

AISENS ASDS-D01B

AISENS ASDS-D01B Dock Station User Manual

Model: ASDS-D01B | Brand: AISENS

1. PRODUCT OVERVIEW

The AISENS ASDS-D01B is a versatile dual-bay docking station designed for 2.5-inch and 3.5-inch SATA hard drives and solid-state drives (SSDs). It features a high-speed USB 3.0 interface for data transfer to a computer and an independent offline clone function, allowing direct disk-to-disk duplication without a computer connection. Its robust design and user-friendly features make it ideal for data backup, recovery, and drive management.

Package Contents:

- AISENS ASDS-D01B Docking Station
- USB 3.0 Cable
- Power Adapter
- User Manual (this document)

Product Features:

- Dual bay design for 2.5" and 3.5" SATA I/II/III HDDs/SSDs.
- USB 3.0 SuperSpeed interface (up to 5Gbps).
- Backward compatible with USB 2.0.
- Offline clone function (stand-alone duplication).
- Plug & Play, Hot-Swap compatible.
- LED indicators for power and activity.

Component Identification:



Figure 1.1: Front View. Shows the front panel of the docking station with a circular, multi-color LED indicator, which displays power status and cloning progress.



Figure 1.2: Top View. Displays the top of the docking station with two vertical slots for inserting 2.5-inch or 3.5-inch SATA hard drives or SSDs.



Figure 1.3: Rear View. Illustrates the back panel, featuring a USB 3.0 Type-B port for computer connection, a DC 12V power input jack, and a power on/off button.



Figure 1.4: Angled View. Provides a perspective view of the docking station, highlighting the two drive slots labeled "HDD A" and "HDD B" and the front LED indicator.

2. SETUP

1. **Connect Power:** Connect the provided power adapter to the DC 12V input port on the rear of the docking station (Figure 1.3), then plug the adapter into a wall outlet.
2. **Insert Drives:** Gently slide your 2.5-inch or 3.5-inch SATA HDD/SSD into the drive bays (HDD A and HDD B) until they are firmly seated. Ensure the SATA connector aligns correctly. You can insert one or two drives depending on your needs.
3. **Connect to Computer (for Data Transfer):** If you intend to use the docking station for data transfer, connect one end of the supplied USB 3.0 cable to the USB 3.0 port on the rear of the docking station (Figure 1.3) and the other end to an available USB 3.0 port on your computer. The docking station is backward compatible with USB 2.0 ports, but for optimal performance, a USB 3.0 port is recommended.
4. **Power On:** Press the power button located on the rear of the docking station (Figure 1.3). The front LED indicator (Figure 1.1) will illuminate, indicating the device is powered on.

Note: For new hard drives, you may need to initialize, partition, and format them through your operating system's Disk Management (Windows) or Disk Utility (macOS) before they appear in "My Computer" or "Finder".

3. OPERATING INSTRUCTIONS

3.1. Data Transfer Mode (Connected to Computer)

1. Ensure the docking station is powered on and connected to your computer via the USB 3.0 cable as described in Section 2.
2. Insert the SATA HDD/SSD into the desired bay (HDD A or HDD B).
3. Your operating system should automatically detect the drive(s). The front LED indicator will show activity during data transfer.
4. You can now access the drive(s) like any other external storage device for reading, writing, and managing files.
5. To safely remove a drive, always use the "Safely Remove Hardware" option in Windows or "Eject" in macOS before physically disconnecting the drive or powering off the docking station.

3.2. Offline Clone Function (Stand-Alone Duplication)

The offline clone function allows you to duplicate a source drive to a target drive without needing a computer. This is ideal for creating exact copies of drives for backup or migration.

1. **Preparation:** Ensure the docking station is powered off and disconnected from any computer.
2. **Insert Source Drive:** Insert the **Source Drive** (the drive you want to copy FROM) into the **HDD A** slot.
3. **Insert Target Drive:** Insert the **Target Drive** (the drive you want to copy TO) into the **HDD B** slot.
 - *Important: The Target Drive (HDD B) must be equal to or larger in capacity than the Source Drive (HDD A).*
 - *Warning: All data on the Target Drive (HDD B) will be erased during the cloning process. Back up any important data on the Target Drive before proceeding.*
4. **Power On:** Press the power button on the rear of the docking station.
5. **Initiate Clone:** Press and hold the "CLONE" button (usually located near the drive slots or on the front panel, often integrated with the LED indicator) for approximately 3-5 seconds until the LED indicator begins to flash or change color, indicating the cloning process has started.
6. **Monitor Progress:** The front LED indicator will change color or flash in a specific pattern to show the cloning progress (e.g., different colors for 25%, 50%, 75%, 100% completion). Refer to the device's specific LED behavior for exact progress indication.
7. **Completion:** Once the cloning process is complete, the LED indicator will typically turn solid or change to a specific

color (e.g., green). Power off the docking station before removing the drives.

Note: The cloning speed depends on the speed of your drives and the amount of data. Do not disconnect power or drives during the cloning process.

4. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the device to strong impacts. Do not attempt to disassemble the unit, as this will void the warranty.
- **Ventilation:** Ensure proper ventilation around the docking station during operation to prevent overheating, especially during long cloning processes.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on.	Power adapter not connected or faulty.	Ensure power adapter is securely connected to the docking station and a working power outlet. Try a different outlet.
Drive not recognized by computer.	<ul style="list-style-type: none">• Loose USB connection.• Drive not properly seated.• New drive not initialized/formatted.• Faulty drive.	<ul style="list-style-type: none">• Reconnect USB cable. Try a different USB port on your computer.• Re-insert the drive firmly into the bay.• Initialize, partition, and format the drive via Disk Management (Windows) or Disk Utility (macOS).• Test the drive in another enclosure or directly connect to a computer if possible.
Offline clone fails or does not start.	<ul style="list-style-type: none">• Target drive capacity smaller than source drive.• USB cable connected to computer during clone.• Drives not properly seated.• Faulty drives.	<ul style="list-style-type: none">• Ensure Target Drive (HDD B) is equal to or larger than Source Drive (HDD A).• Disconnect the USB cable from the computer. The clone function is stand-alone.• Re-insert both drives firmly.• Test drives individually for errors.

6. SPECIFICATIONS

Model Number	ASDS-D01B
Brand	AISENS
Compatible Drive Types	2.5" / 3.5" SATA I/II/III HDD & SSD
Interface	USB 3.0 (backward compatible with USB 2.0)
Data Transfer Rate	Up to 5Gbps (USB 3.0 SuperSpeed)

Functions	Data Transfer, Offline Clone
Compatible OS	Windows, macOS, Linux (Plug & Play)
Power Input	DC 12V (via included power adapter)
Color	Black

7. WARRANTY AND SUPPORT

This AISENS product comes with a **2-year guarantee** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, frequently asked questions, or to access detailed product specifications, please visit the official AISENS website or scan the QR code found on the product packaging:

[AISENS Product Information Link](#)



Figure 7.1: Product Packaging (Front). Displays the front of the product box, highlighting key features like "2 years guarantee" and "5Gbps" transfer speed, along with a QR code for specifications.



Figure 7.2: Product Packaging (Angled). Shows an angled view of the product box, illustrating the dual bay design and the offline cloning capability with relevant icons.



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Related Documents - ASDS-D01B

	<p>AISENS WT55TSE-059 TV Wall Mount Installation Guide</p> <p>A comprehensive guide for installing the AISENS WT55TSE-059 TV wall mount, featuring step-by-step instructions and diagrams for a secure and optimal TV setup.</p>
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