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› BENFEI Dual-Bay USB-C Hard Drive Docking Station with Offline Clone Function and UASP Support User Manual

BENFEI 000423black-EU

BENFEI Dual-Bay USB-C Hard Drive Docking Station User Manual

Model: 000423black-EU

INTRODUCTION

The BENFEI Dual-Bay USB-C Hard Drive Docking Station provides a convenient solution for managing 2.5-inch and 3.5-inch SATA HDDs and SSDs. This device supports simultaneous read/write operations on two drives and features an offline cloning function, allowing data duplication without a computer connection. With USB 3.1 Gen 1 and UASP support, it offers fast data transfer speeds up to 5 Gbps. Its tool-free design ensures easy installation and operation.

WHAT'S IN THE BOX

What's in the Box:

- 1 1 * USB 3.0 to SATA Dual-Bay Hard Drive Docking Station
- 2 1 * USB-A/C to USB-C Cable (3.3 ft / 1 M)
- 3 1 * USB-C to USB-C Cable (Power supply) (3.3 ft / 1 M)
- 4 1 * 33W Fast Charger
- 5 1 * User Manual



Image: The package contents, including the docking station, cables, charger, and user manual.

- 1 x USB 3.0 to SATA Dual-Bay Hard Drive Docking Station
- 1 x USB-A/C to USB-C Cable (3.3 ft / 1 M)
- 1 x USB-C to USB-C Cable (Power supply) (3.3 ft / 1 M)
- 1 x 33W Fast Charger
- 1 x User Manual

PRODUCT OVERVIEW

Easy to Use

No Drivers Needed; Tool-free installation;
Plug & Play; Dual Function

Read & Write Function

1

Insert Hard Drives: Push drives into dock (2 work at once).



2

Plug In Power: Connect included adapter.



3



Connect to Computer: Use USB cable.

4

Power On: Press the button.



Offline Clone Function

1

Insert Both Drives & Power On: Install source and target drives, connect power, press power button.



2



Start Clone: Long-press (3 sec) the Copy button. Progress LEDs show status.

3

Done: All four LEDs light solid when cloning completes.



Image: A detailed diagram highlighting the SATA ports, copy button, LED indicators, power button, USB 3.0-C port, and USB-C power input.

Familiarize yourself with the docking station's components:

- **SATA Ports:** Two slots for inserting 2.5-inch or 3.5-inch SATA HDDs/SSDs.
- **Copy Button:** Initiates the offline cloning process.
- **Disk A Indicator:** LED to show status of Disk A (Source).
- **Disk B Indicator:** LED to show status of Disk B (Target).
- **Copy Indicator:** LEDs to show the progress of the cloning process.

- **Power Button:** Turns the docking station on or off.
- **USB 3.0-C Port:** Connects the docking station to your computer for data transfer.
- **USB-C Power In:** Connects to the included power adapter.

SETUP

1. Power Connection

Connect the included 33W Fast Charger to the USB-C Power In port on the docking station, then plug the charger into a power outlet. Ensure the power switch on the docking station is in the OFF position before connecting drives.

2. Inserting Hard Drives

Compact and High Performance



Image: Visual guide for inserting 2.5-inch and 3.5-inch hard drives into the docking station bays.

With the power off, gently insert your 2.5-inch or 3.5-inch SATA HDD/SSD into the drive bays. The bays are designed for tool-free installation. Ensure the drives are fully seated in the SATA connectors.

3. Connecting to Computer (for Read/Write)

Use the provided USB-A/C to USB-C cable to connect the docking station's USB 3.0-C port to an available USB port on your computer. The docking station is plug-and-play; no drivers are typically required.

4. Initializing New SSDs

For new SSDs, they may need to be initialized and formatted through your computer's Disk Management (Windows) or Disk Utility (macOS) before they can be recognized and used.

OPERATING INSTRUCTIONS

Read & Write Function



Offline Clone
No Need Connect to Computer

Note:

1. Only A to B & Capacity: $A \leq B$.
2. There is no bad block on disk B track; otherwise, the copy process may fail
3. Back up files on the target drive before cloning, Offline cloning will overwrite existing data there.

Image: The docking station connected to a laptop, demonstrating high-speed data transfer.

1. Ensure hard drives are inserted into the dock.

2. Connect the power adapter and plug it into an electrical outlet.
3. Connect the docking station to your computer using the USB cable.
4. Press the Power Button to turn on the device. The Disk A and Disk B indicators will light up if drives are detected.
5. Your computer should now recognize the drives, allowing you to read and write data.

Offline Clone Function



Image: A visual representation of the offline cloning function, indicating data flow from source (A) to target (B).

