TOTU TT-HB010A

TOTU 13-in-1 USB C Hub Docking Station User Manual

Model: TT-HB010A

1. INTRODUCTION

This manual provides detailed instructions for the TOTU 13-in-1 USB C Hub Docking Station (Model TT-HB010A). This versatile hub expands the connectivity of your USB-C enabled laptop, offering multiple display outputs, high-speed data transfer, and power delivery capabilities. Please read this manual thoroughly to ensure proper setup and operation.

2. PRODUCT OVERVIEW AND PORTS

The TOTU 13-in-1 USB C Hub is designed to provide comprehensive connectivity. Below is an overview of the device and its available ports.

The TOTU 13-in-1 USB C Hub, demonstrating its compact design and multiple connectivity options including USB drives, an audio jack, and an SD card.

Super fast and stable data transfer

USB3.0 :5Gbps data transmission ⚡ 5Gbps

🚀 ━━━━━━━━━━━━━━━━━━━━━━━

USB2.0:Best connect option for mouse or keyboard

A detailed diagram illustrating all ports on the TOTU USB C Hub, including USB-C PD, HDMI, DisplayPort, USB 3.0, USB 2.0, SD/TF card slots, 3.5mm audio, and Gigabit Ethernet.

Port Functions:

- **2 x 4K HDMI Ports:** Connect to external displays for video output up to 4K resolution.
- **1 x DisplayPort (DP):** Connect to an external display for video output up to 4K resolution.
- **1 x USB-C Power Delivery (PD) Charging Port:** Supports up to 75W power delivery to charge your laptop.
- **1 x Gigabit RJ45 Ethernet Port:** Provides stable wired network connectivity (10/100/1000Mbps).
- **1 x SD Card Slot:** For reading and writing data from SD memory cards.

- **1 x TF (MicroSD) Card Slot:** For reading and writing data from MicroSD memory cards.
- **1 x 3.5mm Audio Port:** For connecting headphones or speakers.
- **2 x USB 3.0 Ports:** High-speed data transfer up to 5Gbps.
- **2 x USB 2.0 Ports:** For connecting peripherals like keyboards and mice, offering backward compatibility.

3. SETUP INSTRUCTIONS

1. **Verify Laptop Compatibility:** Ensure your laptop's USB-C port supports DisplayPort Alt Mode and Power Delivery for full functionality. The hub is incompatible with USB-A to USB-C adapters.
2. **Connect the Hub:** Plug the USB-C connector of the TOTU Hub into your laptop's USB-C port.
3. **Connect Power Adapter (Optional but Recommended):** For laptop charging and stable operation, connect your laptop's power adapter (45W or above recommended) to the USB-C PD port on the hub. This ensures sufficient power for all connected devices.
4. **Connect Peripherals:** Attach your external monitors to the HDMI and/or DisplayPort outputs. Connect USB devices (mouse, keyboard, external drives) to the USB 3.0 or USB 2.0 ports. Insert SD/TF cards as needed. Connect an Ethernet cable to the RJ45 port for wired network access.
5. **System Recognition:** Your operating system should automatically detect the hub and connected devices. No additional drivers are typically required for plug-and-play functionality.

4. OPERATING INSTRUCTIONS

4.1 Display Modes for Windows Systems

The TOTU 13-in-1 USB C Hub supports triple display functionality for Windows operating systems.

- **Triple Display:** Windows systems can extend the display across three external monitors.
- **Resolution:** 3840x2160 (4K) output is available when using a single HDMI or DisplayPort. In extend mode with multiple displays, each display will be limited to a maximum resolution of 1080P.
- **Modes:** Windows supports both extend and mirror display modes across multiple external monitors.

Illustration of a Windows laptop utilizing the TOTU USB C Hub to extend its display across three external monitors (two HDMI, one DisplayPort) for an expanded workspace.

Examples of triple display configurations for Windows systems using the TOTU USB C Hub, showing various arrangements of extended and mirrored displays.

Visual guide showing correct and incorrect methods for setting up triple displays on Windows using the TOTU USB C Hub, highlighting optimal configurations.

4.2 Display Modes for macOS Systems

Due to Apple system restrictions, macOS systems have specific limitations regarding external display extension.

- **Mirror Display Only:** macOS only supports mirroring the two external displays. You can enjoy one private display content on your laptop and share all external monitors with another display content.
- **Resolution:** External displays can support up to 4K resolution in mirror mode.

Examples of display configurations for macOS systems using the TOTU USB C Hub, demonstrating mirror mode functionality across external displays.

Visual guide showing correct and incorrect methods for setting up displays on macOS using the TOTU USB C Hub, emphasizing mirror mode limitations.

4.3 Data Transfer and Charging

- **USB 3.0:** Offers data transmission speeds up to 5 Gbps.
- **USB 2.0:** Supports data transfer up to 480 Mbps. It is advisable to connect wireless mouse/keyboard receivers to USB 2.0 ports to avoid potential USB 3.0 radio frequency interference.
- **SD/TF Card Slots:** Data transfer speeds up to 480 Mbps.
- **Gigabit Ethernet:** Supports 10/100/1000Mbps network speeds for reliable internet connection.
- **Power Delivery:** The USB-C PD port supports up to 75W charging for your laptop. Ensure a 45W or higher power adapter is used for optimal charging.

