

Freecom Classic SL Network Drive

EXTERNAL HARD DRIVE



Rev.503

Dear customer.

Thank you for purchasing the Freecom Classic SL Network Drive -
Network storage via Ethernet made possible through **NDAS** technology!

This User Manual is intended to help you install the Classic SL Network Drive quickly and easily onto your Personal Computer or Ethernet Network. Please read the instructions carefully.

Freecom Technologies • Germany
www.Freecom.com

Warning !

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Warning! This device is equipment complying with EN55022 class A. This equipment can cause radio disturbances in a residential area. If this is the case, the user has to take appropriate measures and assume all responsibility and costs for. It may not be used near or with any life-sustaining systems.

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Chapter 1: Introduction

1.1 Package Contents

The following items are included in the **Classic SL Network Drive** package:

- Classic SL Network Drive
- Power adapter
- Manual and Software Installation CD
- Ethernet Cable
- USB Cable
- Warranty card

1.2 Minimum System Requirements

Windows® 98SE / Me / 2000 / XP

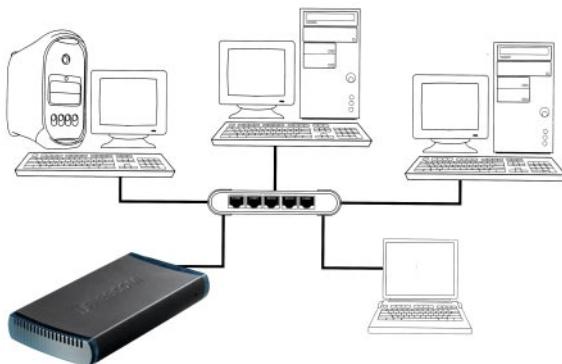
- 233 MHz Pentium® II or higher
- 64 MB RAM (128 MB recommended)
- USB 1.1 Port (USB 2.0 recommended)
- CD-ROM drive for installation
- 100Base-T full duplex switch for NDAS mode

Mac® OS X

- Mac OS X 10.3 or higher
- 128 MB RAM (256 MB recommended)
- USB 1.1 Port (USB 2.0 recommended)
- CD-ROM drive for installation
- 100Base-T full duplex switch for NDAS mode
- MAC OS X requires the drive formatted in FAT-32

1.3 Classic SL Network Drive Setup Overview

Classic SL Network Drive



NDAS (Ethernet) mode



USB-mode

Chapter 2: Cable Installation



Warning: Do not connect USB cable and Ethernet cable at the same time.

2.1 NDAS (Ethernet) Mode

Classic SL Network Drive

1. Connect the included Ethernet cable from the Ethernet port on the Classic SL Network Drive to a switch (100 Base-T full duplex).
Wireless users: Connect Classic SL Network Drive to your wireless router or access point with the included Ethernet cable.
2. Make sure the power connector is firmly attached to the Classic SL Network Drive and connect the power adapter to a power source.
3. Slide the On/Off Switch to ON position.

2.2 USB Mode

Classic SL Network Drive

1. Connect the included USB cable from the USB port on the Classic SL Network Drive to your PC's USB port.
2. Make sure the power connector is connected firmly to the Classic SL Network Drive and connect the power adaptor to a power source.
3. Slide the On/Off Switch to ON position.

Chapter 3: Software Installation

3.1 For Windows XP and Windows 2000

Installation of the Classic SL Network Drive software is simple and easy. Insert the included "Classic SL Network Drive Manual & Software Installation CD" into your CD-ROM Drive and select the Drive Sharing and Classic SL Network Drive Mode. You will be guided through the installation.

Network Drive Mode:

NDAS mode: Select NDAS mode to share the Classic SL Network Drive with users on the network.

Drive Sharing:

Select a Drive Sharing Mode that is best for your environment:

- **Multi OS:**

- Classic SL Network Drive can be shared within a mixed network of Windows98/Me/2000/XP and Apple Macintosh computers
- Multiple PC's can have Read Only access simultaneously
- Write access is assigned to one user at a time and is passed from one user to another.
- Fastest performance

- **Multi-Write:**

- Windows2000/XP environment
- Multiple PC's can have Read and Write access simultaneously

USB 2.0 Mode: Select USB mode to use the Classic SL Network Drive as a portable external hard drive for your PC.

3.2 For Windows 98 SE and Windows ME

For the latest software and drivers, visit www.freecom.com

NDAS Mode

Insert the included "Classic SL Network Drive Installation CD" into your CD-ROM Drive. You will be guided through the installation.

USB 2.0 Mode

Follow the instructions below:

Step 1



If this is your first time installing the Classic SL Network Drive, the "Add New Hardware Wizard" will appear. Click "Next" and follow the instructions on your screen.

If you have already previously installed the Classic SL Network Drive, the Classic SL Network Drive will be listed as a local drive in "My Computer". Drive letter and name may vary between Personal Computers.

Step 2



Select "Search for the best driver for your device".
Click "Next".

Step 3

Make sure that the checkbox "CD-ROM drive" is activated. Continue by clicking on "Next".

Step 4

Click "Next".

Step 5

Driver has been successfully installed, click "Finish".

3.3 Classic SL Network Drive Administrator

When the software installation is completed, you will find a Classic SL Network Drive Launcher Icon on your desktop screen and a Classic SL Network Drive Administrator Tool icon on the system tray.

- Classic SL Network Drive Launcher (desktop icon) activates and loads the Classic SL Network Drive Administrator Tool onto the system tray.
- Classic SL Network Drive Administrator Tool (system tray icon) performs the following functions:
 - Refresh Classic SL Network Drive Status
 - Add a Classic SL Network Drive
 - Display Software Version
 - Enable Read / Write Access
 - Enable Read Only Access
 - Disable Classic SL Network Drive
 - Edit Classic SL Network Drive Name
 - Display Classic SL Network Drive Properties

NOTE: Classic SL Network Drive Launcher is used only on Windows XP and Windows 2000.

Chapter 4: Drive Registration

4.1 Add / register a New Classic SL Network Drive

1. Click "Classic SL Network Drive Administrator Tool" Icon  located on the system tray.
2. Select "New Classic SL Network Drive".
3. Register a Classic SL Network Drive.



- **Classic SL Network Drive Name:** (optional) Select a name for your Classic SL Network Drive
- **Classic SL Network Drive ID:** Enter the 20-digit Classic SL Network Drive ID located on the bottom of your Classic SL Network Drive.
- **Write Key:** (optional) Enter the 5-digit Write Key located on the bottom of your Classic SL Network Drive.

Write Key must be registered to write to Classic SL Network Drive.

NOTE: Classic SL Network Drive ID and Write Key do not contain the letter O. Please use the number 0 (zero), for all 0's.

4. Click "Add".
5. Click "OK" to confirm the Classic SL Network Drive registration.
 - If the "Write Key" was entered in the previous step, the Classic SL Network Drive is registered as "Read / Write Mode".
 - If the "Write Key" was not entered in the previous step, the Classic SL Network Drive is registered as "Read Only Mode".
6. "Found New Hardware Wizard"
 - This window may or may not appear.
 - If the "Found New Hardware" window appears, follow the instructions and install the new Classic SL Network Drive.

NOTE: For Windows 2000, the "Upgrade Device Driver Wizard" will appear instead.

7. "Windows Digital Signature" window.

Windows 2000



Click "Yes"

Windows XP



Click "Continue Anyway"

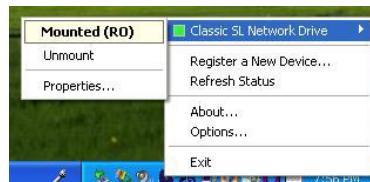
8. Registration is completed.

Click "Classic SL Network Drive Administrator Tool" to see the registered Classic SL Network Drive.

