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AXAGON ADSA-D25

AXAGON ADSA-D25 SATA 2.5 Clone Dual SSD Dock Station - USB 3.2 Gen 1 User Manual

Model: ADSA-D25

1. INTRODUCTION

The AXAGON ADSA-D25 is a dual dock station designed for 2.5-inch SATA Solid State Drives (SSDs) and Hard Disk Drives (HDDs). It provides a convenient solution for connecting two SATA drives to a computer via USB 3.2 Gen 1 (USB 3.0) interface, offering data transfer speeds up to 5 Gbps. Additionally, it features an offline clone function, allowing direct duplication of one drive to another without requiring a computer connection.

2. PACKAGE CONTENTS

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

- AXAGON ADSA-D25 Dual SSD/HDD Dock Station
- USB Micro-B to USB-A Cable
- Power Adapter
- User Manual



Image: The ADSA-D25 dock station, showing the rear ports (USB Micro-B, power input), power button, clone button, and the included USB Micro-B to USB-A cable and power cable.

3. PRODUCT OVERVIEW

The ADSA-D25 dock station is designed for ease of use and efficient data management. It supports two 2.5-inch SATA SSDs or HDDs simultaneously.



Image: Front view of the AXAGON ADSA-D25 dock station with two 2.5-inch SSDs inserted into the top slots, highlighting its dual drive capability.

Key Features:

- **Dual 2.5" SATA Drive Support:** Accommodates two 2.5-inch SATA I/II/III SSDs or HDDs.
- **USB 3.2 Gen 1 Interface:** Provides high-speed data transfer up to 5 Gbps.
- **Offline Clone Function:** Allows direct drive-to-drive cloning without a computer.
- **UASP Support:** Enhances data transfer performance.
- **TRIM Support:** Optimizes SSD performance and longevity.
- **SMART Support:** Monitors drive health and status.
- **LED Indicators:** Status and cloning progress indication.



Image: The ADSA-D25 dock station with graphical icons illustrating its main features: 5 Gbps USB 3.2 Gen 1 speed, support for two 2.5-inch SSDs/HDDs, and SSD/HDD duplication capability.

4. SETUP

Follow these steps to set up your ADSA-D25 dock station:

- 1. Connect Power:** Connect the provided power adapter to the DC 3.5mm power input port on the back of the dock station, then plug the adapter into a power outlet.
- 2. Insert Drives:** Gently insert your 2.5-inch SATA SSDs or HDDs into the top slots of the dock station. Ensure they are fully seated.
- 3. Connect to Computer (for Data Transfer):** If you intend to use the dock for data transfer, connect the USB Micro-B end of the provided USB cable to the dock station and the USB-A end to an available USB 3.2 Gen 1 (USB 3.0) port on your computer.
- 4. Power On:** Press the power button on the back of the dock station. The power LED indicator will illuminate.

5. OPERATING MODES

5.1. Data Transfer Mode

In this mode, the dock station functions as an external drive enclosure, allowing you to access data on the inserted drives from your computer.

1. Ensure the dock station is powered on and connected to your computer via the USB cable.
2. Insert one or two 2.5-inch SATA SSDs/HDDs into the slots.
3. Your operating system should automatically detect the drives. They will appear as removable storage devices.
4. You can now access, read, and write data to the drives as you would with any other external storage.



Image: The ADSA-D25 dock station connected to a laptop, illustrating its use for data transfer with two SSDs inserted. The image also highlights the 5 Gbps USB 3.2 Gen 1 speed compared to 480 Mbps USB 2.0.

5.2. Offline Clone Function

The offline clone function allows you to duplicate the contents of a source drive to a target drive without a computer connection. The target drive must be equal to or larger in capacity than the source drive.

Important: All data on the target drive will be erased during the cloning process. Back up any important data from the target drive before proceeding.

1. Ensure the dock station is powered off and disconnected from the computer.
2. Insert the **source drive** (the drive you want to copy FROM) into the **Source (HDD1)** slot.
3. Insert the **target drive** (the drive you want to copy TO) into the **Target (HDD2)** slot.
4. Connect the power adapter and power on the dock station.
5. Press and hold the **Clone button** on the back of the dock station for approximately 3-5 seconds until the LED indicators begin to flash.
6. Release the Clone button. The cloning process will begin, and the progress will be indicated by the LEDs.
7. Once all LEDs are solid, the cloning process is complete.
8. Power off the dock station and safely remove the drives.

6. LED INDICATORS

The ADSA-D25 features LED indicators to show power status, drive activity, and cloning progress.

- **Power LED:** Illuminates when the device is powered on.
- **Drive Activity LEDs:** Flash to indicate data access for each respective drive.
- **Cloning Progress LEDs:** During an offline clone, these LEDs indicate the percentage of completion (e.g., 25%, 50%, 75%, 100%).



Image: The ADSA-D25 dock station with its vertical LED strip, illustrating how different segments illuminate to show cloning progress (25%, 50%, 75%, 100%).

7. MAINTENANCE

To ensure optimal performance and longevity of your ADSA-D25 dock station:

- Keep the device in a clean, dry environment, away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble the unit. This will void the warranty.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners.

8. TROUBLESHOOTING

8.1. Device Not Detected by Computer

- Ensure the dock station is powered on and the USB cable is securely connected to both the dock and the computer.

- Try connecting to a different USB port on your computer.
- Test with a different USB cable if available.
- Verify that the inserted SSD/HDD is properly seated and functional.

8.2. Drives Not Appearing in My Computer/File Explorer

- For new drives, they may need to be initialized, partitioned, and formatted in Disk Management (Windows) or Disk Utility (macOS) before they can be used.
- Ensure the drives are properly inserted and the dock station is powered on.

8.3. Offline Clone Fails or Does Not Start

- Ensure the dock station is disconnected from the computer before starting the clone process.
- Verify that the target drive's capacity is equal to or larger than the source drive's capacity.
- Ensure both drives are properly inserted into their respective slots (Source in HDD1, Target in HDD2).
- Press and hold the Clone button for the required duration (3-5 seconds) until the LEDs flash.
- If the issue persists, try using different drives to rule out drive-specific problems.

9. SPECIFICATIONS



Image: The underside of the ADSA-D25 dock station, revealing internal components and highlighting supported technologies such as UASP, TRIM, SMART, and compatibility with any capacity drive.

Feature	Description
Model Number	ADSA-D25
Brand	AXAGON
Compatible Drives	2x 2.5-inch SATA I/II/III SSD/HDD
Interface	USB 3.2 Gen 1 (USB 3.0) Micro-B
Data Transfer Rate	Up to 5 Gbps
Offline Clone Function	Yes
UASP Support	Yes
TRIM Support	Yes

Feature	Description
SMART Support	Yes
Power Input	DC 3.5mm (Power Adapter Included)
Color	Black
Weight	137 Grams

10. WARRANTY AND SUPPORT

AXAGON products are designed and manufactured with high quality standards. For warranty information and technical support, please refer to the official AXAGON website or contact your local retailer. Keep your proof of purchase for warranty claims.