

- Manuals.plus /
- › Yottamaster /
- › Yottamaster PS500C3 5-Bay USB 3.1 Type-C Hard Drive Enclosure User Manual

Yottamaster PS500C3

Yottamaster PS500C3 5-Bay USB 3.1 Type-C Hard Drive Enclosure

User Instruction Manual

1. PRODUCT OVERVIEW

The Yottamaster PS500C3 is a high-capacity 5-bay hard drive enclosure designed for 2.5-inch and 3.5-inch SATA HDDs and SSDs. It offers a total expanded capacity of up to 90TB (5x18TB) and features a USB 3.1 Gen1 Type-C interface for fast data transfer speeds of up to 5Gbps. This non-RAID enclosure is ideal for digital imaging, video editing, data backup, and file archiving.

Mac Style HDD Enclosure



The Yottamaster PS500C3 enclosure, designed to complement Mac systems, provides robust external storage.

2. WHAT'S IN THE BOX

Upon opening your Yottamaster PS500C3 package, you should find the following components:

- 1 X 5 Bay Type C Hard Drive Enclosure
- 1 X 12V 6.5A Power Supply
- 1 X Screw Kit
- 1 X Data Cable
- 1 X User Manual



All components included with the Yottamaster PS500C3 hard drive enclosure.

3. SETUP GUIDE

3.1 Hard Drive Installation

The Yottamaster PS500C3 supports both 2.5-inch and 3.5-inch SATA HDDs/SSDs. Each bay features a removable tray for easy installation.

1. Open the front door of the enclosure by pressing the PUSH-latch located in the middle of the right side.
2. Pull out an empty hard drive tray.
3. Place your 2.5-inch or 3.5-inch SATA HDD/SSD onto the tray. Use the provided screws to securely fix the drive to the tray.
4. Slide the tray with the installed hard drive back into the enclosure until it clicks into place.

5. Repeat for all desired hard drives.



The enclosure with trays pulled out, demonstrating compatibility with both 3.5-inch and 2.5-inch drives.

For 2.5"/3.5" HDD/SSDs

Support single disk up to 16TB



Detailed view of the hard drive trays, highlighting support for various drive sizes.

3.2 Power and Data Connection

Ensure the enclosure is properly powered and connected to your computer for optimal performance.

1. Connect the power cord to the 12V 6.5A power adapter.
2. Insert the power adapter connector into the DC IN port on the back of the enclosure. Ensure the arrow-marked side of the connector faces UPWARDS for a correct and secure connection.
3. Connect one end of the provided USB 3.1 Type-C data cable to the Type-C port on the enclosure and the other end to a compatible Type-C port on your computer or laptop.
4. Press the power button on the back of the enclosure to turn it on.

12V6.5A External Power Supply



The enclosure connected to a laptop, showing the power supply and USB-C cable.



Detailed view of the enclosure's rear panel with labeled ports and features.

3.3 Initializing and Formatting Hard Drives

For brand new hard drives, they must be initialized and formatted before they can be recognized and used by your computer. This process creates partitions and a file system, making the storage accessible.

Video Guide: Installation and Hard Drive Formatting

This video provides a comprehensive guide on installing hard drives and formatting them for both Mac and Windows operating systems.

Video Guide: How to Format a Hard Drive Partition in Windows/Mac OS

Learn the step-by-step process of formatting and partitioning hard drives in both Windows and Mac OS environments.

4. OPERATING INSTRUCTIONS

4.1 Data Transfer

The PS500C3 enclosure utilizes the USB 3.1 Gen1 (5Gbps) Type-C external interface, delivering read/write speeds of up to 260MB/s for SSDs. It is compatible with Windows and Mac systems, ensuring smooth performance for various tasks.



The enclosure connected to a MacBook Pro, demonstrating its 5Gbps transfer speed.

4.2 Sleep Mode Management

The enclosure may enter a sleep mode after a period of inactivity to conserve power. You can adjust or disable this feature if desired.

Video Guide: Step Guide to Adjust or Disable Sleep Mode on the Enclosure

This video demonstrates how to adjust or completely disable the sleep mode function on your Yottamaster enclosure.

Video Guide: Cancel Sleep Mode for Yottamaster Multi-bay HDD Enclosure

A quick guide on canceling the automatic sleep mode feature for Yottamaster multi-bay HDD enclosures.

5. MAINTENANCE AND CARE

5.1 Cooling System

The 5-bay SATA enclosure features a durable aluminum shell for effective heat dissipation. It also includes a low-noise 80mm fan to ensure efficient air circulation and rapid cooling, maintaining optimal operating temperatures for your drives.

80mm Cooling Fan Inside

Improved airflow pattern



Internal view highlighting the 80mm cooling fan and improved airflow design.

5.2 Power Consumption

The PS500C3 supports normal operation for five hard drives, provided the total power consumption of the hard drives does not exceed 78W. For users with high-power hard drives, it is recommended to provide additional external power sources for the hard drives to ensure stable operation.

6. TROUBLESHOOTING

If you encounter issues with your Yottamaster PS500C3, consider the following common solutions:

- **Drives Not Recognized:** Ensure new hard drives are properly initialized and formatted. Refer to the 'Initializing and Formatting Hard Drives' section for detailed steps.
- **Drives Going Offline/Disconnecting:** This can sometimes be related to the sleep mode setting. Adjust or disable the sleep timer as shown in the 'Sleep Mode Management' section.
- **Power Issues:** Verify that the power adapter is correctly inserted with the arrow-marked side facing upwards. An incorrect connection can prevent the enclosure from powering on or operating stably.
- **Performance Issues:** Ensure you are using a USB 3.1 Type-C port on your computer for optimal transfer speeds. Check that your hard drives are securely fastened in their trays.
- **Overheating:** While the enclosure has an efficient cooling system, ensure it is placed in a well-ventilated area and that the fan is not obstructed.

For more in-depth troubleshooting, please refer to the official Troubleshooting Guide available on the Yottamaster support website.

7. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Yottamaster
Model Number	PS500C3
Memory Storage Capacity	90 TB
Compatible Devices	Laptop, Desktop
Hard Disk Form Factor	3.5 Inches
Data Transfer Rate	5 Gigabits Per Second
Hardware Interface	USB Type C
Material	Aluminum
Item Weight	7.33 Pounds

8. WARRANTY AND SUPPORT

Yottamaster products are designed for reliability and performance. The PS500C3 enclosure typically comes with a 2-year warranty. For specific warranty details, please refer to the warranty information provided with your product or visit the official Yottamaster website.

For additional support, including user manuals and troubleshooting guides, please visit the Yottamaster support page:

- [User Manual \(PDF\)](#)
- [Troubleshooting Guide \(PDF\)](#)
- [Instructions for Use \(IFU\) \(PDF\)](#)

If you require further assistance, please contact Yottamaster customer support through their official channels.

© 2024 Yottamaster. All rights reserved.

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.

Name

Anonymous

Email

you@example.com

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

Open the live page
<https://manuals.plus/asin/B07WQX64SW>
More documents and user manuals: <https://manuals.plus/>