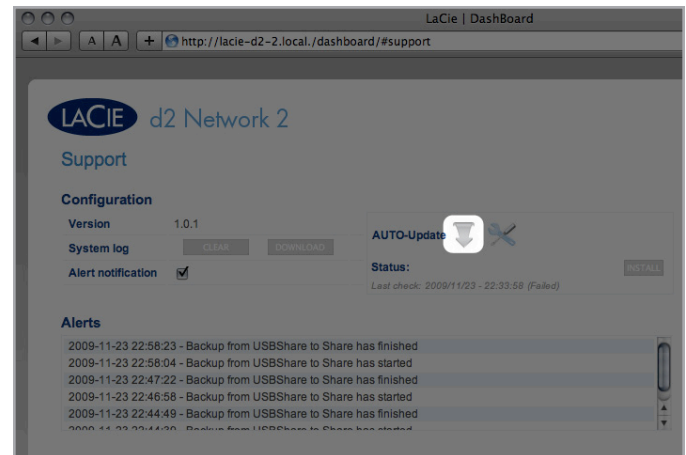
Fig. 80
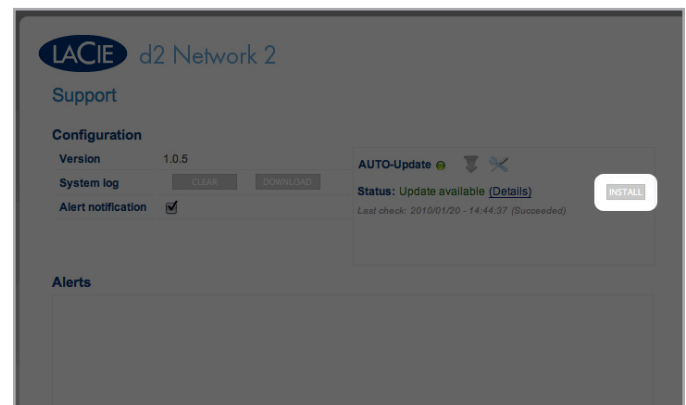
Fig. 81
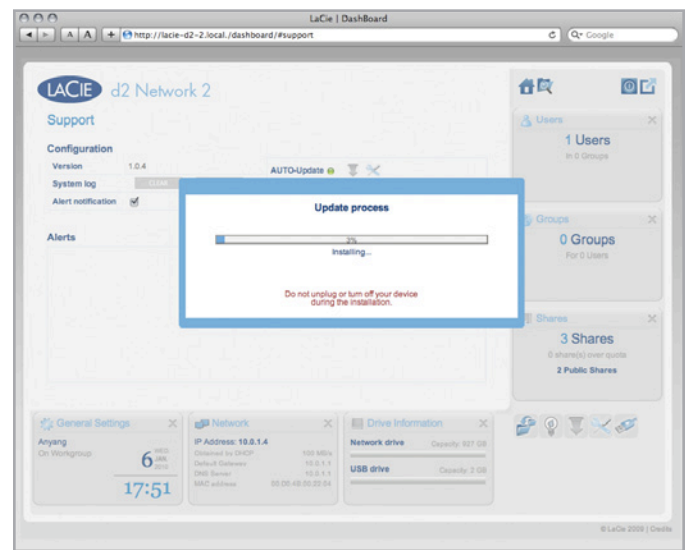
Fig. 82

4.17.2. Method 2: Update with LaCie Network Assistant Software

This update procedure will not erase your configuration or files saved to the drive.

Recommendations for Updating Using LaCie Network Assistant

✦ Connect your PC or Mac to the network using an Ethernet cable (turn off wireless connection)
✦ Make sure users on your network have stopped data transfers to the NAS
✦ Turn off other NAS on the network except the one you wish to update
✦ Disconnect all connections to shares on the NAS you want to update

1. Make sure you are using the latest version of LaCie Network Assistant (minimum 1.4.1). If you download a newer version, make sure to uninstall previous versions.

