Yottamaster FS2U3

Yottamaster 2-Bay USB 3.0 Hard Drive Enclosure (FS2U3) Instruction Manual
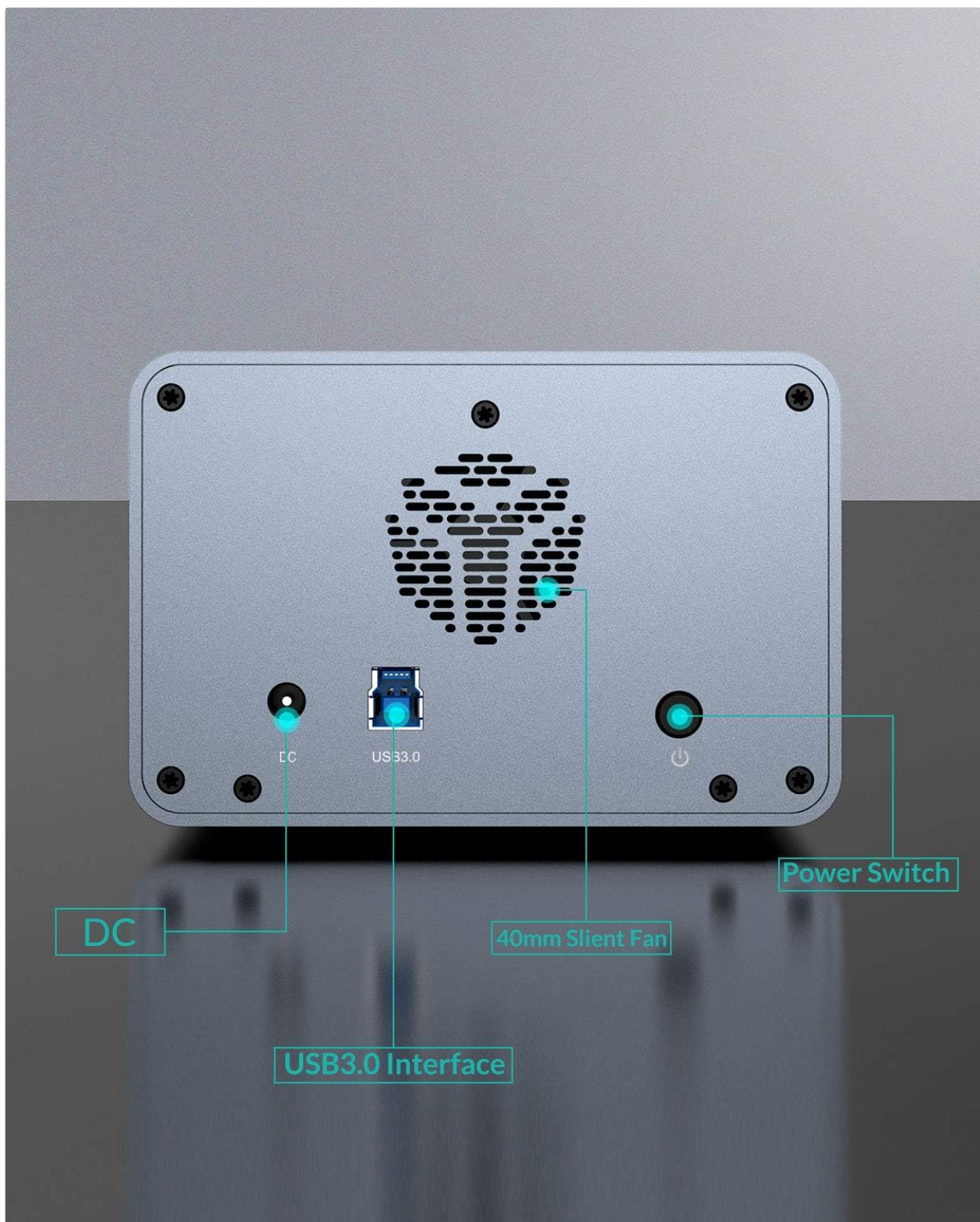
Model: FS2U3

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Yottamaster 2-Bay USB 3.0 Hard Drive Enclosure (Model FS2U3). Please read this manual thoroughly before using the product to ensure proper functionality and to prevent data loss or damage.

2. PRODUCT OVERVIEW

The Yottamaster FS2U3 is a high-performance 2-bay enclosure designed for both 2.5-inch and 3.5-inch SATA HDDs and SSDs. It features a robust aluminum body, a 40mm cooling fan, and supports USB 3.0 with UASP for fast data transfer speeds. It is an ideal solution for expanding storage capacity and managing multiple drives.

Image 2.1: Rear panel of the Yottamaster FS2U3 enclosure, highlighting the DC power input, USB 3.0 interface, 40mm silent fan, and power switch.

Key Features:

- **Full Aluminum Body with 40mm Fan:** Constructed from durable aluminum with a built-in 40mm fan and Meteor cooling holes for efficient heat dissipation, ensuring stable operation and extended drive lifespan. LED indicators provide operational status.

