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Satechi ST-D4KTM-US

Satechi Triple 4K Docking Station User Manual

Model: ST-D4KTM-US | Brand: Satechi

1. Introduction

The Satechi Triple 4K Docking Station is a versatile 14-in-1 solution designed to expand the connectivity and display capabilities of your MacBook or Windows laptop. This powerful hub allows you to connect up to three 4K displays simultaneously, providing an immersive and highly productive workspace. With 100W Power Delivery, a variety of USB ports, Gigabit Ethernet, and an audio jack, this docking station streamlines your setup and enhances your workflow.



Figure 1: Satechi Triple 4K Docking Station

Video 1: Official Product Overview of the Satechi Triple 4K Display Docking Station, highlighting its features and design.

2. What's Included

Your Satechi Triple 4K Display Docking Station package includes the following items:

- Satechi Triple 4K Display Docking Station
- C5 Power Cable
- USB-C to USB-C Cable
- User Manual



Figure 2: Package Contents including the docking station, power cable, USB-C cable, and user manual.

3. Setup

3.1. Power Connection

1. Connect the C5 Power Cable to the power input port (DC 20V) on the rear of the docking station.
2. Plug the other end of the power cable into a wall outlet. The power indicator light on the docking station should illuminate.

3.2. Host Connection (to your Laptop)

1. Connect one end of the provided USB-C to USB-C cable to the host port on the side of the docking station.
2. Connect the other end of the USB-C cable to a compatible USB-C or Thunderbolt port on your laptop.

3.3. DisplayLink Software Installation

For optimal performance and to enable triple display functionality, especially for MacBook M1/M2 users and certain Windows configurations, the DisplayLink software is required. Please follow these steps:

1. Visit the official DisplayLink website or Satechi's support page for the Triple 4K Docking Station.
2. Download and install the latest DisplayLink drivers compatible with your operating system (Windows, macOS, ChromeOS).
3. Follow the on-screen instructions to complete the installation. A system restart may be required.

Video 2: Product Overview Video of the Satechi Triple 4K Docking Station, demonstrating its features and connectivity.

4. Operating Your Docking Station

4.1. Connecting Displays

The docking station supports up to three 4K displays at 60Hz. It features 2 DisplayPort 1.4 ports and 3 HDMI 2.0 ports. Note that two of the HDMI ports operate via DisplayLink, while one HDMI port operates via DP Alt Mode.

- Connect your monitors using HDMI or DisplayPort cables to the corresponding ports on the rear of the docking station.
- For triple display setup, ensure DisplayLink software is correctly installed and configured on your laptop.
- On MacBook M1/M2 models, this docking station overcomes the single-monitor limitation, allowing for extended display across multiple screens.



Figure 3: A workstation demonstrating a triple monitor setup powered by the Satechi Docking Station.

4.2. USB and Ethernet Connectivity

The docking station provides a wide range of ports for all your peripherals:

- **Gigabit Ethernet:** Connect an Ethernet cable to the RJ45 port for stable and high-speed wired network access.
- **USB 3.0 Ports (5Gbps):** Three USB-A ports for connecting standard USB devices like keyboards, mice, and external drives.
- **USB 3.1 Gen 2 Port (10Gbps):** One USB-A port for high-speed data transfer.
- **USB-C 3.1 Gen 2 Port (10Gbps, 7.5W Charging):** One USB-C port for high-speed data transfer and charging compatible devices.



Figure 4: Detailed diagram illustrating the various ports available on the Satechi Docking Station.

4.3. Power Delivery

The side host port supports up to 100W pass-through charging, ensuring your connected laptop remains powered throughout your workday. This eliminates the need for a separate laptop charger, reducing cable clutter.



Figure 5: The docking station connected to a laptop, demonstrating 100W power delivery and simultaneous device charging.

5. Maintenance

To ensure the longevity and optimal performance of your Satechi Triple 4K Docking Station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the surface of the docking station. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Heat Dissipation:** The docking station is designed with bottom vents for airflow. Ensure these vents are not obstructed to allow for proper heat dissipation, especially during heavy use.



Figure 6: Illustration of the docking station's heat dissipation design with bottom vents for optimal airflow.

6. Troubleshooting

6.1. Display Issues

- **No Display / Flickering:** Ensure all display cables (HDMI/DisplayPort) are securely connected to both the docking station and your monitors. Verify that the DisplayLink software is installed and up-to-date.
- **Single Monitor Limitation on M1/M2 Macs:** The Satechi Triple 4K Docking Station is designed to overcome this limitation. Ensure the DisplayLink software is correctly installed and configured as per the setup instructions.

6.2. Connectivity Issues (USB/Ethernet)

- **Network Adapter Not Recognized (Windows):** If the Gigabit Ethernet port is not detected after initial connection, try restarting your Windows laptop. This often resolves driver recognition issues.
- **Peripherals Not Working:** Ensure USB devices are properly inserted into the correct ports. Try connecting the device directly to your laptop to rule out device-specific issues.

6.3. Power Issues

- **Laptop Not Charging:** Verify that the C5 Power Cable is securely connected to both the docking station and the wall outlet. Ensure the USB-C host cable is connected to a power-delivery compatible port on your laptop.

7. Specifications

Feature	Description
Product Dimensions	7.52 x 3.35 x 1.26 inches
Item Weight	1.69 pounds (27.05 Ounces)
Model Number	ST-D4KTM-US
Color	Space Gray
Hardware Interface	HDMI, USB-C, USB-A, DisplayPort, Ethernet, Audio Jack
Total USB Ports	5 (3x USB 3.0, 1x USB 3.1 Gen 2, 1x USB-C 3.1 Gen 2)

Feature	Description
Total HDMI Ports	3
DisplayPort	2
Wattage	100.00W (Power Delivery)
Compatible Devices	MacBook (M1/M2/M2 Pro/Pro Max), iMac, Mac Mini, Mac Studio, Mac Pro, iPad Air/Pro, Windows Laptops, USB-C/Thunderbolt/USB4 devices

8. Warranty and Support

Satechi products are covered by a**2-year limited warranty** against defects in materials and workmanship under normal use. For detailed warranty information or to access customer support, please refer to the official Satechi website or the user guide PDF provided with your product.
You can also download the User Guide (PDF) directly from:Satechi Triple 4K Docking Station User Guide

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