

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [MAIWO](#) /

> [MAIWO K306A Hard Drive Docking Station User Manual](#)

## MAIWO K306A

# MAIWO K306A Hard Drive Docking Station User Manual

Model: K306A

## INTRODUCTION

The MAIWO K306A Hard Drive Docking Station provides a convenient solution for connecting 2.5-inch and 3.5-inch SATA HDDs and SSDs to your computer via USB 3.0. This docking station supports capacities up to 24TB and offers a data transfer speed of up to 5Gbps. Its vertical, tool-free design ensures easy installation and efficient heat dissipation, making it ideal for data backup, storage expansion, and data migration.

## PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1x MAIWO Hard Drive Docking Station for 2.5/3.5 inch SATA
- 1x USB-A to USB-B Data Cable
- 1x 12V 2A Power Adapter
- 1x User Manual

## PRODUCT FEATURES

- **Universal Compatibility:** Supports all 2.5-inch and 3.5-inch SATA I/II/III HDDs and SSDs. *Note: IDE Parallel Port drives are not supported.*
- **High-Speed Data Transfer:** Equipped with a USB 3.0 Type-B interface and ASM chipset, achieving transfer speeds up to 5Gbps.
- **Large Capacity Support:** Accommodates hard drives with capacities up to 24TB.
- **Tool-Free Vertical Design:** Allows for easy insertion and removal of drives without tools, promoting better heat dissipation for stable, long-term operation.
- **RGB Lighting:** Features an automatic RGB light display when powered on. The light colors are not adjustable.
- **Plug and Play:** No driver installation required for most operating systems.
- **Power Supply:** Includes a 12V 2A power adapter for stable operation, especially with high-capacity drives.

# 5Gbps Fast Transfer Speed

Equipped with USB 3.0 Type-B interface, support UASP acceleration protocol.



# 5Gbps

Support USAP only when the operation system is Windows 8.1 or above.

Image: The MAIWO K306A docking station connected to a laptop, demonstrating its high-speed data transfer capability.

# Support 2.5/3.5" SATA I/II/III HDD/SSD



Support ✓

2.5" SATA (Serial)



Support ✓

3.5" SATA (Serial)



Not Support ✗

IDE (Parallel)



3.5" SATA HDD



2.5" SATA HDD



2.5" SATA SSD

Image: Visual representation of supported drive types (2.5" and 3.5" SATA) and unsupported types (IDE).

## SETUP INSTRUCTIONS

- 1. Insert Hard Drive:** Gently insert your 2.5-inch or 3.5-inch SATA HDD/SSD into the SATA interface slot of the docking station. Ensure the drive is seated firmly.



Image: Step 1 - Inserting a hard drive into the docking station.

2. **Connect Power:** Connect the provided 12V 2A power adapter to the docking station's power input port, then plug the adapter into a power outlet.
3. **Connect to Computer:** Connect the USB-A to USB-B data cable from the docking station's USB 3.0 Type-B interface to an available USB port on your computer.



Image: Step 2 - Connecting the docking station to power and a computer.

4. **Power On:** Press the power button on the docking station. The RGB lights will illuminate.
5. **Driver Installation:** Your computer should automatically detect and install the necessary drivers. No manual driver installation is typically required.
6. **Disk Initialization (for new drives):** If you are using a new hard drive, it may need to be initialized and formatted before use.
  - For Windows: Right-click "This PC" (or "My Computer") > "Manage" > "Disk Management". Find your disk, right-click it, and select "Initialize Disk".
  - If the disk is larger than 2TB, choose GPT (GUID Partition Table).
  - If the disk is 2TB or smaller, you can choose MBR (Master Boot Record) or GPT; GPT is generally preferred.
  - After initialization, create a new simple volume and format it.

## OPERATING INSTRUCTIONS

### Data Transfer

Once the hard drive is recognized by your computer, you can access it like any other external storage device. Drag and drop files, copy, or move data between your computer and the installed hard drive. The USB 3.0 interface ensures fast data transfer speeds up to 5Gbps.

## One-Touch Backup (OTB) Function

The MAIWO K306A supports a One-Touch Backup function, which requires specific software installation.

1. **Download Software:** Visit the official MAIWO website (MAIWO ASIA) and navigate to the "Download" section. Locate and download the "MAIWO Smart Backup - Intelligent Backup Software (Windows) Client" for models K306A & K306B.
2. **Install Software:** Temporarily disable your computer's antivirus software before installation to prevent conflicts. Follow the on-screen prompts to complete the software installation.
3. **Configure Backup:** Within the MAIWO Smart Backup software, set up your desired backup file path and other preferences.
4. **Perform Backup:** With the software configured and running, press the OTB button on the docking station to initiate the backup process.