- **High-Speed Data Transfer:** Utilizes SATA 3.0 protocol and a versatile USB 3.1 Gen1 interface, offering transfer rates up to 6Gbps. Supports UASP (USB Attached SCSI Protocol) for up to 70% faster performance compared to traditional USB 3.0.

- **Versatile Drive Compatibility:** Designed for both 2.5-inch SSDs (for speed) and 3.5-inch HDDs (for

maximum capacity). Removable aluminum trays facilitate easy installation and replacement. Drives are secured with provided screws to prevent shock and interface damage.

- **Massive Storage Capacity:** Supports up to two drives, with a maximum total storage capacity of 36TB (18TB per bay), suitable for large data storage requirements.

- **Wide System Compatibility & Auto-Sleep:** Compatible with Windows, macOS, and Linux operating systems. Features hot-swappable and Plug and Play functionality. An intelligent auto-sleep function activates after 10 minutes of data inactivity, which can be configured via the official website.

Image 2.2: The built-in 40mm silent fan and cooling vents on the Yottamaster FS2U3 enclosure, designed for optimal heat dissipation.

3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- Yottamaster 2-Bay USB 3.0 Hard Drive Enclosure (FS2U3)
- USB 3.0 Data Cable
- Power Adapter
- Screws for Drive Installation
- Screwdriver
- User Manual (this document)

4. SETUP INSTRUCTIONS

Follow these steps to install your hard drives or SSDs into the enclosure:

1. **Prepare Drives:** Ensure your 2.5-inch or 3.5-inch SATA HDDs/SSDs are ready for installation.

2. **Open Enclosure:** Gently pull the drive trays out from the front of the enclosure.

3. **Install Drives:** Place your HDD/SSD onto the removable aluminum tray. Align the screw holes on the drive with those on the tray. Use the provided screws and screwdriver to secure the drive firmly to the tray.

4. **Insert Trays:** Slide the loaded trays back into the enclosure bays until they click into place. Ensure they are fully seated.

5. **Connect Power:** Connect the power adapter to the DC input port on the rear of the enclosure, then plug it into a power outlet.

6. **Connect to Computer:** Connect the USB 3.0 data cable from the enclosure's USB 3.0 port to an available USB port on your computer.

7. **Power On:** Press the power switch on the rear of the enclosure. The LED indicators on the front will illuminate, indicating power and drive activity.

32TB COLOSSAL CAPACITY

Single Disk Up to 16TB
Meet the Needs of Large Capacity Storage

2.5"HDD   3.5"HDD   2.5"SSD

Image 4.1: Illustrates the process of inserting 2.5-inch SSDs and 3.5-inch HDDs into the removable trays of the Yottamaster FS2U3 enclosure.

Note: For new drives, you may need to initialize and format them through your operating system's disk management utility before they can be used. Refer to your operating system's documentation for instructions.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- **Power On:** Press the power switch on the rear panel. The blue LED indicators on the front will light up.

- **Power Off:** Safely eject the drives from your operating system first, then press the power switch to turn
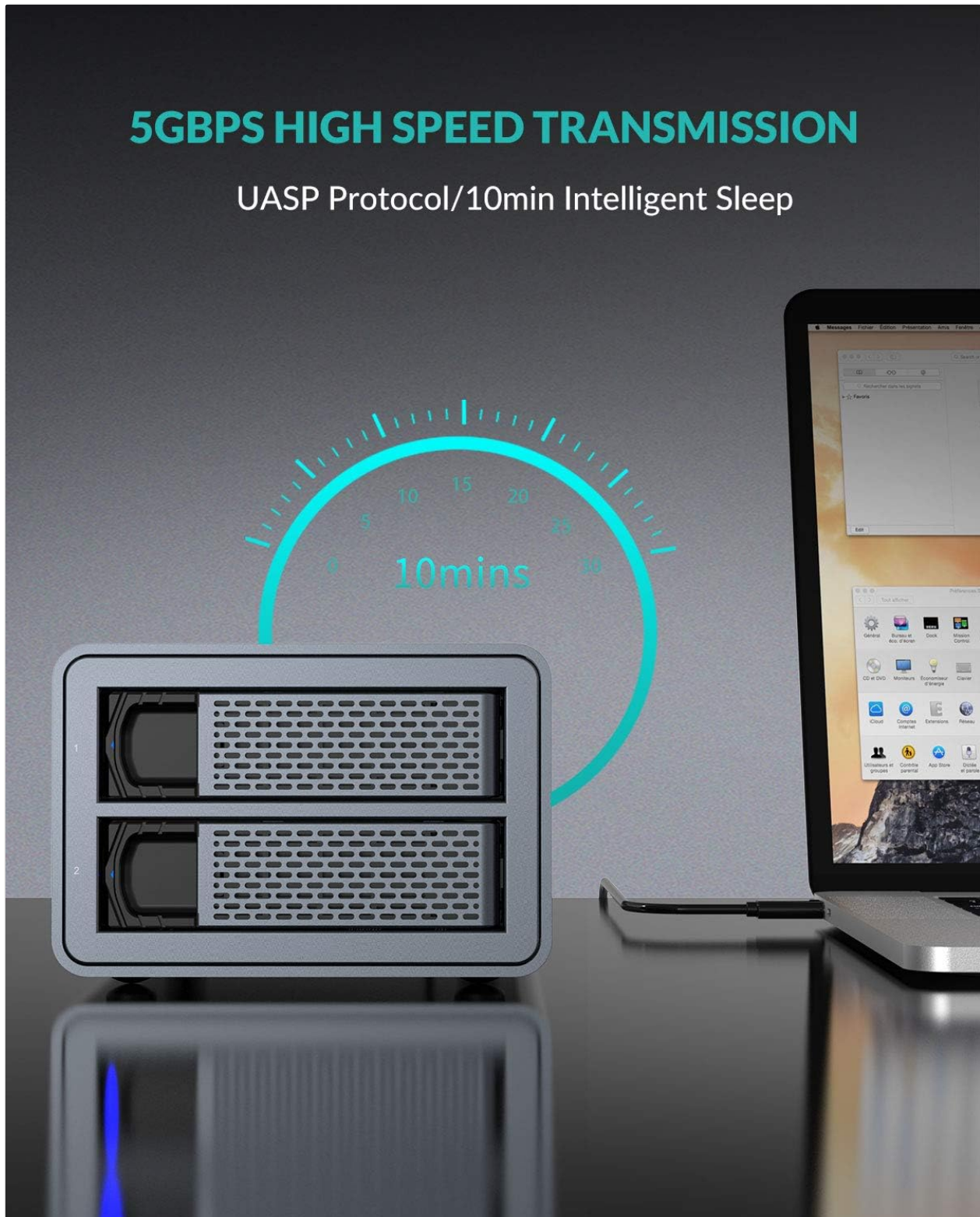
off the enclosure.

