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› ORICO 4-Bay USB 3.0 Hard Drive Docking Station User Manual

ORICO 6648US3-C-V1

ORICO 4-Bay USB 3.0 Hard Drive Docking Station

Model: 6648US3-C-V1

1. INTRODUCTION

The ORICO 4-Bay USB 3.0 Hard Drive Docking Station is designed for convenient access and management of 2.5-inch and 3.5-inch SATA HDDs and SSDs. It supports up to four drives simultaneously and features a standalone 1-to-3 clone function, allowing for direct disk duplication without a computer connection. With USB 3.0 connectivity, it offers high-speed data transfer rates for efficient data handling.



Image: The ORICO 4-Bay USB 3.0 Hard Drive Docking Station, showcasing its four drive bays and sleek black design.

2. FEATURES

- **4-Bay Design:** Supports up to four 2.5-inch or 3.5-inch SATA I/II/III HDDs/SSDs.
- **USB 3.0 Connectivity:** Offers SuperSpeed data transfer rates up to 5Gbps, backward compatible with USB 2.0 and 1.1.
- **1-to-3 Clone Function:** Standalone offline cloning for duplicating data from one source drive to up to three target drives.
- **Tool-Free Installation:** Easy insertion and removal of hard drives without the need for tools or screws.
- **High Capacity Support:** Supports individual drives up to 8TB, for a total capacity of 32TB.
- **Wide Compatibility:** Compatible with Windows XP/7/8/8.1/10, Linux, and Mac OS 9.1 or later.
- **Plug and Play:** No driver installation required; supports hot-swapping.

3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x ORICO 4-Bay Hard Drive Docking Station (Model: 6648US3-C-V1)
- 1 x 12V6A Power Adapter
- 1 x USB 3.0 Data Cable (approx. 3.3 ft)
- 1 x User Manual
- 1 x Service Card

4. SPECIFICATIONS

Specification	Detail
Model	ORICO 6648US3-C-US-BK
Compatible Drives	2.5" & 3.5" SATA I/II/III HDD/SSD
Number of Bays	4
Max Single Drive Capacity	8TB
Max Total Capacity	32TB
Output Interface	USB 3.0 Type-B
Transfer Rate	Up to 5Gbps (USB 3.0)
Power Adapter	12V6A (72W)
Supported Systems	Windows XP/7/8/8.1/10, Linux, Mac OS 9.1 or later

Specification	Detail
Dimensions	22.71 x 15.01 x 14.3 cm
Item Weight	1.5 kg



Image: Detail of the 12V6A power adapter, ensuring stable power supply for multiple drives.

5. SETUP

1. **Connect Power:** Connect the provided 12V6A power adapter to the DC IN port on the back of the docking station and then plug it into a power outlet.
2. **Insert Hard Drives:** Gently insert your 2.5-inch or 3.5-inch SATA HDDs/SSDs into the drive bays. Ensure the SATA connector on the drive aligns correctly with the connector inside the bay. Push firmly until the drive is seated.

Widely Compatible

Fit for 2.5 / 3.5 inch HDD and SSD

4*8 = 32TB Mass Storage



Image: Illustrates the process of inserting 2.5-inch SSDs into the docking station bays.

3. **Connect to Computer (for PC Mode):** If you intend to use the docking station as an external drive enclosure, connect the USB 3.0 data cable from the docking station's USB 3.0 port to an available USB 3.0 port on your computer.
4. **Power On:** Press the power button on the docking station. The power indicator light should illuminate.

6. OPERATING INSTRUCTIONS

6.1. PC Mode (Connecting to Computer)

In PC mode, the docking station functions as an external multi-bay hard drive enclosure, allowing your computer to access the installed drives.

1. Ensure the docking station is powered on and connected to your computer via the USB 3.0 cable.
2. Set the mode switch on the back of the unit to 'PC'.
3. Your operating system (Windows, macOS, Linux) should automatically detect the drives. New drives may require initialization and formatting before use.

