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> [Unitek Y-1091 USB3.0 to SATA6G 2.5/3.5-inch Aluminium Docking Station User Manual](#)

Unitek Y-1091

Unitek Y-1091 USB3.0 to SATA6G Docking Station User Manual

Model: Y-1091

1. INTRODUCTION

This manual provides instructions for the Unitek Y-1091 USB3.0 to SATA6G Aluminium Docking Station. This device is designed to provide convenient access to 2.5-inch and 3.5-inch SATA hard disk drives (HDDs) and solid-state drives (SSDs) via a SuperSpeed USB 3.0 connection. It features a durable aluminium enclosure and supports UASP for enhanced data transfer performance.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Unitek USB3.0 to SATA6G Aluminium Docking Station
- 1 x USB 3.0 Data Cable
- 1 x Power Adapter (12V2A)
- 1 x User Manual (this document)

3. PRODUCT FEATURES

- **Aluminium Enclosure:** Stylish and durable design.
- **Wide Compatibility:** Supports all 2.5-inch and 3.5-inch SATA I/II/III HDDs and SSDs of any capacity.
- **SuperSpeed USB 3.0:** Data transfer speeds up to 5Gbps. Backward compatible with USB 2.0/1.1.
- **UASP Support:** USB Attached SCSI Protocol accelerates data transfer speeds.
- **Sleep Mode Function:** Automatically enters sleep mode to conserve energy.
- **Plug and Play:** No driver installation required for most operating systems.
- **Operating System Support:** Compatible with Windows XP / 7 / Vista / 8 / 8.1 / 10 (32 / 64 bit), Linux, and Mac OS.

4. SETUP GUIDE

4.1 Identify Components

Familiarize yourself with the docking station's layout:



Image 1: Front view of the Unitek Y-1091 Docking Station, showing the drive slot and LED indicators.



Image 2: Rear view of the Unitek Y-1091 Docking Station, highlighting the USB 3.0 port, DC power input, and ON/OFF switch.

4.2 Drive Compatibility

The docking station supports both 2.5-inch and 3.5-inch SATA HDDs and SSDs.

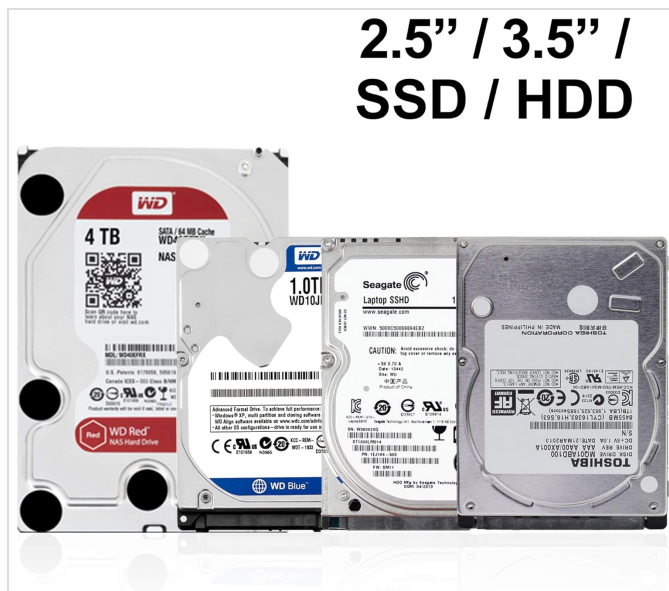


Image 3: Illustration of various 2.5-inch and 3.5-inch SATA hard drives and solid-state drives compatible with the docking station. For more information on Western Digital Red drives, visit <http://qr.wdc.com/wdred>.

4.3 Installation Steps

1. **Insert Hard Drive:** Gently slide your 2.5-inch or 3.5-inch SATA HDD/SSD into the drive slot of the docking station until it is firmly seated. Ensure the SATA connectors align correctly.



Image 4: A hand demonstrating the insertion of a 3.5-inch hard disk drive into the top slot of the Unitek docking station.