5.2. Drive Access and Data Transfer

Once connected and powered on, your computer should detect the drives within the enclosure. You can access them like any other external storage device. The USB 3.0 interface with UASP support ensures high-speed data transfer for efficient file management.

5.3. Auto-Sleep Function

The enclosure features an intelligent auto-sleep function. If there is no data activity for approximately 10 minutes, the drives will enter a sleep mode to conserve power and extend drive lifespan. The drives will automatically wake up upon data access.

Note: The auto-sleep function can be adjusted or disabled through firmware updates or software available on the official Yottamaster website, if applicable.

5.4. Hot-Swapping

The enclosure supports hot-swapping of drives. However, always ensure that the drive you intend to remove is not currently in use by your operating system. Safely eject the drive through your OS before physically removing it from the enclosure to prevent data corruption.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure the cooling vents and fan are not obstructed to maintain proper airflow and prevent overheating.
- **Firmware Updates:** Periodically check the official Yottamaster website for any available firmware updates that may improve performance or add new features.
- **Drive Health:** Regularly check the health of your installed drives using appropriate disk utility software to prevent data loss.

7. TROUBLESHOOTING

- **Enclosure not detected:**
  - Ensure the power adapter is securely connected and the enclosure is powered on.
  - Verify the USB cable is properly connected to both the enclosure and your computer.
  - Try a different USB port on your computer.
  - Test with a different USB cable.
  - Ensure the drives are correctly installed and secured in their trays.

- **Drives not appearing in OS:**
  - For new drives, they may need to be initialized and formatted in your operating system's Disk Management (Windows) or Disk Utility (macOS).
  - Check if the drives are functioning correctly by testing them in another enclosure or directly connecting them to a computer, if possible.
  - Ensure the drives are properly seated in the enclosure trays.

- **Slow transfer speeds:**
  - Ensure you are connected to a USB 3.0 port on your computer. USB 2.0 ports will result in slower speeds.
  - Verify that your operating system and drivers support UASP.
  - The actual speed depends on the read/write speed of your installed drives.
  - Avoid transferring many small files simultaneously, as this can reduce overall transfer rates.

- **Enclosure overheating:**
  - Ensure the enclosure is placed in a well-ventilated area.

- Check that the 40mm cooling fan and vents are not blocked.
- Reduce the workload on the drives if they are under continuous heavy use.

If you continue to experience issues, please contact Yottamaster customer support for further assistance.

8. SPECIFICATIONS

Brand	Yottamaster
Model	FS2U3
Number of Bays	2
Compatible Drives	2.5" SATA HDD/SSD, 3.5" SATA HDD
Max Capacity per Bay	18TB
Max Total Capacity	36TB
Interface	USB 3.0 (USB 3.1 Gen1)
Data Transfer Rate	Up to 6Gbps (with UASP)
Cooling System	Built-in 40mm Fan, Meteor Cooling Holes
Material	Aluminum Alloy
Color	Grey
System Compatibility	Windows, macOS, Linux
Special Features	UASP Support, Hot-Swappable, Plug & Play, 10-min Auto-Sleep

9. WARRANTY AND SUPPORT

Yottamaster products come with a standard warranty. For specific warranty terms, duration, and to register your product, please visit the official Yottamaster website or contact their customer support directly. Information regarding spare parts availability and software updates may also be found on their official channels.
For technical support or inquiries, please refer to the contact information provided on the Yottamaster official website.