Read/Write Mode



Read Only Mode



4.2 Using Classic SL Network Drive

Now that you have successfully installed the Freecom Classic SL Network Drive, please familiarize yourself with using the Classic SL Network Drive. The Classic SL Network Drive is located in "My Computer" as a local drive. Drive letter and Classic SL Network Drive name may vary between different Personal Computers.

You can use Classic SL Network Drive like a local drive on your PC.

- Drag and drop files to Classic SL Network Drive.
- Copy and paste data to Classic SL Network Drive.
- Make and delete folders.
- Share files and folders.
- Backup your data.

4.3 Sharing Classic SL Network Drive

When the Classic SL Network Drive is connected to your network, it can be accessed from any computer on this network. To share the Classic SL Network Drive, the following must be done:

Windows 2000/XP Environment:

- All computers and Classic SL Network Drive must be on the same LAN.
- Classic SL Network Drive must be connected via Ethernet or Wireless Access Point.
- To share **Read and Write** access, all computers on the network using the Network Disk must have the Classic SL Network Drive driver version 3.x.x installed.
- Classic SL Network Drive must be registered onto each computer.

Mixed Environment with Windows and Mac:

- All computers and Classic SL Network Drive must be on the same LAN.
- Classic SL Network Drive must be connected via Ethernet or Wireless Access Point.
- To share Classic SL Network Drive each computer on the network must install the corresponding Classic SL Network Drive Driver.
- On Windows XP/2000, install Classic SL Network Drive driver v2.4 (do not use 3.x.x).
- On Windows 98 SE/ME, install Classic SL Network Driver 1.x
- On Mac OSX, install Classic SL Network Drive driver 1.x
- Classic SL Network Drive must be registered onto each computer.
- **Write access is assigned to one user at a time and is passed from one user to another.**

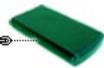
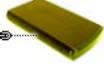
NOTE: Classic SL Network Drive is preformatted in NTFS. In order to use Classic SL Network Drive in mixed environments, Classic SL Network Drive must be formatted in FAT32. If you use the "Disk Management" utility in Windows XP or 2000 to format your Classic SL Network Drive, then your Classic SL Network Drive will be re-formatted in NTFS. NTFS is not a compatible file system format with Mac and Windows 98SE / Me, thus your computers on these OS will not recognize Classic SL Network Drive. You can use a third party format utility to choose the file format your Classic SL Network Drive is formatted in.

Warning:

- **Do not perform disk operations (format, partition and chkdsk) when multiple PCs are connected.**
- **Classic SL Network Drive can be formatted, partitioned, chkdsk, aggregated or mirrored only when one PC is connected.**
- **When sharing Classic SL Network Drive between Windows 2000 and Windows XP, perform chkdsk.**

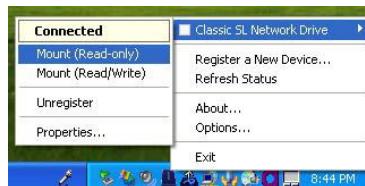
Chapter 5: Status and Mode Indicator

Classic SL Network Drive provides users with seven basic modes. Below is a chart describing each of the Classic SL Network Drive Modes and the icons that correspond with each mode.

Drive Color	Icon	Drive Icon	Mode / Meaning
Green			Read Only Mode - Users can only read from Classic SL Network Drive.
Blue			Read / Write Mode - Users can read and write to Classic SL Network Drive.
Red			Unrecognized Mode - Classic SL Network Drive cannot be used. - You can only remove this Classic SL Network Drive from your computer or view its property.
Gray			Disabled Mode - Classic SL Network Drive is disabled from your computer. - Classic SL Network Drive can be enabled back to Read Only Mode, Read/Write Mode or removed from the PC - Classic SL Network Drive can be Aggregated or Mirrored.
White			Busy Mode - Classic SL Network Drive is busy performing a task or an application is using Classic SL Network Drive.
Black			Disconnected Mode - Classic SL Network Drive is not connected to the network. - Power Cord, Ethernet Cord or USB Cord is unplugged. Once the cord is connected, you can resume Classic SL Network Drive use.
Yellow			Bound Mode - Bound disk used for Aggregation and Mirroring only. - You can only remove it from your computer or view its property.

5.1 Changing from Read / Write Mode to Read Only Mode

- Click "Classic SL Network Drive Administrator Tool"  and select the Classic SL Network Drive you want to change from "Read/Write" to "Read Only".
- Select "Enable Read Only".

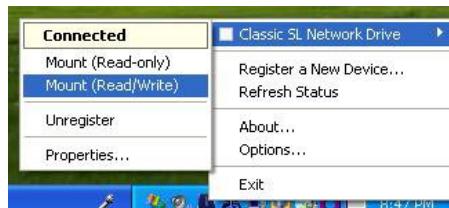


The "Blue Circle" will change to a "Green Circle", indicating "Read Only Mode".



5.2 Changing from Read Only Mode to Read / Write Mode

- Click "Classic SL Network Drive Administrator Tool"  and select the Classic SL Network Drive you want to change from "Read Only" to "Read/Write".



- Select "Enable Read/Write".

The "Green Circle" will change to a "Blue Circle", indicating "Read/Write Mode".



Chapter 6: Introduction to Administrator Tool Menu

Click "Classic SL Network Drive Administrator Tool". All registered Classic SL Network Drive(s) will be displayed on the Net-Disk Administrator Tool Menu. If you named your Classic SL Network Drive at the registration step, this name will be displayed in place of the default name Classic SL Network Drive X.

- **Refresh Status** - Updates the status of Classic SL Network Drives that are connected to the network.
 - If a Classic SL Network Drive is displayed with a black-coloured circle , connection to Classic SL Network Drive is not established.
- **New Classic SL Network Drive** - Registers a new Classic SL Network Drive onto your computer.
 - Every time a new Classic SL Network Drive is added, it must be registered. For more information please refer to Chapter 4.1 Add / Register a New Classic SL Network Drive.
- **About** - Displays Classic SL Network Drive Administrator version.
- **Exit** - Exits Classic SL Network Drive Administrator.

Classic SL Network Drive Administrator Tool can be restored by double clicking the icon  on the Desktop.

Chapter 7: Drive Functions

Click "Classic SL Network Drive Administrator Tool" and place the cursor on a Classic SL Network Drive to view its functions.

- **Disable** - Disables writing to and reading from the Classic SL Network Drive.

NOTE: If the Classic SL Network Drive is being used by any application, it will not disable. Wait until all applications using the Classic SL Network Drive have finished. Then try disabling it again. If you still cannot disable after several attempts, restart your computer. This may occur when unknown programs in the background are still using Classic SL Network Drive.

- **Edit Name** – Updates/Changes the name of the Classic SL Network Drive.
 - Type in the new name for the Classic SL Network Drive on "Edit a Classic SL Network Drive" window then click "OK". If you do not want to change the name of the Classic SL Network Drive, click "Cancel".
- **Enable Read Only** – Enables Read Only Mode.
- **Enable Read/Write** – Enables Read / Write Mode.
- **Property** – Displays the properties of the Classic SL Network Drive.
- **Refresh** – Updates the Network Drive's data from which you are reading.
- **Remove** – Removes the Classic SL Network Drive from your computer.

Chapter 8: Advanced Drive Functions

8.1 Introduction to Aggregation

Aggregation allows two Classic SL Network Drive units to be recognized as a single large disk drive. This feature is extremely useful when a larger storage device is needed.

8.2 Introduction to Mirroring

The Mirroring function enables a real-time mirrored copy of a Primary Classic SL Network Drive to a Secondary Classic SL Network Drive, continuously writing a copy of data on the Primary Classic SL Network Drive to a Secondary Classic SL Network Drive, whenever changes or edits are made.

