



Compatible with USB 3.0 Hard Drive Docking Station for HDD SSD User Manual



WL-ST334U

In the Box

- 1 x USB 3.0 dual bay docking station
- 1 x USB-B to USB-A cable
- 1 x Power adapter 12V/3A
- 1 x USB-A to USB-C adapter
- 1 x Quick start guide

* The design, specifications and contents of this manual are subject to change without prior notice.
Thank you for purchasing WAVLINK's hard drive docking station (ST334U).
Please read the instruction carefully before use and keep it available.

Advantage

- Support HDD/SSD up to 10TB
- Support UASP accelerated transfer protocol
- Automatic replication of HDD or SSD (clones from A to B) at a click of the button
- Use the dedicated DC power adapter certified by PSE
- USB3.0-B (compatible with USB 2.0/1.0)
- Support UASP (USB Attached SCSI Protocol) when connected to the USB3.0 interface of the computer host, up to about 5 Gbps transmission rate. It can also be connected to a USB 2.0 or host in lower version, but the upper limit will be the regular USB 2.0 standard (up to about 480 Mbps)
- Support systems: Windows/MAC/OS/LinuxSupport SATA3.0 (compatible with SATA2.0/1.0)
- The HDD/SSD connection port is a (7 + 15) Pin SATA connector and supports high speed SATA3 standard
- Compatible with HDD/SSD of 2.5 or 3.5 inches
- You can connect two HDD/SSD at the same time, but only 2.5-inch and 3.5-inch combinations are supported.

Specification

- USB B port for computer connection (support USB3.0/2.0/1.0)
- Including one USB3.0 cable (1.0m)
- SATA port 7+ 15PIN for HDD /SSD connection (support SATA3.0/2.0/1.0)
- Dedicated DC power adapter 12V ±5% / 3A
- The size: 162×112×51.5mm
- Automatic clone button from HDD A to HDD B

Precautions for Safe Use (please follow)

Warning: Obey the following rules to prevent any seriously injured or accident by fire or electric shock

- Please don't disassemble or transform this product. (In case of fire, electric shock or breakdown)
- Keep the product away from water and other liquids. (In case of fire, electric shock or breakdown)
- Do not touch HDD/SSD while the device is working. (In case of electric shock or breakdown)
- For safety, please place it out of children's reach.
- Please don't plug or unplug the hard drive by the children. (In case of accidental swallow)
- Do not use a power adapter other than the dedicated DC power adapter (In case of fire or breakdown)

Note:

Obey the following rules or it may cause an accident or damage the equipment.

- Be sure to turn off the power or disconnect the cable from DC power adapter before plug or unplug HDD/SSD from the slot.
(If an HDD/SSD is plugged or unplugged with power on, the data may be lost or corrupted, or the device may broken.)
- The device gets hot after long time of use. Please be careful in using.

Attention

- Please mind the following in placing:
 - ① Avoid direct sunlight
 - ② Avoid damp area
 - ③ Avoid tilting place
 - ④ Avoid static sparking
 - ⑤ Avoid places very from normal environment
- Do not use other DC power adapters. (May cause an accident)

Maintenance

- For the best performance, please connect it to the USB 3.0 port of your PC. USB 2.0 is supported but USB 3.0 is recommended.
- When unused for a long time, please turn off the power supply and disconnect the DC power adapter for safety and energy saving.
- To avoid damage of the docking, please be careful of vibration and impact.
- In no event will WAVLINK be liable to any party for any direct or indirect damage, data loss and so on in the process of product use.
- (If the HDD /SSD already has data, please backup the data in advance in case of any accident during the connection.)

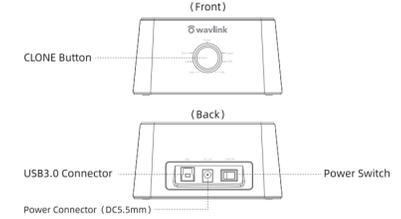
Attention

- Be sure to disconnect the power when cleaning. Please wipe the docking station with a soft cloth.
- Please don't use thinner, aniline, wax, etc.

