Cable Matters

USB 3.0 to Dual SATA Hard Drive Docking Station
with Standalone Clone Function

Model 202014

User Manual

(Available in a PDF file)

Email: support@cablematters.com

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1. Introduction

1.1 <u>Introduction</u>

Thank you for your purchase from Cable Matters® Inc., the 'Reliable Connectivity' company. This User Manual provides an overview of the features and installation of your new

USB 3.0 to Dual-SATA Hard Drive Docking Station with Standalone Clone Function

Please read these instructions carefully before connecting, operating or configuring this product. Please keep this manual for future reference.

Contact <u>support@cablematters.com</u> for questions or product support.

1.2 <u>Copyright and Trademarks</u>

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1.3 <u>FCC Compliance Statement</u>

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device must not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

2. PRODUCT OVERVIEW

2.1 <u>Package Contents</u>

Please check that the following items are contained in the package:

      1 x USB 3.0 Dual SATA HDD Docking Station with Cloning
      1 x USB 3.0 Type-A to Type-B Cable
      1 x USB 3.0 Type-A to Type-C Cable
      1 x 12v 3A AC Power Adapter
      1 x User Manual (available in a PDF from cablematters.com)

2.2 Product Description

The Cable Matters® USB 3.0 Dual SATA HDD Docking Station with Cloning supports 2.5" or 3.5" Hard Disk or Solid State SATA I/II/III drives without any tools or software drivers. Connect it to your computer or laptop for fast file transfers, data recovery or drive imaging at SuperSpeed USB 3.0 data transfer rates. Use the standalone one-button clone function for quick and secure sector by sector hard drive duplication without a computer host. The Dual-Bay Dock provides simultaneous read/write access to both drives and uses external power for stable drive performance.

2.3 Product Features

- Supports 2.5" and 3.5" SSD/HDD SATA I/II/III hard drives
- Compact Docking Station weighs less than 1 pound
- One-Button standalone clone function provide fast drive duplication
- Supports SuperSpeed USB 3.0 data transfer rates up to 5Gbps
- Access both drives simultaneously from your computer

2.4 System Requirements

|	
Computer	USB 3.0/2.0 or USB-C computer port
Supported OS	Windows XP, Vista, 7, 8, 8.1, 10
	Mac OS 10.6 or higher, Chrome OS
	Linux 2.6 or higher
AC Power	Available electrical outlet within 4 feet of Dock
SSD/HDD	2.5 / 3.5 inch SATA I/II/III

