ORICO ORICO 6228US3-US-BK

ORICO USB 3.0 Dual-Bay Hard Drive Docking Station User Manual

Model: ORICO 6228US3-US-BK

1. INTRODUCTION

The ORICO 6228US3-US-BK is a versatile dual-bay hard drive docking station designed for 2.5-inch and 3.5-inch SATA HDDs and SSDs. It provides a convenient solution for data transfer between hard drives and a computer via a USB 3.0 port, supporting the UASP protocol for enhanced speed. This device also features an offline clone function, allowing direct drive-to-drive duplication without a computer connection.
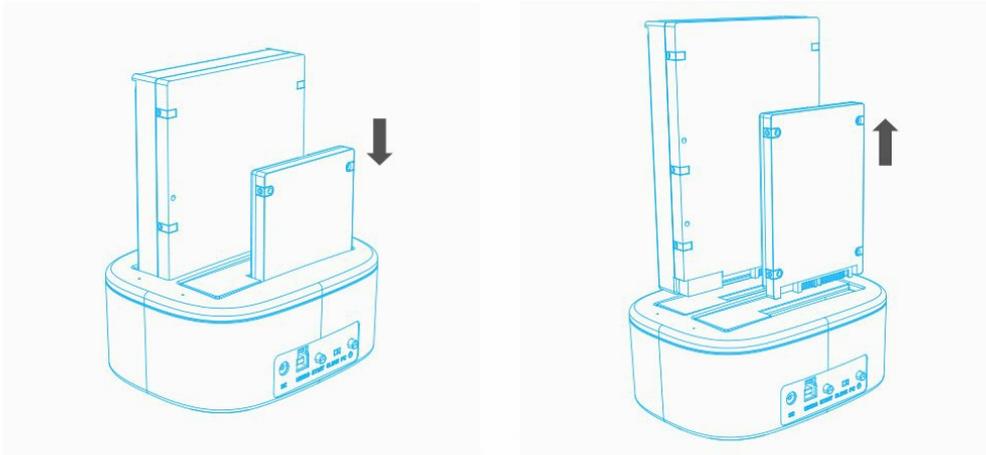
2. PACKAGE CONTENTS

- ORICO Dual-Bay Hard Drive Docking Station
- Power Adapter
- USB 3.0 Data Cable
- User Manual

3. PRODUCT OVERVIEW

Familiarize yourself with the components and interfaces of your ORICO docking station.

Dual-bay Docking Station

1 Power Adapter

2 Computer Type-A Type-B

3 HDD/SSD

4 ON/OFF Button

This illustration provides an overview of the ORICO dual-bay docking station's external components and basic connections. It shows the power adapter (1), the connection to a computer (2) via Type-A or Type-B USB, the insertion of HDD/SSD (3), and the ON/OFF button (4).

This image presents detailed views of the ORICO docking station. The rear view shows the DC power port (1), USB 3.0 interface (2), Start Button (3) for cloning, PC-Clone Button (4), and Power Switch (5). The top view highlights the 2.5/3.5 inch SATA hard drive slots (6) and the LED lights (7) which indicate status and cloning progress.

4. SETUP

4.1. Inserting Hard Drives

1. Ensure the docking station is powered off.
2. Gently slide your 2.5-inch or 3.5-inch SATA HDD/SSD into the designated slots until it is firmly seated. The drives are inserted vertically.

Tool-free Installation

Support 2.5/3.5 inch SATA HDD/SSD up to 8TB,
mount your hard drives in seconds

This image illustrates the tool-free installation process for both 2.5-inch Solid State Drives (SSDs) and 3.5-inch Hard Disk Drives (HDDs) into the ORICO dual-bay docking station. The drives are simply inserted into the designated slots.

4.2. Connecting Power

1. Connect the provided power adapter to the DC power port on the back of the docking station.
2. Plug the power adapter into a wall outlet.

4.3. Connecting to a Computer

1. Connect one end of the USB 3.0 data cable to the USB 3.0 interface on the docking station.
2. Connect the other end of the USB 3.0 data cable to an available USB port on your computer.
3. Turn on the docking station using the Power Switch.

5. OPERATING INSTRUCTIONS

5.1. Using as External Storage

Once connected to your computer and powered on, the inserted hard drives will be recognized by your operating system as external storage devices. You can access, transfer, and manage files as you would with any other external drive. The docking station supports UASP protocol for faster data transfer speeds.

