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Yottamaster FS5U3

Yottamaster 5 Bay External Hard Drive Enclosure Instruction Manual

Model: FS5U3 | **Brand:** Yottamaster

1. Product Overview

The Yottamaster FS5U3 is a high-capacity 5-bay external hard drive enclosure designed for direct attached storage (DAS). It supports up to 90TB (5 x 18TB) of storage, making it ideal for memory-intensive applications such as audio/video editing, digital photography, and comprehensive data backup. This enclosure features a robust aluminum-alloy construction and an intelligent temperature-controlled fan for optimal heat dissipation. It is a non-RAID version, meaning it does not support hardware RAID configurations.



Figure 1.1: Yottamaster 5 Bay External Hard Drive Enclosure (FS5U3)



Figure 1.2: Illustrates the massive 90TB external storage capacity for various data types.

2. What's in the Box

Verify that all items are present in the package:

- 1 X 5 Bay USB3.0 Hard Drive Enclosure
- 1 X Power cord
- Screw Kit
- 1 X Data Cable
- 1 X User Manual



Figure 2.1: All components included in the product packaging.

3. Setup and Installation

3.1 Drive Installation

The Yottamaster FS5U3 supports both 2.5-inch and 3.5-inch SATA HDDs/SSDs. Follow these steps to install your drives:

1. Gently push the left side of the drive bay to release the tray handle.
2. Pull the empty drive tray out by the handle.
3. For 3.5" HDDs: Insert the HDD into the tray and secure it with 4 side screws using the provided screw kit.
4. For 2.5" SSDs/HDDs: Insert the SSD/HDD into the tray and secure it with 4 bottom screws using the provided screw kit.

5. Carefully insert the loaded tray back into the enclosure until it clicks into place.

Figure 3.1: Step-by-step guide for installing 2.5-inch and 3.5-inch drives into the enclosure trays.

3.2 Connecting the Enclosure

Connect the enclosure to your computer and power source:

1. Connect the provided data cable (USB 3.0 Type-B) from the enclosure to an available USB 3.0 port on your computer (laptop or desktop).
2. Connect the power cord to the enclosure's AC power interface and then to a wall outlet.
3. Flip the power switch on the back of the enclosure to the 'ON' position.



Figure 3.2: Overview of the enclosure's back panel, showing the AC power interface, power switch, and USB3.0 Type-B interface.



Figure 3.3: The enclosure features a high-power 150W built-in power supply to support multiple large-capacity hard drives.

4. Operating Instructions

4.1 Formatting and Partitioning Hard Drives

New hard drives typically need to be formatted and partitioned before they can be used. The process varies slightly between Windows and Mac OS systems.

Your browser does not support the video tag.

Video 4.1: Detailed steps on how to format and partition a hard drive in both Windows and Mac OS environments.

4.2 Managing Sleep Mode

The enclosure may enter a sleep mode after a period of inactivity. You can adjust or disable this feature if desired. Firmware updates and specific tools are available from the Yottamaster official website to manage this setting.

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Video 4.2: Instructions on how to cancel the sleep mode for your Yottamaster multi-bay HDD enclosure.

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Video 4.3: A step-by-step guide to adjust or disable the sleep mode on the enclosure.



Figure 4.1: Visual guide for canceling the auto-sleep function using the provided firmware tool.

4.3 Data Transfer and Usage

The enclosure provides 6Gbps transfer speed, making it efficient for large file transfers and continuous data access.



Figure 4.2: Demonstrates the high-speed data transfer capabilities of the enclosure, ideal for large files.



Figure 4.3: The enclosure is suitable for demanding tasks like video editing, providing ample storage and fast access.



Figure 4.4: Utilize the enclosure for comprehensive data backup, securing millions of files, images, and songs.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your Yottamaster enclosure:

- **Ventilation:** Ensure the enclosure is placed in a well-ventilated area. Do not block the front and rear cooling holes.
- **Fan Maintenance:** The intelligent temperature control fan adjusts its speed automatically. Keep the fan area clear of dust and debris to maintain efficient cooling.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the aluminum-alloy casing. Avoid liquid cleaners.
- **Drive Handling:** When removing or inserting drives, do so carefully to prevent shock or damage to the drive interfaces.



Figure 5.1: The enclosure's quad heat dissipation system, including aluminum trays, heat dissipation holes, an 80mm fan, and an aluminum alloy casing, ensures optimal cooling.

6. Troubleshooting

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

- **Drives Not Appearing:**
  - Ensure all drives are properly seated in their trays and the trays are fully inserted into the bays.
  - Verify that the power cable and data cable are securely connected to both the enclosure and your computer.
  - Check Disk Management (Windows) or Disk Utility (Mac OS) to see if the drives are detected but unformatted. Refer to Section 4.1 for formatting instructions.

- **Connection Issues:**
  - Try connecting the enclosure to a different USB 3.0 port on your computer.
  - Test with a different USB 3.0 data cable if available.
  - Ensure your computer's USB drivers are up to date.
- **Fan Noise:**
  - While the fan is designed for low noise, excessive noise might indicate dust buildup. Refer to Section 5 for cleaning instructions.
  - Ensure the enclosure is on a stable, flat surface to prevent vibrations.
- **Sleep Mode Behavior:**
  - If the enclosure enters sleep mode too frequently or unexpectedly, refer to Section 4.2 for instructions on adjusting or disabling the standby timer.

7. Specifications

Feature	Detail
Material	Aluminum
Memory Storage Capacity	90 TB
Compatible Devices	Laptop, Desktop
Hard Disk Form Factor	3.5 Inches
Max Number of Supported Devices	5
Data Transfer Rate	6 Gigabits Per Second
Manufacturer	Yottamaster
Series	FS5U3
Item model number	5 Bay USB3.0
Item Weight	10.33 pounds
Product Dimensions	10.43 x 5.39 x 7.87 inches
Hardware Interface	USB 3.0 Type B
Hardware Platform	Windows

8. Warranty and Support

For detailed warranty information, please refer to the official Yottamaster website or the warranty card included with your product. For additional support, driver downloads, and FAQs, visit the Yottamaster support page.

- Download User Guide (PDF)
- Visit Yottamaster Store on Amazon

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