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Yottamaster PS500C3

Yottamaster PS500C3 5-Bay External Hard Drive Enclosure User Manual

Model: PS500C3

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Yottamaster PS500C3 5-Bay External Hard Drive Enclosure. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.



Image: The Yottamaster 5-Bay External Hard Drive Enclosure, highlighting its large storage capacity and role as a data storage solution.

PACKAGE CONTENTS


Verify that all items are present in the package:

- PS500C3 DAS x 1 (5 Bay Hard Drive Enclosure)
- Packaging Box
- User Manual x 1
- Screws & Screwdriver x 1

- Power Adapter (DC 12V/6.5A) x 1
- Data Cable x 1 (USB 3.1 Gen1 Type-C)

Installation Steps

1



Press the cabinet door to release it, then pull out the bracket.

2



3.5 inch HDD

2.5 inch HDD/SSD

Pull out the hard drive bracket and tighten the screws into the four fixing holes that align with the screw holes on the head of the 2.5/3.5-inch hard drive

3



Install the bracket into the hard disk cabinet, close the door, and complete the installation

Image: A visual representation of the items included in the Yottamaster PS500C3 product package.

SETUP AND INSTALLATION

1. Hard Drive Installation

The Yottamaster PS500C3 supports both 2.5-inch and 3.5-inch SATA HDDs and SSDs. The enclosure features removable trays for easy installation.

1. Press the cabinet door to release it, then pull out an empty drive bracket.
2. For a 3.5-inch HDD: Align the hard drive with the bracket and secure it using the provided screws.
3. For a 2.5-inch HDD/SSD: Place the 2.5-inch drive into the bracket and secure it with the provided screws.
4. Slide the loaded bracket back into an empty bay in the hard disk cabinet until it clicks into place.
5. Repeat for additional drives.
6. Close the front door of the enclosure.

Product List

PS500C3 DAS x1

Packaging Box

User Manual x 1

Screws & Screwdriver x1

Power Adapter (DC 12V/6.5A) x1

Data Cable x1



Image: Visual instructions for installing hard drives into the enclosure's trays.

Your browser does not support the video tag.

Video: A demonstration of how to install a hard drive into the Yottamaster enclosure.

2. Connecting the Enclosure

1. Connect the power adapter (DC 12V/6.5A) to the enclosure's DC input port and then to a power outlet.
2. Connect the provided USB 3.1 Gen1 Type-C data cable from the enclosure's Type-C port to a compatible USB Type-C port on your computer (Desktop, Laptop, MacBook, MacBook Pro).
3. Press the power button on the back of the enclosure to turn it on.

Your browser does not support the video tag.

Video: An overview of the Yottamaster 5-bay hard drive enclosure, including connection steps.

3. Initial Drive Preparation

If you are using brand new hard drives, they may need to be formatted and partitioned before they can be recognized and used by your computer. Please refer to your operating system's disk management tools for instructions on how to format and partition drives. **Always back up your data before formatting.**

OPERATING INSTRUCTIONS

Basic Operation

The Yottamaster PS500C3 is a plug-and-play device, requiring no additional drivers for basic operation. It supports simultaneous read/write operations across multiple disks.

Data Transfer Speed

This enclosure utilizes the USB 3.1 Gen1 (5Gbps) Type-C interface, offering data transfer rates up to 260MB/s for SSDs. Actual speeds may vary based on your system configuration and drive performance.



Image: The enclosure connected to a computer, demonstrating its high-speed data transfer capability.

Compatibility

The PS500C3 is compatible with Windows and Mac operating systems. The USB Type-C interface allows connection to any computer or laptop equipped with a Type-C port.

One DAS, All Your Files

Supports 2.5/3.5 inch SATA SSD/HDD

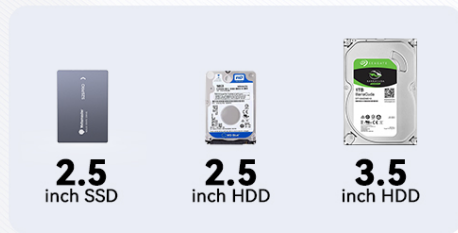


Image: Illustration of the enclosure's broad compatibility with different operating systems and devices.

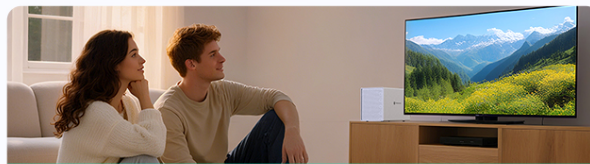
Auto Sleep Function

The enclosure features an auto-sleep function that automatically powers down drives during periods of inactivity. This helps reduce energy consumption and prolongs the lifespan of your hard drives.

