2.4. PARTITION and FORMAT

Remember - always plug in the *Secure* Key before you perform the PARTITION and FORMAT! After the completion of the FORMAT, you can safely remove the *Secure* Key for normal operation.

2.4.1. *For Window 2000/XP/Vista users*

You must have administrative privileges.

1. Right click on "My Computer" and choose "Manage".
2. Under storage on the left pane, select **Disk Management**.
3. The "Initialize and Convert Disk Wizard" should start automatically. If it does not, then skip to the next step. Click the "Next" button. In the "Select disks to initialize screen" there should be only one disk selected. Click the "Next" button. Click the "Finish" button.
4. In the graphical view on the lower right hand side, you should see "Disk 1" or higher. To the right, there should be no partitions defined (Unallocated).
5. To create a partition on the USB drive. Right click the "Unallocated" section and select "New Partition" to start the Wizard. Click the "Next" button.
6. Select "Primary partition" and click the "Next" button.
7. Select the amount of disk to use and click next.
8. In the "Assign Drive Letter or Path" screen, choose the drive letter to be assigned. For example "Z". Then Click the "Next" button.
9. In the "Format Partition" screen, Select the File system type, and the allocation unit size. Enter a Volume Label and Select "Perform a quick format". Click the "Next" button.
10. In the "Completing the New Partition Wizard" screen, click the "Finish" button.
11. Wait for the new partition to appear on the display as "Volume Name (Z:)" and "Healthy".

2.4.2. *For MAC users*

1. Select Utilities from the Go menu. In the Utilities Folder, Open the Disk Utility tool.
2. The Disk Utility window will open. Select the volume labeled "eNOVA-XWall..." from the list of available hard disks on the left side of the window.
3. Select the Partition tab.
4. From the Volume Scheme menu, choose the number and sizes of the partitions that you want to create.
5. In the Volume Information section, enter the name for each volume (partition) that you want to create and choose the volume format type.
6. Once you have finalized the volume options, click Partition. Click Partition again when the Alert message appears.
7. The Mac Disk Utility will format and partition the disk according to your settings and your drive will be ready to use.

CIPHERTEX®
data security

CX-2500E
Secure, encrypted, Ruggedized Mobil Hard Drive

Quick Start Guide

1. INSTALLATION

1.1. What's included in the CX-2500E package

Please check to make sure your product package contains the items listed below. If you discover damaged or missing items, please contact your distributor/retailer.

- 1 – CX-2500E Enclosure with 2.5" standard hard drive
- 1 - USB 2.0 'A' to mini 'B' Y - cable
- 1 - Power adapter
- 1 - CD-ROM containing documentation
- 1 – Quick Start Guide
- 1 - Registration and Warranty card
- 2 - External *Hardware Secure Key* (pair)

1.2. Encryption Keys

Your Ciphertex CX-2500E comes with a pair of external *Secure Keys* to authenticate you as the authorized user and to enable encryption/decryption.

The Secret Encryption Key of the AES real-time cipher engine is stored inside the *Secure Key*. Consequently, you cannot decrypt without the correct, unique *Secure Key*.

IT IS EXTREMELY IMPORTANT THAT YOU ALWAYS STORE THE DUPLICATE KEY IN A SAFE PLACE. LOSS OF BOTH *SECURE KEYS* WILL MAKE IT VIRTUALLY IMPOSSIBLE FOR YOU TO RECOVER YOUR DATA.

1.3. Important Operational Considerations

1. Always place the CX-2500E on a smooth surface. Avoid sudden jerk, or vibration.
2. Always keep the CX-2500E in a dry area. Do NOT allow water to enter the unit and do not use damp cloth to clean it.
3. Avoid placing the CX-2500E unit close to magnetic field or devices producing electromagnetic field (such as a mobile phone), high-power appliances (such as a hair dryer), or in areas exposed to extreme temperatures (such as the glass windshield of automobiles)..
4. Always perform PARTITION/FORMAT with the *Secure Key* plugged in. Otherwise, the encryption function will not be enabled.
5. Plug in the *Secure Key* every time you connect the CX-2500E to the USB Host. You may remove the *Secure Key* after the CX-2500E unit has been detected.
6. If your computer properly supports the USB2.0 specification, you will probably NOT need an external power supply. However, a USB1.1 connection WILL require an external power supply. In that case, connect the power supply prior to connecting the USB cable.

2. System Setup

Make sure you have inserted the *Secure Key* into the Ciphertex CX-2500E *and* then follow the instructions below:

2.1. For Windows Users

- Most computers come with several standard USB1.1 ports that support a transfer rate of 12 Mega bit per second. If you want to take advantage of the higher USB2.0 transfer rate (480 Mega bit per second), determine whether your computer is equipped with a USB2.0 port. If not, you may purchase internal or external USB 2.0 adapters from third-party vendor and then continue with the installation. The CX-2500E product you have purchased can also work with the USB1.1 with slower speed.
- Windows 2000 and newer has Mass Storage Device support built into the Operating System, so no drivers are needed.

2.2. For Mac users

- The Ciphertex CX-2500E is supported automatically for Mac's with USB 2.0 ports running OSX 10.2 and above.
- Mac's running OS 9 through 10.2 support USB 1.1 transfers only.

2.3. Connect the Ciphertex CX-2500E to the Computer

1. Insert the Secure Key in the CX-2500E.

Power Outlet   USB Port   Security Key Port

2. Connect the CX-2500E to a USB port on your computer using the supplied USB2.0 cable.
3. Your computer will detect the CX-2500E automatically. The Red LED of the CX-2500E should light up, indicating the high-speed USB 2.0 connection is activated AND Encryption is enabled. If the LED is Blue, then this indicates that the high-speed USB 2.0 connection is activated AND Encryption is disabled.
4. When your computer indicates that the new device has been connected, proceed to the next paragraph PARTITION and FORMAT.