Overview



- ① HDD A slot (copy source)
 - ② HDD B slot (copy target)
- Please install the copy source HDD (SSD) when you CLONE in the automatic replication function.
Please add the copy target hard disk (SSD) when you CLONE in the automatic replication function.



Connect to the computer

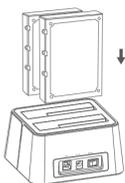
Step 0 Make sure the power is off

Please unplug the DC power adapter.
(Note) Please note that the HDD/SSD plugging/unplugging under power supply will damage the HDD/SSD.



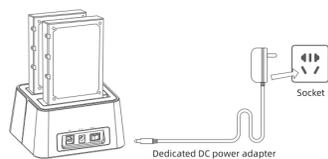
Step 1 Install the HDD/SSD

Place the connector of HDD down in line with the SATA connector of the device, vertically and slowly insert the HDD/SSD to slot until it sticks.



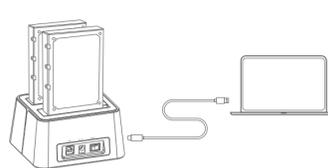
Step 2 Connect the DC adapter (power adapter)

Connect the dedicated DC power adapter and switch the power of device to "on" to turn on the power.



Step 3 Install the USB cable

Please connect the USB cable to the computer you are using.



Step 4 Use it as your computer's external hard drive

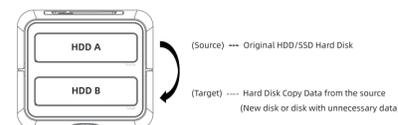
Power on the device, the computer will automatically identify and get ready for the product.
When the device is normally identified and ready to use, the HDD A and HDD B lights up and the CLONE indicator start flashing.
The HDD/SSD installed in this docking station can become external hard disks (removable disks) for the PC.

Cloning of HDD

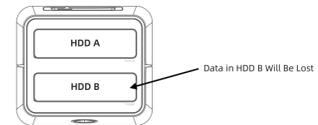
Use automatic replication function to CLONE hard disk

Pre-Use Confirmation

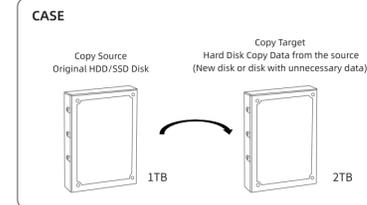
- The automatic replication function of this docking station only supports from HDD A (copy source) to HDD B (copy target). Be sure to plug the original hard disk into the "HDD A slot".
- HDD A (copy source): The original hard disk with the data that you want to copy
- HDD B (copy target): Hard disk that data is copied starting from the copy source



- When using automatic replication function, HDD B (copy target) will be initialized and all data will be lost, so please make sure you don't have any important data in it before copying.



- When using automatic replication function, please select a hard disk with the same or higher capacity as HDD A (copy source) at HDD B (copy target). The data can't be copied correctly to a disk with a smaller capacity than HDD A (copy source).

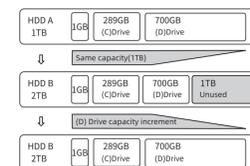


- The data can't be copied properly if the hard disk at the copy target is damaged. CLONE will fail if the hard disk (HDD B) at the copy target is used before and part of the sector is broken, so it's better to use a new hard disk.

If the hard disk is used, check the hard disk with your computer after copying and keep the original hard disk as the copy source until you are sure that the copy is complete. Do not delete or format data.

- After self-replication, HDD B has the same partitions and unallocated space as HDD A. If you want to use the full capacity of HDD B, you can use partition management software on your computer to increase the capacity of the last partition or format it as a new drive.

1. Final drive space expansion



2. Append new driver



Start CLONE

(Steps 0 ~ 2 are the same as "Connect to the Computer")

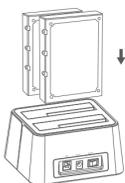
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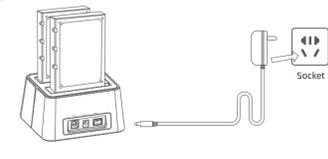
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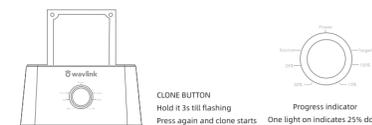
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Connect the dedicated DC power adapter and switch the power of device to "on" to turn on the power.



