Inateck USB 3.0 to SATA Docking Station

Inateck USB 3.0 to SATA Docking Station User Manual

Model: USB 3.0 to SATA Docking Station (ASIN: B06XYL599P)
Brand: Inateck

Product Overview

The Inateck USB 3.0 to SATA Docking Station is designed to provide convenient access to 2.5-inch and 3.5-inch SATA hard drives (HDD) and solid-state drives (SSD). It supports drives up to 10TB and offers high-speed data transfer via USB 3.0. A key feature of this docking station is its offline clone function, allowing direct drive-to-drive cloning without needing a computer connection.



Figure 1: Inateck USB 3.0 to SATA Docking Station

Package Contents

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

- 1x Inateck USB 3.0 to SATA Docking Station
- 1x 12V/3A Power Adapter
- 1x USB 3.0 Cable
- 1x User Manual (this document)



Figure 2: Docking Station and Included Accessories

Setup Guide

1. **Connect Power:** Plug the 12V/3A power adapter into the DC-12V input jack on the back of the docking station, then connect it to a power outlet.
2. **Connect to Computer (Optional for Data Transfer):** If you intend to use the docking station for data transfer with a computer, connect one end of the provided USB 3.0 cable to the USB 3.0 port on the docking station and the other end to an available USB 3.0 port on your computer.
3. **Insert Drives:**
    - For 2.5-inch SATA HDDs/SSDs: Gently slide the drive into either the A or B slot until it is firmly seated.
    - For 3.5-inch SATA HDDs/SSDs: Gently slide the drive into either the A or B slot until it is firmly seated.



Figure 3: Inserting Drives into Docking Station

4. **Power On:** Flip the ON/OFF switch on the back of the docking station to the "ON" position. The power LED on the front will illuminate.

Operating Modes

1. Data Transfer Mode (USB 3.0)

When connected to a computer via the USB 3.0 cable, the docking station functions as an external drive enclosure. Both inserted drives will appear as separate storage devices on your computer. You can drag and drop files, back up data, or access content directly.

- **Plug and Play:** No drivers are typically required for Windows XP/7/8/10, Linux, Mac OS 9.1/10.8.4 and above.

- **High-Speed Transfer:** Supports USB 3.0 with data transfer speeds up to 5Gbps. It also supports UASP (USB Attached SCSI Protocol) for faster read and write speeds, especially with SSDs.



Figure 4: High-Speed Data Transfer Performance

2. Offline Clone Function

The docking station can clone a source drive to a target drive without needing a computer connection. This is ideal for system migration or data backup.

1. **Prepare Drives:** Ensure the docking station is powered off and disconnected from any computer. Insert the **source drive** into the **A slot** and the **target drive** into the **B slot**. The target drive must be equal to or larger in capacity than the source drive.
2. **Initiate Clone:** Power on the docking station. Press and hold the "Clone" button (usually indicated by a square icon) for approximately 3-5 seconds until the clone progress LEDs (25%, 50%, 75%, 100%) begin to blink.
3. **Confirm Clone:** Release the button, then quickly press it again to confirm the cloning process. The LEDs will light up sequentially, indicating the cloning progress.
4. **Completion:** All four clone progress LEDs will remain solid when the cloning process is complete. Power off the docking station before removing the drives.



Figure 5: Offline Cloning Progress Indicators

Note: The cloning time will vary depending on the capacity and speed of the drives. Ensure no important data is on the target drive as it will be overwritten during the cloning process.

Compatibility

The Inateck USB 3.0 to SATA Docking Station offers broad compatibility with various operating systems and drive types:

- **Operating Systems:** Compatible with Windows XP/7/8/10, Linux, Mac OS 9.1/10.8.4 and above.
- **Drive Types:** Supports standard desktop 2.5-inch and 3.5-inch SATA I/II/III HDDs and SSDs.
- **Max Capacity:** Supports up to 10TB per drive slot.



Figure 6: System Compatibility Overview

Specifications

Feature	Description
Material	Metal
Item Weight	10.2 ounces (0.64 Pounds)
Memory Storage Capacity	Up to 16 TB (per slot, total 20TB mentioned in image)
Compatible Devices	Laptop, Desktop PCs
Hard Disk Form Factor	2.5 Inches, 3.5 Inches (SATA HDD/SSD)
Max Number of Supported Devices	2
Data Transfer Rate	6 Gigabits Per Second (SATA III), 5 Gigabits Per Second (USB 3.0)

Feature	Description
Hardware Interface	USB
Color	Black
Product Dimensions (LxWxH)	6.22 x 3.94 x 2.68 inches
Hardware Platform	Windows, Mac, Linux

Troubleshooting

- **Drive Not Detected:**
  - Ensure the drive is properly seated in the slot.
  - Verify the power adapter is securely connected and the docking station is powered on.
  - If connected to a computer, try a different USB port or cable.
  - Check Disk Management (Windows) or Disk Utility (Mac) to see if the drive is recognized but unformatted or unallocated.
- **Cloning Fails or Stops:**
  - Ensure the target drive's capacity is equal to or larger than the source drive's capacity.
  - Verify both drives are properly inserted and the docking station is not connected to a computer during offline cloning.
  - Ensure the clone button is pressed and held, then quickly pressed again to confirm.
- **Slow Transfer Speeds:**
  - Ensure you are using a USB 3.0 port on your computer and the provided USB 3.0 cable.
  - Verify your operating system supports UASP for optimal performance.
  - The speed of the drive itself (HDD vs. SSD) will significantly impact transfer rates.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling Drives:** Always handle hard drives and SSDs with care. Avoid dropping or subjecting them to physical shock.
- **Power Cycle:** If experiencing minor issues, try powering off the docking station, disconnecting it from power and USB, waiting a few seconds, and then reconnecting.

Warranty and Support

Inateck products come with a standard manufacturer's warranty. For detailed warranty information, technical support, or customer service inquiries, please visit the official Inateck website or contact their customer support team. Keep your purchase receipt for warranty claims.

Inateck Official Website: www.inateck.com