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› ADATA HD830 5TB External Hard Drive User Manual

ADATA AHD830

ADATA HD830 5TB External Hard Drive User Manual

Model: AHD830

INTRODUCTION

The ADATA HD830 is a highly durable external hard drive designed to protect your data from extreme conditions. Featuring a robust triple-layer construction, a sturdy aluminum exterior, and advanced shock-resistant technology, it can withstand significant pressure and impacts. This device is also IP68-rated, making it waterproof and dustproof, capable of surviving submersion in water and resisting dust ingress. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HD830 external hard drive.

PACKAGE CONTENTS

Please check the package for the following items:

- ADATA HD830 External Hard Drive
- USB 3.1 Cable
- Quick Start Guide

ADATA®

HD830

2.5" External HDD



DURABLE



5 TB

DURABLE

ADATA®
HD830
2.5" External HDD

Image: The retail packaging for the ADATA HD830 external hard drive, showing the product and its key features like 3000kg pressure resistance and 5TB capacity.

SETUP

1. **Connect the USB Cable:** Connect one end of the included USB 3.1 cable to the port on the ADATA HD830. Ensure the port cover is fully open to allow proper connection.
2. **Connect to Computer:** Connect the other end of the USB 3.1 cable to an available USB port on your computer (PC or Mac). For optimal performance, use a USB 3.0 or USB 3.1 port.
3. **Power On:** The drive is bus-powered and will turn on automatically when connected. A blue LED indicator on the drive will illuminate, indicating power and activity.
4. **Initial Recognition:** Your operating system should automatically detect the new drive. It may appear as a new drive letter (Windows) or on your desktop/Finder (macOS).
5. **Formatting (Optional):** The drive comes pre-formatted for general use. If you need to reformat the drive for a specific operating system or file system (e.g., NTFS for Windows, HFS+ or APFS for macOS, exFAT for cross-platform compatibility), please refer to your operating system's disk management tools. **Warning: Formatting will erase all data on the drive.**



Image: The ADATA HD830 external hard drive in blue, showcasing its rugged design and the location of the USB port, ready for connection.

OPERATING INSTRUCTIONS

1. **Data Transfer:**
 - **Copy/Paste:** Select the files or folders you wish to transfer, right-click (or Ctrl-click on Mac), and choose

"Copy." Then, navigate to the HD830 drive, right-click, and select "Paste."

- **Drag and Drop:** Open the folder containing your files and the HD830 drive window. Drag the desired files or folders from your computer to the HD830 drive.

2. **LED Indicator:** The blue LED on the drive indicates its status:

- **Solid Blue:** Drive is powered on and idle.
- **Flashing Blue:** Data transfer is in progress. Do not disconnect the drive during this time.
- **Flashing Red:** Indicates a shock event has been detected. The drive's internal shock sensors activate to protect data. Avoid moving or disconnecting the drive during this state.

3. **Safe Removal:** Always safely eject the drive before disconnecting it to prevent data corruption.

- **Windows:** Click the "Safely Remove Hardware and Eject Media" icon in the system tray, then select the ADATA HD830.
- **macOS:** Drag the drive icon from your desktop to the Trash, or click the Eject icon next to the drive name in Finder.



Image: Two ADATA HD830 external hard drives, one in black and one in blue, illustrating the design and the prominent ADATA logo with the blue LED indicator.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the drive. For stubborn dirt, a slightly damp cloth can be used, ensuring no moisture enters the USB port.
- **Port Cover:** Always ensure the USB port cover is securely closed when the drive is not in use, especially in environments where it may be exposed to water or dust. This maintains the IP68 rating.

- **Storage:** Store the drive in a cool, dry place away from direct sunlight and extreme temperatures.
- **Data Backup:** Regularly back up important data to another storage device or cloud service. While the HD830 is highly durable, no storage device is immune to all forms of failure.



Image: The ADATA HD830 external hard drive submerged in water and covered in dirt, visually demonstrating its IP68 waterproof and dustproof capabilities.

TROUBLESHOOTING

Drive Not Recognized:

- Ensure the USB cable is securely connected to both the drive and the computer.
- Try connecting the drive to a different USB port on your computer.
- Test the drive with a different USB cable, if available.
- Restart your computer.
- Check your computer's Disk Management (Windows) or Disk Utility (macOS) to see if the drive is detected but uninitialized or unformatted.

Slow Data Transfer Speeds:

- Ensure you are connected to a USB 3.0 or USB 3.1 port on your computer. USB 2.0 ports will result in significantly slower speeds.
- Avoid transferring many small files simultaneously, as this can reduce overall transfer speed compared to large files.
- Close other applications that might be using system resources or accessing other storage devices.

Flashing Red LED:

- A flashing red LED indicates that the drive's shock sensors have detected an impact. The drive automatically activates its protection mechanisms.
- During this state, avoid moving the drive and do not disconnect it until the LED returns to solid blue or flashing blue (if transferring data).

