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> [RSHTECH 10-Port Powered USB 3.2/USB C Hub \(Model RSH-ST10C\) User Manual](#)

RSHTECH RSH-ST10C

RSHTECH 10-Port Powered USB 3.2/USB C Hub (Model RSH-ST10C) User Manual

Model: RSH-ST10C

1. INTRODUCTION

Thank you for choosing the RSHTECH 10-Port Powered USB 3.2/USB C Hub. This device is designed to expand the connectivity of your computer or laptop, providing multiple high-speed USB ports for various peripherals and data transfer needs. This manual provides detailed instructions for setting up, operating, and maintaining your USB hub.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, please contact customer support.

- RSHTECH 10-Port Powered USB 3.2/USB C Hub (Model RSH-ST10C)
- 12V/5A DC Power Adapter
- USB-C to USB-C Data Cable (3.3 ft / 1 meter)
- User Manual (this document)

3. PRODUCT FEATURES

- **10-Port Expansion:** Adds 3 USB 3.2 ports (1 USB-A, 2 USB-C) and 7 USB 3.0 ports.
- **High-Speed Data Transfer:** USB 3.2 ports support up to 10Gbps, USB 3.0 ports support up to 5Gbps.
- **60W Universal Power Supply:** Includes a 12V/5A DC power adapter to ensure stable power for all connected devices.
- **Individual Touch Switches:** Each port features an independent touch switch with blue LED indicators for power status.
- **Detachable USB-C Cable:** Comes with a 3.3 ft (1 meter) USB-C to USB-C cable for flexible connection.
- **Wide Compatibility:** Supports Windows, Mac OS, Linux, and Android operating systems. Compatible with various USB-C/Thunderbolt 3/4 devices.
- **Safety Features:** Built-in overcurrent and overvoltage protection.

4. PRODUCT DIAGRAM

Refer to the diagram below for an overview of the hub's components and port layout.