4. **Hot-Swapping:** The device supports hot-swapping. However, be aware that inserting or removing a drive while others are active may cause a momentary disconnection of all drives as the system re-enumerates. It is recommended to safely eject or unmount drives before removal, especially if data transfer is in progress.



Image: The ORICO docking station connected to a laptop, demonstrating its use as an external storage solution.

6.2. Clone Function (Offline 1-to-3 Duplication)

The clone function allows you to duplicate data from a source drive to up to three target drives without connecting to a computer. The target drives must be equal to or larger in capacity than the source drive.

Strong Power Supply

78W power adapter provides adequate and stable energy for 4 hard drives' running.



Image: Close-up of the ORICO docking station's rear panel, showing the switch to select between 'CLONE' and 'PC' modes.

1. **Prepare Drives:** Ensure the source drive (containing data to be copied) is inserted into the 'Source' bay (HDD4). Insert the target drives (where data will be copied to) into the 'Target' bays (HDD1, HDD2, HDD3).
2. **Disconnect from PC:** Ensure the USB data cable is disconnected from the computer. The cloning process must be performed offline.
3. **Set Mode:** Set the mode switch on the back of the unit to 'CLONE'.
4. **Power On:** Press the power button. Wait for all drive indicator lights to turn blue, indicating drives are ready.
5. **Initiate Clone:** Press the 'RESET' button once, then press the 'START' button twice quickly.
6. **Monitor Progress:** The drive indicator LEDs will flash red, indicating the cloning process is in progress. Each LED corresponds to a drive.
7. **Completion:** When cloning is complete, the LEDs will show a constant red light, and the unit will emit three beeps.
8. **Power Off and Remove:** Press the power button to turn off the unit, then safely remove the hard drives.



1 to 3 Clone

Image: A top-down view of the docking station, clearly labeling the 'Source' and 'Target' bays for the 1-to-3 clone function.

Important Note on Cloning:

- The target drive(s) must have a capacity equal to or greater than the source drive.
- All data on the target drive(s) will be overwritten during the cloning process. Back up any important data on target drives before proceeding.
- Do not interrupt the cloning process once it has started.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the device to strong impacts.
- **Ventilation:** Ensure the docking station has adequate ventilation during operation to prevent overheating, especially when multiple drives are active.

8. TROUBLESHOOTING

- **Drives Not Recognized:**

- Ensure the power adapter is securely connected and the docking station is powered on.
- Verify the USB 3.0 cable is properly connected to both the docking station and the computer.
- Check if the drive is properly seated in the bay.
- For new drives, ensure they are initialized and formatted in Disk Management (Windows) or Disk Utility (macOS).
- Try a different USB port on your computer.

- **Cloning Fails or Does Not Start:**

- Ensure the USB data cable is disconnected from the computer. The clone function is offline only.
- Verify the mode switch is set to 'CLONE'.
- Confirm that the source drive is in the 'Source' bay (HDD4) and target drives are in 'Target' bays (HDD1-3).
- Ensure target drive(s) capacity is equal to or greater than the source drive.
- Re-attempt the cloning steps carefully: Power on, wait for blue lights, press RESET once, then START twice.

- **Slow Transfer Speeds:**

- Ensure you are connected to a USB 3.0 port on your computer. USB 2.0 ports will result in slower speeds.
- Check the health and speed of the hard drives themselves.
- Avoid running multiple demanding applications during large file transfers.

- **Power Issues:**

- Ensure the power adapter is the original ORICO 12V6A adapter.
- Check the power outlet.

9. WARRANTY AND SUPPORT

This ORICO product comes with an **18-month warranty** from the date of purchase, covering manufacturing defects. Additionally, ORICO provides **lifetime technical support** for this product.

For technical assistance, warranty claims, or further inquiries, please contact ORICO customer support through their official website or the contact information provided on the service card included in your package. Please have your product model number (6648US3-C-V1) and purchase details ready when contacting support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question