

RSHTECH RSHTECH-HDD-USB3-EXT

RSHTECH 3.5inch Aluminum SATA Hard Drive Enclosure + USB 3.0 Active Extension Cable User Manual

Model: RSHTECH-HDD-USB3-EXT

INTRODUCTION

This user manual provides detailed instructions for the RSHTECH 3.5inch Aluminum SATA Hard Drive Enclosure and the accompanying USB 3.0 Active Extension Cable. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its lifespan.

WHAT'S INCLUDED

The package includes the following components:

- 1 x RSHTECH 3.5inch SATA Hard Drive Enclosure (Aluminum)
- 1 x USB 3.0 Active Extension Cable (32 Feet)
- 1 x 12V 2A Power Supply (for Enclosure)
- 1 x 5V 2A Power Adapter (for Extension Cable)
- Screws for HDD installation



Image: The complete package contents, including the hard drive enclosure, USB 3.0 active extension cable, and both power adapters.

PRODUCT FEATURES

- **High-Speed Data Transfer:** USB 3.0 chipset supports data transfer up to 5Gbps, with UASP protocol support for enhanced performance.
- **Wide Compatibility:** Supports all 3.5-inch SATA I/II/III HDD/SSD up to 16TB. Compatible with Windows, macOS, Linux, PlayStation, and Xbox systems.
- **Durable Construction:** Aluminum alloy panel for effective heat dissipation and robust protection.
- **Active Extension Cable:** 32-foot USB 3.0 active extension cable with built-in signal booster chips and a dedicated 5V 2A power adapter for stable long-distance data transmission.

Super Speed

USB3.0 chipset support data transfer up to 5Gb/s

Support UASP protocol

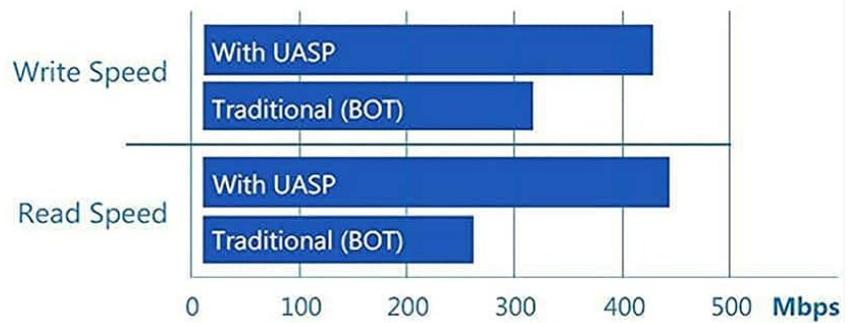
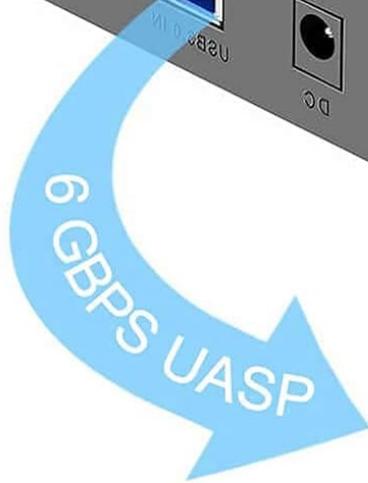


Image: Visual representation of the Super Speed USB 3.0 data transfer capabilities, highlighting UASP protocol support for faster read and write speeds compared to traditional BOT.

100% Compatibility

Support all 3.5 inch SATA HDD/SSD



SATA



SATA 2.0



SATA 3.0



Image: Icons illustrating 100% compatibility with SATA, SATA 2.0, SATA 3.0, and support for up to 16TB drives, along with compatibility across Apple, Windows, Linux, PlayStation, and Xbox operating systems.

SETUP GUIDE

1. Hard Drive Enclosure Assembly

- 1. Prepare the Enclosure:** Ensure the enclosure is powered off and disconnected from any devices.
- 2. Insert HDD/SSD:** Gently slide your 3.5-inch SATA HDD or SSD into the enclosure. Ensure it is firmly seated in the SATA connector.
- 3. Secure the Drive:** Use the provided screws to secure the hard drive within the enclosure.
- 4. Close the Enclosure:** Slide the enclosure cover back into place until it clicks or is fully seated.
- 5. Tighten Screws:** Secure the enclosure cover with any external screws if applicable.

