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› ORICO 6648US3-C 4-Bay USB 3.0 Hard Drive Docking Station User Manual

ORICO ORICO 6648US3-C-V1-EU-BK

ORICO 6648US3-C 4-Bay USB 3.0 Hard Drive Docking Station User Manual

Model: ORICO 6648US3-C-V1-EU-BK

1. INTRODUCTION

The ORICO 6648US3-C is a versatile 4-bay USB 3.0 to SATA hard drive docking station designed for both 2.5-inch and 3.5-inch SATA HDDs and SSDs. It supports offline cloning, allowing you to duplicate hard drives without connecting to a computer, and also functions as an external storage solution with high-speed data transfer capabilities. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.



Figure 1: ORICO 6648US3-C 4-Bay USB 3.0 Hard Drive Docking Station

This image shows the ORICO 6648US3-C docking station from an elevated angle, highlighting its four top-loading bays for hard drives and the power button on the front. The ORICO logo is visible on the side.

2. PRODUCT FEATURES

- **Offline Clone Function:** Supports 1-to-3 offline cloning for 2.5-inch and 3.5-inch SATA HDDs and SSDs, with a maximum capacity of 4x16TB (64TB total).
- **Stable Power Supply:** Equipped with a 78W power adapter to provide sufficient and stable power for operating up to four hard drives simultaneously.
- **High-Speed Data Transfer:** Utilizes a USB 3.0 to SATA 3.0 connection scheme, offering theoretical transfer speeds of up to 5Gbps.
- **Easy to Use:** Features Plug & Play functionality, requiring no restart or additional driver installation for most operating systems.
- **Wide Compatibility:** Compatible with Windows XP / 7 / 8 / 8.1 / 10, Linux, and Mac OS 9.1 or higher.
- **Tool-Free Installation:** Designed for easy, tool-free insertion and removal of 2.5-inch and 3.5-inch HDDs/SSDs.

