

## MAIWO 0.5

# MAIWO 512GB Portable External SSD User Manual

Model: 0.5 | Brand: MAIWO

## 1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your MAIWO 512GB Portable External Solid State Drive. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

The MAIWO Portable External SSD is a compact and high-speed storage solution designed for various devices, offering quick data transfer and expanded storage capacity for your digital content.

## 2. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Use only the provided or certified compatible cables and accessories.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x MAIWO Portable SSD (512GB)

- 1x Type-C to Type-C Data Cable (5inch/13cm)
- 1x Strap + Cable Clip



Image: MAIWO Portable SSD with its accessories, including the Type-C cable, strap, and clip.

## 4. PRODUCT OVERVIEW

The MAIWO Portable External SSD is engineered for high performance and portability. Key features include:

- **Compact Design:** Ultra-thin aluminum alloy shell, only 0.59 inches (15mm) thick and weighing approximately 47g.
- **High-Speed Interface:** Equipped with a USB 3.2 Gen 2 Type-C port, supporting data transfer speeds up to 10Gbps (1050MB/s).
- **Internal SSD:** Utilizes a Level A M.2 PCIe NVMe 2230MM SSD for reliable performance and extended lifespan.
- **Wide Compatibility:** Compatible with iPhone 15/16/17 Pro/Pro Max, MacBook Pro/Air, Mac M4/mini, PS4/PS5, Smartphones, Laptops, Tablets, Drones, and Gaming Consoles. Supports Windows, MacOS, Android, Harmony OS, Linux, and iOS. Also compatible with Thunderbolt 3, Thunderbolt 4, and USB4.0.
- **Durable Construction:** Aluminum alloy casing provides good heat dissipation and a shock-resistant, rugged design for data security.
- **LED Indicator:** A small LED light indicates device activity.

# Mini Size Portable

Pocket Data Storage

**47<sup>g</sup>**  
Weight

**15<sup>mm</sup>**  
Thickness



Image: The MAIWO Portable SSD's compact dimensions, emphasizing its portability and light weight.



## Three Colors For Your Choice



TRIM Optimization



S.M.A.R.T Info



Mac OS



Windows



Linux



Android



iOS



HarmonyOS

Image: The MAIWO Portable SSD is available in multiple colors and is compatible with various operating systems.

## 5. SETUP

### 5.1 Attaching the Strap and Cable Clip

The included strap and cable clip can be used to secure the data cable to the SSD, preventing loss and keeping the setup tidy.

1. Unscrew the small metal pin from the end of the strap.
2. Thread the loop of the strap through the designated hole on the SSD.
3. Re-attach the metal pin to secure the strap.
4. The cable clip can be used to hold the Type-C to Type-C cable in a folded position, attaching it to the strap for convenient carrying.

### 5.2 Connecting to a Computer

To connect the MAIWO Portable SSD to your computer:

1. Plug one end of the provided Type-C to Type-C data cable into the USB-C port on the MAIWO SSD.
2. Plug the other end of the data cable into an available USB-C port on your computer (e.g., MacBook, Windows laptop).
3. The SSD should be automatically recognized by your operating system. A blue LED indicator on the SSD will illuminate when connected and active.
4. If prompted, allow the device to connect. The SSD will appear as an external drive in your file explorer (Windows) or Finder (macOS).

Video: This video demonstrates the physical connection of the MAIWO Portable SSD to a computer and its recognition by the operating system, showcasing its use for 4K ProRes video storage.

### 5.3 Connecting to a Smartphone (iPhone/Android)

The MAIWO Portable SSD can be directly connected to compatible smartphones for expanded storage and direct data transfer.

1. Plug one end of the provided Type-C to Type-C data cable into the USB-C port on the MAIWO SSD.
2. Plug the other end of the data cable into the USB-C port of your smartphone (e.g., iPhone 15 Pro/Pro Max, Android phone).
3. The smartphone should recognize the SSD. For iPhone, navigate to the 'Files' app. For Android, open the 'File Manager' and look for 'OTG' or external storage.

Video: This video illustrates how to connect the MAIWO Portable SSD to a smartphone and back up pictures and videos, showing the process for both iOS and Android devices.

## 6. OPERATING INSTRUCTIONS

## 6.1 Data Transfer

Once connected, you can transfer files to and from the MAIWO Portable SSD just like any other external storage device. Drag and drop files or use copy/paste functions.