Size and Package

weight: 3.2oz

5.6inch

1.97inch

0.6inch

5.2inch

TOTU®

The TOTU USB C Hub connected to a laptop for power delivery, also showing a smartphone charging, illustrating its 75W PD capability.

Please use 75W above power adapter

The TOTU USB C Hub facilitating high-speed data transfer via USB 3.0 ports and SD/TF card slots, with connected USB

5. SPECIFICATIONS

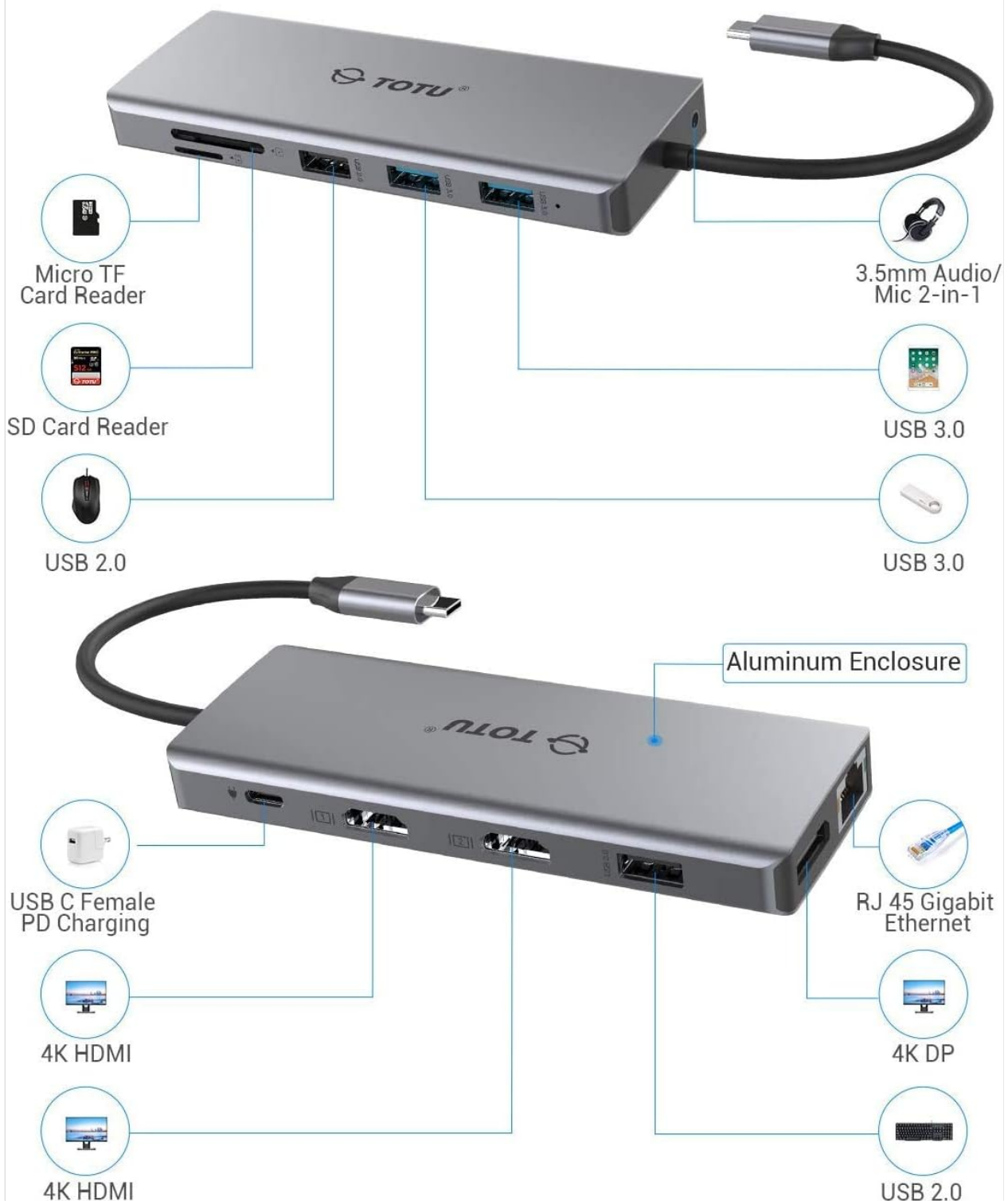| Feature	Specification
Model Number	TT-HB010A
Product Dimensions	10.94 x 1.96 x 0.59 inches
Item Weight	3.67 ounces (104 Grams)
Color	Gray
Hardware Interface	Ethernet, HDMI, MicroSD, USB 2.0, USB 3.0, USB Type C
Number of Ports	12 (excluding host connection)
Total HDMI Ports	2
DisplayPort	1
USB 3.0 Ports	2
USB 2.0 Ports	2
Power Delivery (PD)	75W
Ethernet Speed	10/100/1000Mbps

HDMI +HDMI + DP in one USB C HUB

An image detailing the compact dimensions of the TOTU USB C Hub and showing it being placed into a protective pouch, highlighting its portability.

