ADATA AHD710P-4TU31-CBK

ADATA HD710 Pro 4 TB External Hard Drive User Manual

1. INTRODUCTION

Thank you for choosing the ADATA HD710 Pro External Hard Drive. This ruggedized portable storage device is designed to protect your valuable data from the elements and accidental impacts. With its advanced features, the HD710 Pro offers reliable and high-speed data transfer for various applications, from personal use to professional projects. This manual provides essential information for setting up, operating, and maintaining your device.

Figure 1: Front view of the ADATA HD710 Pro External Hard Drive.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Military-Grade Shockproof:** Meets MIL-STD-810G 516.6 standards for superior impact resistance.
- **IP68 Waterproof and Dustproof:** Certified to withstand immersion in 2 meters of water for 60 minutes and complete dust ingress.
- **USB 3.1 Interface:** Provides ultra-fast data transfer speeds.
- **Integrated Cable Management:** A convenient groove around the drive's casing allows for neat storage of the USB cable.
- **Shock Sensor Protection:** Automatically detects impacts and stops drive activity to prevent data corruption.

2.2 Components

The ADATA HD710 Pro includes the external hard drive unit and an integrated USB 3.1 cable. The device features a robust silicone casing for enhanced protection.

Figure 2: Side view of the HD710 Pro, highlighting the USB port and its protective cover.

Power On	Data Transfer	Shock Sensor	Disk Error
Blue light on	Blue light flash	Red light flash	Red light on

Figure 3: The HD710 Pro demonstrating its integrated cable management feature.

3. SETUP

The ADATA HD710 Pro is designed for plug-and-play convenience. No special drivers are typically required for most operating systems.

3.1 Connecting the Drive

1. Locate the USB port on your computer (PC, Mac, or Linux system).
2. Unwrap the integrated USB cable from the drive's casing.
3. Carefully open the protective cover over the USB port on the HD710 Pro.
4. Connect the smaller end of the USB cable to the drive's port and the larger end to your computer's USB port.
5. The drive's LED indicator will illuminate, signifying it is powered on and ready for use.

3.2 Initial Use

Upon first connection, your operating system should automatically detect the drive. It may appear as a new drive letter (Windows) or an icon on your desktop (macOS). The drive is typically pre-formatted and ready for immediate use. If prompted to format the drive, ensure you understand the implications (data loss) before proceeding.

4. OPERATING INSTRUCTIONS

4.1 Transferring Files

To transfer files, simply drag and drop them to and from the HD710 Pro drive icon in your computer's file explorer or finder. Alternatively, use the copy and paste functions.

4.2 LED Indicators

The HD710 Pro features an LED indicator to provide status information:

- **Blue Light On:** Drive is powered on and idle.
- **Blue Light Flashing:** Data transfer is in progress.
- **Red Light Flashing:** Shock Sensor Protection is active (drive detected an impact).
- **Red Light On:** Disk Error.

Figure 4: Explanation of the HD710 Pro's LED indicators.

4.3 Safely Ejecting the Drive

Always safely eject the drive before disconnecting it to prevent data corruption:

- **Windows:** Click the 'Safely Remove Hardware' icon in the system tray and select the drive.
- **macOS:** Drag the drive icon to the Trash or click the Eject button next to the drive in Finder.
- **Linux:** Right-click the drive icon and select 'Eject' or 'Unmount'.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your ADATA HD710 Pro.

- **Keep Port Cover Sealed:** For optimal waterproof and dustproof protection, ensure the USB port's

protective cover is securely closed when not in use.

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the drive. Avoid harsh chemicals or abrasive materials.
- **Avoid Movement During Operation:** While the drive is shockproof, excessive movement or sudden impacts while the drive is actively transferring data can still potentially cause issues.
- **Cable Storage:** Utilize the integrated cable management groove to keep the USB cable secure and prevent damage when transporting the drive.

Figure 5: The HD710 Pro designed to withstand water and dust exposure.

6. TROUBLESHOOTING

If you encounter issues with your ADATA HD710 Pro, refer to the following common problems and solutions:

- **Drive Not Recognized:**
  - Ensure the USB cable is securely connected to both the drive and your computer.
  - Try connecting the drive to a different USB port on your computer.
  - Test the drive on another computer to rule out a computer-specific issue.
  - Check your computer's Disk Management (Windows) or Disk Utility (macOS) to see if the drive

is detected but unformatted.

- **Slow Data Transfer Speeds:**

    - Ensure you are using a USB 3.0/3.1 port on your computer for optimal speeds. Connecting to a USB 2.0 port will result in slower transfers.
    - Close any unnecessary applications running in the background that might be consuming system resources.
    - Fragmented files on the source drive can slow down transfers. Consider defragmenting your source drive if applicable.

- **Red LED Indicator (Disk Error):**

    - This indicates a potential issue with the drive. Safely eject and disconnect the drive, then reconnect it. If the error persists, back up any accessible data immediately and contact ADATA support.

7. SPECIFICATIONS

Model Name	HD710 Pro
Model Number	AHD710P-4TU31-CBK
Digital Storage Capacity	4 TB
Hard Disk Interface	USB 3.1
Connectivity Technology	USB
Hard Disk Form Factor	2.5 Inches
Hard Disk Rotational Speed	5400 RPM
Read Speed	90 Megabytes Per Second
Waterproof/Dustproof Rating	IP68 (2m for 60 mins)
Shockproof Rating	MIL-STD-810G 516.6
Compatible Devices	PC, Mac, Linux
Color	Black
Item Weight	13.76 ounces

8. WARRANTY AND SUPPORT

8.1 Limited Warranty

The ADATA HD710 Pro is backed by a 3-year limited warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please visit the official ADATA website or contact their customer support directly. You can find contact information and support resources at www.adata.com.