ORICO 9558U3

ORICO 9558U3 5-Bay 3.5-inch External HDD Enclosure User Manual

Model: 9558U3

1. Product Overview

The ORICO 9558U3 is a 5-bay external enclosure designed for 3.5-inch SATA hard disk drives (HDDs). It provides a robust and efficient solution for expanding storage capacity, supporting up to 80TB (5 x 16TB) of data. Featuring a durable aluminum construction, a built-in cooling fan, and a USB 3.0 interface, this enclosure is suitable for various applications including data backup, media storage, and professional workstations.

Image 1.1: Front view of the ORICO 9558U3 5-Bay External HDD Enclosure.

2. Package Contents

Please verify that all items are present in the package:

- 1x 5-Bay Hard Drive Enclosure (ORICO 9558U3)
- 1x Power Adapter
- 1x 1M USB Type-A Data Cable
- 1x User Manual

If any items are missing or damaged, please contact ORICO customer support.

Your browser does not support the video tag.

Video 2.1: Unboxing and initial setup of the ORICO 5-Bay HDD Enclosure.

3. Setup Instructions

3.1 Installing Hard Drives

1. Ensure the enclosure is powered off and disconnected from your computer.
2. Unlock the drive bay door by inserting the provided key into the keyhole and turning it.
3. Gently pull the drive tray out of the enclosure.
4. Insert a 3.5-inch SATA HDD into the tray, ensuring the connectors align correctly. The tray-less design allows for direct insertion without screws.
5. Slide the loaded drive tray back into the enclosure until it clicks into place.
6. Lock the drive bay door using the key to secure the HDD.
7. Repeat for all desired hard drives.

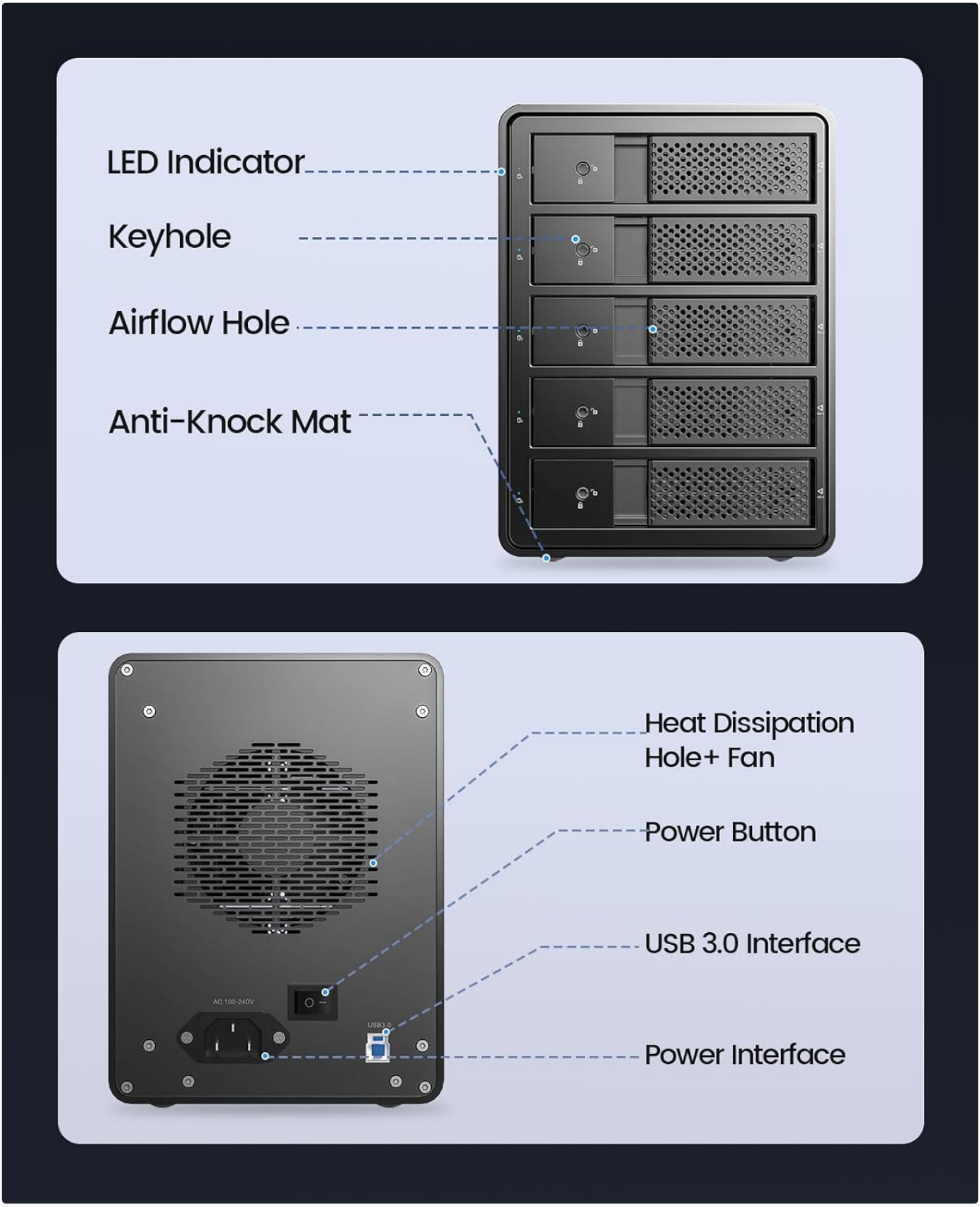

Image 3.1: Diagram showing LED indicators, keyholes, airflow holes, anti-knock mat, heat dissipation fan, power button, USB 3.0 interface, and power interface.