2. Download the latest software update for your product from here.

3. Run LaCie Network Assistant.

4. Go to Preferences and make sure IPConf Support is deactivated (*Fig. 83*).

5. Select your product from the list on the left and click on the Update your NAS button (*Fig. 84*). Enter your admin username and password.

6. Browse to and load the update package (.capsule file) you downloaded (*Fig. 85*).

7. Click on Continue... to begin update. Mac users may have to type in their administrator's password.

8. Once the update is complete, verify the update: Click the LNA logo in the menu bar (Mac) or task bar (Windows) and select Configuration Window. Click the Network tab, where the system version will be listed.

9. If the update has failed despite the network precautions listed in the box above, connect the drive directly to your computer using the Ethernet cable, then try again.
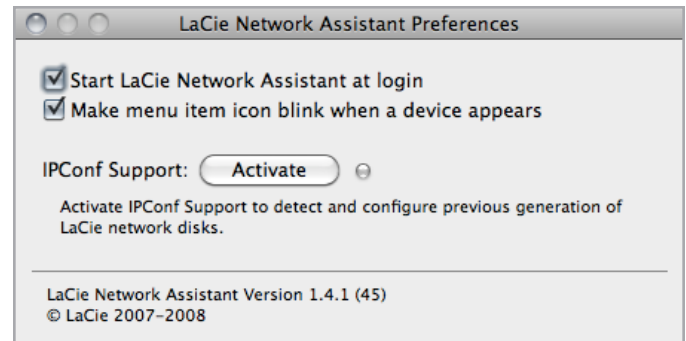
Fig. 83
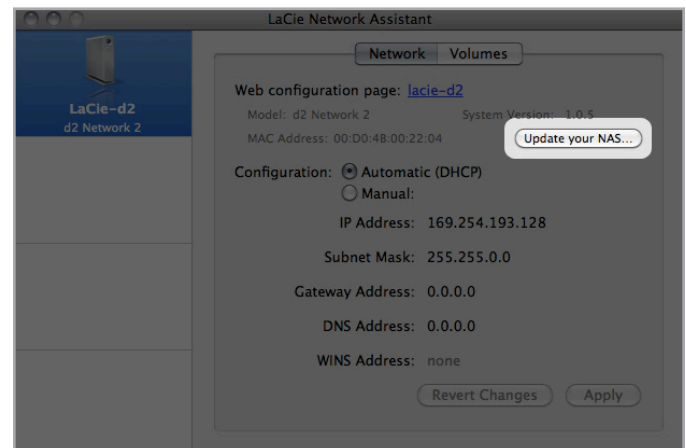
Fig. 84
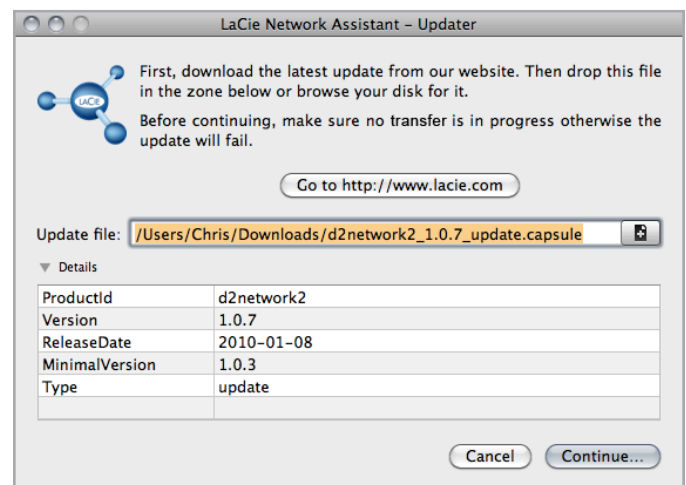
Fig. 85

4.18. Reset to Factory

If for any reason you wish to reset your d2 Network 2 to its out-of-the-box state, follow this procedure:

CAUTION: Resetting the product will erase all Dashboard data such as users, groups, shares, and settings.

