

RSHTECH RSH-339STC

RSHTECH Hard Drive Enclosure User Manual

Model: RSH-339STC

Brand: RSHTECH

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your RSHTECH 3.5" Aluminum USB C to SATA External Hard Drive Dock Case (Model: RSH-339STC). This enclosure is designed to house 2.5" or 3.5" SATA HDDs and SSDs, supporting capacities up to 24TB, and features a versatile 2-in-1 USB cable for broad compatibility.

2. PACKAGE CONTENTS

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

- RSHTECH 3.5" Hard Drive Enclosure (RSH-339STC)
- 2-in-1 USB-A/USB-C Detachable Cable (3.3 ft / 1 m)
- Power Adapter (4 ft / 1.2 m cable)
- Vertical Stand Bracket
- Screwdriver
- Mounting Screws
- User Manual (this document)

24TB Large Capacity

Support 3.5 inch SATA HDD/SDD



Image: Contents of the RSHTECH Hard Drive Enclosure package, including the enclosure, cables, power adapter, stand, and tools.

3. PRODUCT FEATURES

- **External Hard Drive Dock:** Designed for internal 2.5"/3.5" SATA hard disks, supporting up to 24TB capacity.
- **2-in-1 USB Cable:** Features a 3.3 ft USB-A/USB-C detachable cable, compatible with USB-A/USB-C/Thunderbolt port hosts (e.g., Laptop, PC, PS4, Xbox One, smart TV).
- **Ultra-Fast & Stable:** Data transfer speeds up to 5Gbps, with UASP technology support up to 6Gbps, powered by a built-in ASM1153E chip for enhanced performance.
- **Automatic Sleep Function:** Enters sleep mode after 10 minutes of data access inactivity to conserve power and extend drive lifespan.
- **LED Indicators:** Two LED indicators show power status (Red) and hard drive activity status (Blue).
- **Electronic Power Button:** Tap to turn on, long press for 3 seconds to turn off, providing effective protection for your hard drive.
- **Aluminum Housing & Vertical Bracket:** Durable aluminum housing with bottom vents for improved

Wide Compatibility

System



Windows



Mac OS



Linux



Chrome OS

Devices



PC



Laptop



Tablet



PS4/Xbox One



TV



Router



Image: Detailed diagram highlighting the power button, LED indicators, USB-C input, DC jack, enclosure stand, and heat dissipation holes.

Super Speed with UASP

Transfer HD Movies in Seconds

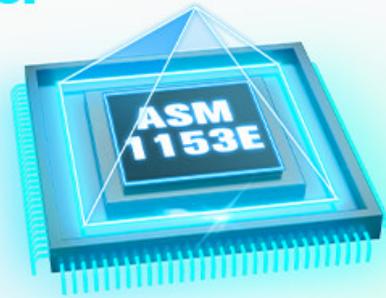


Image: Graphic illustrating the super speed capabilities with UASP, showing transfer rates of up to 6Gbps.

4. SETUP AND INSTALLATION

Follow these steps to install your 3.5-inch SATA HDD or SSD into the enclosure:

1. Gently slide open the enclosure cover.
2. Insert your 3.5" SATA HDD or SSD into the internal tray, ensuring the SATA connectors align properly.
3. Secure the hard drive to the tray using the provided screws and screwdriver.
4. Slide the tray with the secured hard drive back into the aluminum enclosure until it clicks into place.
5. Tighten any external screws to fully secure the enclosure.
6. Connect the 2-in-1 USB cable to the USB-C input port on the enclosure and to a compatible USB-A or USB-C port on your computer or host device.
7. Connect the power adapter to the DC Jack on the enclosure and plug it into a power outlet.
8. Press the power button on the enclosure to turn it on. The red LED indicator will illuminate.