- The SSD supports speeds up to 1050MB/s, enabling rapid transfer of large files and high-resolution videos.
- For optimal speeds, ensure your host device supports USB 3.2 Gen 2 (10Gbps) or higher.

## 6.2 Backing Up Photos and Videos

The MAIWO Portable SSD is ideal for backing up media from your devices.

### For iPhone (iOS):

1. Connect the SSD to your iPhone.
2. Open the 'Photos' app, select the photos/videos you wish to back up.
3. Tap the 'Share' icon, then select 'Save to Files'.
4. Browse to the MAIWO SSD (usually labeled '1TB' or similar capacity) and tap 'Save'.

### For Android Phones:

1. Connect the SSD to your Android phone.
2. Open the 'File Manager' app.
3. Navigate to your phone's internal storage or gallery, select the files you want to move.
4. Choose 'Move' or 'Copy', then select the 'OTG' or external storage option (your MAIWO SSD) as the destination and tap 'Paste'.

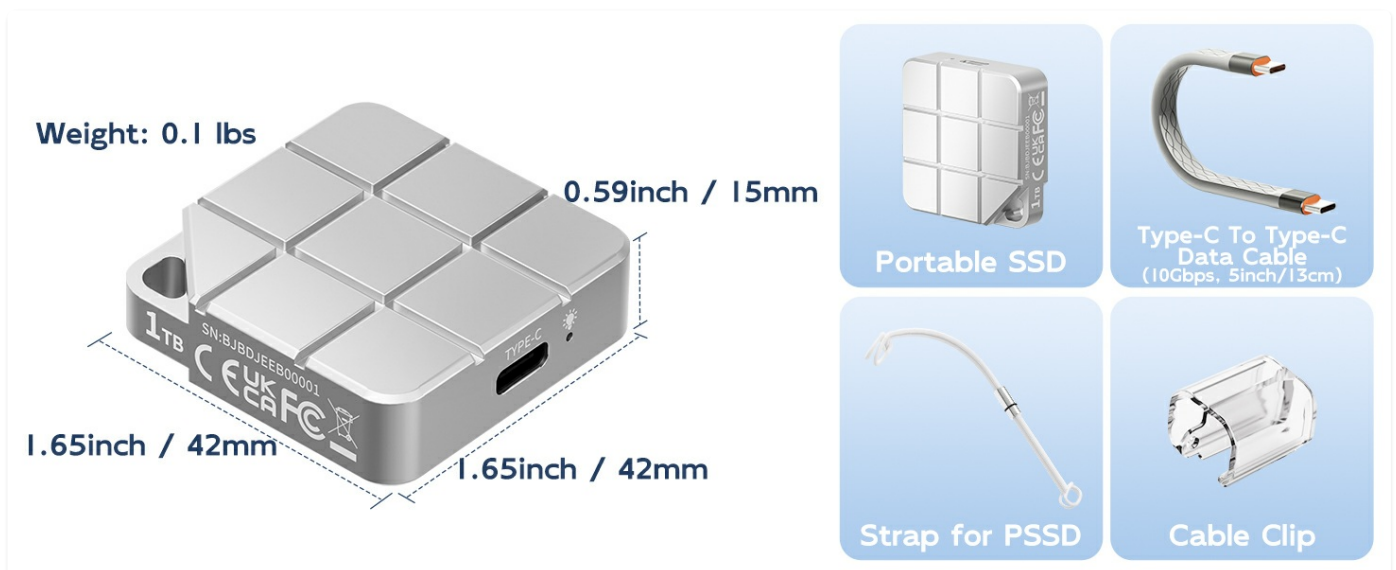


Image: File management interfaces on Android and iOS for accessing the connected MAIWO Portable SSD.

## 6.3 ProRes 4K Video Recording

For iPhone 15 Pro/Pro Max users, the MAIWO Portable SSD supports direct recording and saving of 4K ProRes videos, making it an ideal solution for professional videography.

1. Connect the SSD to your iPhone 15 Pro/Pro Max.
2. Open the Camera app.
3. Go to Camera Settings and enable Apple ProRes video recording.
4. Ensure the SSD is selected as the storage destination for ProRes videos.

