EC-HD2B

SABRENT
Connecting Differently™

USB 3.0 TO SATA DUAL DOCKING STATION FOR 2.5” OR 3.5” HDD & SSD

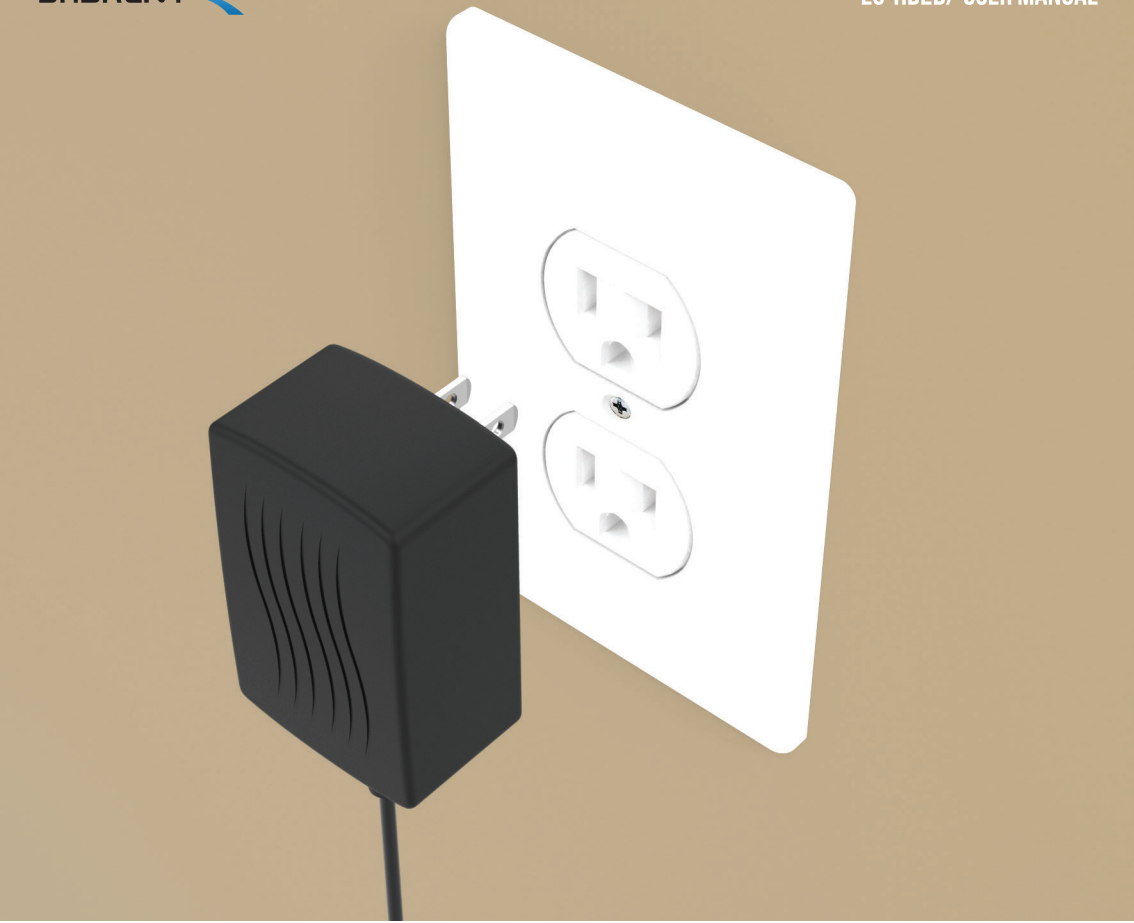
USER MANUAL

With a Sabrent **EC-HD2B** SATA Docking Station you can easily Hot-Swap 2.5”/3.5” SATA Hard Drives when connected to your Desktop or Notebook. As a Standalone Duplicator Dock it can be used to duplicate/clone an existing hard drive without connecting to a computer.