8.3 Requirements for Aggregation / Mirroring

- Only two Classic SL Network Drives can be aggregated/mirrored at a time.
- Each Classic SL Network Drive must have a **Write Key**.
- Do not aggregate/mirror Classic SL Network Drives that are already mirrored or aggregated.
- **Mirroring:** The Secondary Classic SL Network Drive must be the same size or larger than the Primary Classic SL Network Drive.
- Classic SL Network Drives that are being aggregated/mirrored must be disabled on all PCs, except on the PC that is performing the aggregation/mirroring.
- Both Classic SL Network Drives must be formatted prior to aggregation/mirroring.
- Other users can enable aggregated/mirrored Classic SL Network Drives once aggregation/mirroring is completed.

NOTE: Aggregation and mirroring functions can only be performed in Windows XP and Windows 2000.

8.4 Instructions for aggregating / mirroring two Classic SL Network Drives

Before two Classic SL Network Drives can be Aggregated / Mirrored, they must be Disabled from all computers that have access to the Classic SL Network Drive.

8.4.1 Disable Classic SL Network Drive

- Go to "Classic SL Network Drive Administrator Tool", choose the Network Drive you want to disable and select Disable.



- Wait a few seconds for changes to occur. If color of disabled Classic SL Network Drive has not changed to **Grey**, click Status.
- Repeat this step for the second Classic SL Network Drive.
- Disable these two Classic SL Network Drives from all other PCs that have access to them.

8.4.2 Aggregate / Mirror Classic SL Network Drive

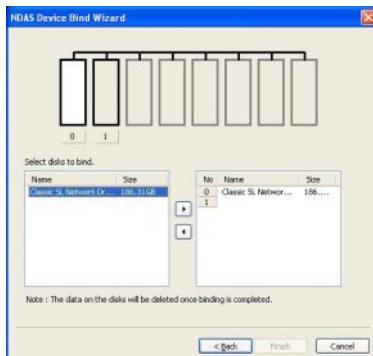
1. Go to "Start > Program > Classic SL Network Drive > Classic SL Network Drive Aggregation & Mirroring".



2. From the "Classic SL Network Drive Aggregation & Mirroring" window, select one of the two Classic SL Network Drive you just Disabled. Once you select a Classic SL Network Drive, "Aggr"  and "Mirror"  buttons will enable.
3. a) Click "Aggr" Button for **aggregation**.
b) Click "Mirror" Button for **mirroring**.
- **Aggregation:** The Classic SL Network Drive Bound window displays the first Classic SL Network Drive you selected to aggregate. The Classic SL Network Drive Available window lists all the Classic SL Network Drives you can select from which to aggregate with the first Classic SL Network Drive.

- **Mirroring:** The Classic SL Network Drive Bound window displays the Classic SL Network Drive which the data will be mirrored from and the Classic SL Network Drive Available window lists all the Classic SL Network Drive you can select from to mirror the data.

4. Select a Classic SL Network Drive from the "Classic SL Network Drive available" box that you want to aggregate or mirror to. Click  button then click "OK".



If you selected the wrong Classic SL Network Drive to aggregate or mirror, you can simply select the Classic SL Network Drive from the "Classic SL Network Drive bound" window and click . This will unbind the Classic SL Network Drive.

NOTE: Mirroring Only - A Classic SL Network Drive can only be mirrored to another Classic SL Network Drive with larger or same size.

5. Aggregation/mirror successful

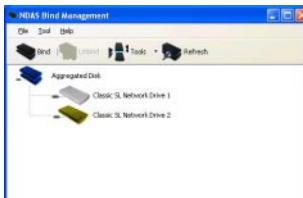
- Once the aggregation/mirroring successfully starts, a "Classic SL Network Drive Administrator" Window will appear advising you to format / partition the Primary Classic SL Network Drive.



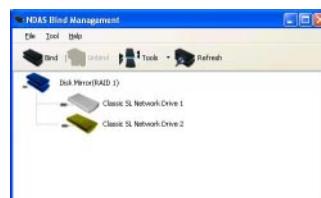
- Before you can format / partition a Classic SL Network Drive, Classic SL Network Drive must be enabled first.
- Click "OK".

6. Aggregation or Mirroring is completed.

Aggregation



Mirroring



- **Aggregation:** The Aggregated Classic SL Network Drive is indicated by the word Aggr Primary: Classic SL Network Drive1. The Classic SL Network Drive from the bound box becomes the Primary Network Drive, and the Classic SL Network Drive from the available box becomes the Secondary Network Drive. The capacity of the Secondary gets added to the Primary Classic SL Network Drive.
- **Mirroring:** The Mirrored Classic SL Network Drive is indicated by the word Mirror Primary: Classic SL Network Drive

1. The Classic SL Network Drive from the bound box becomes the Primary Network Drive and the Classic SL Network Drive from the available box becomes the Secondary Network Drive.

The Primary Classic SL Network Drive is mirrored to the Secondary Classic SL Network Drive.

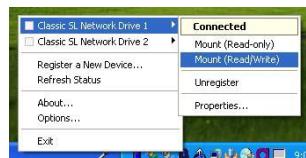
8.4.3 Enable Classic SL Network Drive

1. Click Classic SL Network Drive Administrator Tool .

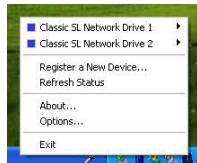
Note: Classic SL Network Drive 1 is disabled Primary Classic SL Network Drive and Classic SL Network Drive 2 is the Secondary Classic SL Network Drive

2. Enable the aggregated / mirrored Classic SL Network Drive by selecting either Enable Read/Write or Enable Read Only.

Enabled Aggregated / Mirrored Classic SL Network Drive



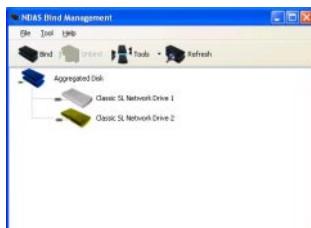
- Enabled Classic SL Network Drive is indicated by either a blue or green circle. A yellow circle indicates the secondary Classic SL Network Drive.



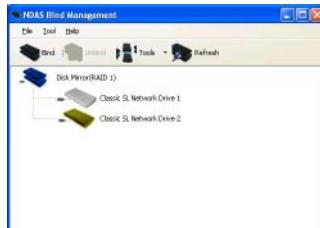
- Go to Classic SL Network Drive Aggregation & Mirroring window.

Here, enabled Classic SL Network Drive is indicated with blue or green colored Classic SL Network Drive.

Aggregation



Mirroring



8.4.4 Format Classic SL Network Drive

Before you can use the new aggregated / mirrored Classic SL Network Drive, the Primary Network Drive needs to be formatted. Please refer to Chapter 9 Formatting Classic SL Network Drive.

8.4.5 Register Aggregated / Mirrored Classic SL Network Drive for other users

Once the Primary Classic SL Network Drive has been successfully formatted, enable the Primary Classic SL Network Drive or add both Primary and Secondary Classic SL Network Drives to all the other PCs that want to use the Aggregated / Mirrored Classic SL Network Drive.

The Secondary Classic SL Network Drive will automatically be enabled once Primary Classic SL Network Drive is enabled.

NOTE: The Classic SL Network Drive Administrator will automatically detect the mode of the Primary and Secondary Classic SL Network Drive when enabled on additional PCs. Only the Primary Network Drive may be enabled.

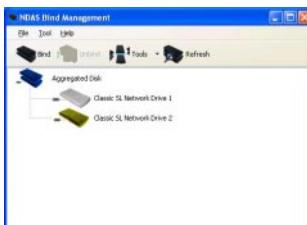
8.4.6 Unbind Classic SL Network Drive

1. Before Classic SL Network Drive can be unbound, both Primary and Secondary Classic SL Network Drives must be disabled from all PCs using the Aggregated / Mirrored Classic SL Network Drive.

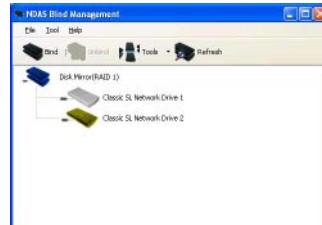
NOTE: For more information on disabling Classic SL Network Drive, please refer to 8.4.1 Disable Classic SL Network Drive.