## 3. Connection and Operating Instructions

3.1 Diagram of Connections
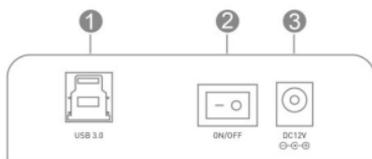
DOCK REAR PANEL

1. SuperSpeed USB 3.0 Type-B port

2. DC 12V Power Adapter input

3. Power ON/OFF button
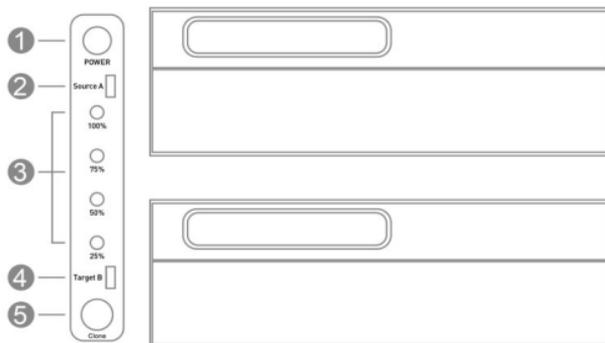
DOCK TOP PANEL

1) Power Status - Green LED

2) Source Drive A - Yellow LED

3) 25-100% Progress - Blue LEDs

4) Target Drive B - Yellow LED

5) Clone/Duplication Button

Hold both the Dock and HDD drive when removing a drive

3.2 HDD Installation - USB Cable Mode

Dual Dock
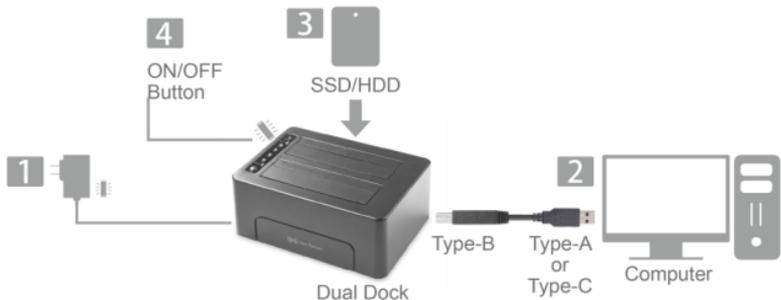
1) Connect the Dock to the AC power adapter and an electrical outlet.

2) Connect the USB cable from your computer to the Dock.

3) Insert an HDD into either bay A or bay B by while depressing the hinged doors. Check for proper alignment with the drive connectors.

4) Depress the ON/OFF button on the Dock rear panel. Check that the green LED Power light is lit.

5) The computer should immediately detect the Dock USB connection, download any necessary USB drivers, and mount the drive.

IMPORTANT NOTES:

- A new HDD must be formatted before your computer can use the drive.

- Turn off the power and hold the Dock securely before removing the drive.

3.3 Formatting an HDD in Windows OS

1) Insert the drive into either bay A or B and turn on the Dock
2) Check that the yellow LED is lit for the bay
3) Open the Disk Management Menu to partition and format the drive

Search for: *Create and format hard disk partitions*

Create and format hard disk partitions
Control panel

- Click *OK* to initialize a new drive
- Select the *external* HDD (NOT the internal computer HDD)
- Right-click on the *Unallocated* portion and select the *New Simple Volume*
- Follow the wizard instructions. Most applications can use the default settings

Use the *Simple Volume Wizard* to perform the following functions:

* Partition a drive   * Format a drive
* Change the drive letter   * Shrink a partition
* Delete a partition   * Change a drive file system type

1) Right-click on the *Unallocated* drive and select **New Simple Volume**
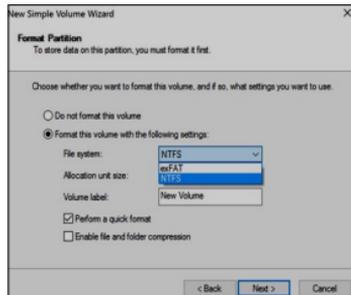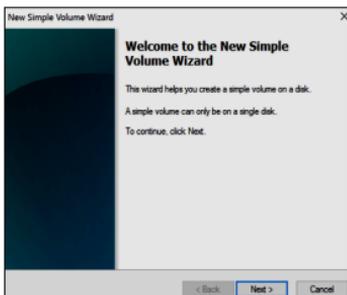
2) Follow the instructions from the New Simple Volume Wizard

- Use the default menu choices when uncertain
- Select the *exFAT* file system to share the HDD with a Mac computer

3) A notification window will list the successful operations. Click *Finish*.

- The drive should now appear as **Healthy** in the Disk Management list

4) Open *File Explorer* to access the drive to transfer files

5) Use the *Safely Remove* icon from the taskbar or the notification area before removing an HDD from the Dock

3.4 Formatting an HDD Formatting in Mac OS

1) Insert a drive into either bay A or B and turn on the Dock

2) Check that the yellow LED is lit by the bay

3) Connect the USB cable to the computer

4) Initialize the drive, if prompted

5) Open Utilities > Disk Utility > Select the HDD drive

6) Click the **Partition** tab

7) Select a Partition scheme. *GUID* is the most common.