REVIEW/LED INDICATOR

1 POWER LED
2 CLONE STATUS
3 CLONE BUTTON
4 HARD DRIVE LED INDICATOR
5 HARD DRIVE BAYS
6 USB 3.0 PORT
7 DC-IN JACK
8 POWER SWITCH

Connect the power adapter to the back of the dock

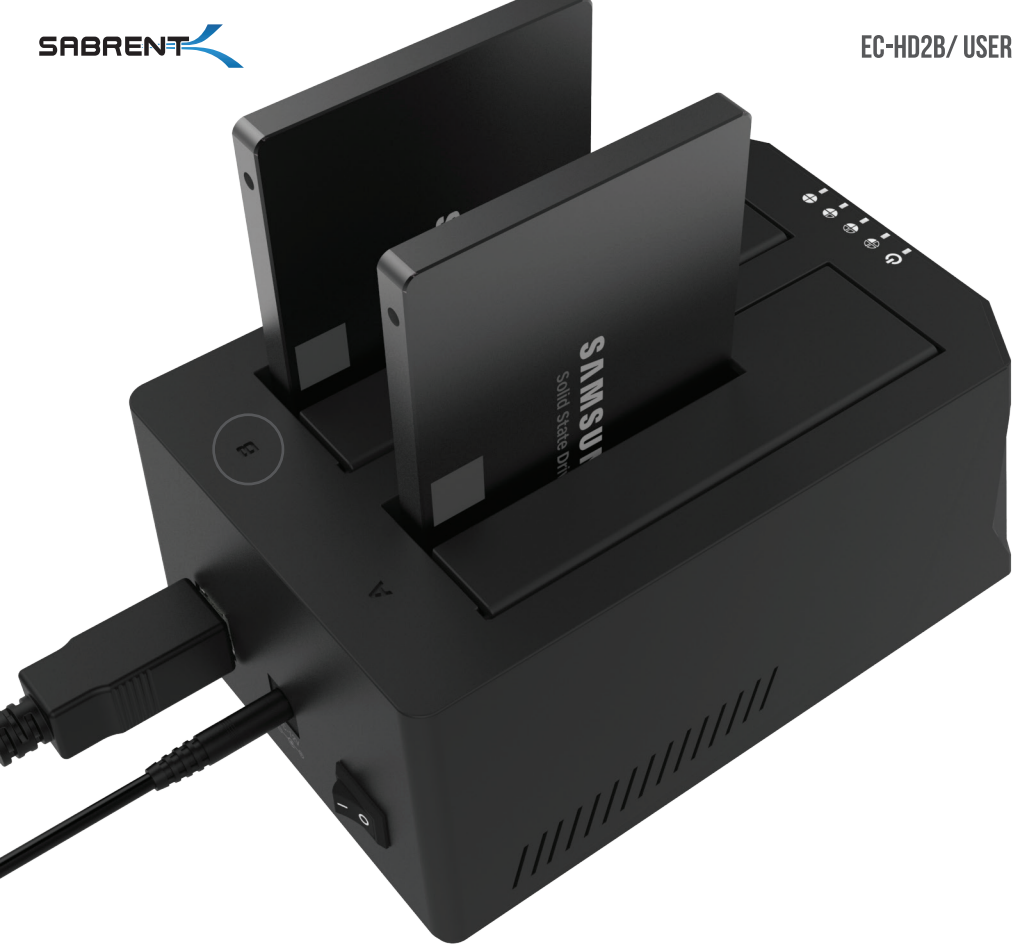


Connect the power adapter to a power outlet

Connect the USB cable to the back of the dock

Connect the other end of the USB cable to your computer USB port

Insert your hard drive into the Hard Drive Bay **A**



NOTE: PLEASE DO NOT REMOVE YOUR HARD DRIVE OR INSERT A NEW ONE WHILE THE OTHER HARD DRIVE IS IN USE

When using a second hard drive, insert it into Hard Drive Bay **B**

Press the Power Switch to ON

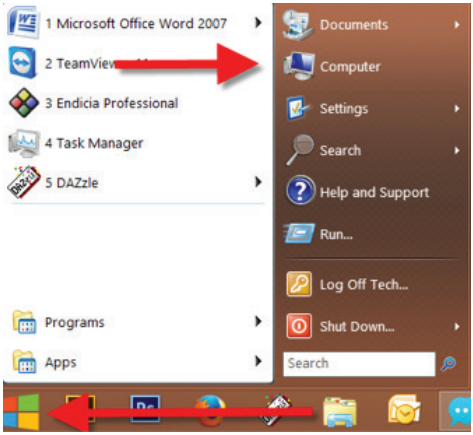
NOTE: PLEASE DO NOT REMOVE YOUR HARD DRIVE WHILE IN USE

You should get Blue LEDs on HDD **A** and HDD **B** when using both drive bays
You should also get a Green LED on the Power Indicator