2. Go to the PC that was used to perform the Aggregation / Mirroring.
3. Go to "Classic SL Network Drive Aggregation & Mirroring" window. The color of the disabled Master Classic SL Network Drive will be "Grey". If not, press "Status" button.

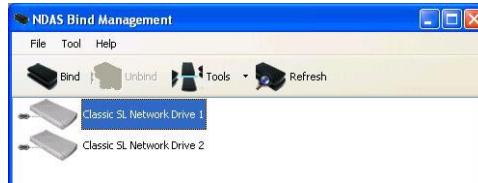
Aggregation



Mirroring



4. Select the disabled Primary Classic SL Network Drive and click unbind



The Aggregated / Mirrored Classic SL Network Drive will unbind into the two disabled Classic SL Network Drives.

Two unbound Classic SL Network Drives are also visible from "Classic SL Network Drive Administrator Tool."



5. Enable the unbound Classic SL Network Drives by selecting either "Enable Read/Write" or "Enable Read Only".
 - Classic SL Network Drive cannot be used until it is enabled.
 - Repeat this step for the second unbound Classic SL Network Drive.
6. Format Classic SL Network Drive.
 - Before you can use the unbound Classic SL Network Drive, both Classic SL Network Drives need to be formatted.

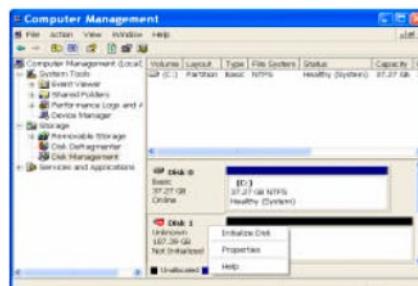
Please refer to Chapter 9 Formatting Classic SL Network Drive.

Chapter 9: Formatting Classic SL Network Drive

Note: Classic SL Network Drive is preformatted in NTFS. In order to use Classic SL Network Drive in mixed mode environments with Mac and Windows, Classic SL Network Drive must be formatted in FAT32. If you use the following steps to format your Classic SL Network Drive in Windows XP or 2000, then your Classic SL Network Drive will be reformatted in NTFS. NTFS is not a compatible file system format with Mac, thus your Mac computers will not recognize Classic SL Network Drive. You can use a third party format utility if you need to choose the file format that your Classic SL Network Drive is formatted in.

9.1 Initialize Classic SL Network Drive

1. Right click "My Computer" and select "Manage".
2. "Computer Management" window will appear. Click "Disk Management" under "Storage".
3. "Computer Management" window will list all the disks in the computer.
4. Find the Classic SL Network Drive you want to initialize.
 - If the Classic SL Network Drive is described as "Basic" or "Healthy", skip to Chapter 9.2 Partition Classic SL Network Drive. Otherwise, go to next step.
5. Initialize Classic SL Network Drive

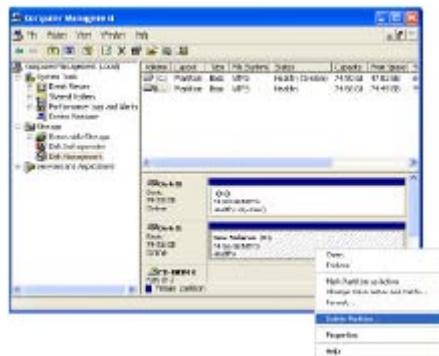


- Right click and select "Initialize Disk".
- "Initialize Disk" window will appear. Select the Classic SL Network Drive and click "OK".

6. Classic SL Network Drive will be automatically initialized.
 - "Unknown" becomes "Basic".
7. Initialization is completed.
 - Before Classic SL Network Drive can be used, it must be partitioned. Please refer to the next section for how to partition it.

9.2 Partition Classic SL Network Drive

1. From the "Computer Management" window, find the Classic SL Network Drive you want to format.
2. Right click and select "Delete Partition".



3. "Delete Primary Partition" will appear.



- When you delete partition, all the data on the disk will be lost.
- Click "Yes", if you want to continue partitioning. Otherwise, click "No".

Freecom Classic SL Network Drive

4. Partition has been deleted and it is indicated by the word Unallocated.

GB

9



5. Right click and select "New Partition".



6. "New Partition Wizard": Click "Next".

7. "Select Partition Type":

- Select "Primary partition".



- Click "Next".

8. "Specify Partition Size:

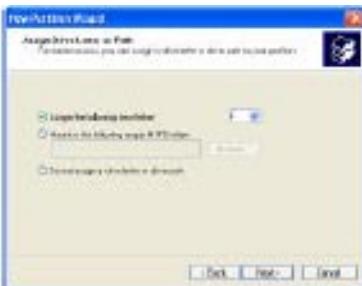


- Click "Next".

NOTE: The partition size is automatically set. Do not change the size.

9. Assign Drive Letter or Path:

- Select Assign the following driver letter.
- Choose a name for the drive from list.



- Click "Next".

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GB

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10. Format Partition:

- Select "Format this partition with the following Settings" .
- File System: "NTFS"
- Allocation unit size: "Default"
- Select "Perform a quick format (Recommended)".

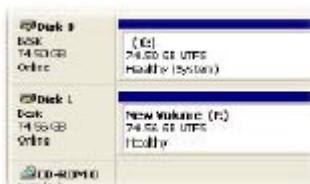


- Click "Next".

11. Partitioning is finished. Click "Finish".



- You can see the partitioned disk.

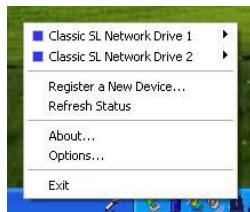


Chapter 10: Uninstalling Classic SL Network Drive

Before you can uninstall a Classic SL Network Drive, you must first close all applications that are using the Classic SL Network Drive. Classic SL Network Drive Administrator, Classic SL Network Drive Aggregation & Mirroring, Windows Explorer and Internet Explorer must also be closed.

Uninstall

1. Close Classic SL Network Drive Administrator Tool by selecting Exit.



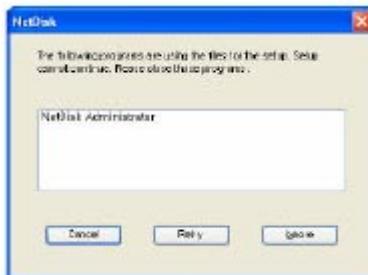
2. Uninstall Classic SL Network Drive

For Windows XP/2000

- Go to "Start > All > Classic SL Network Drive > Uninstall Classic SL Network Drive".
- "Windows Installer" will appear. Click "Yes" if you want to continue uninstall. Otherwise click "No".



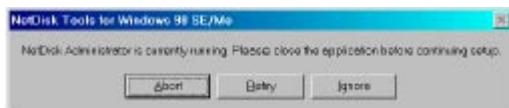
NOTE: A warning window may appear if applications are using the Classic SL Network Drive. Click Cancel and try removing Classic SL Network Drive after applications that are using the Classic SL Network Drive have finished.



For Windows 98 SE / Windows Me

- Go to "Start > Settings < Control Panel > Add or Remove Programs > Install / Uninstall" tab
- Select "Classic SL Network Drive Tools for Windows 98 SE / ME" and click "Add/Remove" button.

NOTE: A warning window may appear if applications are using the Classic SL Network Drive. Click Abort and try removing Classic SL Network Drive after applications that are using the Classic SL Network Drive have finished.



3. Restart the PC once uninstall is finished.

Chapter 11: FAQ

For the most recent list of FAQs, please visit <http://www.freecom.com>

General

1. What can Classic SL Network Drive be used for?

Classic SL Network Drive can be used with a variety of applications. It is ideal for all users that cannot afford NAS systems, such as small to medium businesses, SOHO (Small Office Home Office), workgroups, departments, schools and public institutions. Classic SL Network Drive technology's convenience and low cost provides the best storage solution for home / office networking.