CAUTION: After resetting to default, all files will be moved to a folder called Recovery in Share and so by default will be available only to the administrator.

1. Make sure to switch the Power Button to OFF.

2. Press and hold the blue front button.

3. While continuing to hold down the blue front button, switch the power button to ON. The front blue button will blink blue and red.

4. Continue to hold down the blue front button until the blue button is solid red. Release the blue front button. It will blink blue.

5. When the blinking stops, push (but don't hold the front blue button. The drive will reboot.

5. Technical Information

5.1. Optimizing Data Transfers

Data transfers are the flow of data that accomplishes a task, usually related to moving data from storage to computer RAM, or between storage devices. With external drives, such as the d2 Network 2 connected via USB cable, NOT Ethernet cable), the data is transferred from the drive to the computer via the USB interface. The data is fed from the drive through the USB port (type B) on the drive, and passes to the computer through the USB host-bus adapter interface.

USB

To utilize the enhanced Hi-Speed USB 2.0 performance, your computer must be equipped with a Hi-Speed USB 2.0 host bus adapter card (either sold separately, or integrated by your computer's manufacturer) and the appropriate drivers. These host bus adapter cards, which include one or more USB ports, are shipped with special Hi-Speed USB 2.0 drivers that enable the computer to control the card. These drivers must be installed in order for USB 2.0 devices connected to the port to work at their correct speeds.

Computers running Mac OS X, Windows XP, Windows 7, and Windows Vista automatically manage Hi-Speed USB 2.0 devices and drivers.

Contact your LaCie reseller or LaCie Customer Support for information about Hi-Speed USB 2.0 PCI or PC Cards, or visit our Web site: www.lacie.com.

6. Troubleshooting

In the event that your LaCie d2 Network 2 is not working correctly, please take a look at the following Troubleshooting sections and at the FAQs published on our web site – www.lacie.com. One of these FAQs may provide an answer to your specific question. You can also visit the downloads page, where the most recent software updates will be available:

www.lacie.com/support/downloads

If you need further assistance, please contact your LaCie reseller or LaCie Technical Support (see section *7.1. LaCie Technical Support Contacts* for details).

6.1. System Log

The system log allows you to review the type, date, time, source and event ID of activities on the LaCie d2 Network 2. Additionally, if you ever need help from LaCie technical support, the log will be important. For more information, refer to chapter *4.13. Dashboard: Support*.

6.2. Manual Updates

LaCie strives to give you the most up-to-date, comprehensive user manuals possible. It is our goal to provide you with an easy-to-use format that will help you quickly install and utilize the many functions of your new device.

If your manual does not reflect the configurations of the product that you purchased, please check our website for the most current version available.

