

Avolusion HD250U3-WH-1TB-PS5

Avolusion HD250U3-WH 1TB USB 3.0 Portable External Gaming Hard Drive User Manual

Model: HD250U3-WH-1TB-PS5

1. INTRODUCTION AND OVERVIEW

The Avolusion HD250U3-WH is a 1TB Ultra Slim 2.5" SuperSpeed USB 3.0 Portable External Gaming Hard Drive, designed for expanding storage on your PlayStation 5 console. This drive features a durable aluminum chassis and is pre-formatted for immediate use with your PS5. It is bus-powered, meaning no additional AC power adapter is required, offering a convenient plug-and-play experience. The drive includes a blue LED indicator for data access activities.

Key Features:

- Built-in 1TB Capacity USB 3.0 External Gaming Hard Drive.
- Durable aluminum case with a pearl white, stylish design.
- USB Bus Powered (no additional AC power adapter required).
- Plug and Play functionality.
- Pre-formatted for PlayStation 5 compatibility.
- SuperSpeed USB 3.0 transfer rate up to 5.0 Gbps.



Image 1.1: The Avolusion HD250U3-WH 1TB External Gaming Hard Drive, showing its compact dimensions (5 inches long, 3.5 inches wide, 0.5 inches thick) and indicating its 1TB capacity and pre-formatting for PlayStation 5.

2. SETUP INSTRUCTIONS

2.1 What's in the Box

Before you begin, ensure all components are present:

- Avolusion 1TB External Hard Drive (HD250U3-WH)
- USB 3.0 Cable
- 2 Year Warranty Card