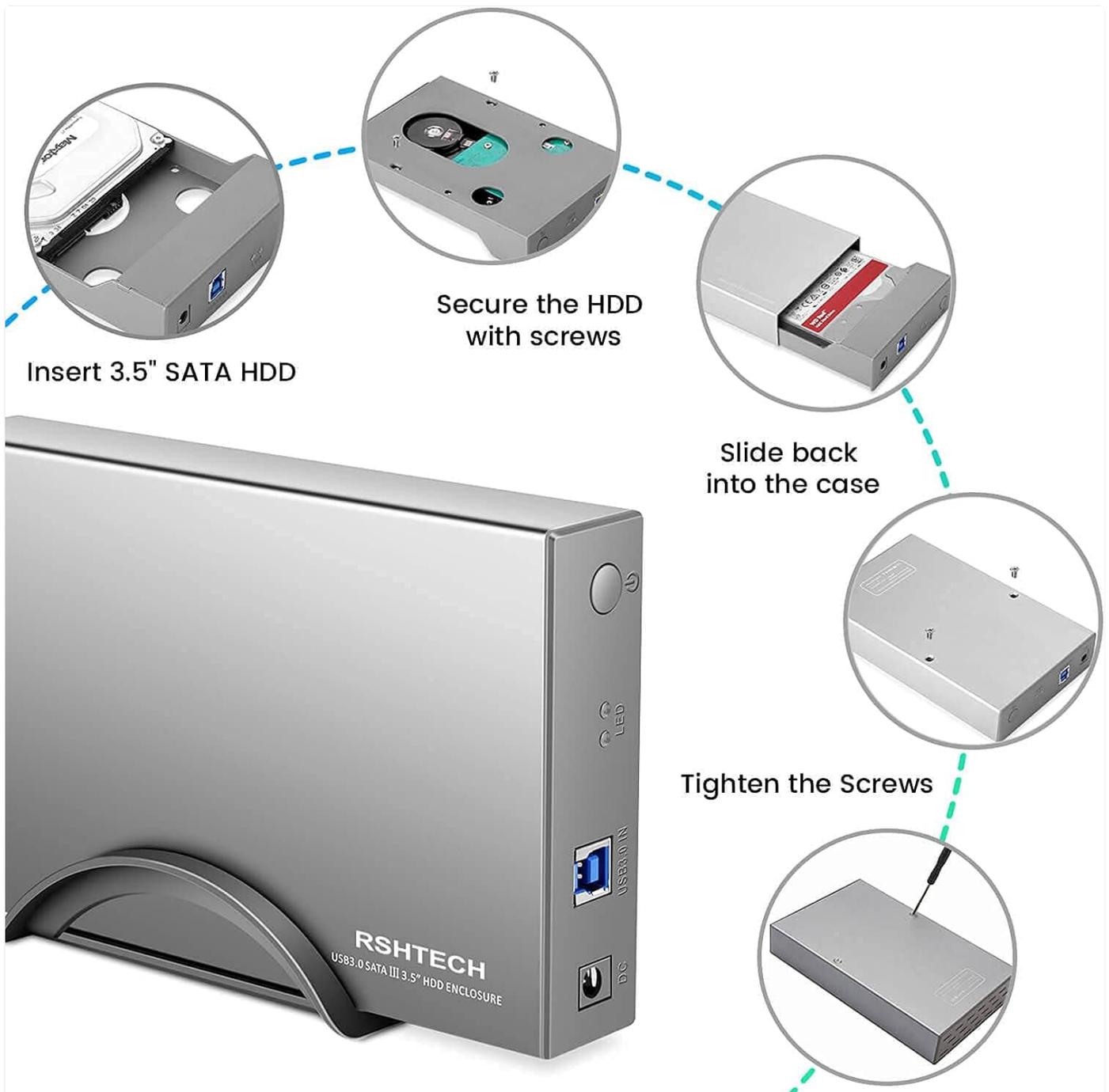


Image: A visual guide demonstrating the process of inserting a 3.5-inch SATA HDD, securing it with screws, sliding it into the case, and tightening the final screws.