- Use as storage for Personal Computer and Home Networking (storing and sharing files, backup / archiving, etc.)
- Expanding storage requirements.
- Business primary or secondary network storage.
- Public institution's storage for data archives, disclosed data, backups, and data conservation.
- Multimedia storage device (MP3s, Digital Photos, Digital Video).
- Multi-platform networking (Simultaneous use from Macintosh and Windows)
- Non-PC / Non-Computing applications (security, CCTV, technograph recording, MRI, entertainment).

2. How is Classic SL Network Drive different from NAS or SAN?

Classic SL Network Drive is a good alternative to NAS or SAN. Classic SL Network Drive is much more cost-effective, efficient and easy to use. It is for users looking for lower costs and storage associated with backup / archiving.

Although both Classic SL Network Drive and NAS are storage devices that are implemented over a network, Classic SL Network Drive takes up less space than NAS or SAN products. Classic SL Network Drive utilizes NDAS technology - allowing it to connect the hard disk directly to a network without a server. In NAS, the hard disk must be connected to a storage server, which must also be connected to the network.

3. For NDAS mode, do I need drivers installed on each computer using Classic SL Network Drive?

Yes, the drivers need to be loaded on each computer that want access to Classic SL Network Drive. However, if you are using Windows Sharing, only one computer will need the software installed. The other computers will not need it.

Windows 2000 / XP

1. I am having trouble using Multi-write over wireless connection. What do you recommend?

Try a wired connection for our 3.x drivers and compare how it works. If you are using wireless with other computers, we recommend enabling the hard-wired computer first, then the wireless computer.

When using wireless, we also recommend 802.11g. When using 802.11b, we highly recommend hardwiring your computer when doing large file transfers because of the low bandwidth associated with 802.11b.

2. How should I format Classic SL Network Drive?

We recommend formatting Classic SL Network Drive via NDAS (Ethernet) mode. If using Classic SL Network Drive as a USB device only, then it is OK to format via USB. It is also recommended that you format Classic SL Network Drive to NTFS if using Windows 2000/XP. Our 3.x drivers are only supported on NTFS, while 2.x drivers support FAT32.

3. How do I disconnect Classic SL Network Drive?

We always recommend using the Disable option from your Classic SL Network Drive Administrator Tool if connected via NDAS (Ethernet). You can use the "Unplug or Eject Hardware" icon in your System Tray to stop the Classic SL Network Drive before disconnecting (this applies to either USB or NDAS mode).

4. When I try to write to Classic SL Network Drive I get a "write protected" error and cannot write to the disk.

The permissions scheme may need to be reset. Try disabling the Classic SL Network Drive on all machines first, then re-enable them one by one. If that doesn't help, try rebooting the machines and power cycling Classic SL Network Drive.

5. When I try to write to Classic SL Network Drive, I get the following error message: "Classic SL Network Drive is being used by non-compatible software on another PC. You can use read-access only for now." What does this mean?

This means that there is another computer on the network that has a different version of the Classic SL Network Drive software installed. All machines must have the exact same version of our software. Please make sure that all computers have the exact same version of Classic SL Network Drive software installed. For instance, 3.02 is different from 3.03.

6. Can I set the "My Documents" folder to point to my Classic SL Network Drive instead of a place on my local hard drive?

We do not recommend doing this, as your computer will be dependent on this location during software installation and uninstallation. You may receive Windows Error Messages looking for a nonexisting location.

7. My computer is moving very slowly when my Classic SL Network Drive is enabled, and the ACT light on my Classic SL Network Drive is solid yellow. What is going on?

This is a result of a bad connection between the computer and the Classic SL Network Drive. Please make sure that you are using only network switches and routers, and that you are not using any network hubs. Also, if you have any software firewalls installed on your computer (i.e. Norton Internet Security, McAfee Personal Firewall, etc.), make sure to add Admin.exe and LDServ.exe into their list of programs to Allow with full access. You can also try disabling your Antivirus software to see if that makes a difference.

Please also try power cycling your Classic SL Network Drive and switch as well.

8. Sometimes when I transfer files to my Classic SL Network Drive, why is the speed so slow?

Try updating your Network Card's drivers to the latest from the manufacturer. If you network card has the option of changing the transmit and receive buffers to both 128 (in the card's properties in device manager), please try doing that. If you have an nForce chipset, try updating your Nvidia nForce drivers to the latest Unified Drivers from Nvidia's website. Please also make sure that you are using 100Mb switch as well.

9. I've installed my Classic SL Network Drive and it shows up as a Black Dot.

Make sure you are using the latest version of Classic SL Network Drive software. USB does not require Classic SL Network Drive software to work; so if you are using USB, the software is not needed and this explains why there is a black dot. Also, double check the following: the power cable is plugged in tightly, the LED light of the switch port where it is connected is blinking.

Also, latest versions of antivirus software have a feature called Script Blocking. Please ensure that this feature is disabled along with any firewall software before installing Classic SL Network Drive software.

You might also need to enable Classic SL Network Drive protocol and programs to run alongside your firewall software.

Even after you have done these steps, your firewall/antivirus software may still block access.

If using Wireless, make sure you are connected to the wireless router and that the signal is strong.

Try to check for and install the latest firmware from your router's manufacturer website and for the latest drivers for your wireless card.

You can also try plugging in via Ethernet to see if it works that way.

If using VPN software, try unchecking the box for Deterministic Network Enhancer or any other VPN protocol in your NIC Properties.

If, after everything, it is still showing as a black dot, please try disabling all your Startup items and non-Microsoft services from your msconfig utility.

Msconfig can be accessed by clicking on Start-> Run-> and typing in "msconfig" and clicking OK.

For further help, please contact the Freecom Support Center for your country.

10. When adding Classic SL Network Drive to my computer, why does the "ADD" button stay gray?

You may not have entered all the alpha-numeric values correctly. There are no letter "O"s; please verify that you have used the number "0" (zero) for anything resembling an "O." Also please check by our other letters as well; two V's may look like a W. Start by entering only the Classic SL Network Drive ID. The ADD button should not be greyed out if the correct ID is entered. Once it is not greyed out, proceed to add the Write Key as well.

Please also make sure that there are 20 characters for the Classic SL Network Drive ID, not including the Write Key.

11. I installed the Classic SL Network Drive key but cannot see Classic SL Network Drive in "My Computer." What should I do?

Click on the Classic SL Network Drive Admin Tool in your System tray and make sure Classic SL Network Drive is enabled. There should be a dot next to your Classic SL Network Drive, colored either Blue (Read/Write) or Green (Read Only). If it is a black colored dot, then please go to the FAQ: "I've installed my Classic SL Network Drive and it shows up as a Black Dot."

If Classic SL Network Drive is enabled, open "Computer Management" by right -clicking on "My Computer." Go to "Manage," then click on "Disk Management." Check if your Classic SL Network Drive is recognized. It should show up as Disk 1 or Disk 2 or a different number depending on the number of drives that you have on your computer. Right -click on the appropriate "Disk #" and click "Initialize." if that option exists.

Also make sure that the Classic SL Network Drive is partitioned and formatted. If you see something that says "Unallocated," then right-click on the "Unallocated," create a partition, and then format the drive to your file system preference.

To use Classic SL Network Drive with other Operating Systems such as Windows 98SE / ME, and Mac OS X, you will need to format your Classic SL Network Drive to FAT32 for it to be recognized.

12. Why am I getting a "Data has been corrupted" message when I try to open or copy a file?

Open up Command Prompt and run "chkdsk" for the Classic SL Network Drive drive.

Go to Start - Run - type in "cmd" without the quotation marks.