Installation Steps



1 Insert 3.5" SATA HDD



2 Secure the HDD with screws



3 Slide back into the case



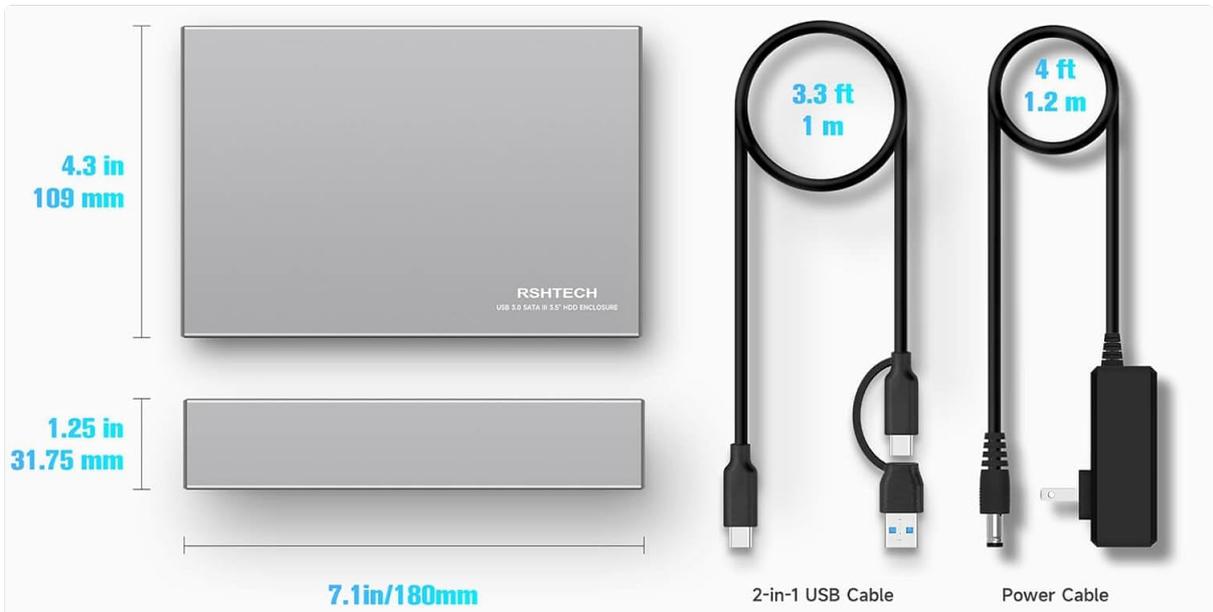
4 Tighten the Screws

Image: Visual guide demonstrating the steps for installing a hard drive into the enclosure, including inserting the HDD, securing it, and sliding it into the case.

5. OPERATING INSTRUCTIONS

Once the hard drive is installed and the enclosure is connected to power and your host device:

- **Power On/Off:**
 - To turn on: Tap the power button once. The red LED will light up.
 - To turn off: Press and hold the power button for approximately 3 seconds until the red LED turns off. This ensures safe shutdown and protects your hard drive.
- **LED Indicators:**
 - **Red LED:** Indicates power status. Solid red means the unit is powered on.
 - **Blue LED:** Indicates hard drive activity. Flashes blue when data is being accessed (read or written).
- **Automatic Sleep Mode:** The enclosure will automatically enter sleep mode after 10 minutes of inactivity (no data access). This feature helps conserve energy and prolong the lifespan of your hard drive. The blue LED will turn off when in sleep mode. Data access will automatically wake the drive.
- **Connecting to Devices:** The 2-in-1 USB cable allows connection to various devices including PCs, laptops, tablets, PS4, Xbox One, and smart TVs. Ensure your device has a compatible USB-A or USB-C port.
- **New Drive Initialization:** If you are using a brand new, unformatted hard drive, it will need to be initialized and formatted through your operating system's Disk Management (Windows) or Disk Utility (macOS) before it can be used. Refer to your operating system's documentation for detailed steps.



3.5 inch SATA Hard Drive Enclosure

- 6Gbps UASP
- USB-A/C
- Aluminum Shell

Quickly assembled in 3 minutes,
super speed rate up to 6Gbps data transmission



Image: Diagram showing the wide compatibility of the enclosure with Windows, Mac OS, Linux, Chrome OS systems, and devices like PCs, laptops, tablets, PS4/Xbox One, TVs, and routers.

Auto-Sleep Function

Automatically activated after
10 minutes of inactivity

10 minutes

Image: Graphic illustrating the auto-sleep function, which activates after 10 minutes of inactivity.