2.5/3.5inch Compatibility

Tool-Free installation for 2.5 - inch & 3.5-inch HDD/SSD

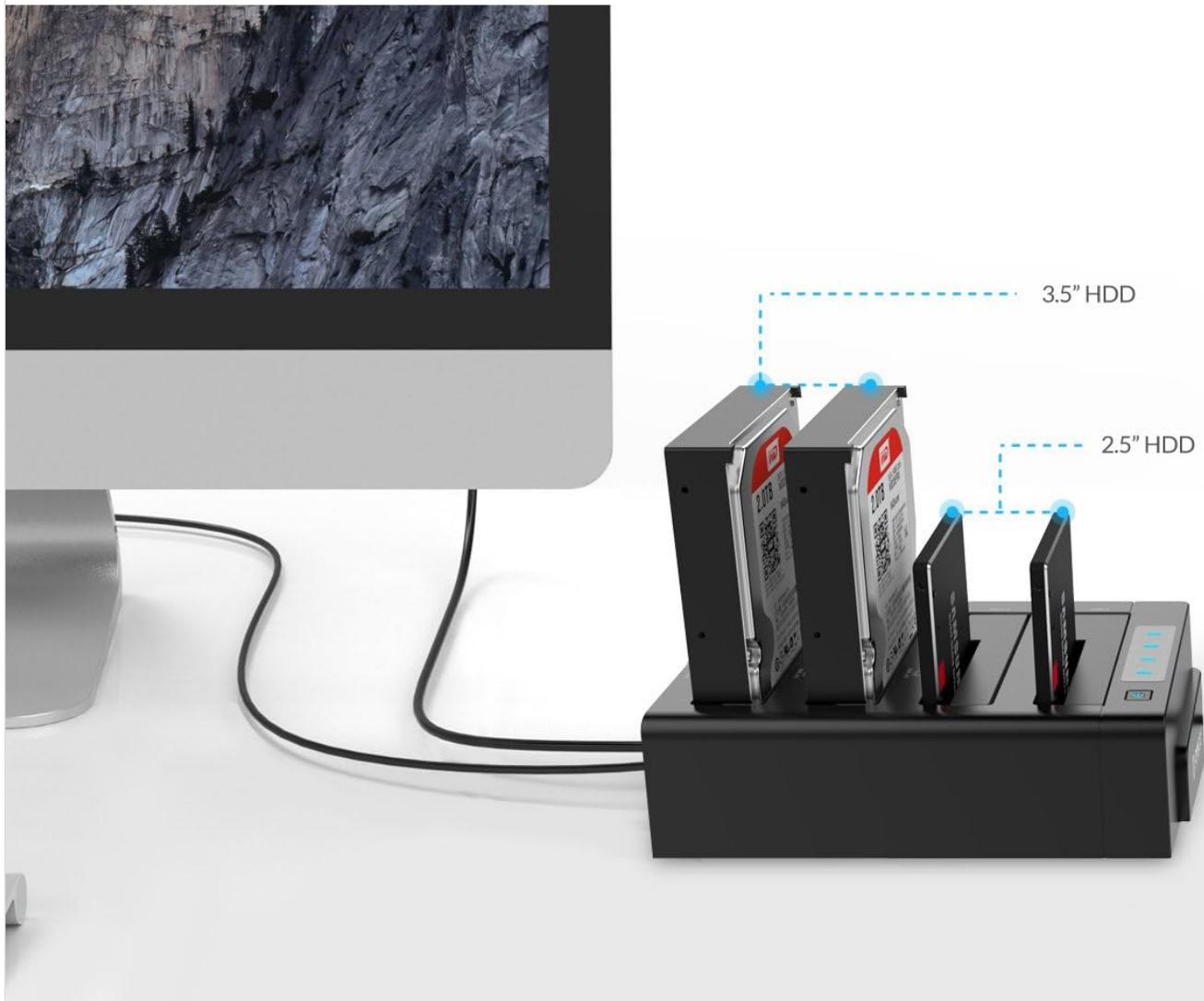


Figure 2: 2.5/3.5 inch HDD/SSD Compatibility

This image illustrates the compatibility of the docking station with both 2.5-inch and 3.5-inch hard drives and SSDs, showing how they fit into the bays. It emphasizes the tool-free installation.

Strong Power Supply

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



Figure 3: Strong Power Supply

This image displays the ORICO docking station along with its 78W power adapter, highlighting the robust power solution provided for stable operation of multiple hard drives.

3. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, please contact ORICO customer support.

- ORICO 6648US3-C 4-Bay Hard Drive Docking Station
- 12V 6.5A Power Adapter
- USB 3.0 Type-A to Type-B Data Cable
- User Manual (this document)

4. PRODUCT DIAGRAM

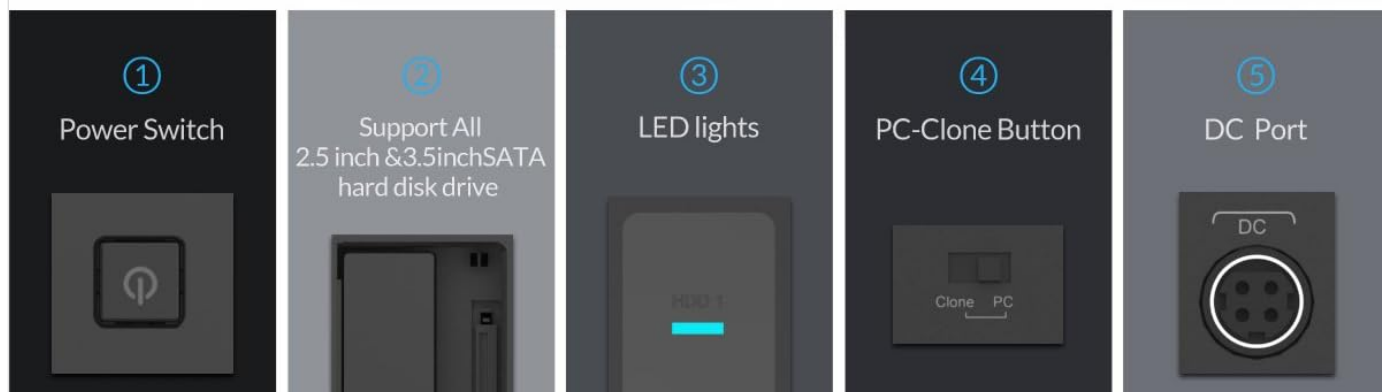


Figure 4: Product Overview and Components

This diagram provides a top-down view of the ORICO 6648US3-C, labeling its key components:

1. Power Switch
2. HDD/SSD Bays (Supports all 2.5-inch & 3.5-inch SATA hard drives)
3. LED Indicators (for each HDD/SSD)
4. PC/Clone Mode Button
5. DC Power Port
6. USB 3.0 Type-B Port

5. SETUP GUIDE

5.1 Initial Setup

1. **Insert Hard Drives:** Gently slide your 2.5-inch or 3.5-inch SATA HDDs/SSDs into the drive bays (HDD1, HDD2,

HDD3, HDD4) until they are securely seated. Ensure the SATA connectors align correctly.

2. **Connect Power:** Connect the provided 12V 6.5A power adapter to the DC Power Port (5) on the back of the docking station, then plug the adapter into a power outlet.
3. **Power On:** Press the Power Switch (1) on the front of the docking station. The power LED will illuminate.

5.2 Connecting to a Computer (PC Mode)

1. Ensure the docking station is powered on and hard drives are inserted.
2. Connect one end of the USB 3.0 Type-A to Type-B data cable to the USB 3.0 Type-B Port (6) on the docking station.
3. Connect the other end of the USB 3.0 cable to an available USB 3.0 port on your computer.
4. Your computer should automatically detect the connected hard drives. For new drives, you may need to initialize and format them through Disk Management (Windows) or Disk Utility (Mac OS) before use.



Figure 5: Connection Diagram

This image illustrates the simple connection process, showing the DC adapter, the USB cable connecting to a PC, and the placement of SSD/HDD drives in the docking station. It also highlights the on/off button.

