

## MAIWO 2 Bay - CF/SD Card

# MAIWO Dual Bay Hard Drive Docking Station User Manual

Model: 2 Bay - CF/SD Card

## PRODUCT OVERVIEW

The MAIWO Dual Bay Hard Drive Docking Station is designed for convenient access, cloning, and data management of 2.5-inch and 3.5-inch SATA HDDs and SSDs. It features offline cloning capabilities, a USB 3.0 interface for high-speed data transfer, and integrated SD/CF card readers along with an additional USB 3.0 expansion port.



MAIWO Dual Bay Hard Drive Docking Station with two 3.5-inch SATA hard drives inserted, showcasing its primary function.

## Key Features

- **Dual Bay Compatibility:** Supports both 2.5-inch and 3.5-inch SATA HDD/SSD, with each bay supporting up to 24TB, for a total capacity of 48TB.
- **Offline Clone Function:** Allows direct cloning of data from a source HDD to a target HDD without requiring a computer connection. Progress is indicated by LED lights.
- **SuperSpeed USB 3.0:** Provides data transfer speeds up to 5Gbps, backward compatible with USB 2.0 and USB 1.1.
- **Independent Power Supply:** Equipped with a 12V 4A power adapter for stable and reliable operation.
- **Integrated Card Readers:** Features dedicated slots for SD and CF cards, enabling direct read and write capabilities.
- **USB 3.0 Expansion Port:** Includes an additional USB 3.0 Type-A port for connecting USB flash drives or charging devices at 2.4A.

## PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1x MAIWO 2.5/3.5 inch SATA Hard Drive Docking Station
- 1x USB-B to USB-A Data Cable
- 1x 12V 4A Power Adapter
- 1x User Manual

## SETUP INSTRUCTIONS

### Connecting the Docking Station

1. Connect the provided **USB-B to USB-A Data Cable** from the docking station's USB 3.0 port to an available USB port on your computer.
2. Connect the **12V 4A Power Adapter** to the DC 12V input port on the docking station, then plug the adapter into a power outlet.
3. Flip the **ON/OFF switch** on the rear of the docking station to the 'ON' position. The power indicator LED will illuminate.

## MAIWO 2 Bay Multi-functional SATA Hard Drive Docking Station



CF/SD Card Reader



USB3.0



2.5/3.5 inch SATA



Plug and Play



2.4A Phone Charge



Offline Clone



Rear view of the MAIWO Dual Bay Hard Drive Docking Station, showing the USB 3.0 port, ON/OFF switch, and DC 12V power input.

## Installing Hard Drives

1. Ensure the docking station is powered off before inserting or removing drives.
2. Gently insert your 2.5-inch or 3.5-inch SATA HDD/SSD into the appropriate drive bay (HDD1 for Source, HDD2 for Target). Ensure the SATA connectors align correctly.
3. Press down firmly until the drive is securely seated. The elastic plate mechanism will help hold the drive in place.



Illustrations showing how to use two 2.5-inch drives, a mix of 2.5-inch and 3.5-inch drives, and two 3.5-inch drives simultaneously in the docking station.



Diagram showing the elastic plate mechanism inside the drive bays, designed to securely hold 2.5-inch and 3.5-inch SATA drives.

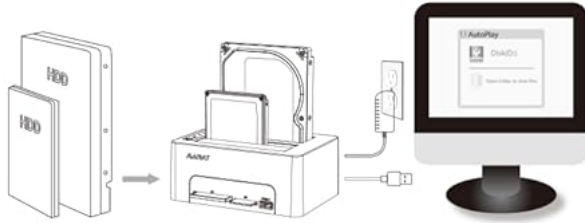
## OPERATING INSTRUCTIONS

### Data Transfer (Read & Write)

1. Ensure the docking station is connected to your computer and powered on.
2. Insert your hard drives into the bays.
3. Your computer should detect the new disk(s) automatically. For new drives, you may need to initialize and format them via Disk Management (Windows) or Disk Utility (macOS) before use.
4. Access the drives through your computer's file explorer to read or write data.