3.2 Connecting to Your Computer

1. Connect the power adapter to the enclosure's power interface and then to a power outlet.
2. Connect the provided USB 3.0 Type-A data cable from the enclosure's USB 3.0 interface to an available USB 3.0 port on your computer.
3. Press the power button on the back of the enclosure to turn it on. The LED indicators on the front will illuminate.

3.3 Initializing and Formatting Hard Drives

For new hard drives, or drives that are not recognized by your operating system, you will need to initialize and format them. This process varies slightly depending on your operating system.

Windows System:

1. Right-click on the 'Start' button and select 'Disk Management'.
2. Locate the unallocated disk(s) corresponding to your newly installed HDDs.
3. Right-click on the unallocated space and select 'New Simple Volume'.
4. Follow the on-screen wizard to assign a drive letter and format the disk (NTFS is recommended for Windows).

macOS System:

1. Open 'Disk Utility' (found in Applications > Utilities).
2. Select the uninitialized disk from the sidebar.
3. Click 'Erase' and choose a format (e.g., APFS or Mac OS Extended (Journaled)).
4. Provide a name for the volume and click 'Erase' to confirm.

Linux System:

1. Open 'Disks' utility (often found in Utilities or System Tools).
2. Select the unformatted disk from the left pane.
3. Click the gear icon or 'Format Disk' option.
4. Choose a file system (e.g., Ext4 for Linux, or NTFS for Windows compatibility) and click 'Format'.

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Video 3.1: Demonstrates how to format and partition a hard drive in Windows, macOS, and Linux operating systems.

4. Operating the Enclosure

4.1 Data Transfer

The ORICO 9558U3 supports USB 3.0, offering data transfer speeds up to 5Gbps. This allows for quick and efficient transfer of large files. Once your drives are properly formatted and recognized by your system, they will appear as standard external drives, and you can drag and drop files as usual.

Image 4.1: Illustration of the ORICO 9558U3 achieving high data transfer speeds.

4.2 LED Indicators

Each drive bay has an individual LED indicator. These LEDs provide status information:

- **Solid Blue:** Drive is powered on and idle.
- **Flashing Blue:** Drive is actively reading or writing data.

4.3 Safety Lock Design

The enclosure features a safety lock design for each drive bay. This mechanism helps prevent accidental opening of the bays and ensures the drives remain securely in place during operation.

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Video 4.2: Highlights the aluminum construction and safety lock design of the enclosure.

5. Maintenance

5.1 Cleaning

To maintain optimal performance, periodically clean the exterior of the enclosure with a soft, dry cloth. Ensure the device is powered off and disconnected before cleaning. Avoid using liquid cleaners or solvents.

5.2 Heat Dissipation

The enclosure is equipped with an 80mm cooling fan and honeycomb holes for efficient heat dissipation. Ensure that the fan vents on the back of the unit are not obstructed to allow for proper airflow. Regular checks for dust buildup in the fan area are recommended.

Image 5.1: Visual representation of the enclosure's safety features, including short-circuit, over-current, over-heat, and over-voltage protection.

5.3 Safe Removal

Always safely eject the hard drives from your operating system before disconnecting the enclosure or powering it off. This prevents data corruption and ensures drive longevity.

6. Troubleshooting

6.1 Drive Not Recognized

- **Check Connections:** Ensure the USB data cable and power adapter are securely connected.
- **Power On:** Verify the enclosure is powered on (blue LEDs should be lit).
- **Disk Management:** For new drives, ensure they are initialized and formatted via your operating system's Disk Management (Windows), Disk Utility (macOS), or Disks (Linux) tool. Refer to Section 3.3.
- **Try Another Port/Cable:** Test with a different USB port or data cable to rule out cable or port issues.
- **Individual Drive Test:** If possible, test the hard drive in another enclosure or directly connect it to a computer to confirm the drive itself is functional.

6.2 Slow Transfer Speeds

- **USB 3.0 Port:** Ensure the enclosure is connected to a USB 3.0 port on your computer. Connecting to a USB 2.0 port will result in slower speeds.
- **Cable Quality:** Use the provided high-quality USB 3.0 cable.
- **Drive Health:** Check the health of your hard drives. Failing drives can cause performance degradation.
- **System Load:** High CPU or disk usage on your computer can affect transfer speeds.

6.3 Enclosure Goes to Sleep / Drives Unresponsive

Some users have reported issues with drives entering a sleep state and not waking up. This behavior can sometimes be related to operating system power management settings or specific drive firmware. Ensure your operating system's power settings for USB devices and hard drives are configured to prevent premature sleep or allow for quick wake-up. Check for any available firmware updates for the enclosure or your hard drives.

7. Specifications

Feature	Specification
Model Number	9558U3
Material	Aluminum
Drive Bays	5
Compatible Drives	3.5-inch SATA I/II/III HDDs
Max Capacity per Drive	16TB
Total Max Capacity	80TB
Interface	USB 3.0 Type A, USB 3.0 Type B
Data Transfer Rate	Up to 5Gbps (USB 3.0)
Cooling System	Built-in 80mm Cooling Fan
Power Supply	Built-in 150W Power Adapter
Compatible OS	Windows XP/Vista/7/8/8.1/10, Linux, macOS
Product Dimensions	10.5 x 6 x 7.6 inches
Item Weight	10.58 pounds

Image 7.1: Overview of key features including 5 bays, 80TB max capacity, aluminum enclosure, 150W power supply, 5Gbps transfer, and fan system.

8. Warranty and Support

ORICO products come with a standard warranty. For specific warranty terms, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official ORICO website. You can also contact ORICO customer service directly for assistance.

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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.

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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