www.lacie.com

6.3. Troubleshooting the Network Connection

Problem	Question	Solution
The USB drive/key or USB printer connected to the USB expansion port is not recognized.	Is the drive connected to your computer via USB type B?	Devices connected to the USB expansion port (hard drive or printer) are automatically unmounted when you connect the USB cable to the USB host port. To make the hard drive or printer accessible, disconnect the drive from your computer and connect it to the network using the Ethernet cable.
I connected a USB drive to the USB expansion port Type A, but the drive does not mount and is not listed in the LNA.	Is the USB drive formatted in MS-DOS (FAT32) and is its capacity more than 500 GB?	Reformat the drive in a different file format.
The system is not recognized by the computer.	Does your computer's configuration meet the minimum system requirements?	Check section *1.1. Minimum System Requirements* for more information.
	Is the system's power supply connected and is the blue light on the front of the drive on?	Make sure that the power supply is properly connected (see section *2.2. STEP 2: Connect the Ethernet Cable* for details); that the system has been powered on pushing the button on the back; and that the outlet the power supply is connected to is powered on or has a sufficient supply of power.
	Is the blue light on the front of the device flickering for an inordinate period of time?	If the blue light is flickering or will not turn on, the power supply may be defective. Please contact your LaCie reseller or LaCie Customer Support.
	Did you follow the correct installation steps?	Review the installation steps (*2. Connecting to a Network*).
	Are both ends of the Ethernet cable firmly connected?	Disconnect the Ethernet cable, wait 10 seconds and then reconnect. Ensure that the interface connectors are properly aligned. The Ethernet cable can only be inserted one way. Make sure it is correctly oriented. Check that the Ethernet connectors are straight and fully seated in the Ethernet ports. Make sure that you use the Ethernet cord provided in the LaCie d2 Network 2 box.
The system doesn't appear on the network.	By default the LaCie d2 Network 2 is configured to retrieve its IP address from a DHCP server. If your network is managed by a DHCP server and you cannot access your LaCie d2 Network 2, try checking your DHCP server's log. To get the IP address, run LaCie Network Assistant, which is located on the LaCie Storage Utilities CD-ROM. If no DHCP server detected, the product will run APIPA to assign itself an IP address. To change this IP address, use LaCie Network Assistant.	
	Is the IP address properly set?	For more information, please see section *4.10. Dashboard: Network*.
	Does your network require devices to be assigned a static IP address?	To assign a static IP address, see section *2.6. Assigning a Static IP Address*.

A user does not have access to the LaCie d2 Network 2.	Has the administrator created an account for the user?	In order for a another user to access the LaCie d2 Network 2, two conditions must be met: 1) the administrator must create and provide the user with username and password; 2) the LaCie d2 Network 2 must be connected to the network via Ethernet for users to access the drive.
I can not access my account. I enter my login and password and receive an error message.	Is your password correct?	If you input an email address in the User page, you can retrieve your password. To do this, click on the "forgot my password" link on the login page. Follow the instructions to complete the retrieval.
I've noticed a delay in accessing the shares.	Are you transferring multiple files simultaneously?	Access to a share can slow down during simultaneous file transfers.
I cannot see the media files stored in the LaCie d2 Network 2 on my UPnP AV media player or adapter.	Are the media files stored on a public share?	UPnP AV devices will only discover media files stored on public shares. Files stored in non-public shares are not accessible to UPnP devices.

6.4. Troubleshooting the USB Connection

6.4.1. Mac Users

Problem	Question	Solution
The USB drive/key or USB printer connected to the USB expansion port is not recognized.	Is the drive connected to your computer via USB?	Devices connected to the expansion USB device port (hard drive or printer) are automatically unmounted when you connect the USB cable to the host USB host port. To make the hard drive or printer accessible, disconnect the drive from your computer and connect it to the network using the Ethernet cable.
The drive is not recognized by the computer.	Does an icon for the drive appear on the desktop?	There should be an icon for the LaCie drive on the desktop (unless you've set the Finder preference not to show External disks on the desktop). If the drive does not appear, follow the rest of the Troubleshooting tips to isolate the problem.
	Does your computer's configuration meet the minimum system requirements for use with this drive?	See section *1.1. Minimum System Requirements* for more information. Also, try changing the computer you are using. Computer problems can manifest themselves in many ways. Even if the computer appears to be working properly, this is a worthwhile test.
	Is the drive's power supply connected?	Make sure that the power supply is properly connected (see section *3.4.2. STEP 2: Turn On the Drive*) and that the outlet the power supply is connected to is working.
	Did you follow the correct installation steps for the USB connection?	Review the installation steps in section *3.4. Accessing Shares via USB*.
	Are both ends of the USB cable securely attached?	Only use a USB cable provided by LaCie. Check both ends of the USB cable to make sure they are fully seated in their respective ports. Try disconnecting the cables, waiting 10 seconds, and then reconnecting them. If the drive is still not recognized, restart your computer and try again.
	Is there a conflict with other device drivers or extensions?	Contact LaCie Technical Support for help.
You receive error messages when copying files to the drive.	Did you get an "Error –50" message while copying to drive when connected via USB?	When you connect the d2 Network 2 to a computer via USB, the USB share of the drive that mounts on the computer is formatted in MS-DOS (FAT32). Under this format, file names with certain characters cannot be copied. These characters include, but are not limited to: ? < > / \ : Check your files and folders to ensure that these types of characters are not being used.

