ORICO 6518SUS3

ORICO 6518SUS3 Hard Drive Docking Station User Manual

Model: 6518SUS3

Introduction | Safety Information | Package Contents | Product Overview | Setup | Operation | Maintenance | Troubleshooting | Specifications | Support

1. Introduction

The ORICO 6518SUS3 is a versatile hard drive docking station designed for easy and efficient access to 2.5-inch and 3.5-inch SATA HDDs and SSDs. It features both eSATA and USB 3.0 interfaces, providing high-speed data transfer capabilities. Its tool-free, lay-flat design ensures simple installation and optimal heat dissipation, making it an ideal solution for data backup, recovery, and transfer.

2. Safety Information

- Ensure the docking station is placed on a stable, flat surface to prevent accidental falls.
- Do not expose the device to water, moisture, or extreme temperatures.
- Use only the provided power adapter. Using an incorrect adapter may damage the device and void the warranty.
- Avoid inserting foreign objects into the ports or openings.
- Disconnect the power adapter before cleaning or when the device is not in use for extended periods.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel for any repairs.
- Handle hard drives with care. Static electricity can damage sensitive components.

3. Package Contents

Please check the package contents to ensure all items are present:

- ORICO 6518SUS3 Hard Drive Docking Station
- UK 3-pin Power Adapter
- USB 3.0 Data Cable

- eSATA Data Cable

4. Product Overview

Familiarize yourself with the components of your ORICO 6518SUS3 docking station:



Image: Close-up view of the ORICO 6518SUS3 docking station's rear panel, highlighting the LED indicator, eSATA interface, and power switch.

- **LED Indicator:** Displays the power and activity status of the docking station.
- **Power Switch:** Used to turn the docking station on or off.
- **DC Input:** Connects to the provided power adapter.
- **eSATA Interface:** For connecting to a computer via an eSATA cable, offering high-speed data transfer.
- **USB 3.0 Interface:** For connecting to a computer via a USB 3.0 cable, providing up to 5Gbps data transfer rates.
- **HDD/SSD Slot:** The bay where 2.5-inch or 3.5-inch SATA hard drives or solid-state drives are inserted.

5. Setup

5.1 Connecting the Power Adapter

1. Connect the provided power adapter to the DC input port on the back of the ORICO 6518SUS3 docking station.
2. Plug the other end of the power adapter into a wall outlet.



Image: Close-up view of the ORICO 6518SUS3 docking station's DC input interface, illustrating where the power adapter connects.

5.2 Connecting to Your Computer

The docking station supports both USB 3.0 and eSATA connections. Choose one based on your computer's available ports and desired performance.

Using USB 3.0:

1. Connect one end of the provided USB 3.0 data cable to the USB 3.0 port on the docking station.
2. Connect the other end of the USB 3.0 data cable to an available USB 3.0 port on your computer.

Using eSATA:

1. Connect one end of the provided eSATA data cable to the eSATA port on the docking station.
2. Connect the other end of the eSATA data cable to an available eSATA port on your computer.



Image: The ORICO 6518SUS3 docking station connected to a laptop, demonstrating a typical setup for data transfer.

5.3 Installing a Hard Drive/SSD

The ORICO 6518SUS3 supports both 2.5-inch and 3.5-inch SATA HDDs and SSDs with tool-free installation.

1. Ensure the docking station is powered off.
2. Align your 2.5-inch or 3.5-inch SATA HDD/SSD with the SATA connector inside the docking station's slot.
3. Gently slide the drive into the slot until it is firmly seated and connected. Do not force the drive.



Image: Illustration showing the compatibility of the ORICO 6518SUS3 docking station with both 2.5-inch SSDs and 3.5-inch HDDs, emphasizing the tool-free installation.



Image: The ORICO 6518SUS3 docking station with a 3.5-inch hard drive securely inserted into its lay-flat slot.

For information on compatible Western Digital Red drives, you may visit:http://qr.wdc.com/wdred

6. Operation

6.1 Powering On/Off

- After connecting the power and a hard drive, press the power switch on the docking station to turn it on. The LED indicator will illuminate.
- To power off, ensure all data transfer is complete and safely eject the drive from your operating system, then press the power switch again.

6.2 Data Transfer

Once powered on and connected to your computer, the inserted hard drive will appear as an external storage device. You can now transfer files to and from the drive.

- **USB 3.0:** Offers data transfer rates up to 5Gbps (Gigabits per second). Actual speeds may vary depending on your hard drive, computer's USB controller, and file types.
- **eSATA:** Offers data transfer rates up to 3Gbps (Gigabits per second). Actual speeds may vary.



Image: An exploded view of the ORICO 6518SUS3 docking station, illustrating its internal components and highlighting its "Super Speed" USB 3.0 chipset for data transfer up to 5Gbps.

6.3 Heat Dissipation

The lay-flat design of the ORICO 6518SUS3 is engineered to provide maximum surface area for heat dissipation, helping to maintain optimal operating temperatures for your hard drive and prolong its lifespan. For extensive operations, ensure adequate ventilation around the unit.



Image: The ORICO 6518SUS3 docking station with arrows indicating airflow and heat dissipation, showcasing its "Scientific Design" for exposed HDD cooling.

7. Maintenance

- Keep the docking station clean by wiping it with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure the ports are free of dust and debris to maintain proper connectivity.
- Store the device in a cool, dry place when not in use.

8. Troubleshooting

Problem	Possible Cause	Solution
Device not powering on / LED not lit.	Power adapter not connected or faulty; Power switch not fully engaged.	Ensure the power adapter is securely connected to both the docking station and the wall outlet. Press the power switch firmly. Test with another outlet if possible.

Problem	Possible Cause	Solution
Hard drive not detected by computer.	Drive not properly seated; Incorrect cable connection; Drive not initialized/formatted; Driver issue.	Ensure the hard drive is fully inserted into the slot. Verify the USB or eSATA cable is securely connected to both the docking station and the computer. Check Disk Management (Windows) or Disk Utility (macOS) to see if the drive is recognized but needs initialization or formatting. Try a different USB/eSATA port on your computer.
Slow data transfer speeds.	Using USB 2.0 port instead of USB 3.0; Hard drive performance limitations; System resource contention.	Ensure you are connected to a USB 3.0 port on your computer for optimal USB speeds. Check the health and speed of your hard drive. Close unnecessary applications during large transfers.
Drive gets hot during use.	Prolonged heavy use; Insufficient ventilation.	This is normal during heavy data transfer. Ensure the docking station is in a well-ventilated area. If overheating persists and causes issues, reduce continuous usage time.

9. Specifications

Model	ORICO 6518SUS3-BK
Compatible Drives	2.5" / 3.5" SATA I/II/III HDD & SSD
Max Capacity Supported	Up to 16TB
Interface	USB 3.0, eSATA
Data Transfer Rate (USB 3.0)	Up to 5Gbps
Data Transfer Rate (eSATA)	Up to 3Gbps
Material	Aluminum
Dimensions (LxWxH)	7.09 x 4.8 x 1.61 inches
Weight	15.9 ounces (approx. 450 grams)
Power Supply	12 Volts (via included AC Power Adapter)
Supported OS	Windows

10. Warranty and Support

ORICO products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official ORICO website.
For technical support, troubleshooting assistance, or product inquiries, please contact ORICO customer service through their official channels. You can often find contact information on the ORICO website or within the product packaging.
Manufacturer: ORICO Technology Co.,Ltd
For more information, visit the **ORICO Store on Amazon**.

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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.

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