One DAS, For Every Need



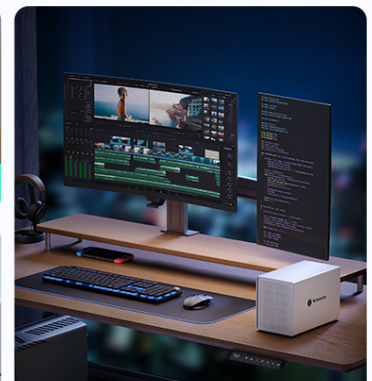
Secure Backup



Massive Media Storage



Surveillance System Expansion



Video Editing

Image: The enclosure in a desktop setup, highlighting its auto-sleep feature.

MAINTENANCE

Cooling System

The PS500C3 features a durable aluminum shell designed for effective heat dissipation. It includes cooling holes at the front and back, along with a low-noise 80mm fan inside to ensure efficient air circulation and rapid cooling, maintaining optimal operating temperatures for your drives.

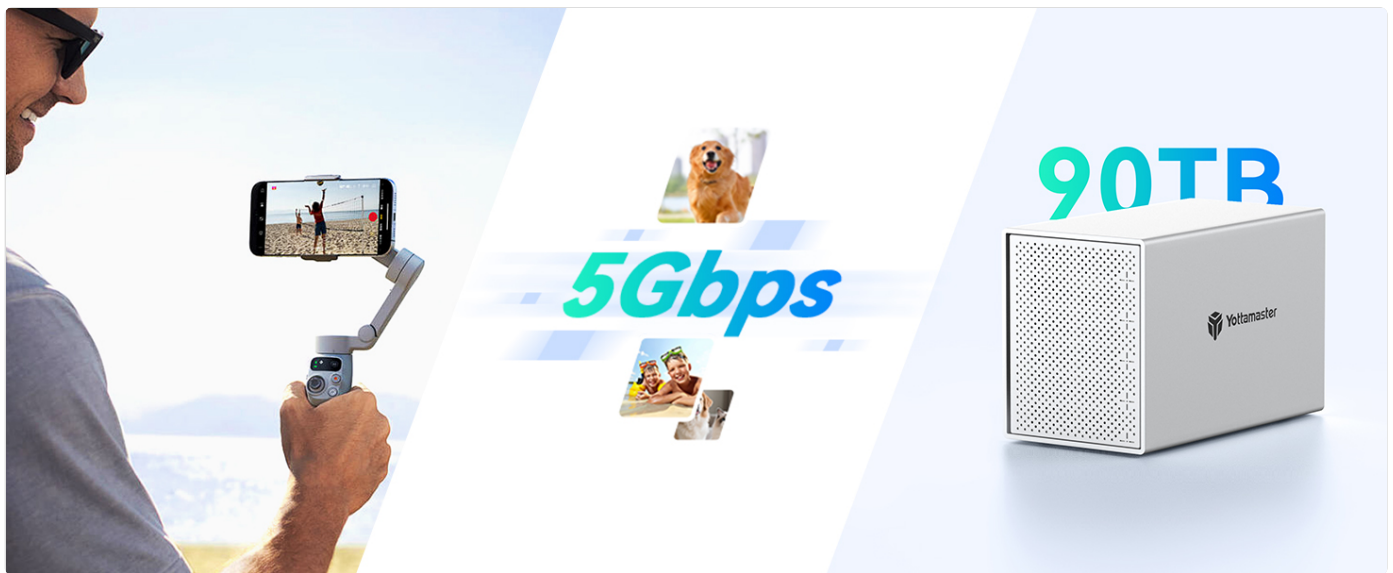


Image: An internal view of the enclosure highlighting its cooling fan and airflow design.

Power Consumption

The PS500C3 supports the normal operation of five hard drives, provided that the total power consumption of all installed hard drives does not exceed 78W. For users with high-power hard drives, it is recommended to provide additional external power sources for those specific hard drives if the total exceeds 78W.

TROUBLESHOOTING

Drive Not Recognized

- Ensure all cables (power and data) are securely connected.
- Verify the enclosure is powered on.
- If using a new hard drive, ensure it has been formatted and partitioned through your operating system's disk management utility.
- Test with a different USB port or cable.
- Test with a different computer to rule out system-specific issues.

RAID Functionality

The Yottamaster PS500C3 model is a non-RAID version and does not support hardware RAID. If you intend to set up a RAID configuration, you must use software RAID tools available within your operating system. For example, macOS users can utilize the RAID Assistant in Disk Utility. Yottamaster RAID Manager software is compatible only with RAID version enclosures.

SPECIFICATIONS

Feature	Detail
Model Number	PS500C3
Memory Storage Capacity	Up to 90 TB (5 x 18TB MAX)
Compatible Devices	Desktop, Laptop, MacBook, MacBook Pro

Feature	Detail
Hard Disk Form Factor	2.5 Inches, 3.5 Inches (SATA HDD/SSD)
Max Number of Supported Devices	5
Data Transfer Rate	Up to 625 Megabytes Per Second (USB 3.1 Gen1 5Gbps)
Manufacturer	Yottamaster
Item Weight	7.98 pounds
Hardware Interface	USB 3.1 Type C
Color	Silver
Material	Aluminum

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Yottamaster website or contact their customer service directly. Keep your purchase receipt for warranty claims.