2. Connecting the Enclosure and Extension Cable

1. **Connect Enclosure Power:** Plug the 12V 2A power supply into the DC jack of the hard drive enclosure and then into a power outlet.
2. **Connect Extension Cable Power:** Plug the 5V 2A power adapter into the dedicated power port on the USB 3.0 Active Extension Cable and then into a power outlet.
3. **Connect Enclosure to Extension Cable:** Plug the USB 3.0 Type-B connector from the enclosure into the female end of the USB 3.0 Active Extension Cable.
4. **Connect Extension Cable to Computer:** Plug the male end of the USB 3.0 Active Extension Cable into an available USB 3.0 port on your computer or laptop.
5. **Power On:** Press the power button on the enclosure to turn it on. The LED indicator should light up.



Image: The RSHTECH hard drive enclosure connected to a laptop, demonstrating a typical setup scenario on a desk.

32 Ft USB 3.0 Active Extension Cable

with 2 Signal Booster Chips and DC 5V power adapter.
Keep signal extended for more stable data transfer.



Image: A detailed view of the 32-foot USB 3.0 active extension cable, highlighting its two signal booster chips and the included DC 5V power adapter for stable long-distance data transfer.

OPERATING INSTRUCTIONS

Once connected, your computer should automatically detect the hard drive enclosure. The drive will appear as an external storage device.

- **Accessing the Drive:** On Windows, access through "This PC" or "My Computer". On macOS, it will appear on the desktop or in Finder.
- **Formatting:** If it's a new hard drive, you may need to initialize and format it before use. Refer to your operating system's disk management tools for this process.
- **Power Button:**
 - Press once to turn the enclosure ON.

- Press and hold for 3 seconds to turn the enclosure OFF.

- **LED Indicator:** The LED light indicates power status and data activity.



Image: An annotated diagram of the RSHTECH hard drive enclosure, pointing out the aluminum alloy panel, power button, LED indicator, USB 3.0 data port, DC jack, enclosure stand, and heat dissipation holes.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Do not use liquid cleaners or aerosols.
- **Storage:** Store the enclosure and cable in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the enclosure to strong impacts, as this can damage the internal hard drive.
- **Power Off:** Always safely eject the drive from your operating system before disconnecting the enclosure or turning off its power.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Drive not detected	<ul style="list-style-type: none"> ◦ Loose cable connection ◦ Insufficient power ◦ New drive not formatted ◦ Faulty USB port 	<ul style="list-style-type: none"> ◦ Check all cable connections (USB and power). ◦ Ensure both power adapters are connected and working. ◦ Initialize and format the new drive via Disk Management (Windows) or Disk Utility (macOS). ◦ Try a different USB port on your computer.
Slow transfer speeds	<ul style="list-style-type: none"> ◦ Connected to USB 2.0 port ◦ UASP not enabled/supported ◦ Drive fragmentation 	<ul style="list-style-type: none"> ◦ Ensure connection to a USB 3.0 port (usually blue). ◦ Verify your operating system and motherboard support UASP. ◦ Defragment the hard drive if it's an HDD.
Enclosure not powering on	<ul style="list-style-type: none"> ◦ Power adapter not connected ◦ Power button not pressed 	<ul style="list-style-type: none"> ◦ Check if the 12V 2A power adapter is securely connected to the enclosure and a power outlet. ◦ Press the power button on the enclosure.

SPECIFICATIONS

Feature	Detail
Product Type	3.5inch SATA Hard Drive Enclosure + USB 3.0 Active Extension Cable
Brand	RSHTECH
Hardware Interface	USB 3.0
Material	Aluminum
Compatible Devices	Laptop, Desktop PC, Game Consoles (PS, Xbox)
Hard Disk Form Factor	3.5 Inches SATA I/II/III HDD/SSD
Max Capacity Support	Up to 16TB
Extension Cable Length	32 Feet (approx. 9.75 meters)
Power Adapter (Enclosure)	12V 2A
Power Adapter (Extension Cable)	5V 2A

WARRANTY AND SUPPORT

RSHTECH products are designed for reliability and performance. For any technical assistance, troubleshooting, or warranty inquiries, please contact RSHTECH customer support.

- **Return Policy:** This product is subject to a 30-day refund/replacement return policy as per Amazon's terms.
- **Manufacturer Support:** For direct support, please visit the official RSHTECH website or contact their customer service channels.