Then type in "chkdsk Classic SL Network Drive DriveLetter: /F"

For example, if your Classic SL Network Drive shows up as drive letter E: in My Computer, you would type in the following: chkdsk E: /F

13. Why do I keep getting this error message: "The device 'Generic volume' cannot be stopped right now. Try stopping the device again later." ?

Close any windows that are displaying your Classic SL Network Drive and retry what you were doing earlier. If you continue to get that error message, restart your computer. However, if you were copying a large amount of files, it is possible that it is still being copied in the background from its cache. You may need to wait until it is finished before continuing. If that does not work, then try restarting your computer and try again.

14. I just installed Classic SL Network Drive; why is the Classic SL Network Drive showing up as a red color?

Try unplugging your Classic SL Network Drive's power cord, wait about 10 seconds, and plug it back in. If this doesn't work, try restarting your computer as well. Please try disabling your firewall/antivirus software and if that works then you may need to configure the software to allow your Classic SL Network Drive to run.

15. I keep getting "Internal Error; Update Failed." What does this mean?

Try updating to our latest drivers to see if that fixes the problem.

Before installing our Classic SL Network Drive software, please disable any Firewall/Antivirus software and also make sure that Script Blocking is turned off for antivirus software. If problems still persist, please try uninstalling the Firewall/Antivirus software and reinstall Classic SL Network Drive software. Also try updating your NIC drivers to the latest available.

16. I am getting the message "Connection closed abnormally. Try to reconnect." What does this mean?

Check to make sure that you are using the latest version of our software. If Classic SL Network Drive keeps losing its connection to your computer, check your USB or Ethernet cable connection.

If your Classic SL Network Drive is shared on a network, we also recommend using NTFS for multi-write software.

This can be verified by right-clicking on your Classic SL Network Drive drive letter from My Computer and clicking on Properties. Then, under File System it will indicate the type of file system your Classic SL Network Drive is formatted to. To format Classic SL Network Drive to NTFS, please right-click on the Classic SL Network Drive drive letter from My Computer and then click on Format. There should be a drop down menu that will allow you to select NTFS. Please also make sure to check the box next to the word Quick Format.

Also, make sure Classic SL Network Drive is plugged into a 100mb/full duplex capable switch and that you are using a 10/100mb Network Card. Classic SL Network Drive is not supported on hubs. If you have your switch uplinked to another one, try putting Classic SL Network Drive and your computer on the same switch and retry.

Try setting your NIC's speed/duplex settings to 100Mb/full duplex:

Right click on My Network Places - click on Properties - right click on Local Area Connection and click on Properties. Then click on the Configure button next to your NIC- and click on the Advanced tab. There, you should be able to find something related to "Speed & Duplex", "Media Settings", etc . where, once highlighted, you can click on a drop down menu and select 100Mb/full duplex. You can also try going to your NIC (Ethernet card) manufacturer and downloading the latest drivers. If using a DSL router, please try updating the firmware on it as well.

Or, try plugging your PC into a different port on the Classic SL Network Drive and see if you have different results.

If you are using an Antivirus/Firewall software, please try disabling it and see if that solves the issue.

The latest versions of antivirus software have Script Blocking. Try disabling that as well because disabling Antivirus may not necessarily disable that feature.

17. I keep getting Autoplay when I plug in Classic SL Network Drive.

Create a blank text file in the root directory of your Classic SL Network Drive and name it "autorun.inf". Place this in the root directory of your Classic SL Network Drive drive letter in "My Computer." This should stop the Autoplay prompt.

18. Using Windows file sharing function, after reboot, share gets lost. Is there any work around?

Create a batch file and place it in your startup folder. To create batch file: Open up notepad -? Type in "net share sharename=DriveLetter:path" (For example net share Classic SL Network Drive =F:) Save the file as a .bat extension. (For example, the file name would be called " NetDisk.bat")

19. Why can't my computer go into hibernation or standby?

If you want to use your computer in hibernation or standby, you must have Classic SL Network Drive disabled before that can occur. Click on the Classic SL Network Drive Admin Tool on your system tray - go to your Classic SL Network Drive and then you should see a menu with Disable as one of the choices.

20. I have clicked on the Classic SL Network Drive Admin Tool on my desktop and nothing happens.

The icon on the desktop is only used to launch our icon into the system tray, if for some reason it is not already there. The icon in the system tray is used for Enabling/Disabling, Adding/Removing, and switching modes for Read/Write on Classic SL Network Drive.

21. When I try to copy something to my Classic SL Network Drive, why does the following show up: "Cannot copy Classic SL Network Drive Administrator: The disk is write-protected. Remove the write-protection or use another disk."?

You probably do not have Read/Write access. Click on the Classic SL Network Drive Icon in your bottom-right system tray. Go to your Classic SL Network Drive and then click on "Enable Read/Write."

22. Why can't I format my whole Classic SL Network Drive to FAT32?

Windows 2000/XP comes with a limitation of only 32GB partitions that it can create. This is a Windows limitation and the only resolution is to use a 3rd party partitioning software or use a Windows 98SE/ME computer to format the entire drive to FAT32. With our Multi-Write drivers, NTFS is recommended anyways for stability and performance purposes.

Windows 98SE / Windows Me

1. How do I disconnect Classic SL Network Drive?

We recommend using the Disable option from your Classic SL Network Drive Administrator Tool if connected via NDAS (Ethernet). You can also use the "Unplug or Eject Hardware" icon in your System Tray to stop the Classic SL Network Drive before disconnecting it (this applies to either USB or NDAS mode).

2. I've installed Classic SL Network Drive on my Windows 98SE computer and cannot see Classic SL Network Drive.

Please check to see if Classic SL Network Drive drivers are properly loaded. If you are using USB, you may need to download the Classic SL Network Drive USB drivers from our Download Center. Right-click on My Computer - Go to Properties - then click on Device Manager and look for any yellow exclamation or question marks.

Check if Classic SL Network Drive is formatted to FAT32 as Windows 98SE can only recognize FAT file systems.

If you can, go to Start-Run-and type in "Command" without quotation marks and press the Enter key. Next, type in "fdisk" without quotation marks.

If it asks you about Enabling large file support, type in Y and press the Enter key.

If there is an option #5, then Enter in that number.

If that option is not there, then your Classic SL Network Drive is not being recognized.

If it is, then please check to see that your drive is there.

If your Classic SL Network Drive is still not recognized, make sure that your Classic SL Network Drive is powered on. Also, try power-cycling your Classic SL Network Drive and making sure that the software, if any, are loaded correctly.

3. My Classic SL Network Drive shows up as a Black Dot.

Please check the following: power cable is plugged in tightly, there is a blinking LED where it is connected to (switch), and that any firewall/ antivirus software are disabled before installing. The latest versions of antivirus software have script blocking.

Please ensure this feature is disabled before continuing.

You might also need to enable Classic SL Network Drive protocol and programs to run. Even after you have done these steps, it is still possible that the firewall/antivirus software will block access. If it still does not work, uninstall the firewall/antivirus software, reboot, and reinstall our software. If it succeeds, then you can re-install the antivirus/firewall software afterwards.

If using Wireless connection, please make sure that you are connected to the wireless router and that you have a strong signal. Try going to your wireless router's website to check for the latest firmware and also check for the latest drivers for your wireless card.

4. I have installed drivers for Windows 98SE and keep getting disconnected when transferring large files.

Windows 98SE can only read FAT32 file systems. Unfortunately, FAT32 comes with a limitation on single large files transfers up to 4GB. This is a file system limitation. Please also check our website for updates on the Win98SE drivers.

5. I have just installed Classic SL Network Drive, why does Classic SL Network Drive show up as a red color?

Try unplugging your Classic SL Network Drive's power cord, wait about 10 seconds, and plug it back in. If this doesn't work, try restarting your computer as well.