When not in use, press the Power Switch to OFF

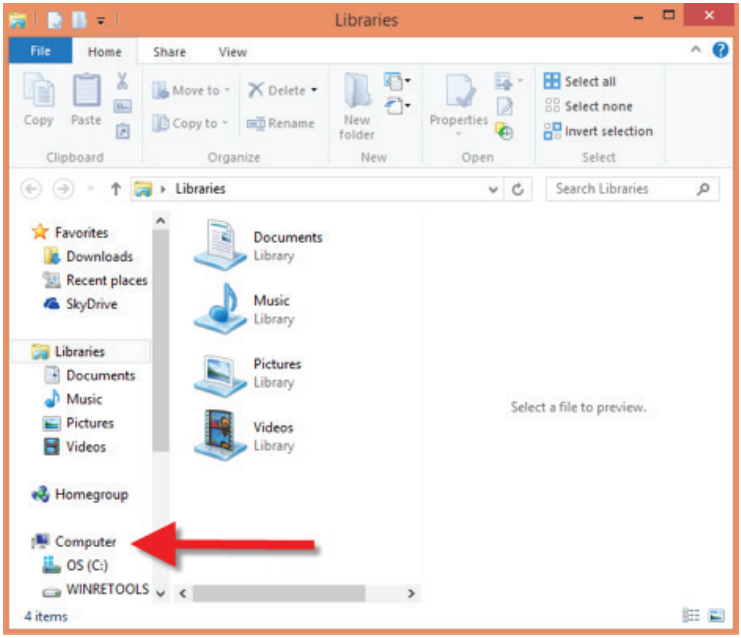
WINDOWS PC HARD DRIVE WITH DATA/FILES

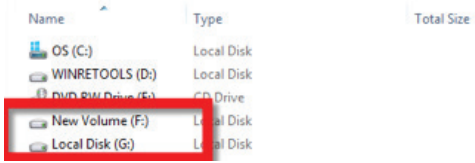
Click on the **Start Icon** located on the bottom left of the screen and then click on **Computer**



Note:
You can also click on the File Explorer Icon and then click on This PC or Computer

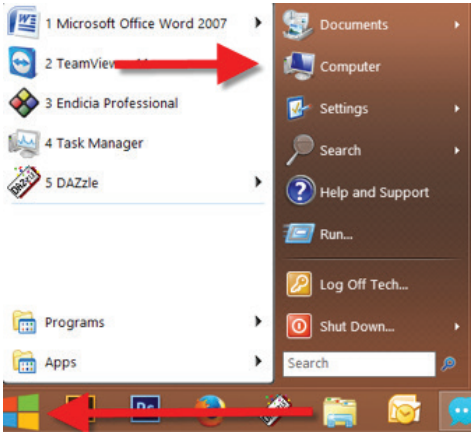
You should get a new drive letter
every time you insert a hard drive with data/files



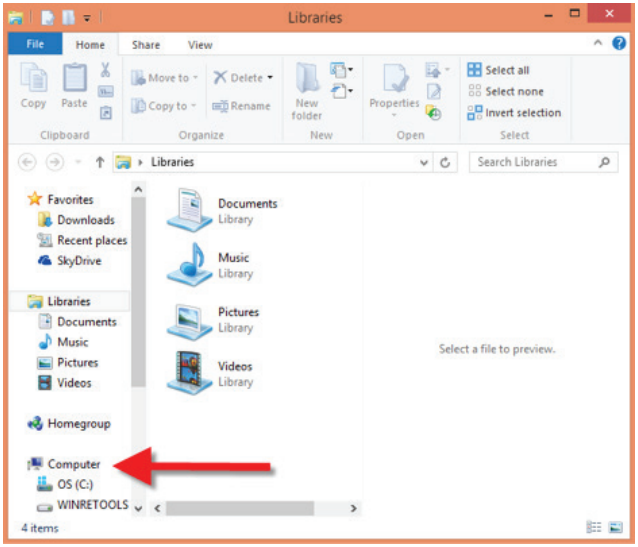


WINDOWS PC NEW HARD DRIVE SETUP (HARD DRIVE WITH NO DATA/FILES)