## Read & Write

1. Insert your hard drives.
2. Connect dockcase to power supply and to PC, Switch power button to ON.
3. Your PC will find new disk and install driver automatically if old/used drives.

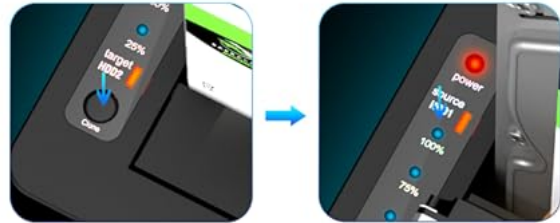


### NOTE:

1. If your drives are new, please right click computer---management---disk management---Initialize disk---create a new simple volume to make the docking station work, the PC won't install driver automatically.
2. Can not read SD and CF card at the same time, only read one of cards at a time.

## Clone Steps

1. Insert source disk into HDD1 slot and target disk into HDD2 slot. (Please make sure the capacity of target disk is larger than source disk, and DO NOT connect dockcase to PC when clone.)



2. Connect dockcase to power supply and switch power button to ON.
3. After the HDD1&HDD2 indicators light up, double-click clone button, clone begin when 25% progress led begins to flash.
4. Clone finish when all 25%-50%-75%-100% led light up.

Diagram illustrating the steps for connecting hard drives for read/write operations and the process for initiating an offline clone.



# USB3.0 High Speed Transfer



PS: The data test by MAIWO team for reference

Diagram illustrating data transfer from the docking station to a computer via USB 3.0, highlighting speeds up to 370 MB/s.

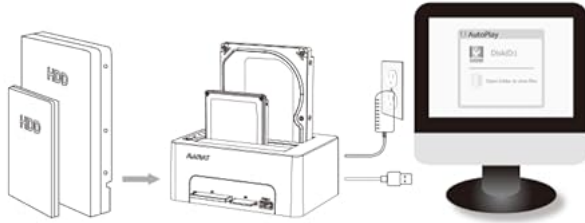
## Offline Clone Function

The offline clone function allows you to duplicate a source drive to a target drive without a computer connection. Ensure the target drive has equal or greater capacity than the source drive.

1. Ensure the docking station is powered off.
2. Insert the **source disk** into the HDD1 slot and the **target disk** into the HDD2 slot.
3. **Do not connect the docking station to a computer** during the cloning process.
4. Connect the power adapter and switch the docking station to the 'ON' position.
5. Once the HDD1 and HDD2 indicators light up, double-click the 'Clone' button. The cloning process will begin, and the LED progress indicators (25%-50%-75%-100%) will illuminate sequentially.
6. The clone process is complete when all progress LEDs reach 100%.

## Read & Write

1. Insert your hard drives.
2. Connect dockcase to power supply and to PC, Switch power button to ON.
3. Your PC will find new disk and install driver automatically if old/used drives.

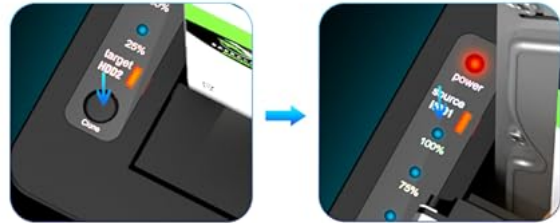


### NOTE:

1. If your drives are new, please right click computer---management---disk management---Initialize disk---create a new simple volume to make the docking station work, the PC won't install driver automatically.
2. Can not read SD and CF card at the same time, only read one of cards at a time.

## Clone Steps

1. Insert source disk into HDD1 slot and target disk into HDD2 slot. (Please make sure the capacity of target disk is larger than source disk, and DO NOT connect dockcase to PC when clone.)