2. **Connect Power:** Connect the provided power adapter to the DC-12V port on the back of the docking station, then plug the adapter into a power outlet.
3. **Connect to Computer:** Connect one end of the USB 3.0 data cable to the USB 3.0 Type-B port on the docking station and the other end to an available USB 3.0 port on your computer.



Image 5: The Unitek docking station with a hard drive inserted, connected via USB to a laptop, indicating readiness for use.

4. **Power On:** Flip the ON/OFF switch on the back of the docking station to the "ON" position. The power indicator LED on the top of the docking station will illuminate.
5. **Driver Installation (if necessary):** For most modern operating systems, the device will be recognized

automatically. If prompted, follow the on-screen instructions for driver installation.

5. OPERATING INSTRUCTIONS

5.1 Accessing Your Drive

Once connected and powered on, your operating system should detect the drive. It will appear as a removable disk or external drive in your file explorer (Windows) or Finder (Mac OS). You can then access, transfer, and manage files as you would with any internal drive.

5.2 Data Transfer

The Unitek Y-1091 supports USB 3.0 SuperSpeed, offering data transfer rates up to 5Gbps. For optimal performance, ensure your computer has a USB 3.0 port and that the drive you are using is capable of high-speed data transfer. The UASP (USB Attached SCSI Protocol) feature further enhances transfer efficiency, especially with SSDs.

5.3 Safely Removing the Drive

Before disconnecting the docking station or removing the hard drive, always safely eject the drive from your operating system to prevent data corruption. Look for the "Safely Remove Hardware and Eject Media" icon in the Windows taskbar or drag the drive icon to the Trash/Eject icon on Mac OS.

5.4 Sleep Mode

The docking station features an automatic sleep mode function. If the drive is inactive for a period, the docking station will enter sleep mode to conserve power. The drive will automatically wake up when accessed again.

6. MAINTENANCE

- Keep the docking station clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the device yourself. This may void the warranty.
- Ensure proper ventilation around the device during operation.

7. TROUBLESHOOTING

Problem: Drive not detected.

Solution:

- Ensure the docking station is powered on and the power adapter is securely connected.
- Verify the USB 3.0 data cable is firmly connected to both the docking station and your computer.
- Try connecting to a different USB port on your computer.
- Ensure the hard drive is properly seated in the docking station slot.
- Check if the drive is initialized and formatted in your computer's Disk Management (Windows) or Disk Utility (Mac OS). New drives may need to be initialized and formatted before use.
- Test with a different hard drive to rule out a drive issue.

Problem: Slow data transfer speeds.

Solution:

- Ensure you are connected to a USB 3.0 port on your computer. USB 2.0 ports will limit speeds.
- Verify that your operating system and drivers are up to date.

- The actual transfer speed depends on the speed of your hard drive/SSD.
- Avoid transferring many small files simultaneously, as this can reduce overall speed.

Problem: Docking station enters sleep mode too quickly or not at all.

Solution:

- Sleep mode is automatic and not user-configurable on the device itself. Ensure no background processes are constantly accessing the drive, which would prevent it from sleeping.
- Check your computer's power management settings, as they can sometimes interfere with external device sleep functions.

8. SPECIFICATIONS

Brand	Unitek
Model Number	Y-1091
Interface	USB 3.0 (Upstream), SATA I/II/III (Downstream)
Data Transfer Speed	Up to 5Gbps (USB 3.0 SuperSpeed)
Drive Compatibility	2.5-inch and 3.5-inch SATA HDD/SSD
Power Input	DC 12V/2A (Adapter included)
Dimensions (L x W x H)	128 mm x 80 mm x 61 mm
Weight	0.48 Kilograms
Material	Aluminium Enclosure
Operating System Support	Windows XP / 7 / Vista / 8 / 8.1 / 10 (32 / 64 bit), Linux, Mac OS

9. WARRANTY AND SUPPORT

The Unitek Y-1091 USB3.0 to SATA6G Aluminium Docking Station comes with a **2-Year Manufacturer's Warranty**. For technical support, warranty claims, or further assistance, please contact Unitek customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.