6. MAINTENANCE

To ensure the longevity and optimal performance of your RSHTECH Hard Drive Enclosure:

- Keep the enclosure clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the unit to extreme temperatures, humidity, or direct sunlight.
- Do not block the heat dissipation holes located at the bottom of the enclosure.
- Handle the enclosure with care to prevent physical damage.
- Always safely eject the hard drive from your operating system before disconnecting the enclosure or powering it off to prevent data corruption.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Enclosure not powering on.	No power from outlet; power adapter faulty; power button not pressed.	Ensure power adapter is securely connected and plugged into a working outlet. Tap the power button to turn on. Try a different outlet.
Hard drive not detected by computer.	USB cable loose/faulty; drive not properly seated; drive unformatted/uninitialized; driver issue.	Check USB cable connection. Re-seat the hard drive inside the enclosure. For new drives, initialize and format in Disk Management/Disk Utility. Try a different USB port on your computer. Update USB drivers if necessary.
Slow data transfer speeds.	Connected to USB 2.0 port; UASP not enabled; drive performance limitations.	Ensure connection to a USB 3.0/3.1/3.2 port. Verify your system supports UASP. Drive performance is also a factor; older HDDs will be slower than SSDs.
Enclosure frequently disconnects.	Loose connections; power supply issue; drive overheating.	Check all cable connections. Ensure adequate power supply. Ensure proper ventilation and that the heat dissipation holes are not blocked.

8. SPECIFICATIONS

Feature	Detail
Model Number	RSH-339STC
Compatible Drive Types	2.5" / 3.5" SATA HDD & SSD
Max Capacity Supported	24 TB
Data Transfer Rate	Up to 5 Gbps (USB 3.0), Up to 6 Gbps (UASP)

Feature	Detail
Hardware Interface	SATA 6.0 Gb/s
Connectivity	USB-C Input, DC Power Jack
Cable Type	2-in-1 USB-A/USB-C Detachable Cable (3.3 ft / 1 m)
Material	Aluminum Alloy, ABS Plastic
Product Dimensions	7.1 x 4.3 x 1.25 inches (180 x 109 x 31.75 mm)
Item Weight	1.21 pounds
Automatic Sleep	After 10 minutes of inactivity



Image: The enclosure highlighting its support for up to 24TB large capacity 3.5-inch SATA HDD/SSD.

Supports UASP

Transfer 1G Files in Few Seconds



Image: Close-up of the 2-in-1 detachable USB cable, showing both USB-A and USB-C connectors, connected to a laptop.

9. WARRANTY AND SUPPORT

RSHTECH products typically come with a standard manufacturer's warranty. For specific warranty terms, duration, and to obtain technical support or service, please refer to the warranty card included with your product or visit the official RSHTECH website. You may also contact RSHTECH customer service directly through their support channels for assistance with product issues or inquiries.

For additional information and support, you can visit the RSHTECH brand store on Amazon:[RSHTECH Store](#)

Related Documents

	<p>RSHTECH Aluminum Dual Bay SATA Hard Drive Docking Station User Manual</p> <p>User manual for the RSHTECH Aluminum Dual Bay SATA Hard Drive Docking Station (RSH-DS01). This document provides information on product features, setup, operation, and troubleshooting for connecting and cloning 2.5/3.5 inch SATA HDDs and SSDs.</p>
	<p>USB 3.0 HDD Docking Station RSH-338(H) User Manual</p> <p>User manual for the RSHTECH USB 3.0 HDD Docking Station RSH-338(H), detailing its contents, technical specifications, partitioning and formatting instructions for Windows and macOS, device removal, troubleshooting, and safety precautions.</p>
	<p>RSHTECH RSH-518R RGB USB Hub User Guide</p> <p>Comprehensive user guide for the RSHTECH RSH-518R 7-port USB 3.0 hub with RGB lighting. Learn about its features, operation, power adapter, and safety instructions.</p>
	<p>RSHTECH RSH-ST07C 10Gbps USB-C Hub User Manual</p> <p>User manual for the RSHTECH RSH-ST07C USB-C hub, detailing its features, components, and safety instructions. This portable multiport adapter offers 10Gbps and 5Gbps data ports, USB-A and USB-C connectors.</p>