10-IN-1 USB Hub

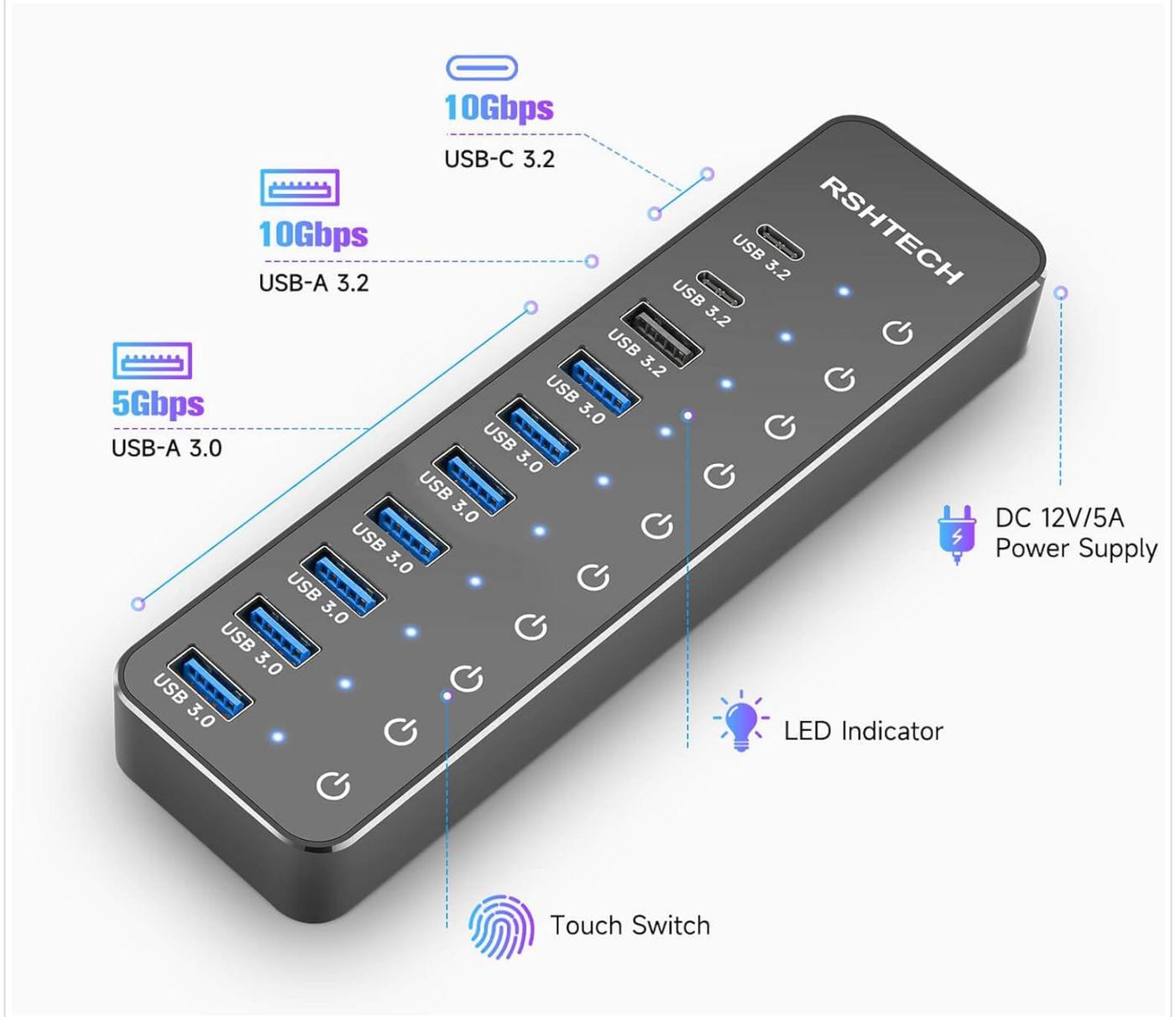


Figure 4.1: Overview of the RSHTECH 10-Port USB Hub, highlighting the two USB-C 3.2 ports, one USB-A 3.2 port, seven USB 3.0 ports, individual touch switches, LED indicators, and the DC 12V/5A power supply input.



Figure 4.2: Detail of the DC 12V power supply input and the USB-C host input port on the RSHTECH USB Hub, emphasizing overcurrent and overvoltage protection for stable transmission.

5. SETUP INSTRUCTIONS

Follow these steps to set up your RSHTECH USB Hub:

1. **Connect the Power Adapter:** Plug the included 12V/5A DC power adapter into the "DC 12V" port on the back of the USB hub. Then, plug the power adapter into a wall outlet. The hub requires external power for stable operation, especially when connecting multiple devices or power-hungry peripherals.

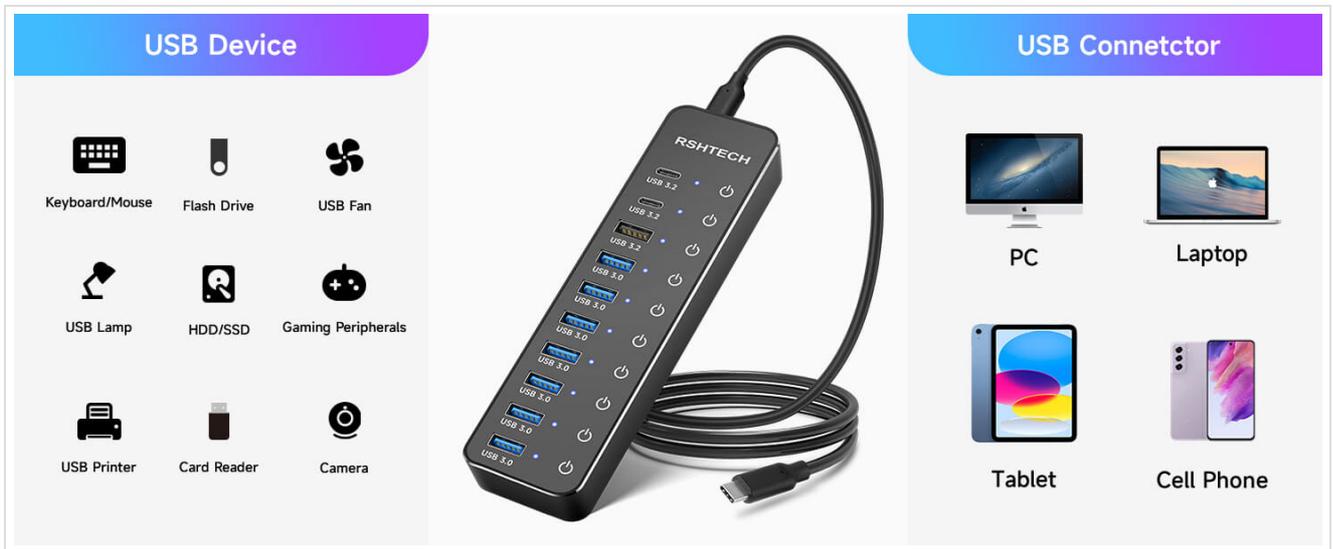


Figure 5.1: The RSHTECH USB Hub receiving power from the 60W power adapter, connected to a wall outlet.

2. **Connect to Host Device:** Use the provided USB-C to USB-C data cable to connect the "HOST" port on the USB hub to an available USB-C or Thunderbolt 3/4 port on your computer or laptop.



Figure 5.2: The RSHTECH USB Hub connected to a laptop using the detachable 3.3ft USB-C cable.

3. **Driver Installation:** The RSHTECH USB Hub is plug-and-play and typically does not require any additional driver installation for

most operating systems (Windows, Mac OS, Linux, Android). Your system should automatically recognize the hub.