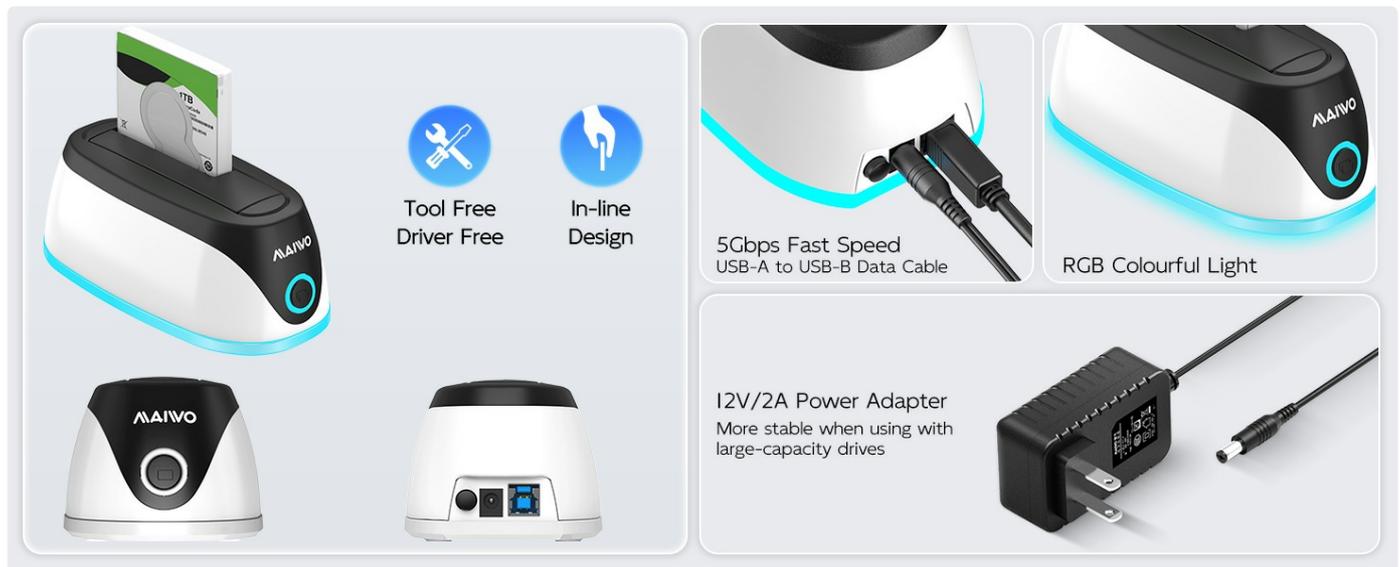


Image: Instructions for downloading and using the OTB software.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device and hard drives with care to prevent physical damage.
- **Ventilation:** Ensure the ventilation slots are not obstructed to maintain optimal heat dissipation.

## TROUBLESHOOTING

### Issue: Hard drive not detected by computer.

- Ensure the power adapter is securely connected and the docking station is powered on.
- Verify the USB data cable is properly connected to both the docking station and your computer. Try a different USB port on your computer.
- Check if the hard drive is correctly seated in the SATA slot.

- For new hard drives, ensure they are initialized and formatted via Disk Management (Windows) or Disk Utility (macOS). Refer to "Setup Instructions" for details.
- Test with a different hard drive to rule out a drive issue.

**Issue: Slow data transfer speeds.**

- Ensure the docking station is connected to a USB 3.0 port on your computer. USB 2.0 ports will result in slower speeds.
- Verify your operating system supports UASP acceleration protocol (Windows 8.1 or above for optimal performance).
- The actual speed may vary depending on the hard drive's performance and your computer's system configuration.

**Issue: RGB lights are on but cannot be changed or turned off.**

- The RGB lighting on the K306A docking station is designed to change colors automatically and is not user-adjustable or switchable. This is normal operation.

## SPECIFICATIONS

Feature	Detail
Model Number	K306A
Compatibility	2.5" / 3.5" SATA I/II/III HDD & SSD
Interface	USB 3.0 Type-B
Transfer Speed	Up to 5Gbps (USB 3.0)
Max Capacity	24TB
Power Supply	12V 2A Power Adapter
Product Dimensions	6.26 x 3.29 x 2.48 inches (159 x 84 x 63 mm)
Item Weight	1.04 pounds (470 Grams)
Supported OS	Windows, macOS, Linux, Android

SATA Interface



OTB Button

USB 3.0 Type-B Interface

Power Input

Power Button



Image: Rear view of the docking station showing power input, USB 3.0 Type-B interface, and power button.

Thickness:  
2.48"



Width: 3.31"



Length: 6.26"

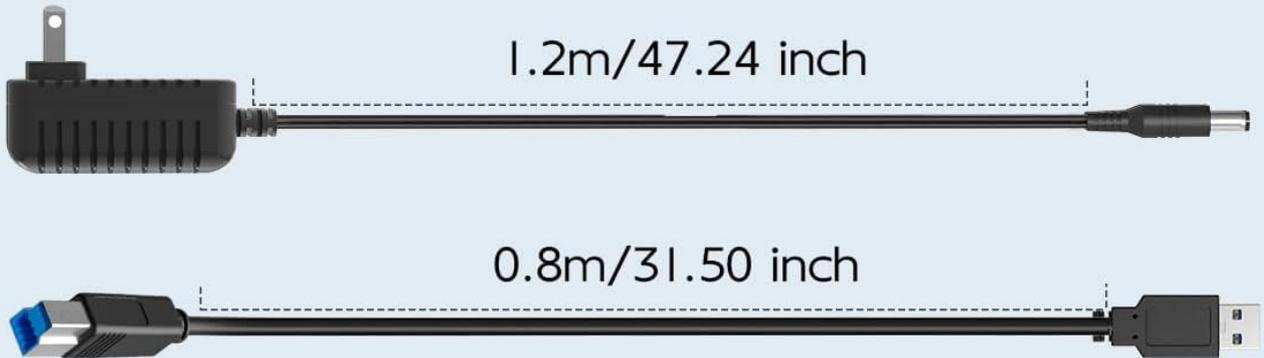


Image: Product dimensions and cable lengths.

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official MAIWO website or contact MAIWO customer service directly. Contact details are typically available on the product packaging or the manufacturer's website.

**Manufacturer:** MAIWO

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

