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Yottamaster KB500-C

Yottamaster 5 Bay Offline Cloning Hard Drive Docking Station

Model: KB500-C | Brand: Yottamaster

1. Product Overview

The Yottamaster KB500-C is a versatile 5-bay hard drive docking station designed for both 2.5-inch and 3.5-inch SATA HDDs and SSDs. It supports USB 3.0 with UASP for high-speed data transfer and features an independent offline cloning function, allowing you to duplicate drives without connecting to a computer. This device is ideal for data backup, storage expansion, and drive duplication tasks.



Image: The Yottamaster 5 Bay Hard Drive Docking Station, showcasing its capacity with multiple hard drives inserted into the bays.

2. Setup and Installation

2.1 Package Contents

Before you begin, ensure all components are present:

- Yottamaster KB500-C Docking Station
- 12V 6.5A Power Adapter
- USB-C to USB-A Cable
- User Manual

2.2 Connecting the Docking Station

1. Connect the provided 12V 6.5A power adapter to the DC input port on the back of the docking station and plug it into a power outlet.
2. For PC mode, connect the USB-C end of the USB cable to the docking station and the USB-A end to an available USB port on your computer.

2.3 Installing Hard Drives/SSDs

The Yottamaster KB500-C supports tool-free installation for both 2.5-inch and 3.5-inch SATA I/II/III HDDs and SSDs.

1. Ensure the docking station is powered off or in PC mode (not cloning).
2. Gently slide your 2.5-inch or 3.5-inch SATA HDD/SSD into an available bay until it firmly connects with the SATA connector at the bottom.
3. Repeat for additional drives. The docking station supports up to five drives, with a maximum capacity of 18TB per drive, totaling 90TB.



Image: A close-up view of the docking station's bays, illustrating the simple, tool-free method for inserting both 2.5-inch and 3.5-inch SATA hard drives or solid-state drives.