I cannot copy a file larger than 4 GB to the drive.	Are you connected to the computer via USB?	When you connect the d2 Network 2 to a computer via USB, the USB share of the drive that mounts on the computer is formatted in MS-DOS (FAT32). This format limits file sizes to 4 GB. To transfer >4GB files to the d2 Network 2, disconnect the USB cable and connect the Ethernet cable. See sections *3.4.3. Disconnecting the USB Connection* then *2. Connecting to a Network*. Alternatively, you can reformat the USBShare to HFS+, which permit larger file sizes (see section *4.11. Dashboard: Drive Information*).
The drive is not running noticeably faster when connected via Hi-Speed USB 2.0.	Is the drive connected to a standard USB port on your computer?	If your drive is connected to a standard USB port, this is normal. A Hi-Speed USB 2.0 device can only operate at Hi-Speed USB 2.0 performance levels when it is connected directly to a Hi-Speed USB 2.0 port. Otherwise, the Hi-Speed USB 2.0 device will operate at the slower USB transfer rates. For more information, please see sections *5.1. Optimizing Data Transfers*.
	Does your computer or operating system support Hi-Speed USB 2.0?	See sections *1.1. Minimum System Requirements* and *5.1. Optimizing Data Transfers* for more information.
The capacity of the disk is not the total one written on the packaging.	When you connect the drive to your computer via USB, only a portion of the total capacity is available. Up to 500GB are allocated for the USB connection (for the Share named USBShare) and the remaining capacity is dedicated for the Ethernet connection. This can be modified; see *4.11. Dashboard: Drive Information*.	
The drive is making clicking noises.	Is the sound "soft clicking" or "hard clicking"? *Soft clicking* can be the normal sound of the drive working. If the drive is functional, this is normal. Drives do not typically give an indication of any problems prior to failure, so it does not mean it is about to fail if the drive is making a clicking sound and still functioning. If the drive is non-functional, there are two possible causes: ✦ The drive could be corrupted. Reformatting the drive can solve this issue. ✦ The drive could have a failure in the external power supply or power cable. Try using a different one, if possible. *Hard clicking* is a very noticeable sound, and is akin to hearing metal-on-metal impacts. This behavior usually indicative of a physical failure. If nothing traumatic happened to the drive prior to this starting, consider it to be soft clicking, and troubleshoot the problem as suggested above.	

6.4.2. Windows Users

Problem	Question	Solution
The USB drive/key or USB printer connected to the USB expansion port is not recognized.	Is the drive connected to your computer via USB?	Devices connected to the expansion USB device port (hard drive or printer) are automatically unmounted when you connect the USB cable to the host USB host port. To make the hard drive or printer accessible, disconnect the drive from your computer and connect it to the network using the Ethernet cable.