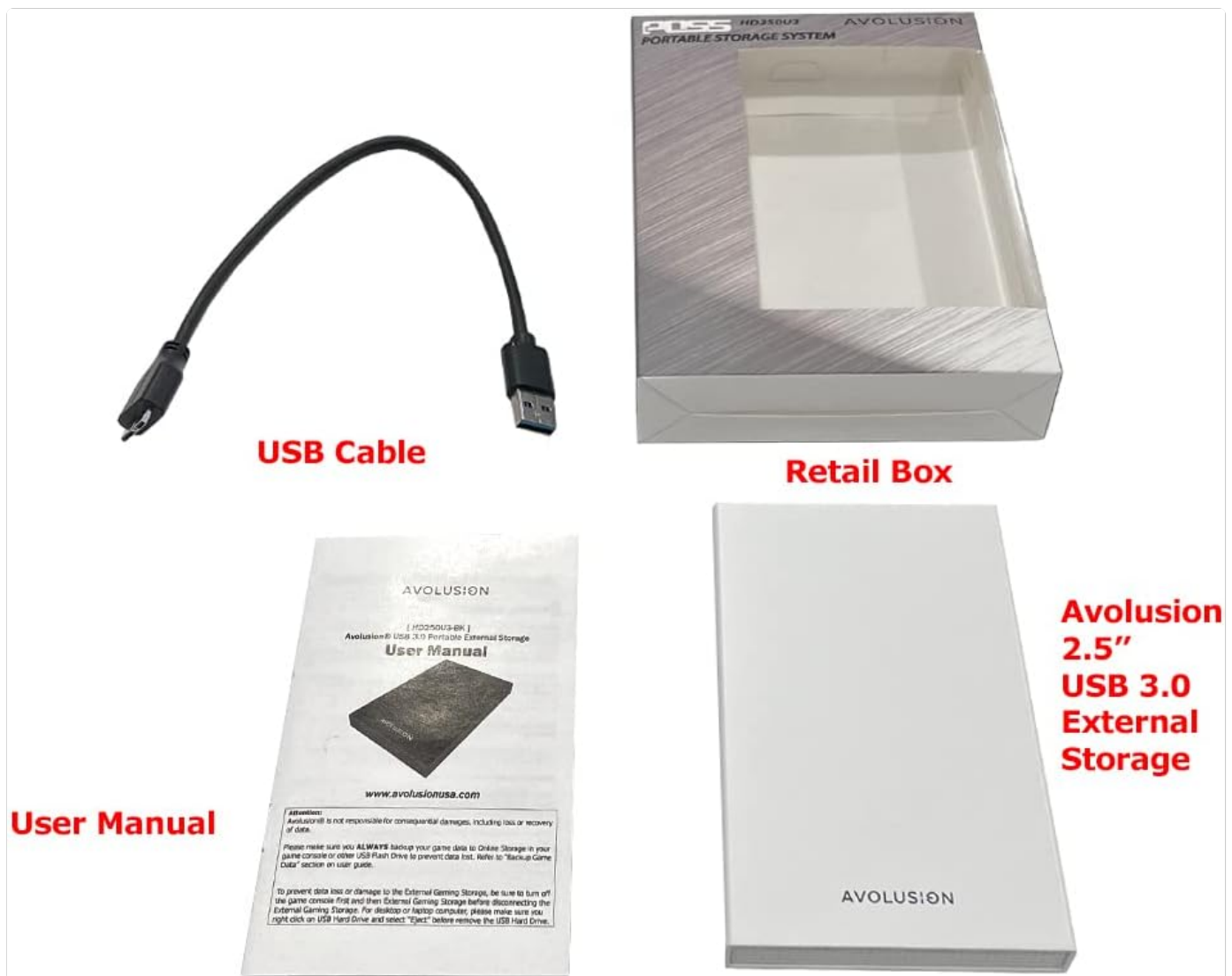


Image 2.1: The package contents, including the Avolusion 2.5" USB 3.0 External Storage drive, a USB cable, and a user manual (warranty card not explicitly shown but included).

2.2 Connecting to PlayStation 5

1. Ensure your PlayStation 5 console is powered off or in Rest Mode.
2. Locate an available USB 3.0 port on your PS5 console. For optimal performance and compatibility, it is recommended to use one of the USB ports on the rear of the console.
3. Connect one end of the provided USB 3.0 cable to the Avolusion HD250U3-WH external hard drive.
4. Connect the other end of the USB 3.0 cable to the USB 3.0 port on your PS5 console.
5. Power on your PlayStation 5 console. The console should automatically detect the external hard drive.
6. The drive is pre-formatted for PS5, so no manual formatting should be required. If prompted, follow the on-screen instructions to register the drive as extended storage.



Image 2.2: The portable Avolusion external hard drive shown next to a PlayStation 5 console, demonstrating its compact size and how it connects via USB. The image highlights its portability and bus-powered design.

3. OPERATING INSTRUCTIONS

The Avolusion HD250U3-WH external hard drive functions as extended storage for your PlayStation 5, with specific considerations for PS4 and PS5 games.

3.1 Storing and Playing PS4 Games

You can play PS4 games directly from the Avolusion USB extended storage. This allows you to save valuable space on your PS5 console's internal SSD for PS5-specific titles.

- To move PS4 games to the external drive: Go to **Settings > Storage > Console Storage > Games and Apps**. Select the PS4 games you wish to move and choose the option to **Move to USB Extended Storage**.
- Once moved, PS4 games can be launched and played directly from the external drive.

3.2 Storing PS5 Games (Play from Internal SSD Only)

PS5 games must be played from the console's internal SSD. The Avolusion external hard drive can be used to **store** PS5 games, freeing up internal SSD space, but they cannot be played directly from the external drive.

- To move PS5 games to the external drive for storage: Go to **Settings > Storage > Console Storage > Games and Apps**. Select the PS5 games you wish to move and choose the option to **Move to USB Extended Storage**. This process is significantly faster than re-downloading games.
- When you wish to play a stored PS5 game, you must first copy it back to the PS5 console's internal SSD. This copying process is also much quicker than re-downloading the game.



Image 3.1: A visual representation of how PS4 and PS5 games interact with the Avolusion USB 3.0 External Gaming Hard Drive. PS4 games can be stored and played directly, while PS5 games can be moved to the external drive for storage but must be moved back to the internal SSD to be played.

3.3 Safely Removing the Drive

Always safely remove the external hard drive to prevent data corruption.

1. From the PS5 Home screen, go to **Settings > Storage > USB Extended Storage**.
2. Select **Safely Remove from PS5**.
3. Once the notification appears that it is safe to remove, you can disconnect the USB cable from the console.