Super Speed

Support SATA III and the UASP Protocol, 20% faster than traditional USB 3.0 by UASP Transfer Protocol

This diagram highlights the 'Super Speed' capability of the ORICO docking station, featuring support for SATA III and the UASP (USB Attached SCSI Protocol). It visually compares the faster read and write speeds achieved with UASP against traditional USB 3.0 transfer protocols.

5.2. Offline Clone Function

The offline clone function allows you to duplicate data from a source drive to a target drive without connecting to a computer.

Prerequisites:

- The target drive must have equal or greater capacity than the source drive.
- Ensure both drives are SATA 2.5-inch or 3.5-inch HDDs/SSDs.
- Backup any important data on the target drive, as it will be overwritten during the cloning process.

Steps for Offline Clone:

1. Ensure the docking station is powered off and disconnected from any computer.
2. Insert the **Source Drive** into the 'Source' slot (usually the upper slot).
3. Insert the **Target Drive** into the 'Target' slot (usually the lower slot).
4. Power on the docking station.
5. Press and hold the 'PC-Clone' button (or 'Start' button, refer to product overview diagram) for approximately 3-5 seconds until the clone progress indicator LEDs (25%, 50%, 75%, 100%) begin to

flash.

6. Release the button. The cloning process will begin. The progress LEDs will light up sequentially to indicate the completion percentage.

7. Once all LEDs are solid (100%), the cloning process is complete. The docking station may emit an audible alert.

8. Power off the docking station before removing the drives.

Offline Clone Function

5.59*4.33*2.26（inch）
142*110*57.5（mm）

4 TB
SATA / 64 MB Cache
WD40EFRX
NASware™ 2.0

1 TB
WD10JFCX
NASware™ 2.0

CLONE PC

25%
50%
75%
100%

Clone Progress Indicator

Target

ORICO®

This image demonstrates the offline clone function of the ORICO docking station. A 4TB HDD is shown as the source drive and a 1TB HDD as the target drive. The blue LED indicators at the front show the cloning progress (25%, 50%, 75%, 100%).

6. MAINTENANCE

- Keep the docking station clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not disassemble the device. Refer to qualified personnel for any repairs.
- Ensure proper ventilation around the device during operation, especially during long cloning processes, to prevent overheating of hard drives.

7. TROUBLESHOOTING

- **Drives not recognized by computer:**
    - Ensure the docking station is powered on and the USB cable is securely connected to both the docking station and the computer.
    - Try connecting to a different USB port on your computer.
    - Check if the hard drive is properly seated in the slot.
    - For new drives, they may need to be initialized and formatted in Disk Management (Windows) or Disk Utility (macOS) before they appear.

- **Offline clone not starting or failing:**
    - Ensure the docking station is disconnected from the computer.
    - Verify that the target drive's capacity is equal to or greater than the source drive's capacity.
    - Ensure both drives are properly inserted into their respective 'Source' and 'Target' slots.
    - Press and hold the 'PC-Clone' button for the specified duration (3-5 seconds) until LEDs flash.
    - If the issue persists, try using different drives to rule out drive-specific problems.

- **Slow transfer speeds:**
    - Ensure you are connected to a USB 3.0 port on your computer. USB 2.0 ports will operate at slower speeds.
    - Verify that your operating system and drivers support UASP.
    - The actual speed may vary depending on the hard drive's performance.

8. SPECIFICATIONS

Feature	Specification
Model Number	ORICO 6228US3-US-BK
Compatible Drives	2.5-inch / 3.5-inch SATA HDD/SSD
Max Capacity per Bay	Up to 10TB (8TB per bay as per product description)
Number of Bays	2
Interface	USB 3.0 (backward compatible with USB 2.0)
Data Transfer Rate	Up to 5 Gbps (USB 3.0)
Protocol Support	UASP
Functions	External Storage, Offline Clone
Compatible OS	Windows, Linux
Dimensions (LxWxH)	19.56 x 17.78 x 7.62 cm
Item Weight	680 g

9. WARRANTY AND SUPPORT

ORICO products typically come with a standard manufacturer's warranty. For specific warranty details,

technical support, or service inquiries, please refer to the warranty card included with your product or visit the official ORICO website. Keep your purchase receipt for warranty claims.