

Inateck SA02003

Inateck SA02003 RGB SATA to USB 3.0 Hard Drive Docking Station User Manual

Model: SA02003 | Brand: Inateck

1. PRODUCT OVERVIEW

The Inateck SA02003 is an RGB SATA to USB 3.0 Hard Drive Docking Station designed for convenient access and management of 2.5-inch and 3.5-inch SATA HDDs and SSDs. It supports high-speed data transfer via USB 3.0 with UASP and features an independent offline cloning function, allowing direct drive duplication without a computer connection. The integrated RGB lighting provides visual feedback on drive activity and status.

Package Contents

- 1 x Inateck SA02003 Docking Station
- 1 x Instruction Manual
- 1 x 12V/3A Power Adapter
- 1 x USB 3.0 Data Cable

PACKAGE LIST



Image: Contents of the Inateck SA02003 package, including the docking station, power adapter, USB cable, and manual.

2. SETUP INSTRUCTIONS

2.1 Connecting the Power Adapter

1. Connect the provided 12V/3A power adapter to the DC IN port on the back of the docking station.
2. Plug the power adapter into a standard electrical outlet.

2.2 Connecting to a Computer (Optional for Data Transfer)

1. Connect one end of the supplied USB 3.0 data cable to the USB 3.0 port on the docking station.
2. Connect the other end of the USB 3.0 data cable to an available USB 3.0 port on your computer.

2.3 Inserting Hard Drives/SSDs

1. Ensure the docking station is powered off before inserting or removing drives.
2. Gently slide your 2.5-inch or 3.5-inch SATA HDD/SSD into the appropriate slot (Slot A or Slot B) until it is firmly seated. Ensure the SATA connectors align correctly.
3. For optimal performance and stability, ensure drives are inserted vertically and completely.



**FAST FLASH
EFFECT**

**BREATHING
EFFECT**

Image: The Inateck SA02003 docking station with both a 3.5-inch HDD and a 2.5-inch SSD inserted into its slots, demonstrating proper drive placement.



Image: A close-up view showing the SATA data and power connectors on both a 2.5-inch SSD and a 3.5-inch HDD, highlighting their compatibility with the docking station.

3. OPERATING INSTRUCTIONS

3.1 Data Transfer Mode

When connected to a computer via the USB 3.0 cable, the docking station functions as an external drive enclosure. Insert your

HDD/SSD into either Slot A or Slot B. Power on the docking station. Your computer's operating system (Windows, macOS, Linux) should automatically detect the drive(s).

- **UASP Support:** The docking station supports UASP (USB Attached SCSI Protocol) for faster data transfer speeds, provided your computer's operating system and USB controller also support UASP.
- **RGB Lighting:** The RGB LED strip at the base of the docking station will flash quickly when a hard drive is actively working (reading/writing data). When the drive enters sleep mode or is removed, the RGB lighting will transition to a breathing effect.



Image: The Inateck SA02003 docking station connected to a computer, illustrating its capability for data transfer at speeds up to 5Gbps.

3.2 Offline Clone Function

The offline clone function allows you to duplicate a source drive to a target drive without connecting to a computer. This is ideal for creating backups or upgrading drives.

1. **Preparation:** Ensure the docking station is powered off and disconnected from any computer.
2. **Insert Drives:** Insert the **Source Drive** (the drive you want to copy FROM) into **Slot A**. Insert the **Target Drive** (the drive you want to copy TO) into **Slot B**.
3. **Important Note:** The target drive (Slot B) must have a capacity equal to or greater than the source drive (Slot A). If the target drive is smaller, the cloning process will fail. All data on the target drive will be overwritten during cloning.
4. **Power On:** Connect the power adapter and turn on the docking station. Do NOT connect the USB data cable to a computer.
5. **Initiate Clone:** Press and hold the 'Clone' button for approximately 3-5 seconds until the cloning progress indicator lights (25%, 50%, 75%, 100%) begin to flash.
6. **Monitor Progress:** The indicator lights will illuminate sequentially to show the cloning progress: 25%, 50%, 75%, 100%.
7. **Completion:** Once the 100% indicator light remains solid, the cloning process is complete.
8. **Power Off:** Turn off the docking station and safely remove the drives.

OFFLINE-CLONING

25%

50%

70%

100%



Image: The Inateck SA02003 docking station performing an offline clone, with indicator lights showing the cloning progress (25%, 50%, 75%, 100%).

4. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners or solvents.
- **Handling Drives:** Always handle hard drives and SSDs with care. Avoid dropping them or exposing them to strong impacts.
- **Storage:** Store the docking station and drives in a cool, dry place away from direct sunlight and extreme temperatures.

- **Power Cycle:** If the device is unresponsive, disconnect the power adapter, wait a few seconds, and then reconnect it.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Drive not recognized by computer	Loose connection, drive not initialized/formatted, driver issue.	Ensure USB cable and power adapter are securely connected. Check if the drive is properly seated in the slot. For new drives, initialize and format them via Disk Management (Windows) or Disk Utility (macOS). Try a different USB port or cable.
Offline cloning fails	Target drive capacity too small, drives not properly inserted, cloning process interrupted.	Verify the target drive (Slot B) has a capacity equal to or greater than the source drive (Slot A). Ensure both drives are fully inserted. Do not connect to a computer during cloning. Ensure stable power supply.
Slow data transfer speed	USB 2.0 port used, UASP not enabled, drive performance limitations.	Connect to a USB 3.0 port on your computer. Ensure your operating system and USB controller support UASP. Check the health and speed of the HDD/SSD itself.
RGB lights not working or stuck	Power issue, internal malfunction.	Ensure the power adapter is connected correctly. Try power cycling the device. If the issue persists, contact customer support.

6. SPECIFICATIONS

Model: SA02003

Material: Plastic

Item Weight: 9.1 ounces (0.57 Pounds)

Memory Storage Capacity: Up to 20 TB (per slot)

Compatible Devices: Laptop, PC

Hard Disk Form Factor: 2.5 Inches, 3.5 Inches

Max Number of Supported Devices: 2

Data Transfer Rate: 5 Gigabits Per Second (USB 3.0)

Product Dimensions: 5.91 x 4.49 x 2.4 inches (15.01 x 11.40 x 6.10 cm)

Hardware Interface: Solid State Drive, USB 3.0

Brand: Inateck

Color: Black

Compatible Operating Systems: Mac OS, Windows, Linux

COMPATIBLE SYSTEMS



Mac OS



Windows



Linux



Image: The Inateck SA02003 docking station demonstrating compatibility with Mac OS, Windows, and Linux operating systems.

7. WARRANTY AND SUPPORT

Inateck products are designed with quality and customer satisfaction in mind. For specific warranty information regarding your SA02003 docking station, please refer to the warranty card included in your product packaging or visit the official Inateck website.

If you encounter any issues or have questions not covered in this manual, please contact Inateck customer support for assistance.

You can typically find contact information on the Inateck official website or through your purchase platform.

For further information and support, please visit the [Inateck Store on Amazon](#).

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