

FIDECO Y-482H

FIDECO USB 3.0 Dual Bay HDD/SSD Docking Station (Model Y-482H) User Manual

Your guide to setting up and operating your FIDECO docking station.

1. PRODUCT OVERVIEW

The FIDECO USB 3.0 Dual Bay HDD/SSD Docking Station (Model Y-482H) provides a convenient solution for connecting 2.5-inch and 3.5-inch SATA I/II/III hard drives and solid-state drives to your computer via USB 3.0. It also features an offline clone function, allowing you to duplicate drives without a computer connection.

Key features include high-speed data transfer up to 5Gbps, broad operating system compatibility, and a stable power supply for reliable operation.



Image 1.1: FIDECO USB 3.0 Dual Bay HDD/SSD Docking Station.

2. SAFETY INFORMATION

- Ensure the power adapter is securely connected to a stable power source.
- Do not expose the device to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the device yourself. Contact support if issues arise.
- Always handle hard drives carefully to prevent damage.
- Disconnect the power adapter before inserting or removing drives, especially during offline cloning.

3. PACKAGE CONTENTS

Please check the package for the following items:

- FIDECO USB 3.0 Dual Bay HDD/SSD Docking Station
- USB 3.0 Data Cable
- 12V/3A Power Adapter
- User Manual



Image 3.1: Contents of the FIDECO Docking Station package.

4. PRODUCT DIAGRAM



Image 4.1: Front and rear view of the docking station with labeled components.

1. **Disk Slots:** For inserting 2.5-inch or 3.5-inch SATA HDDs/SSDs.
2. **Power LED:** Indicates power status.
3. **Disk Activity LEDs (25%, 50%, 75%, 100%):** Indicate cloning progress or disk activity.
4. **Clone Button:** Initiates the offline cloning process.
5. **USB 3.0 Ports:** For connecting to a computer or other USB devices.
6. **DC 12V Input:** For connecting the power adapter.
7. **Power Switch:** Turns the device on or off.

5. SETUP INSTRUCTIONS

5.1. Connecting to a Computer (Online Mode)

1. **Insert SATA HDD/SSD:** Gently slide your 2.5-inch or 3.5-inch SATA HDD/SSD into the disk slot(s) until it is firmly seated. Ensure the drive is inserted correctly with the SATA connector aligned.
2. **Connect USB Cable:** Connect one end of the provided USB 3.0 cable to the docking station's USB 3.0 port and the other end to an available USB 3.0 port on your computer.

3. **Connect Power Adapter:** Plug the 12V/3A power adapter into the DC 12V input port on the docking station, then plug the adapter into a power outlet.
4. **Power On:** Flip the power switch on the back of the docking station to the "ON" position. The power LED will illuminate.
5. **Drive Recognition:** Your computer should automatically detect the connected drive(s). For new drives, you may need to initialize and format them through Disk Management (Windows) or Disk Utility (Mac OS) before use.



Image 5.1: Step-by-step connection process for the docking station.

6. OPERATING INSTRUCTIONS

6.1. Data Transfer (Online Mode)

Once the docking station is connected to your computer and powered on, the inserted drives will appear as external storage devices. You can drag and drop files, copy, paste, or perform any standard file operations as you would with any other external drive.

The USB 3.0 interface supports transfer speeds up to 5Gbps, ensuring fast data access and backup.



Image 6.1: High-speed data transfer via USB 3.0.

6.2. Offline Clone Function (Stand-alone Duplication)

The offline clone function allows you to duplicate a source drive to a target drive without needing a computer. This is ideal for system backups or upgrading to a larger drive.

Important Notes:

- The target drive must be equal to or larger in capacity than the source drive.
- All data on the target drive will be erased during the cloning process. Back up any important data from the target drive before proceeding.
- Do not connect the docking station to a computer during the offline clone process.

Steps for Offline Cloning:

1. **Ensure Power Off:** Make sure the docking station is powered off and disconnected from any computer.
2. **Insert Drives:**
 - Insert the **Source Drive** (the drive you want to copy from) into **Slot 1 (Source HDD)**.
 - Insert the **Target Drive** (the drive you want to copy to) into **Slot 2 (Target HDD)**.

3. **Connect Power:** Connect the 12V/3A power adapter to the docking station and plug it into a power outlet.
4. **Initiate Clone:** Press and hold the **Clone Button** for approximately 3 seconds until the progress LEDs (25%, 50%, 75%, 100%) begin to flash.
5. **Monitor Progress:** The progress LEDs will light up sequentially to indicate the cloning status. Each LED represents 25% completion.
6. **Completion:** When all four progress LEDs (25%, 50%, 75%, 100%) remain steadily lit, the cloning process is complete.
7. **Power Off and Remove:** Turn off the docking station, disconnect the power adapter, and then safely remove the drives.



Image 6.2: Offline cloning process illustration.

7. MAINTENANCE

- Keep the docking station clean and free from dust. Use a soft, dry cloth for cleaning.
- Store the device in a cool, dry place when not in use.
- Avoid blocking the ventilation openings to prevent overheating.