6. OPERATING INSTRUCTIONS

Once the hub is set up, you can begin connecting your USB devices.

1. **Connecting USB Devices:** Plug your USB devices (e.g., flash drives, external hard drives, keyboards, mice, cameras, printers) into the available USB 3.2 (USB-A or USB-C) or USB 3.0 ports on the hub.



Figure 6.1: The RSHTECH USB Hub facilitating high-speed data transfer with various connected devices like USB flash drives and an external hard drive.

2. **Using Individual Touch Switches:** Each USB port has an independent touch switch.
 - To **activate** a port: Lightly touch the switch button next to the desired port. The blue LED indicator for that port will illuminate.
 - To **deactivate** a port: Press and hold the switch button for approximately two seconds. The blue LED indicator will turn off.

This feature allows you to manage power to individual devices, conserving energy and preventing interference when a device is not in active use.

Individual Touch Switch

Touch to activate the data port, hold for 2s to deactivate



Figure 6.2: Demonstrating the individual touch switch functionality on the RSHTECH USB Hub. A light touch activates the port, and a 2-second press deactivates it.

3. Data Transfer Speeds:

- USB 3.2 ports (1 USB-A, 2 USB-C) offer data transfer speeds up to 10Gbps.
- USB 3.0 ports offer data transfer speeds up to 5Gbps.

Actual speeds may vary depending on the connected device, cable quality, and host system capabilities.

4. **Charging Devices:** The powered hub can charge compatible devices connected to its ports. The 60W power supply ensures sufficient power delivery.

7. MAINTENANCE

To ensure the longevity and optimal performance of your RSHTECH USB Hub, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the hub. Avoid using liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Storage:** When not in use for extended periods, disconnect the hub from power and your host device. Store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the hub or subjecting it to strong impacts. Do not attempt to disassemble the device, as this will void the

warranty.

- **Cable Care:** Ensure all cables are connected securely and are not bent or kinked excessively.

8. TROUBLESHOOTING

If you encounter issues with your RSHTECH USB Hub, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Hub or connected device not recognized.	<ul style="list-style-type: none">◦ Loose connection.◦ Port deactivated.◦ Insufficient power.◦ Driver issue (rare).	<ul style="list-style-type: none">◦ Ensure all cables (power and host) are securely connected.◦ Touch the individual switch for the port to activate it (blue LED should light up).◦ Verify the 12V/5A power adapter is correctly plugged in and receiving power.◦ Try connecting to a different USB port on your host device.◦ Restart your computer.
Slow data transfer speeds.	<ul style="list-style-type: none">◦ Device connected to a slower port.◦ Cable quality.◦ Host device limitations.◦ Multiple devices competing for bandwidth.	<ul style="list-style-type: none">◦ Ensure high-speed devices are connected to USB 3.2 ports (10Gbps).◦ Use high-quality USB 3.2 or USB 3.0 cables.◦ Disconnect other bandwidth-intensive devices if possible.
Devices are not charging or charging slowly.	<ul style="list-style-type: none">◦ Power adapter not connected or faulty.◦ Device requires more power than available.	<ul style="list-style-type: none">◦ Confirm the 12V/5A power adapter is connected and functioning.◦ Ensure the device is compatible with USB charging standards.
Individual port LED not lighting up.	<ul style="list-style-type: none">◦ Port is deactivated.◦ No device connected.◦ Faulty port.	<ul style="list-style-type: none">◦ Touch the switch to activate the port.◦ Connect a device to the port.◦ If the issue persists, try a different port or contact support.

9. SPECIFICATIONS

Feature	Detail
Model Number	RSH-ST10C
Total USB Ports	10
USB 3.2 Ports	1 x USB-A 3.2 (10Gbps), 2 x USB-C 3.2 (10Gbps)
USB 3.0 Ports	7 x USB 3.0 (5Gbps)
Power Supply	12V/5A DC (60W)
Host Connection	USB-C
Cable Length (Host)	3.3 ft (1 meter)
Dimensions (L x W x H)	6.7 x 1.9 x 0.7 inches (17.1 x 4.8 x 1.7 cm)
Item Weight	1.04 pounds (approx. 470g)
Material	Aluminum Shell

Feature	Detail
Compatibility	Windows, Mac OS, Linux, Android; USB-C/Thunderbolt 3/4 devices
Special Features	Individual Touch Switches, Plug and Play, Powered, Overcurrent/Overvoltage Protection

10. WARRANTY AND SUPPORT

RSHTECH products come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official RSHTECH website.

If you require technical assistance or have questions regarding your RSHTECH 10-Port Powered USB 3.2/USB C Hub, please contact RSHTECH customer support through their official channels.

Website: www.rshtech.com



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Related Documents - RSH-ST10C

	<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>
	<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 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>