Your browser does not support the video tag.

Video 3.2: An official video demonstrating how to move PS5 games to the Avolusion USB Gaming Hard Drive for storage. This process helps free up internal SSD space on your PS5 console.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Avolusion HD250U3-WH external hard drive, follow these simple maintenance guidelines:

- **Physical Care:** Handle the drive with care. Avoid dropping it or subjecting it to strong impacts, as this can damage the internal components.
- **Environmental Conditions:** Keep the drive in a cool, dry place, away from direct sunlight, extreme temperatures, and high humidity.
- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the drive. Do not use liquid cleaners or aerosols.
- **Safe Removal:** Always follow the safe removal procedure (Section 3.3) before disconnecting the drive from your PS5 to prevent data corruption.
- **Firmware Updates:** Periodically check the Avolusion website for any firmware updates for the drive, although these are typically not required for external hard drives.

5. TROUBLESHOOTING

If you encounter issues with your Avolusion HD250U3-WH external hard drive, refer to the following common problems and solutions:

5.1 Drive Not Recognized by PS5

- **Check USB Connection:** Ensure the USB cable is securely connected to both the hard drive and a USB 3.0 port on your PS5. Try a different USB 3.0 port if available.
- **Restart PS5:** Power cycle your PlayStation 5 console. Turn it off completely, wait a few seconds, then turn it back on.
- **Check Cable:** Try using a different USB 3.0 cable if you have one, to rule out a faulty cable.
- **PS5 Settings:** Navigate to **Settings > Storage > USB Extended Storage**. Check if the drive appears there. If it prompts for formatting, proceed only if you are sure there is no critical data on the drive.

5.2 Connectivity Issues / Frequent Disconnections

- **Secure Connection:** Ensure the USB cable is firmly seated in both the drive and the PS5 port. Loose connections can cause intermittent disconnections.
- **Power Supply:** Although bus-powered, ensure the PS5 is receiving stable power. Unstable power can sometimes affect USB device performance.
- **Avoid Movement:** Do not move or bump the drive or the PS5 console while the drive is in use.
- **PS5 Rest Mode Settings:** Ensure that the USB ports are set to remain powered in Rest Mode if you intend to use the drive during this state. Go to **Settings > System > Power Saving > Features Available in Rest Mode > Supply Power to USB Ports** and select **Always** or **3 Hours**.

5.3 Slow Transfer Speeds

- **USB 3.0 Port:** Confirm that the drive is connected to a USB 3.0 port on your PS5. USB 2.0 ports will result in significantly slower speeds.
- **Background Activities:** Ensure no large downloads or other intensive background processes are running on your PS5 during transfers.
- **Cable Quality:** Use the provided USB 3.0 cable or a high-quality, certified USB 3.0 cable.

6. SPECIFICATIONS

Feature	Specification
Model Number	HD250U3-WH-1TB-PS5
Digital Storage Capacity	1 TB
Hard Disk Interface	USB 3.0
Connectivity Technology	USB
Brand	Avolusion
Special Feature	Durable, Portable
Hard Disk Form Factor	2.5 inches
Hard Disk Description	Mechanical Hard Disk

Feature	Specification
Compatible Devices	Gaming Console (Sony PlayStation 5)
Installation Type	External Hard Drive
Color	White
Hard Disk Rotational Speed	5400 rpm
Read Speed	5 gigabytes_per_second
Cache Memory Installed Size	8 MB
Data Transfer Rate	5 gigabits_per_second
Enclosure Material	Aluminum
Item Weight	0.27 kg
UPC	810064871702

7. WARRANTY AND SUPPORT

7.1 Product Warranty

The Avolusion HD250U3-WH 1TB USB 3.0 Portable External Gaming Hard Drive comes with a **2-Year Warranty**. Please refer to the included Warranty Card for full terms and conditions regarding coverage and claims.

7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Avolusion customer support. Contact information can typically be found on the Avolusion website or on the warranty card included with your product. For purchases made through goHardDrive, you may also reach out to their customer service for assistance.

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