SPECIFICATIONS

Feature	Detail
Model Name	AHD830
Model Number	AHD830-5TU31-CBL
Digital Storage Capacity	5 TB
Connectivity Technology	USB 3.1 (backward compatible with USB 3.0 and USB 2.0)
Hard Disk Form Factor	2.5 inches
Hard Disk Description	Mechanical Hard Disk
Compatible Devices	Desktop computers, Laptops
Color	Blue
Special Features	IP68 Waterproof & Dustproof, Military-Grade Shock Resistance (MIL-STD-810G 516.6), 3000kg Pressure Resistance, Triple-Layer Construction, Shock Sensors
Form Factor (Enclosure)	Anti-shock Silicone, Aluminum
Item Weight	0.6 kg
Manufacturer	ADATA

Note: Read and Media Speed values (1 MB/s) and Data Transfer Rate (3.1 MB/s) provided in source data appear to be placeholders or misinterpretations. Actual USB 3.1 Gen 1 speeds are typically up to 5 Gbps (approx. 625 MB/s) and USB 3.1 Gen 2 up to 10 Gbps (approx. 1250 MB/s). Performance will vary based on system hardware and operating conditions.

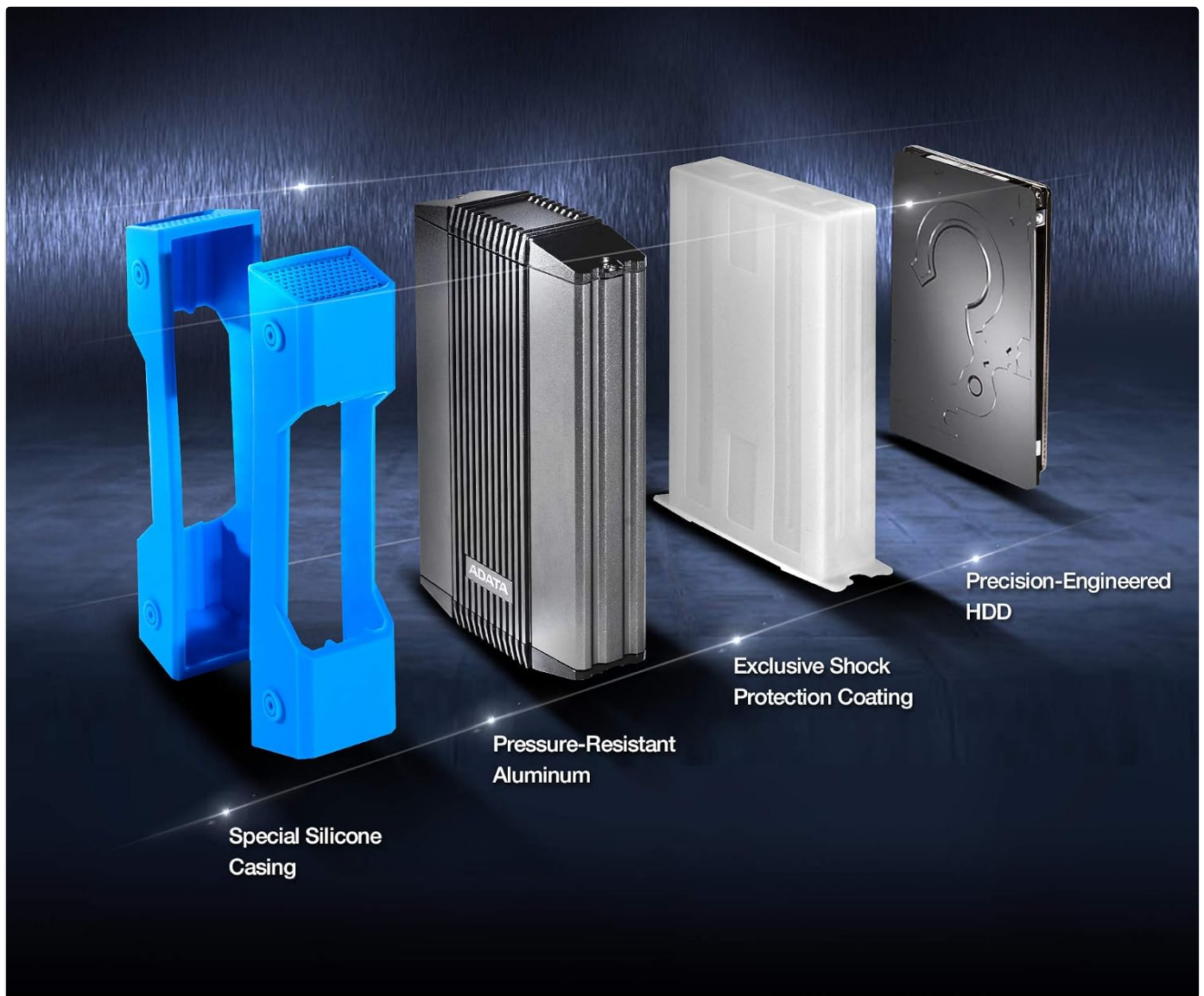


Image: An exploded diagram illustrating the robust triple-layer construction of the ADATA HD830, including the special silicone casing, pressure-resistant aluminum, exclusive shock protection coating, and the precision-engineered HDD.

WARRANTY INFORMATION

ADATA products typically come with a limited warranty. The specific warranty period and terms may vary by region and product model. Please refer to the warranty card included with your product or visit the official ADATA website for detailed warranty information and registration procedures. Keep your proof of purchase for warranty claims.

SUPPORT

For technical support, frequently asked questions, driver downloads, or further assistance with your ADATA HD830 external hard drive, please visit the official ADATA support website:

[ADATA Official Support Website](#)

You may also find contact information for regional support centers on their website.