8) Enter the *Partition* size and name to format the drive

9) Select the drive format
(*exFat* can share with Windows OS)

10) Click the *Eject* button on the menu before removing the drive
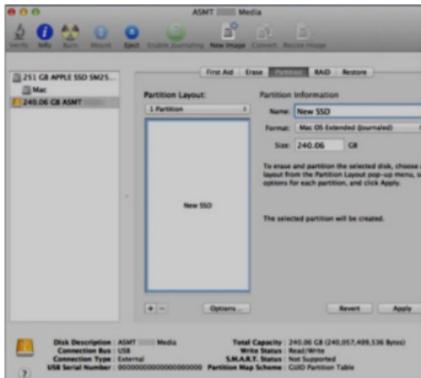
3.5 HDD Duplication - Cloning Mode (Standalone)

1) Connect the Dock to the AC power adapter and power. **NOTE: DO NOT connect the USB cable**

> Do **NOT** connect the USB cable

2) Insert the **Source** HDD (drive with data) into **Source A**

3) Insert the **Target** HDD (drive to receive data) into **Target B**

4) Check for proper alignment with the drive connectors

5) Depress the ON/OFF button on the Dock rear and check for the green LED

6) Check for the yellow LED indicators of Source A and Target B

7) **DO NOT** move the Dock while reading or writing files

8) Press the **Clone** button for 5 seconds and release. The blue 100% LED will light temporarily.

9) Immediately depress the **Clone** button again until the duplication process begins

10) The blue LEDs flash sequentially from 25% to 50% to 75% to 100%

11) When the cloning is finished, all blue LEDs are lit solid

12) Turn off the power before removing the HDD

IMPORTANT NOTES:
- All data on the **Target** drive (Target B) will be erased
- **Target** drive must have equal or larger storage capacity to clone the **Source**
- Cloning feature will NOT function if the USB cable is connected to a computer
- Windows only recognizes 1 drive after cloning. Locate the *Offline* drive and assign a different drive letter to activate it.

3.6 Troubleshooting Notes

No Power: Press the ON/OFF button.

Cannot read the HDD in USB Mode: Ensure that the HDD is properly seated and the yellow Source or Target LED is lit

Unable to start Cloning: Target Bay B must have equal or greater storage capacity than Source Bay A. The USB cable must NOT be connected.

% LED indicators stop flashing during cloning: Source (A) or Target (B) may have bad data sectors that are preventing cloning. Consult the hard drive manufacturer for software to diagnose bad sectors.

Slow file transfer: Check that the computer host port supports USB 3.0

My computer does not detect the adapter:

Check in the computer path to see if your computer recognizes the driver:

Windows: Search Device Manager > Storage controllers > ASMT SCSI Disk Device

Mac: Apple Menu > About this Mac > System Report > Hardware > USB > USB 2.0/USB 3.0 SuperSpeed Bus ASMxxx

Contact **support@cablematters.com** with a description of your hardware configuration and your computer OS

www.cablematters.com

4. TECHNICAL SPECIFICATIONS

Hard Disk Drive Support:	SATA I (1.5 Gbps), II (3 Gbps), III (6 Gbps) Hard Drives
	2.5" and 3.5" SSD/HDD
External Interfaces:	USB 3.0 Type-B female
Drive Connectors:	SATA Data & Power Combo (7+15 pin) Receptacle
Included Cables:	1 x USB 3.0 Type-A to Type-B - 4 Feet
	1 x USB 3.1 Type-C to Type-B - 4 Feet
OS Support USB Host:	Windows XP, Vista, 7, 8, 8.1, 10
	Mac OS X 10.6 and up/ Google Chrome OS, Linux 2.6 and up
Certifications:	FCC, C E, RoHS
Power Adapter I/O:	100-240 VAC, 50/60Hz /12v DC, 3000mA
Dock LED Indicators:	Green / Power
	Blue / Sector duplication activity
	Yellow / bay A & B status activity
Dock Dimensions:	6.0 x 4.3 x 2.5 Inches / 13.75 Ounces
Warranty:	Limited One-Year

Note: Specifications are subject to change without notice

5. Warranty and Support

5.1 Customer Support and Contact Information

Cable Matters offers lifetime technical support as an integral part of our commitment to provide industry leading solutions.

Email us with any questions at **support@cablematters.com.**

5.2 Warranty Information

This product is backed by a limited one-year warranty. The warranty covers parts and labor costs only. Cable Matters does not warrant its products from defects or damages arising from misuse, abuse, or normal wear.

5.3 Limitation of Liability

In no event shall Cable Matters Inc. (including their officers, directors, employees or agents) be liable for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of, or related to the use of this product exceeding the actual price paid for the product (as allowed by state law).