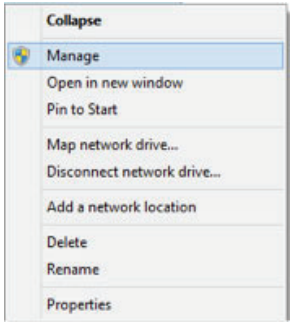
Click on the **Start Icon** located on the bottom left of the screen and then **RIGHT** click on **Computer**



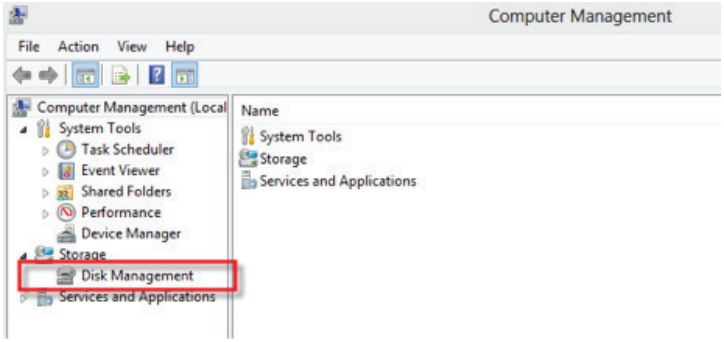
Note:
You can also click on the File Explorer Icon and then click on This PC or Computer



Click on **Manage**

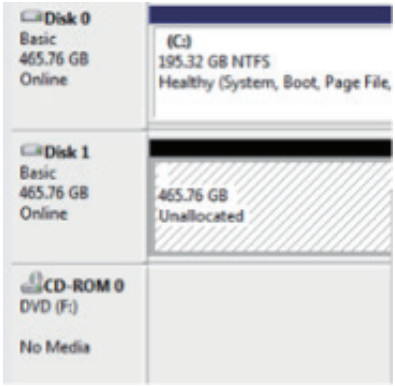


Click on **Disk Management**

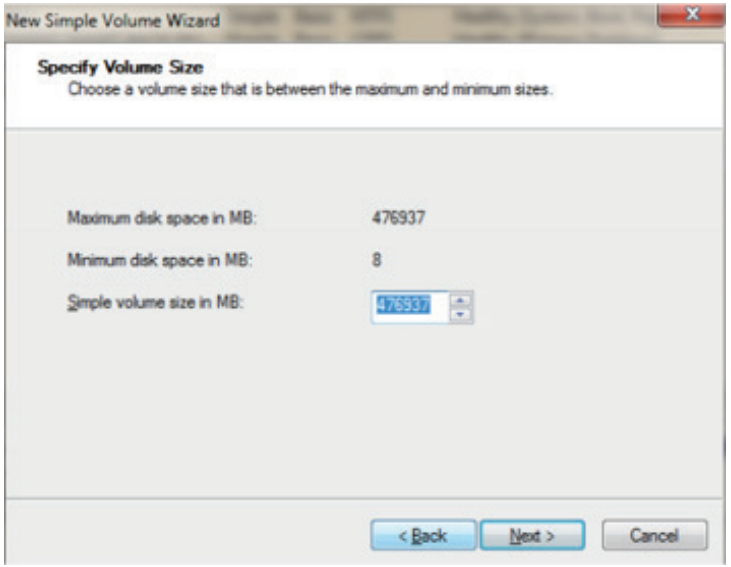


Note: Disk 0 should be your internal hard drive
Disk 1 should be your external hard drive but SETUPS MAY DIFFER

RIGHT click on **Unallocated** and click on **New Simple Volume**

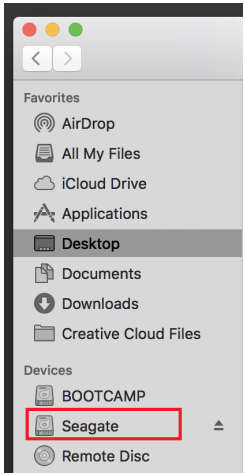


Go through the **Setup Wizard** to assign a drive letter



MAC OS HARD DRIVE WITH DATA/FILES

A new Icon should pop up on your main screen each time you insert a hard drive with DATA/Files