2 Mode: CLONE & PC

1. Standalone clone without connecting computer

2. PC mode connecting with PC via USB 3.0 port



Figure 6: Clone & PC Mode Overview

This image visually distinguishes between the two primary operating modes: Standalone Clone (without PC connection) and PC Mode (connected via USB 3.0).

6.1 PC Mode

In PC Mode, the docking station functions as an external multi-bay enclosure. All inserted hard drives will appear as individual drives on your computer, allowing you to access, transfer, and manage data as you would with any other external storage device.

- Ensure the USB 3.0 cable is connected to your computer.
- The PC/Clone Mode Button (4) should be in the "PC" position (usually indicated by a blue LED or label).
- The LED Indicators (3) for each active drive will light up.



Figure 7: Docking Station in PC Mode

This image shows the ORICO docking station with four hard drives inserted, connected to a laptop, demonstrating its use in PC mode as an external storage solution.

6.2 Offline Clone Function

The offline clone function allows you to duplicate data from a source hard drive to up to three target hard drives without needing a computer connection. This is ideal for data backup, system migration, or mass duplication.

Important Notes Before Cloning:

- The capacity of the target drive(s) must be equal to or greater than the capacity of the source drive.
- All data on the target drive(s) will be erased during the cloning process. Please back up any important data on the target drive(s) before proceeding.
- Do not disconnect the power or drives during the cloning process. This can lead to data loss or damage to the drives.

Cloning Steps:

1. Ensure the docking station is powered off and disconnected from any computer.
2. Insert the **Source Drive** into the HDD1 bay.
3. Insert the **Target Drive(s)** into the HDD2, HDD3, and/or HDD4 bays.
4. Connect the power adapter and power on the docking station.
5. Press and hold the PC/Clone Mode Button (4) for approximately 3-5 seconds until the LED indicators (3) start flashing. This confirms the cloning process has begun.
6. The progress of the clone will be indicated by the flashing LEDs:
 - 25% complete: HDD2 LED solid, HDD3/HDD4 LEDs flashing.
 - 50% complete: HDD2/HDD3 LEDs solid, HDD4 LED flashing.
 - 75% complete: HDD2/HDD3/HDD4 LEDs solid.
 - 100% complete: All HDD LEDs (HDD1-HDD4) will be solid blue.
7. Once all LEDs are solid blue, the cloning process is complete. You can now safely power off the docking station and remove the drives.

7. MAINTENANCE

- Keep the docking station in a clean, dry environment away from direct sunlight, high temperatures, and humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Do not disassemble the device. Any unauthorized disassembly will void the warranty.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure proper ventilation around the device during operation to prevent overheating.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not recognized by computer.	◦ Loose USB cable connection. ◦ Incorrect USB port used (e.g., USB 2.0 instead of USB 3.0). ◦ Power not connected or device not powered on. ◦ Drive not properly seated. ◦ Drive not initialized/formatted.	◦ Ensure USB cable is firmly connected to both the docking station and the computer. ◦ Connect to a USB 3.0 port on your computer. ◦ Verify power adapter is connected and the device is powered on. ◦ Re-insert the hard drive(s) firmly into the bays. ◦ For new drives, initialize and format them in Disk Management (Windows) or Disk Utility (Mac OS).
Offline clone fails or does not start.	◦ Target drive capacity is smaller than source drive. ◦ Docking station connected to computer. ◦ Clone button not held long enough. ◦ Drives not properly seated.	◦ Ensure target drive(s) capacity is equal to or larger than the source drive. ◦ Disconnect the USB cable from the computer before starting the clone. ◦ Press and hold the clone button for 3-5 seconds until LEDs flash. ◦ Ensure all drives are securely inserted.

Problem	Possible Cause	Solution
Slow transfer speeds.	◦ Connected to a USB 2.0 port. ◦ Old or damaged USB cable. ◦ Hard drive performance limitations.	◦ Ensure connection to a USB 3.0 port on your computer. ◦ Try a different USB 3.0 cable. ◦ Check the health and speed of your hard drives.

9. SPECIFICATIONS

Feature	Detail
Model Number	ORICO 6648US3-C-V1-EU-BK
Brand	ORICO
Product Dimensions	14.4 x 8.1 x 21.7 cm
Weight	1.5 Kilograms
Color	Black
Hardware Interface	USB 3.0 Type A, USB, Solid-State-Drive, USB 2.0
Compatible Devices	2.5/3.5 inch SATA HDD/SSD, MacBook Air, MacBook Pro (and other compatible systems)
Total USB Ports	1 (USB 3.0 Type-B)
Wattage	78 Watts
Input Voltage	12 Volts (DC)
Max Capacity	Up to 4x16TB (64TB total)
Operating System Compatibility	Windows XP / 7 / 8 / 8.1 / 10, Linux, Mac OS 9.1 or higher

10. WARRANTY AND SUPPORT

ORICO products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official ORICO website for detailed warranty terms and conditions specific to your region.

For technical support, troubleshooting assistance, or inquiries about your product, please visit the official ORICO support page or contact their customer service directly. You can often find contact information and FAQs on their website:

Visit ORICO Official Website

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

you@example.com

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