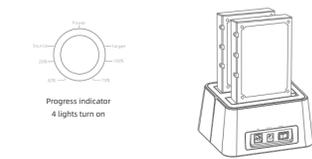
Step 3 Start Clone

HDD/SSD replication can be performed by pressing the CLONE button even if the computer is not connected.
Hold the CLONE button for about 3 seconds, then press the CLONE button once immediately (After 3 seconds the blink will disappear, then you need to hold 3 seconds to try again).
The device then starts copying the hard disk. You can see the progress through four indicator lights (1, 2, 3, 4).
(One light on indicates 25% done.)



Step 4 CLONE Complete

When the automatic replication is completed, four lights (1,2,3,4) turn on.



Attention

When the automatic replication is completed, you can connect the docking station and the computer with USB cable, then HDD A and HDD B will be automatically identified as removable disks of the computer.

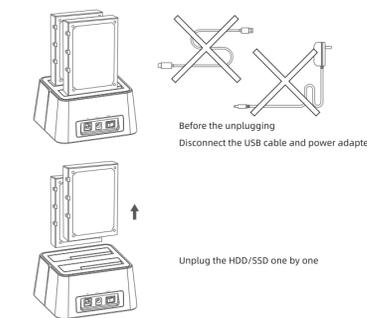
This product can also start automatic copy by pressing the CLONE button when connecting with a computer. During CLONE, the hard disk is disconnected from the computer, and when it's done, the HDD A and HDD B are automatically connected to the computer again.

Step 5 Unplugging steps after CLONE

- (The following is the operation on Windows 10 computer)
- ① Click the "hardware safe unloading" icon on the computer task tray.
 - ② Set the power switch of the product to "off".
 - ③ Disconnect the USB cable and dedicated DC power adapter.
 - ④ Unplug the HDD/SSD disk one by one from the docking station.

Attention

To prevent disk damage or accidents, please don't plug or unplug HDD/SSD until the power is turned off and the DC power adapter is disconnected



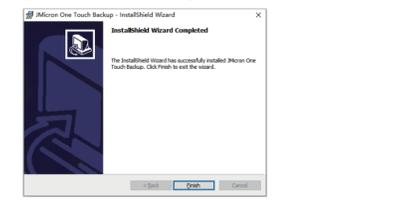
Easy Backup

About Download

- Download the "JM_0TB" driver from WAVLINK official website "www.wavlink.com". (Click Supports->Driver->Storage to find and install the corresponding drive.)
- Install the driver on your computer.
- 1) Please double-click "setup.exe" to install.

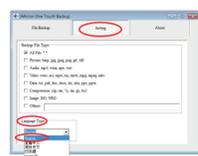


2) Please follow the instructions to complete the installation.



About Usage

Double-click "JM_0TB" on the desktop to open the "Setting" page and select "English" in the "Language Type".



Then you can back up on "File Backup" page.

1. About Backup

- 1) Your disk will be displayed in "USB Device". Select the disk (backup target) to use.
- 2) Click "Add" and select the folder you want to backup. (For folders you don't want to back up, click "Delete.")
- 3) Click "Backup" to start backup. (You can see a progress bar during the process.)



(4) The data backed up is in a folder named "Backup".



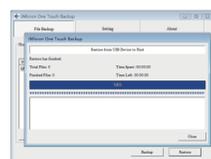
About Data Restoration

Use "JM_0TB" to restore folders on the File Backup page
(1) First select the disk with the folder you want to restore.
Then select the folder on the right that you want to restore.



(2) Then click "Restore" to start the restoration.

You can see data movement and status of the progress bar. The restored folder will be returned to its original location on your computer.



Thank you for
purchasing WAVLINK
product!



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WAVLINK SUPPORT (@WavlinkTechSupport)