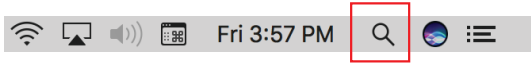


Click on the Icon to view your hard drive

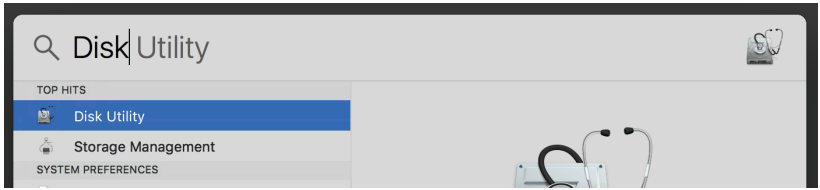
Note: You can also click on the Finder icon and select your hard drive under Devices

MAC OS NEW HARD DRIVE SETUP (HARD DRIVE WITH NO DATA/FILES)

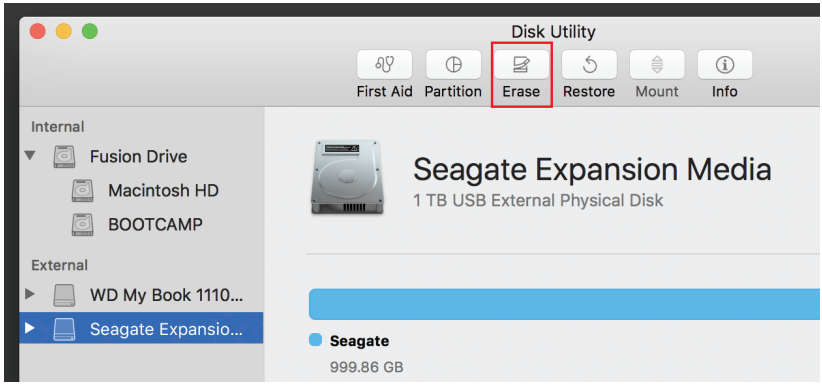
Click on the **Search Icon** on your toolbar



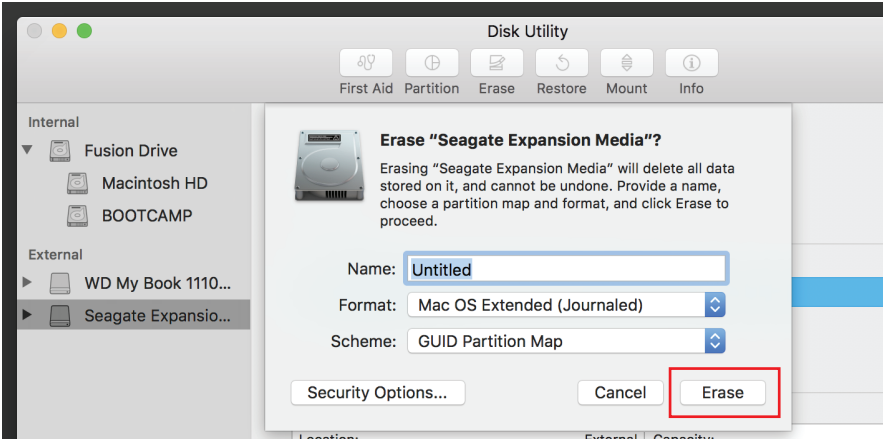
Type in **Disk Utility** and click on it



Click the icon for your external hard drive located in the sidebar on the left
Click on the **Erase** tab at the top of the window



Select the volume format you want and give it a name



Click on **Erase**

NOTES

- This is backwards compatible on USB 2.0 and 1.1 with their transfer speeds.
- Please do not remove your hard drive while hard drive is being accessed.
- The dock will automatically go into sleep mode if the connection is left idle for more than 30 minutes.
- Accessing the hard drive will automatically cancel sleep mode and power back up the hard drive.

TROUBLESHOOTING/SUPPORT

Power LED does not come on?

- Make sure that you have a tight connection between the power adapter and dock.
- Try it on a different power outlet.

HDD LED does not come on?

- Re-seat the hard drive into the bay.
- Swap the hard drive out with a spare.