6. When adding Classic SL Network Drive to my computer, why does the "ADD" button stay gray?

You may not have entered all the alpha-numeric values correctly. There are no letter "O"s; please verify that you have used the number "0" (zero) for anything resembling an "O." Also, check your other letters as well; two V's may look like a W. Start by entering only the Classic SL Network Drive ID. The ADD button should not be greyed out if the correct ID is entered. Once it is not grayed out, proceed to add the Write Key as well if you want read-write access. Also make sure that there are 20 characters for the Classic SL Network Drive ID, not including the Write Key.

USB

1. I have plugged in Classic SL Network Drive to my USB port and cannot see Classic SL Network Drive in My Computer.

Try plugging the Classic SL Network Drive into a different USB port on your PC. Or try using a different USB cable.

With Windows ME/2000/XP and MAC, Classic SL Network Drive uses the Operating System's built-in USB drivers, therefore, no software is necessary. If you are using Windows98SE, please check our website for the latest USB drivers. www.freecom.com.

If using Windows98SE/ME, and MAC, make sure that Classic SL Network Drive is formatted to the supported files system. Windows Me requires FAT32. Mac has its own file system, but also supports FAT32. It is up to you to choose the appropriate one.

2. My Classic SL Network Drive shows up as a Black dot when used with USB.

When used with USB mode, the software is not needed, therefore you will see a black dot (disconnected) in the system tray as that is an indicator for NDAS (Ethernet) mode.

Aggregation & Mirroring

1. What is the maximum number of NetDisk that support aggregation?

Aggregation can currently be done using two (2) NetDisk units.

2. When used with Mirroring, and one NetDisk goes down what happens?

The kind of mirroring done with NetDisk software is basic. You must format before mirroring or aggregating NetDisk.

If one NetDisk goes down, data will still be on the other NetDisk and can be accessed, but if you want to replace the down NetDisk, you must format both NetDisks again to recreate mirror.

Chapter 12: Troubleshooting

General

For the most recent list of Troubleshooting tips, please visit <http://www.freecom.com>

1. How do I install Classic SL Network Drive?

Classic SL Network Drive can be installed using either Ethernet or USB. Ethernet connection allows Classic SL Network Drive to be used as a Network Storage Device; USB connection allows Classic SL Network Drive to be used as a high-speed, external hard drive.

To install in NDAS Mode (requires a 100 Mb / full duplex switch)

- Connect the Power Cable and LAN Cable, from Classic SL Network Drive to power and switch respectively.
- Install Classic SL Network Drive software from Installation CD or down load the software from the Freecom website.

To install in Ethernet Mode (requires a cross-over cable which is not supplied)

- Connect the Power Cable and Cross-Over Cable, from Classic SL Network Drive to power and Ethernet port on computer, respectively.
- Install Classic SL Network Drive software from Installation CD or down load the software from the Freecom website.

To install in USB 2.0 Mode

- Connect the Power Cable and USB Cable, from Classic SL Network Drive, to power and USB port on computer, respectively.
- Computer should automatically recognize Classic SL Network Drive. For Windows 98/Windows Me and Mac, Classic SL Network Drive must be formatted to FAT32 or recognized file system.

2. When adding Classic SL Network Drive to my computer, why does the "ADD" button stay gray?

You may not have entered values correctly. The letter "O" is not used; please verify that you have used the number "0" (zero).

3. I have just installed Classic SL Network Drive; why is the Classic SL Network Drive showing up as a red color?

Try unplugging your Classic SL Network Drive power cord, wait about 10 seconds, and plug it back in. If this doesn't work, try restarting your computer.

4. Why can't my computer go into hibernation or standby?

If you want to use your computer in hibernation or standby, you must have Classic SL Network Drive disabled before that can occur. Click on the Classic SL Network Drive Admin Tool on your system tray- go to your Classic SL Network Drive and then you should see a menu with Disable as one of the choices.

5. My Classic SL Network Drive shows up as a Black Dot.

Please check the following: power cable is plugged in tightly, there is a link light on the switch where it plugged in and please make sure that any firewall/antivirus software is disabled before installing. The latest versions of antivirus software have a new feature called script blocking. Please ensure that this feature is disabled before continuing. You might also need to enable our protocol and programs to run as well. Even after you have done these things, it is possible that the firewall/antivirus software will still block access. If this occurs, try uninstalling the firewall/antivirus software, reboot, then reinstall our software. If this works, then you may reinstall the antivirus/firewall software afterwards. If using Wireless, make sure that you are connected to the wireless router and that your signal is good. Try going to your wireless router's website and check for the latest firmware and also check for the latest drivers for your wireless card as well.

Try plugging in via Ethernet and see if it works that way.

6. I am getting "Classic SL Network Drive unplugged abnormally"?

Check to make sure that you are using the latest version of our software. The Classic SL Network Drive connection may be unstable. Please check your connections. Also, please check to see if your Classic SL Network Drive is formatted to NTFS if you are using only 2000 or XP. This can be checked by right-clicking on your Classic SL Network Drive drive letter from My Computer and clicking on Properties. Then, under File System it will indicate the type of file system your Classic SL Network Drive is formatted to. To format Classic SL Network Drive to NTFS, please right-click on the Classic SL Network Drive drive letter from My Computer and then click on Format. There should be a drop down menu that will allow you to select NTFS. Please also make sure to check the box next to the word Quick Format.

Make sure that Classic SL Network Drive is plugged into a 100Mb/full duplex capable switch. Classic SL Network Drive is not supported on hubs. If you have your switches uplinked to another one, try putting Classic SL Network Drive and your computer on the same switch and retry.

Try setting your NIC's speed/duplex settings to 100Mb/full duplex. Right click on My Network Places- click on Properties- right click on Local Area Connection and click on Properties. Then click on the Configure button next to your NIC- and click on the Advanced tab. There, you should be able to find something related to "Speed & Duplex", "Media Settings", etc. where, once highlighted, you can click on a drop down menu and select 100Mb/full duplex.

You can try going to your NIC (Ethernet card) manufacturer and downloading the latest drivers.

If using a DSL router, please try updating the firmware on it as well. Also, try plugging Classic SL Network Drive your PC into a different port on the switch and see if you have different results.

7. I have installed the Classic SL Network Drive key but cannot see Classic SL Network Drive in "My Computer." What should I do?

Open up "Computer Management" by right-clicking on "My Computer." Go to "Manage," then click on "Disk Management." Check to see if your Classic SL Network Drive is recognized. It should show up as Disk 1 or Disk 2 or a different number depending on the number of drives that you have on your computer.

Right -click on the appropriate "Disk #" and click "Initialize.". Also, for Windows 98SE / Windows ME / Mac users, you will need to format disk to FAT32 for it to be recognized.

8. I've just installed Classic SL Network Drive software, and now my internet does not work.

This can happen when used with McAfee Virus Scan Professional 7.0; you must disable HAWK Script Stopper in McAfee, before installing our software.

9. I have clicked on the Classic SL Network Drive Administrator Tool on my desktop and nothing happens.

The icon on the desktop is only used to launch "Classic SL Network Drive Administrator Tool" into the system tray, if for some reason it is not in there already. The icon in the system tray is used for enabling, disabling, adding, removing and switching Read / Write modes on Classic SL Network Drive.

10. I am getting a "Data has been corrupted" message on my computer when I try to open up or copy a file. What should I do?

Open up Command Prompt and run "chkdsk" for the Classic SL Network Drive drive. To do this Go to Start -> Run-> type in "cmd" without the quotation marks. Then type in "chkdsk ClassicSL Network Drive Drive Letter: /F" For example, if your Classic SL Network Drive shows up as drive letter E: in My Computer, you would type in the following: chkdsk E: /F

11. When I try to copy something to my Classic SL Network Drive, why does the following show up:

"Cannot copy Classic SL Network Drive Administrator: The disk is write-protected. Remove the write-protection or use another disk."?

You do not have Read / Write access. Click on the Classic SL Network Drive Icon in your bottom-right system tray.