2. Connect dockcase to power supply and switch power button to ON.
3. After the HDD1&HDD2 indicators light up, double-click clone button, clone begin when 25% progress led begins to flash.
4. Clone finish when all 25%-50%-75%-100% led light up.

Diagram illustrating the clone steps for the MAIWO docking station, showing LED indicators for progress.

## Using the Card Reader and USB 3.0 Expansion Port

The docking station includes dedicated slots for SD and CF cards, and an additional USB 3.0 Type-A port.

- Insert your SD or CF card into the corresponding slot on the front of the docking station. The card will appear as a removable drive on your computer.
- Connect USB flash drives or other USB devices to the USB 3.0 Type-A expansion port. This port also supports 2.4A phone charging.
- Note: The docking station can read and write to SD/CF cards, but it does not support cloning HDD data to SD/CF cards. Only one card can be read at a time.



The docking station connected to a laptop, with a smartphone charging via the USB 3.0 expansion port and SD/CF cards inserted into their respective slots.

## MAINTENANCE

To ensure the longevity and optimal performance of your MAIWO Dual Bay Hard Drive Docking Station, follow these maintenance guidelines:

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning. Avoid liquid cleaners.
- Ensure proper ventilation around the docking station to prevent overheating, especially during extended use or cloning operations.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Always power off the docking station before inserting or removing hard drives to prevent data corruption or damage to the drives/device.

## TROUBLESHOOTING

- **Drives not detected by computer:**



- Ensure the docking station is powered on and the USB cable is securely connected to both the docking station and the computer.
  - Try a different USB port on your computer.
  - For new drives, ensure they are initialized and formatted via your operating system's disk management utility.
  - Verify that the hard drives are properly seated in the bays.
- **Offline clone not starting or failing:**
    - Ensure the docking station is NOT connected to a computer during the clone process.
    - Verify that the target drive (HDD2) has a capacity equal to or greater than the source drive (HDD1).
    - Double-check that the source drive is in HDD1 and the target drive is in HDD2.
    - Ensure the 'Clone' button is double-clicked to initiate the process after both drive LEDs are lit.
- **Slow data transfer speeds:**
    - Ensure you are using a USB 3.0 port on your computer for optimal speeds. Connecting to a USB 2.0 port will result in lower speeds.
    - Check the condition of the USB cable. Try a different USB 3.0 cable if available.
    - Performance can also be affected by the speed of the hard drives themselves.
- **Card reader or USB expansion port not working:**
    - Ensure the docking station is powered on and connected to the computer.
    - Try reinserting the SD/CF card or USB device.
    - Remember that only one card can be read at a time.

## SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Model Number          | 2 Bay - CF/SD Card (K3082A)                        |
| Supported Drive Types | 2.5-inch & 3.5-inch SATA I/II/III HDD/SSD          |
| Max Capacity Per Bay  | 24 TB  |
| Total Max Capacity    | 48 TB  |
| Interface             | USB 3.0 Type-B (Host), USB 3.0 Type-A (Expansion)  |
| Data Transfer Rate    | Up to 5 Gbps (USB 3.0)                             |
| Card Reader Slots     | SD Card, CF Card                                   |
| Power Supply          | DC 12V 4A Power Adapter                            |
| Material              | High-Strength ABS Plastic                          |
| Product Dimensions    | 5.98 x 4.29 x 2.44 inches (15.19 x 10.89 x 6.2 cm) |
| Item Weight           | 2.16 pounds (0.98 kg)                              |
| Compatible OS         | Windows Vista/XP/7/8/10, Mac OS, Linux             |

## WARRANTY AND SUPPORT

MAIWO products are designed for reliability and performance. This product typically comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official MAIWO website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact MAIWO customer service

through their official website or the contact information provided in your product documentation.

## PRODUCT VIDEO

Your browser does not support the video tag.

Official product video demonstrating the features and usage of the MAIWO 2-Bay SATA Hard Drive Docking Station with SD Card Reader.