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Yottamaster KB200-C

Yottamaster Dual-Bay Docking Station User Manual

Model: KB200-C

For 2.5" and 3.5" SATA HDD/SSD with Offline Clone Function

1. Introduction

Thank you for choosing the Yottamaster Dual-Bay Docking Station. This device is designed to provide a convenient and efficient solution for data backup, transfer, and offline cloning of 2.5-inch and 3.5-inch SATA hard disk drives (HDDs) and solid-state drives (SSDs). With USB 3.2 Gen 2 connectivity, it offers high-speed data transfer rates up to 10Gbps and supports individual drives up to 18TB capacity.



Figure 1: Yottamaster Dual-Bay Docking Station (KB200-C)

2. Key Features

- **Dual-Bay Design:** Supports two 2.5-inch or 3.5-inch SATA I/II/III HDD/SSD simultaneously.
- **Offline Clone Function:** Allows direct disk-to-disk cloning without connecting to a computer.
- **High-Speed Data Transfer:** USB 3.2 Gen 2 interface provides speeds up to 10Gbps.
- **Massive Storage Support:** Each bay supports up to 18TB drives, totaling 36TB.
- **Tool-Free Installation:** Easy plug-and-play setup for quick drive insertion and removal.
- **Wide Compatibility:** Compatible with Windows, Mac OS, Linux, and iPad OS.
- **Durable Construction:** Made with aluminum alloy for efficient heat dissipation and longevity.



Figure 2: Docking station in use for efficient file backup and data transfer.



Figure 3: Illustrates the 10Gbps high-speed data transfer capability.

3. Setup Guide

3.1 Package Contents

Please ensure all items are present in the package:

- Yottamaster Dual-Bay Docking Station
- USB-C to USB-C Cable
- USB-C to USB-A Cable
- 12V/3A Power Adapter
- User Manual

3.2 Hardware Installation

1. **Connect Power:** Plug the 12V/3A power adapter into the DC input port on the back of the docking station, then

connect it to a power outlet.

2. **Insert Drives:** Gently slide your 2.5-inch or 3.5-inch SATA HDD/SSD into the drive bays until they are securely seated. Ensure the SATA connector aligns correctly. The docking station supports both drive sizes without additional tools or trays.
3. **Connect to Computer (Optional for Data Transfer):** Use the provided USB-C to USB-C or USB-C to USB-A cable to connect the docking station to your computer's USB port.



Figure 4: Illustrates tool-free installation for 2.5" and 3.5" SATA drives.



Figure 5: Close-up of the DC 12V/3A input and power button.



Figure 6: Close-up of the Type-C data port.

4. Operating Instructions

4.1 Data Transfer Mode

When connected to a computer, the docking station functions as an external drive enclosure. Insert your HDD/SSD into the bays, connect the docking station to your computer via the USB cable, and power on the device. The drives will appear as removable storage devices on your computer, allowing you to drag and drop files, perform backups, or access data.

4.2 Offline Clone Function

The offline clone function allows you to duplicate a source drive to a target drive without the need for a computer. This is ideal for system migration or creating exact backups.
Important: The target drive must be equal to or larger in capacity than the source drive. All data on the target drive will be erased during the cloning process. Please back up any important data on the target drive before proceeding.

1. **Prepare Drives:** Ensure the docking station is powered off and disconnected from any computer. Insert the **source drive** (the drive you want to copy from) into the 'Source' bay (usually Bay A). Insert the **target drive** (the drive you want to copy to) into the 'Target' bay (usually Bay B).
2. **Set Clone Mode:** Locate the 'Clone' switch or button on the docking station. Slide the switch to the 'Clone' position or press the dedicated clone button.
3. **Start Cloning:** Press and hold the 'Start' button (often labeled 'Start Clone' or similar) for approximately 3-5 seconds until the progress indicator lights (25%, 50%, 75%, 100%) begin to blink. This indicates the cloning process has started.
4. **Monitor Progress:** The LED indicators will light up sequentially (25%, 50%, 75%, 100%) to show the cloning progress. When all four LEDs are solid, the cloning process is complete.
5. **Finish:** Once cloning is complete, power off the docking station and safely remove the drives.



Figure 7: Detailed steps for performing an offline clone.



Figure 8: Close-up of the 25%, 50%, 75%, and 100% clone progress indicator lights.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the docking station is placed in a well-ventilated area to allow for proper heat dissipation, especially during extended use or cloning operations.
- **Handling Drives:** Always handle hard drives and SSDs with care. Avoid dropping or subjecting them to physical shock.
- **Power Off:** Always power off the docking station before inserting or removing drives, unless hot-swapping is explicitly supported by your operating system and the device is in data transfer mode. For cloning, always power off first.



Figure 9: The aluminum alloy design aids in heat dissipation.

6. Troubleshooting

Problem	Possible Cause	Solution
Device not recognized by computer.	Loose cable connection; drive not properly seated; driver issue; unformatted drive.	Check USB and power cables. Re-insert drives. Try a different USB port or cable. For new drives, initialize and format them in Disk Management (Windows) or Disk Utility (Mac).
Slow data transfer speeds.	Connected to a USB 2.0 port; drive performance limitations; fragmented data.	Ensure connection to a USB 3.0/3.1/3.2 port. Check drive health. Defragment HDD (if applicable).

Problem	Possible Cause	Solution
Offline clone fails or does not start.	Target drive capacity smaller than source; drives not properly seated; clone button not held long enough.	Ensure target drive is equal to or larger than source. Re-insert both drives firmly. Hold the 'Start' button for 3-5 seconds until LEDs blink.
Drives are hot during operation.	Normal operation; insufficient ventilation.	Some heat is normal. Ensure adequate airflow around the device. The aluminum casing helps dissipate heat.

7. Specifications

Feature	Detail
Model	KB200-C
Interface	USB 3.2 Gen 2 Type-C
Transfer Speed	Up to 10Gbps
Compatible Drives	2.5" / 3.5" SATA I/II/III HDD/SSD
Max Capacity	2 x 18TB (36TB Total)
Power Input	DC 12V/3A
Material	Aluminum Alloy
Dimensions	7.83 x 6.26 x 3.5 inches (approx.)
Weight	1.59 pounds (approx.)
Supported OS	Windows, Mac OS, Linux, iPad OS

8. Warranty and Support

Yottamaster products typically come with a manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official Yottamaster website for detailed warranty terms and conditions. For technical support, product inquiries, or warranty claims, please contact Yottamaster customer service through their official channels.

Website: www.yottamaster.com (Please check the official website for the most current contact information.)

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