The drive is not recognized by the computer.	Does your computer's operating system support the file system?	Check your computer's documentation and see section 6. Reformatting the d2 Network 2.
	Is there an icon for the drive in My Computer?	Go into My Computer and look for an icon and drive letter assigned to the LaCie drive. If the drive does not appear, follow the rest of the Troubleshooting tips to isolate the problem. Go into My Computer and look for an icon and drive letter assigned to the LaCie drive. If the drive does not appear, follow the rest of the Troubleshooting tips to isolate the problem.
	Does your computer's configuration meet the minimum system requirements for use with this drive?	See section *1.1. Minimum System Requirements* for more information. Also, try changing the computer you are using. Computer problems can manifest themselves in many ways. Even if the computer appears to be working properly, this is a worthwhile test.
	Is the drive's power supply connected?	Make sure that the power supply is properly connected (see section *3.4.2. STEP 2: Turn On the Drive*) and that the outlet the power supply is connected to is working.
	Did you follow the correct installation steps for the USB connection	Review the installation steps in section *3.4. Accessing Shares via USB*.
	Are both ends of the USB cables firmly attached?	Check both ends of the USB cable to make sure they are fully seated in their respective ports. Try disconnecting the cables, waiting 10 seconds, and then reconnecting them. If the drive is still not recognized, restart your computer and try again.
	Is there a conflict with other device drivers or extensions?	Contact LaCie Technical Support for help.
I cannot copy a file larger than 4 GB to the drive.	Are you connected to the computer via USB?	When you connect the d2 Network 2 to a computer via USB, the USB share of the drive that mounts on the computer is formatted in MS-DOS (FAT32). This format limits file sizes to 4 GB. To transfer >4GB files to the d2 Network 2, disconnect the USB cable and connect the Ethernet cable. See sections *3.4.3. Disconnecting the USB Connection* and *2.2. STEP 2: Connect the Ethernet Cable*. Alternatively, you can reformat the USB Share to NTFS, which permits larger file sizes (see section *4.11. Dashboard: Drive Information*).
	Is the drive connected to a standard USB port on your computer?	If your drive is connected to a standard USB port, this is normal. A Hi-Speed USB 2.0 device can only operate at Hi-Speed USB 2.0 performance levels when it is connected directly to a Hi-Speed USB 2.0 port. Otherwise, the Hi-Speed USB 2.0 device will operate at the slower USB transfer rates. For more information, please see sections *5.1. Optimizing Data Transfers*.
	Does your computer or operating system support Hi-Speed USB 2.0?	See sections *1.1. Minimum System Requirements* and *5.1. Optimizing Data Transfers* for more information.
The capacity of the disk is not the total one written on the packaging.	When you connect the drive to your computer via USB, only a portion of the total capacity is available. Up to 500GB are allocated for the USB connection (for the Share named USBShare) and the remaining capacity is dedicated for the Ethernet connection. This can be modified; see *4.11. Dashboard: Drive Information*.	

The drive is making clicking noises.	Is the sound "soft clicking" or "hard clicking"?
	Soft clicking can be the normal sound of the drive working. If the drive is functional, this is normal. Drives do not typically give an indication of any problems prior to failure, so it does not mean it is about to fail if the drive is making a clicking sound and still functioning. If the drive is non-functional, there are two possible causes:
	✦ The drive could be corrupted. Reformatting the drive can solve this issue.
	✦ The drive could have a failure in the external power supply or power cable. Try using a different one, if possible.
	Hard clicking is a very noticeable sound, and is akin to hearing metal-on-metal impacts. This behavior usually indicative of a physical failure. If nothing traumatic happened to the drive prior to this starting, consider it to be soft clicking, and troubleshoot the problem as suggested above.

7. Contacting Customer Support

Before You Contact Technical Support

1. Read the manuals and review section *6. Troubleshooting*.

2. Try to isolate the problem. If possible, make the drive the only external device on the CPU, and make sure that all of the cables are correctly and firmly attached.

If you have asked yourself all of the pertinent questions in the troubleshooting checklist, and you still can't get your LaCie drive to work properly, contact us at www.lacie.com. Before contacting us, make sure that you are in front of your computer and that you have the following information on hand:

Information	Location
1. LaCie hard drive serial number	Located on a sticker next to one of the product feet.
2. Macintosh/PC model 3. Operating system version 4. Processor speed 5. Computer memory	Mac users: Click on the Apple icon in the menu bar and select About This Mac. Windows users: Right click My Computer and select Properties > General.
6. The brands and models of other internal and external peripherals installed on your computer	Mac users: Click on the Apple icon in the finder bar and select About This Mac. Select More Info… The Apple System Profiler will launch and will list your internal and external peripherals. Windows users: Right click My Computer and select Properties > Hardware.
7. Web browser type and version	Mac users: Click application name in menu bar and select About [product] Windows users: Click Help and then About [product]