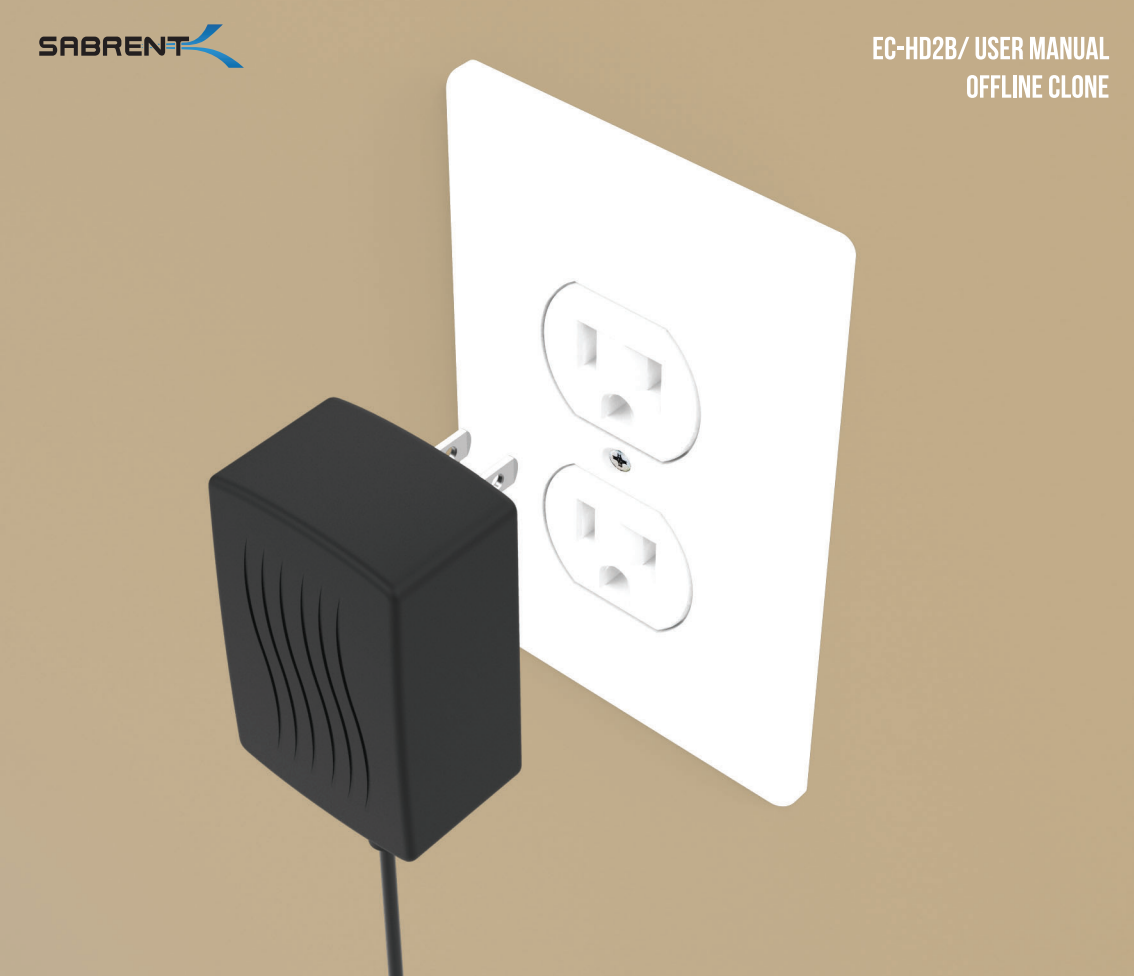
Computer does not recognize the hard drive?

- Make sure that you have a tight connection between the dock and 3.0 cable.
- Try the USB cable on a different USB port on your computer.
- New hard drives must be setup, please review new hard drive setup for your OS.
- Swap the hard drive out with a spare.

Please contact our Technical Support team if issues continue

OFFLINE CLONE

Connect the power adapter to the back of the dock



Connect the power adapter to a power outlet

Insert your Source hard drive into HDD **A**

NOTE: THE CAPACITY OF YOUR TARGET HDD B MUST BE EQUAL OR GREATER WHEN COMPARED TO YOUR SOURCE HDD A YOU CAN'T CLONE INTO A HARD DRIVE WITH LESS CAPACITY