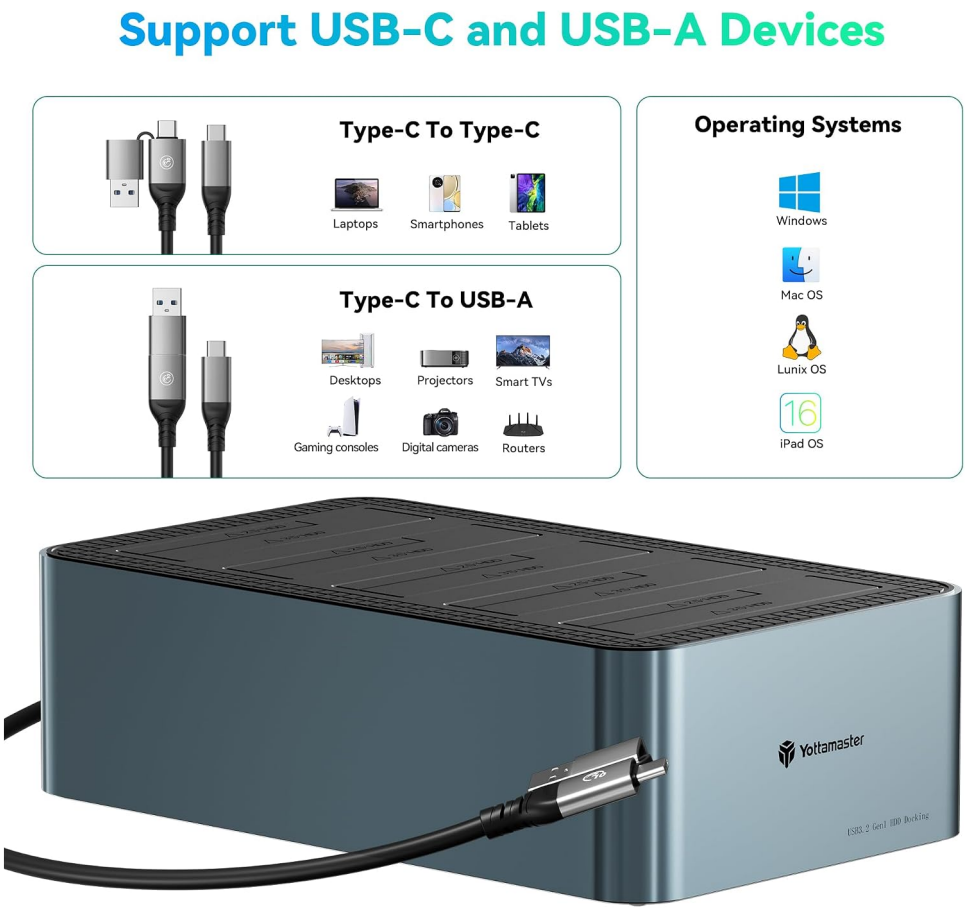


Image: A diagram illustrating the various connectivity options, including USB-C to USB-C and USB-C to USB-A, and listing compatible operating systems such as Windows, Mac OS, Linux OS, and iPad OS.

3. Operating Instructions

3.1 Offline Cloning Function

The offline cloning function allows you to duplicate a source disk to one or more target disks without requiring a computer connection. The target disk(s) must have a capacity equal to or greater than the source disk.

1. Ensure the docking station is powered off.
2. Insert the **Source Disk** (the disk you want to copy from) into the designated 'Source' bay (usually the first bay, labeled 'B' in diagrams).
3. Insert the **Target Disk(s)** (the disk(s) you want to copy to) into the 'Target' bays (labeled 'A' in diagrams).
4. Connect the power adapter and turn on the docking station.
5. Slide the switch on the back of the docking station to the 'Clone' position.
6. Press and hold the 'Start' button for 3-5 seconds until the HDD indicator lights turn off.
7. Press the 'Start' button again within five seconds to begin the cloning process. The progress will be indicated by the LED lights (25%, 50%, 75%, 100%).
8. Once all indicator lights are solid, the cloning process is complete. Power off the device before removing the drives.



Image: A diagram visually explaining the offline cloning process, showing how data is transferred from a source disk to multiple target disks.

Image: A detailed step-by-step visual guide demonstrating the procedure for using the offline cloning function, from inserting drives to initiating the clone.

▶ **Watch video online**

Yottamaster 5 Bay Offline Cloning Hard Drive Docking Station

Video: This video demonstrates the key features and functionalities of the Yottamaster 5 Bay Offline Cloning Hard Drive Docking Station, including its offline cloning capability and high-speed data transfer.

3.2 Data Transfer (PC Mode)

When connected to a computer via USB, the docking station acts as an external multi-bay enclosure, allowing you to access and transfer data to and from the installed drives.

1. Ensure the docking station is connected to your computer via the USB cable and powered on.
2. Slide the switch on the back of the docking station to the 'PC' position.
3. Your computer should recognize the installed drives as external storage. You can now drag and drop files, perform backups, or manage your data.
4. The USB 3.0 interface with UASP support ensures fast data transfer speeds, allowing for quick file operations.



Image: A user interacting with a computer, with the Yottamaster docking station visible, illustrating its use for efficient file backup and data transfer.



Image: A laptop connected to the docking station, displaying a progress bar and text that highlights a 1GB file transfer completed in 5 seconds, demonstrating the high-speed data transfer capability.



Image: A visual representation of the docking station connected to a laptop, emphasizing its capability to transfer 1GB of data in 5 seconds, leveraging USB 3.1 and UASP technology.

3.3 Versatile Applications

Beyond traditional computer use, the docking station can be integrated into various setups:

- **Smart TVs/Projectors:** Connect to expand media storage for movies, photos, and music.
- **Gaming Consoles:** Use as external storage for game libraries.
- **Mobile Phones/Tablets:** Access data directly (requires compatible USB-C connection and OTG support).