7.1. LaCie Technical Support Contacts

LaCie Asia http://www.lacie.com/cn/contact/	LaCie Australia http://www.lacie.com/au/contact/
LaCie Belgium http://www.lacie.com/be/contact/ (Dutch) http://www.lacie.com/befr/contact/ (French)	LaCie Brazil http://www.lacie.com/us/contact/
LaCie Canada http://www.lacie.com/ca/contact/ (English) http://www.lacie.com/cafr/contact/ (French)	LaCie Denmark http://www.lacie.com/dk/contact/
LaCie Finland http://www.lacie.com/fi/contact/	LaCie France http://www.lacie.com/fr/contact/
LaCie Germany http://www.lacie.com/de/contact/	LaCie Ireland http://www.lacie.com/ie/contact/
LaCie Italy http://www.lacie.com/it/contact/	Japan – Elecom CO., LTD. http://www.lacie.com/jp/contact/
LaCie Korea http://www.lacie.com/kr/contact/	LaCie Latin America http://www.lacie.com/la/contact/
LaCie Netherlands http://www.lacie.com/nl/contact/	LaCie Norway http://www.lacie.com/no/contact/
LaCie Portugal http://www.lacie.com/pt/contact/	LaCie Singapore http://www.lacie.com/asia/contact/
LaCie Southeast Asia http://www.lacie.com/sea/contact/	LaCie Spain http://www.lacie.com/es/contact/
LaCie Sweden http://www.lacie.com/se/contact/	LaCie Switzerland http://www.lacie.com/ch/contact/ (German) http://www.lacie.com/chfr/contact/ (French) http://www.lacie.com/chit/contact/ (Italian)
LaCie UK http://www.lacie.com/uk/contact/	LaCie USA http://www.lacie.com/us/contact/ (English) http://www.lacie.com/uses/contact/ (Spanish)
LaCie Grand Export http://www.lacie.com/intl/contact/	

8. Warranty Information

This Limited Warranty applies only to hardware products manufactured by or for LaCie that can be identified by the "LaCie" trademark, trade name, or logo affixed to them. The Limited Warranty does not apply to any non-LaCie hardware products or any software, even if packaged or sold with LaCie hardware. Manufacturers, suppliers, or publishers, other than LaCie, may provide their own warranties to the end user purchaser, but LaCie, in so far as permitted by law, provides their products "as is". Software distributed by LaCie with or without the LaCie brand name (including, but not limited to system software) is not covered under this Limited Warranty. Refer to the licensing agreement accompanying the software for details of your rights with respect to its use.

LaCie does not warrant that the operation of the product will be uninterrupted or error-free. LaCie is not responsible for damage arising from failure to follow instructions relating to the product's use. This warranty does not apply:

✦ to consumable parts, unless damage has occurred due to a defect in materials or workmanship;

✦ to cosmetic damage, including but not limited to scratches, dents and broken plastic on ports;

✦ to damage caused by use with non-LaCie products;

✦ to damage caused by accident, abuse, misuse, flood, fire, earthquake or other external causes;

✦ to damage caused by operating the product outside the permitted or intended uses described by LaCie;

✦ to damage caused by service (including upgrades and expansions) performed by anyone who is not a representative of LaCie or a LaCie Authorized Service Provider;

✦ to a product or part that has been modified to alter functionality or capability without the written permission of LaCie; or

✦ if any LaCie serial number on the product has been removed or defaced.

To obtain warranty service, call LaCie Technical Support. You will be asked to provide your LaCie product's serial number, and you may be asked to furnish proof of purchase to confirm that the drive is still under warranty.

All drives returned to LaCie must be securely packaged in their original box and shipped with postage prepaid.

IMPORTANT INFO: Register online for free technical support: www. lacie.com/register