Go to your Classic SL Network Drive and then click on "Enable Read/Write."

12. I get this error message: "The device 'Generic volume' cannot be stopped right now. Try stopping the device again later."?

Close any windows that are displaying your Classic SL Network Drive and retry what you were trying to do. If you continue to get that error message, logging off then back on or rebooting. After copying a large amount of data, it may seem as though it has completed, but there might be files still being copied in the background from memory. Please wait and try later to ensure that data will not be corrupted.

13. I am using Windows 98SE and the CD software will not load.

Currently, our Windows 98SE / ME drivers are not available on our CD. We do have drivers* that are available in our Download Center. *The Windows 98SE/ME driver permits Read/Write access to the Classic SL Network Drive for only one computer at a time. Write access can be passed in token format. Any computer on the LAN can share Read access.

14. I've installed Classic SL Network Drive on my Windows 98SE computer and cannot see Classic SL Network Drive.

Please check to see if Classic SL Network Drive drivers are properly loaded. If you are using NDAS mode, please check our Download Center for the latest drivers. If you are using USB, you may need to download the Classic SL Network Drive USB drivers from our Download Center. Right-click on My Computer -> Go to Properties -> then click on Device Manager and look for any yellow exclamation or question marks. Check to see if Classic SL Network Drive is formatted to FAT32 as Windows 98SE can only recognize FAT file systems. If you can, go to Start - Run - and type in "Command" without quotation marks and press the Enter key.

Next, type in "fdisk" without quotation marks.

If you are asked about enabling large file support, type in "Y" and press the "Enter" key. If you are asked about NTFS partitions, then your Classic SL Network Drive is not in FAT32. Press "Esc" to exit Fdisk. Please go to www.freecom.com and download directions for Windows 98SE / Me software drivers. The manual will explain how to FDISK and format your drive in Windows 98SE/Windows Me. If Classic SL Network Drive is still not recognized, make sure that Classic SL Network Drive is on. Also, try power-cycling your Classic SL Network Drive and make sure that Classic SL Network Drive software, if needed, is installed correctly.

15. I keep getting Autoplay when I plug in Classic SL Network Drive.

Create a blank text file in the root directory of your Classic SL Network Drive and name it "autorun.inf". Place this in the root directory of your Classic SL Network Drive drive letter in "My Computer."

16. I installed drivers for Windows 98SE and get disconnected when transferring large files.

Windows 98SE can only read FAT32 file systems. Unfortunately, FAT32 comes with a limitation on single large files transfers up to 4GB. This is a file system limitation. Please check our website for updates on the Win98SE drivers.

17. I click on my files and get "Access Denied." What should I do?

If you are using Windows XP Professional, open My Computer-> go to Tools-> Folder options-> click on the View tab and at the bottom uncheck the "Enable Simple File Sharing" box. Then continue to the instructions below.

If you are using Windows XP Home (plug in via USB): Then restart and hold F8 during bootup to go into Safe Mode. Once in Safe Mode, please follow instructions below.

Windows 2000 Computers: Open "My Computer," right click on the Classic SL Network Drive drive letter and go to Properties.

Click on the Security Tab and then the Advanced button. If the Everyone group is missing, please add the group and give it Full Control permissions. Then click on the Owner tab and at the bottom, change the owner to Administrators. If you are asked to replace permissions on all subdirectories, say YES. You should now be able to access contents. This is related to the Operating System's security features.

18. I keep getting "Internal Error; Update Failed." What does this mean?

Update to Classic SL Network Drive's latest drivers to see if that fixes the problem. The Classic SL Network Drive Administrator may have started too early. Try removing it from your startup folder located at Start>Programs>Startup.

Then manually run the program to see if it still occurs.

19. Using Windows file sharing function, after reboot, share gets lost. Is there any work around?

Create a batch file and place it in your startup folder. To create batch file: Open Notepad application and type in "net share sharename=DriveLetter:path" (For example net share Classic SL Network Drive=F:). Save the file as a .bat extension (For example, "Classic SL Network Drive.bat").

20. I have installed the Mac Drivers but Classic SL Network Drive will not mount.

Please check the following: Make sure that it is formatted to a file system that your Mac can recognize.

When plugged in via NDAS (Ethernet), try enabling Read Only mode and reboot your Mac. If you get a popup after rebooting, click "Initialize." It should show up on your desktop as a Hard Drive.

You can then change Classic SL Network Drive to Read/Write mode later, if needed.

- Try plugging it in via USB to see if it is recognized. If it still does not work try reinstalling the Mac drivers from the Download Center.
- If you are using a Windows computer as well, then connect it to a Windows computer and run the chkdsk utility.
- To do this: Open up Command Prompt and run "chkdsk" for the Classic SL Network Drive drive. Go to Start -> Run -> type in "cmd" without the quotation marks. Then type in "chkdsk ClassicSL Network Drive/DriveLetter: /F" For example, if your Classic SL Network Drive shows up as drive letter E: in My Computer, you would type in the following: chkdsk E: /F After running chkdsk and it still does not mount, then try formatting the Classic SL Network Drive again and retry mounting drive.

USB

1. I have plugged in Classic SL Network Drive to my USB port and cannot see Classic SL Network Drive in My Computer.

You must power off Classic SL Network Drive completely before doing so. Try plugging Classic SL Network Drive into a different USB port on your computer and see if that works. If using Windows 98SE / Windows Me, or Mac, make sure that Classic SL Network Drive is formatted in a supported file system. Windows 98SE / Windows Me requires FAT32. Mac has its own file system, but also supports FAT32. You should choose the appropriate one.

2. My Classic SL Network Drive shows up as a Black dot when used with USB.

When used with USB mode, the Classic SL Network Drive Software is not needed, therefore you will see a Black Dot (disconnected) in the system tray since it is an indicator only for NDAS (Ethernet) mode.

Aggregation & Mirroring (PIC)

1. I cannot Aggregate or Mirror NDAS.

Please make sure that your NDAS is disabled before mirroring or aggregating them.

Regulatory Statements

United States (FCC)

The computer equipment described in this manual generates and uses radio frequency (RF) energy. If the equipment is not installed and operated in strict accordance with the manufacturer's instructions, interference to radio and television reception might result.

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Part 15, Class B, of the FCC Rules, is designed to provide reasonable protection against radio and television interference in a residential installation. Although the equipment has been tested and found to comply with the allowed RF emission limits, as specified in the above cited Rules, there is no guarantee that interference will not occur in a particular installation. Interference can be determined by turning the equipment off and on while monitoring radio or television reception. The user may be able to eliminate any interference by implementing one or more of the following measures:

- Reorient the affected device and/or its receiving antenna.
- Increase the distance between the affected device and the computer equipment.
- Plug the computer and its peripherals into a different branch circuit from that used by the affected device.
- If necessary, consult an experienced radio/television technician for additional suggestions.

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We thank you for purchasing this Freecom product and hope you will enjoy using it.

In order to avoid unnecessary inconvenience on your part, we suggest reading the quick install guide, instruction manual and any additional electronic and or printed manuals. When problems occur we have a database with Frequently Asked Questions (FAQ) on our Freecom website (www.freecom.com), please check this site before you contact the helpdesk.

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This guarantee covers only the hardware components packaged with the product. This guarantee covers none of the following: (a) any consumable supplied with the product, such as media or batteries; (b) damage to or loss of any software programs, data or removable storage media; (c) any damage resulting from adaptations, changes or adjustments, which may have been made to the product, without the prior written consent of Freecom; (d) attempted repair by any party other than authorized by Freecom and (e) accidents, lightning, water, fire or any other such cause beyond the reasonable control of Freecom.

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ThinServer*
Beatman
Cables

Warranty period

1 year (Two years in Europe)
3 years
2 years
1 year (Two years in Europe)
1 year (Two years in Europe)
1 year (Two years in Europe)

* Controller inside 3 years after online registration only.

(GB)