Image: An infographic illustrating the diverse applications of the docking station, including connections to Smart TVs/Projectors, computers, mobile phones, and gaming consoles.



Image: Three distinct scenarios demonstrating the docking station's connectivity: to a Smart TV/Projector, a personal computer, and various tablets.



Image: A diagram highlighting the universal compatibility of the docking station with a wide range of devices, including PCs, laptops, TVs, cameras, tablets, projectors, and routers, specifically supporting 2.5/3.5 inch SATA HDD/SSD but not IDE.

4. Maintenance

To ensure the longevity and optimal performance of your Yottamaster docking station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior. Avoid liquid cleaners or abrasive materials. Ensure no dust or debris accumulates in the drive bays.
- **Ventilation:** The aluminum alloy design aids in heat dissipation. Ensure the device is placed in a well-ventilated area to prevent overheating, especially during prolonged operation or cloning.
- **Storage:** When not in use, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.



Image: The Yottamaster docking station depicted in a cool, snowy setting, with arrows illustrating its effective heat dissipation capabilities due to its durable aluminum alloy construction.

5. Troubleshooting

If you encounter issues with your Yottamaster docking station, refer to the following common problems and solutions:

- **Drives Not Recognized in PC Mode:**
  - Ensure the USB cable is securely connected to both the docking station and your computer.
  - Verify the power adapter is properly connected and the docking station is powered on.

- Check if the switch on the back is set to 'PC' mode.
- For new drives, they may need to be initialized, partitioned, and formatted in Disk Management (Windows) or Disk Utility (macOS) before they appear.
- Try a different USB port on your computer or a different USB cable.

- **Offline Cloning Fails or Does Not Start:**
  - Ensure the docking station is disconnected from the computer (USB cable removed) before starting offline cloning.
  - Verify the source and target drives are correctly inserted into their respective bays.
  - Confirm that the target disk(s) capacity is equal to or larger than the source disk capacity.
  - Ensure the switch is set to 'Clone' mode and the 'Start' button is pressed correctly (held for 3-5 seconds, then pressed again within 5 seconds).
  - If the drives are faulty, cloning may fail. Test drives individually if possible.
- **Slow Data Transfer Speeds:**
  - Ensure you are connected to a USB 3.0 (or higher) port on your computer. Connecting to a USB 2.0 port will result in slower speeds.
  - Verify that your operating system and drivers support UASP (USB Attached SCSI Protocol) for optimal performance.
  - The actual transfer speed can be affected by the performance of the hard drives themselves.
- **Docking Station Disconnects Randomly:**
  - Ensure the power adapter is providing stable power.
  - Check for loose USB cable connections.
  - Test with a different USB port or cable.
  - Ensure the docking station is not overheating. Provide adequate ventilation.

6. Specifications

Feature	Detail
Brand	Yottamaster
Model Number	KB500-C
Number of Bays	5
Compatible Drive Types	2.5"/3.5" SATA I/II/III HDD/SSD
Max Single Drive Capacity	18TB
Total Max Capacity	90TB
Interface	USB 3.0 (USB 3.2 Gen 1) with UASP
Transfer Speed	Up to 5Gbps
Offline Cloning	Supported (No PC required)

Feature	Detail
Power Adapter	12V 6.5A
Material	Aluminum Alloy
Color	Black
Compatible Devices	Laptop, PC, Smart TVs, Projectors, Gaming Consoles, Mobile Phones, Tablets
Item Weight	2.98 pounds
Package Dimensions	9.06 x 5.75 x 3.23 inches

7. Warranty and Support

Yottamaster products are designed for reliability and performance. This product comes with a standard manufacturer's warranty covering defects in materials and workmanship under normal use. Please refer to the warranty card included in your package for specific terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact Yottamaster customer service through their official website or the platform where you purchased the product. Provide your model number (KB500-C) and a detailed description of the issue for faster service.

You can visit the Yottamaster Store on Amazon for more information and support resources.

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