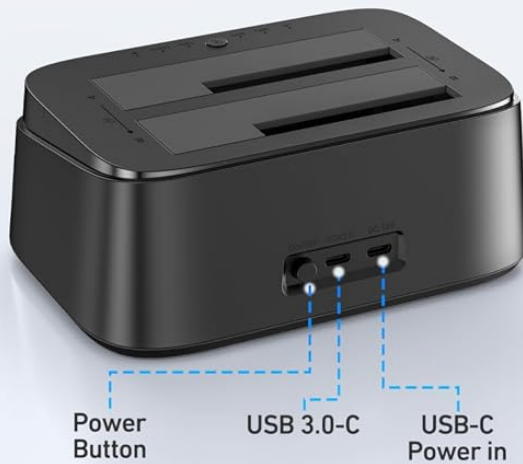
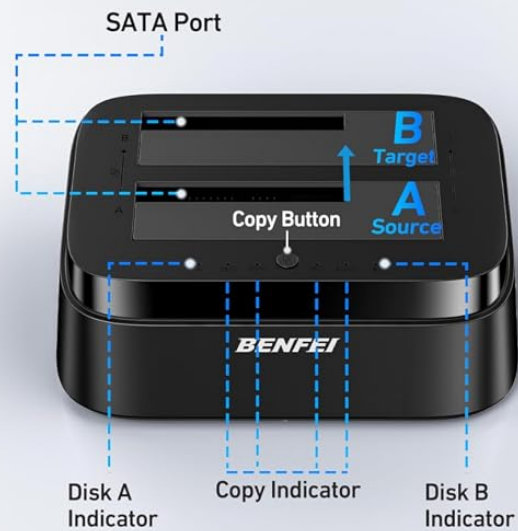
1. Ensure the docking station is powered off.
2. Insert the source drive into Slot A and the target drive into Slot B.
3. Connect the power adapter and plug it into an electrical outlet. Do NOT connect the docking station to a computer.
4. Press the Power Button to turn on the device.
5. Press and hold the CLONE button for 3 seconds until the Copy Indicator LEDs begin to flash. This indicates the cloning process has started.
6. The Copy Indicator LEDs will show the cloning progress (25%, 50%, 75%, 100%).
7. When all four Copy Indicator LEDs are solid, the cloning process is complete.

Important Notes for Cloning:

- Cloning is always from Slot A (Source) to Slot B (Target).
- The capacity of the target drive (Slot B) must be equal to or greater than the capacity of the source drive (Slot A).
- Offline cloning will overwrite all existing data on the target drive. Ensure you back up any important files from the target drive before initiating the cloning process.
- Ensure there are no bad blocks on the target disk; otherwise, the copy process may fail.

COMPATIBILITY

Clearly Labeled for Quick Start-up



Perfect Fit for Your Device with USB-A/C port

Image: A graphic detailing the compatible operating systems and supported SATA drive types and sizes.

Compatible Systems:

- Windows
- Mac OS
- Linux
- Android

Supported Drives:

- 2.5-inch and 3.5-inch SATA I/II/III HDDs and SSDs.
- Supports various brands including Western Digital, Seagate, Toshiba, Samsung, Kingston, Crucial, Hitachi, and more.

IMPORTANT SAFETY PRECAUTIONS

- Always use the included BENFEI charger or a compatible 12V/2.5A power adapter to ensure stable and reliable operation.
- NEVER disconnect the docking station from power or remove drives during data transfer or cloning processes to prevent data loss or damage.
- For safety, always turn off the power switch on the docking station before inserting or removing any drives.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or modify the docking station.

SPECIFICATIONS

Feature	Specification
Model Number	000423black-EU
Interface	USB 3.1 Type C (USB 3.1 Gen 1)
Data Transfer Rate	Up to 5 Gbps (with UASP support)
Compatible Drive Sizes	2.5-inch and 3.5-inch SATA I/II/III HDD/SSD
Max Supported Devices	2 (simultaneously)
Material	Plastic
Power Input	12V/2.5A (via included 33W Fast Charger)
Offline Clone	Supported (PC-independent)

TROUBLESHOOTING

- **Drives not recognized:** Ensure drives are fully seated in the SATA ports. Check all cable connections (power and USB). Try connecting to a different USB port on your computer. For new SSDs, ensure they are initialized and formatted.
- **Slow transfer speeds:** Ensure you are using a USB 3.0/3.1 port on your computer. Verify that UASP is enabled by your operating system (usually automatic).
- **Offline clone fails:** Confirm the target drive's capacity is equal to or greater than the source drive. Ensure no bad blocks are present on the target drive. Double-check that the docking station is NOT connected to a computer during cloning.
- **Power issues:** Ensure the included 33W Fast Charger is used and properly connected to a working power outlet.

MAINTENANCE

- Keep the docking station clean by wiping it with a soft, dry cloth.
- Avoid using liquid cleaners or solvents.
- Store the device in a cool, dry place away from direct sunlight and moisture when not in use.

WARRANTY AND SUPPORT

Your BENFEI Dual-Bay USB-C Hard Drive Docking Station is covered by an **18-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the quality and reliability of the product. For technical support, warranty claims, or any questions regarding your product, please contact BENFEI customer service. Refer to the contact information provided in the packaging or on the official BENFEI website for assistance.