- Always safely eject drives from your computer before powering off the docking station or disconnecting the USB cable to prevent data corruption.

8. TROUBLESHOOTING

Problem	Possible Solution
Drive not recognized by computer.	<ul style="list-style-type: none">• Ensure the drive is properly seated in the slot.• Check if the USB cable is securely connected to both the docking station and the computer.• Verify the power adapter is connected and the docking station is powered on.• Try a different USB port on your computer.• For new drives, initialize and format them via Disk Management (Windows) or Disk Utility (Mac OS).
Slow data transfer speed.	<ul style="list-style-type: none">• Ensure you are using a USB 3.0 port on your computer. USB 2.0 ports will result in slower speeds.• Check the condition of the USB 3.0 cable. Try a different cable if available.• The speed of the drive itself (HDD vs. SSD) will affect transfer rates.
Offline clone fails or does not start.	<ul style="list-style-type: none">• Ensure the docking station is disconnected from the computer.• Verify the target drive's capacity is equal to or larger than the source drive's capacity.• Make sure both drives are properly inserted.• Press and hold the clone button for the required 3 seconds until LEDs flash.
Power LED not lighting up.	<ul style="list-style-type: none">• Check if the power adapter is securely connected to both the docking station and the power outlet.• Ensure the power switch is in the "ON" position.• Try a different power outlet.

9. SPECIFICATIONS

Feature	Detail
Brand	FIDECO
Model Number	Y-482H

Feature	Detail
Dimensions (L x W x H)	11.4 x 10.1 x 5.9 cm
Weight	301 g
Compatible Drive Types	2.5-inch / 3.5-inch SATA I/II/III HDD/SSD
Maximum Drive Capacity	Up to 18 TB per slot
External Interface	USB 3.0 (backward compatible with USB 2.0)
Transfer Speed	Up to 5Gbps (USB 3.0 SuperSpeed)
Power Supply	DC 12V/3A Power Adapter
Operating System Compatibility	Windows XP/Vista/7/8/10, Mac OS 10 and above, Linux
Special Features	Offline Clone Function, Non-slip base



2.5/3.5インチの SATA HDD / SSDに対応可能
最大18TB



SATA HDD 3.5"



SATA HDD 2.5"



SATA SSD 2.5"

10. WARRANTY AND SUPPORT

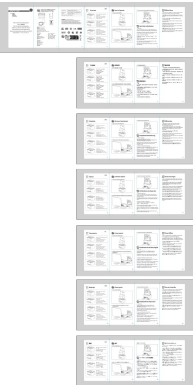


The FIDECO USB 3.0 Dual Bay HDD/SSD Docking Station comes with an 18-month warranty from the date of purchase, ensuring peace of mind for your investment. This product has also acquired the PSE mark, indicating compliance with Japanese electrical appliance safety standards.

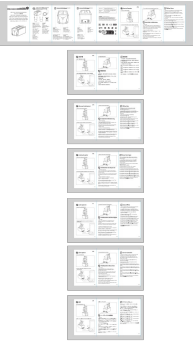


If you have any questions, concerns, or require technical assistance, please do not hesitate to contact our support team:

- Email: support@fideco.cn

We are committed to providing high-quality products and an excellent user experience.

Related Documents - Y-482H

	<p>FIDECO HDD Docking Station User Manual</p> <p>Comprehensive user manual for the FIDECO HDD Docking Station, detailing setup, usage, and features for HDD/SSD enclosures, USB hubs, and PC peripherals.</p>
	<p>FIDECO M248 SSD Enclosure User Manual</p> <p>User manual for the FIDECO M248 SSD Enclosure, providing setup and usage instructions for HDD/SSD docking and USB hub functionality.</p>
	<p>FIDECO PL03 User Manual: SSD Enclosure, Docking Station, USB Hub</p> <p>Comprehensive user manual for the FIDECO PL03, detailing setup, features, usage, and troubleshooting for this versatile SSD enclosure, docking station, and USB hub.</p>

	<p>FIDECO YPZ220C SSD Enclosure User Manual</p> <p>User manual and guide for the FIDECO YPZ220C SSD enclosure, detailing setup, usage, and specifications for connecting HDDs/SSDs and USB devices.</p>
	<p>FIDECO USB 3.0 to SATA IDE Adapter: Quick Start Guide</p> <p>A concise guide to using the FIDECO USB 3.0 to SATA IDE Adapter for initializing hard drives, transferring data, and performing offline cloning operations.</p>
	<p>UNITEK Y-3032 Dual Bay Hard Drive Docking Station User Manual</p> <p>User manual for the UNITEK Y-3032 Dual Bay Hard Drive Docking Station, detailing product overview, package contents, safety instructions, warranty disclaimer, technical data, and cloning instructions. Supports SATA 2.5"/3.5" drives with SuperSpeed 5Gbps transfer rates and offline cloning functionality.</p>