Insert your Target hard drive in HDD **B**

Press the Power Switch to ON

NOTE: PLEASE DO NOT REMOVE YOUR HARD DRIVE WHILE IN USE

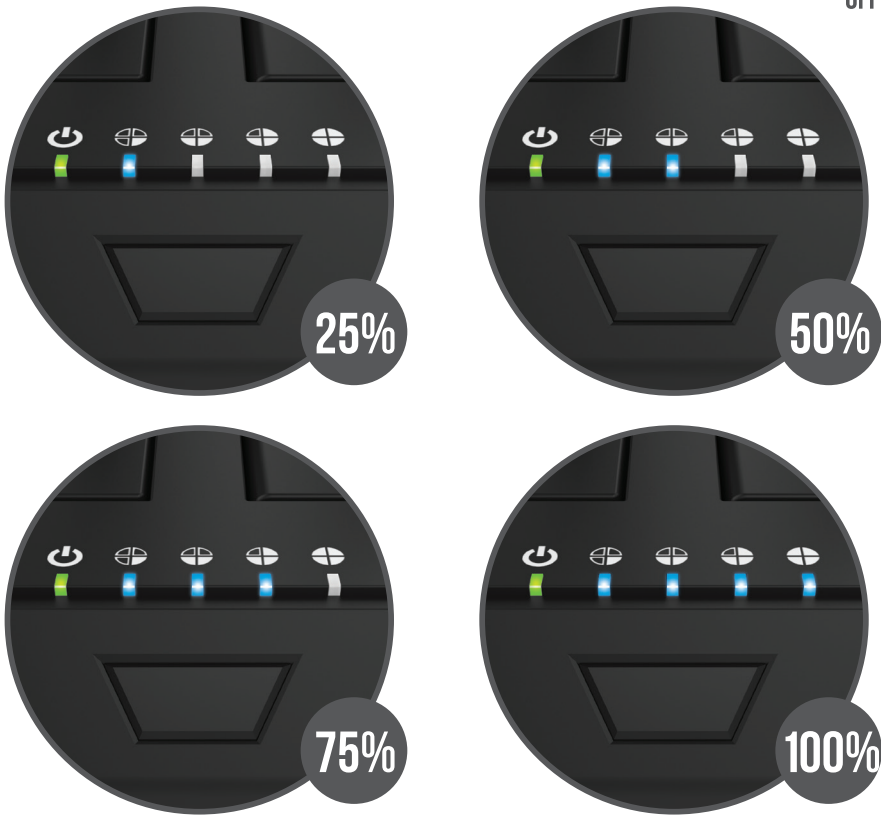
You should get Blue LEDs on HDD **A** and HDD **B**
You should also get a Green LED on the Power Indicator

NOTE: PLEASE DO NOT REMOVE YOUR HARD DRIVE WHILE IN USE

Hold Down the **Offline Clone Button** and release
when you see a Blue LED illuminate in the Status LED Indicator

NOTE: THE OFFLINE CLONE OPERATION WILL START WHEN A BLUE LED IN THE STATUS LED INDICATOR BEGINS TO FLASH

Then quickly press the **Offline Clone Button**



WHEN COMPLETED YOU WILL GET SOLID BLUE LEDS ON ALL THE STATUS LED INDICATORS

A new LED will turn solid Blue in the Status LED Indicator with each LED representing 25% completion

Power off the dock and remove your hard drives

NOTES

- All data in HDD B will be deleted once offline clone starts.
- We highly recommend backing up all your data first before you clone your hard drive.
- Hard drive with bad sectors might not clone. Simply replace it with a new hard drive.
- If the capacity for HDD B is bigger than HDD A, the capacity remaining in HDD B upon completion of the offline clone will show up as Unallocated. Go into Disk Management on Windows/Disk Utility on Mac and allocate the remaining capacity.

TROUBLESHOOTING/SUPPORT

Power LED does not come on?

- Make sure that you have a tight connection between the power adapter and dock.
- Try it on a different power outlet.

HDD LED does not come on/ turns off during offline clone?

- Re-seat the hard drive into the bay.
- Try it on the second HDD bay
- Swap the hard drive out with a spare.

Cloning process will not start?

- Power off the dock, re-seat drives, power backup and try again.
- Check if the capacity of HDD B is larger or equivalent to that of HDD A.

Capacity means the actual space that can be used, instead of the one marked on the product. For example, the actual capacity of a disk marked 1000GB or 1TB might only be 930GB. The actual capacity of a hard drive is usually different from that on its label.

- You can check the actual capacity of a hard drive in Windows Disk Management/ Mac Disk Utility.

Please contact our Technical Support team if issues continue

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