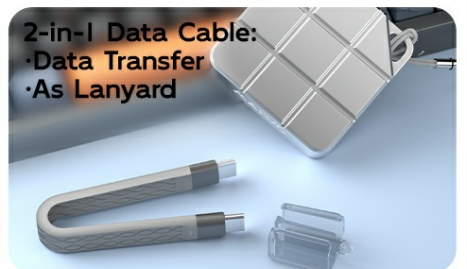
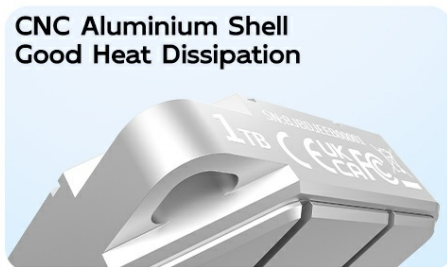


Image: iPhone camera settings showing the option to enable Apple ProRes for high-quality video recording directly to the external SSD.



## Mobile Gimbal

Record 4K Video  
Anytime Anywhere



## Camera Expansion

Expand Capacity  
Up to 2TB



## Drone Expansion

Light Body  
Won't Affect Flight

Image: The MAIWO Portable SSD expanding storage for mobile gimbals, cameras, and drones, enabling 4K video recording and large file storage.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the SSD. Avoid liquid cleaners.
- **Heat Dissipation:** The aluminum alloy shell is designed for efficient heat dissipation. During prolonged high-speed transfers, the device may become warm, which is normal. Ensure adequate airflow around the device.
- **Safe Ejection:** Always safely eject the SSD from your device before disconnecting it to prevent data corruption.
- **Firmware Updates:** Check the MAIWO official website periodically for any available firmware updates to ensure optimal performance and compatibility.

## 8. TROUBLESHOOTING

### 8.1 Device Not Recognized

- **Check Connection:** Ensure the USB-C cable is securely plugged into both the SSD and your host device.
- **Try Another Port/Cable:** Test with a different USB-C port on your device or a different compatible USB-C cable.
- **Restart Device:** Restart your computer or smartphone and try connecting again.
- **Check Device Manager (Windows) / Disk Utility (macOS):** Verify if the drive appears there. It might need initialization or formatting.

### 8.2 Slow Transfer Speeds

- **USB Port Speed:** Ensure your host device's USB-C port supports USB 3.2 Gen 2 (10Gbps) for maximum speed. Older USB versions will result in lower speeds.
- **Cable Quality:** Use the provided high-speed cable or another certified USB 3.2 Gen 2 compatible cable.
- **Background Processes:** Close any unnecessary applications or background processes that might be consuming system resources.
- **File Type:** Transferring many small files is generally slower than transferring a few large files.

### 8.3 Data Corruption

- **Safe Ejection:** Always safely eject the drive before disconnecting.
- **Power Supply:** Ensure a stable power supply to your host device during transfers.
- **Reformat:** If data corruption persists, consider backing up any recoverable data and then reformatting the drive. The drive is typically formatted as exFAT for broad compatibility.

## 9. SPECIFICATIONS

| Feature                  | Specification                                                      |
|--------------------------|--------------------------------------------------------------------|
| Digital Storage Capacity | 512 GB                                                             |
| Hard Disk Interface      | Solid State                                                        |
| Connectivity Technology  | USB                                                                |
| Brand                    | MAIWO                                                              |
| Special Features         | LED Light, Portable, SMR Technology, Shock Resistant, TRIM Support |
| Hard Disk Form Factor    | 3 Centimeters (M.2 2230)                                           |

| Feature                             | Specification                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------|
| Compatible Devices                  | Camera, Desktop, Drone, Gaming Console, Macbook Pro/PS4/PS5/Smartphone/Laptop/Tablet/Notebook |
| Installation Type                   | External Hard Drive                                                                           |
| Read Speed                          | Up to 1050 MB/s (10 Gigabits Per Second)                                                      |
| Data Transfer Rate                  | 10 Gigabits Per Second                                                                        |
| Hardware Connectivity               | USB 3.2 Gen 2                                                                                 |
| Enclosure Material                  | Aluminum Alloy Shell                                                                          |
| Model Name                          | 0.5                                                                                           |
| Item Weight                         | 47 Grams                                                                                      |
| Item Dimensions (L x W x Thickness) | 1.65"L x 1.65"W x 0.59"Th                                                                     |

## 10. WARRANTY AND SUPPORT

Your MAIWO Portable External SSD comes with a **One Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use. For technical support, warranty claims, or any inquiries regarding your MAIWO product, please contact the MAIWO Official seller or visit the official MAIWO website for assistance.

**MAIWO Official Store:** [Visit MAIWO Store on Amazon](#)

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### 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