6. TROUBLESHOOTING

- **No Display Output:**

    - Ensure your laptop's USB-C port supports DisplayPort Alt Mode.
    - Check all cable connections (USB-C to laptop, HDMI/DP to monitors).
    - Verify monitor input settings are correct (e.g., HDMI 1, DisplayPort).

- For macOS, remember that only mirror display is supported for external monitors.
- Try connecting one monitor at a time to isolate the issue.

- **Laptop Not Charging:**

  - Ensure your laptop's USB-C port supports Power Delivery.
  - Verify your power adapter is connected to the hub's USB-C PD port and is 45W or above.
  - Check if the power adapter and cable are functioning correctly.

- **Slow Data Transfer Speed:**

  - Ensure you are using USB 3.0 ports for high-speed devices.
  - Some USB 3.0 devices may cause interference with 2.4GHz wireless devices; try connecting wireless receivers to USB 2.0 ports.

- **Intermittent Connection:**

  - Ensure all connections are secure.
  - Disconnect and reconnect the hub from your laptop.
  - If using a high-power device, ensure the hub is connected to a power source via its PD port.

- **Ethernet Not Working:**

  - Check the Ethernet cable connection to both the hub and your router/modem.
  - Verify network settings on your computer.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the hub. Avoid liquid cleaners or solvents.
- **Storage:** Store the hub in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble the hub.
- **Cable Care:** Do not bend or twist the integrated USB-C cable excessively to prevent damage.
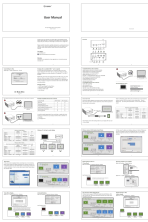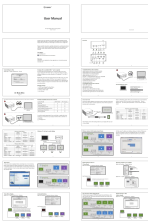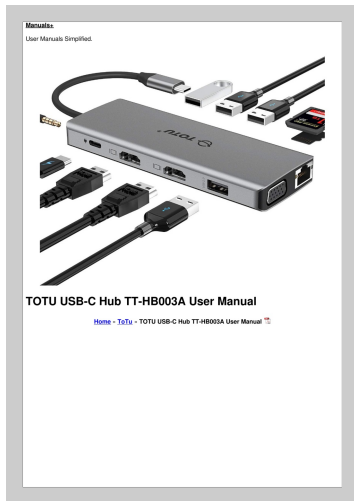
8. WARRANTY AND SUPPORT

The TOTU 13-in-1 USB C Hub comes with a standard 12-month warranty. Customers may be eligible for an extended 18-month warranty upon product registration on the official TOTU website.
For further assistance, please refer to the official user guides available online:

- User Guide (PDF)
- User Manual (PDF)

For technical support or warranty claims, please contact TOTU customer service through their official channels.
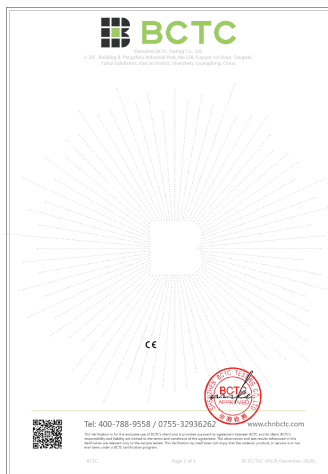
Related Documents - TT-HB010A

	[TOTU USB-C Hub Quick Start Guide & Setup Instructions](#) A comprehensive guide to setting up and using the TOTU 12-in-1 USB-C Hub. This document details multi-display configurations for Windows and macOS, lists compatible devices, and provides troubleshooting tips for optimal performance.
	[TOTU TT-DC001A USB-C Triple Display Docking Station User Manual](#) Comprehensive user manual for the TOTU TT-DC001A USB-C Triple Display Docking Station. Provides detailed instructions on setup, connectivity, compatible devices, and multi-display configurations for both Windows and macOS operating systems. Includes troubleshooting tips and resolution specifications.
	[Understanding USB-C Port Differences and Laptop Compatibility](#) This guide explains the critical differences between Thunderbolt 3, USB-C 3.1 Gen 2, and USB-C 3.1 Gen 1 ports, focusing on bandwidth and display output capabilities. It provides a detailed compatibility list for various laptop models from major brands like Apple, Microsoft Surface, Dell, HP, Lenovo, and Asus to help users make informed purchasing decisions for accessories.
	[TOTU USB-C Hub Quick Start Guide & Setup Instructions](#) A comprehensive guide to setting up and using the TOTU 12-in-1 USB-C Hub. This document details multi-display configurations for Windows and macOS, lists compatible devices, and provides troubleshooting tips for optimal performance.
	[TOTU TT-DC001A USB-C Triple Display Docking Station User Manual](#) Comprehensive user manual for the TOTU TT-DC001A USB-C Triple Display Docking Station. Provides detailed instructions on setup, connectivity, compatible devices, and multi-display configurations for both Windows and macOS operating systems. Includes troubleshooting tips and resolution specifications.
	[ABLEWE 4-in-1 USB-C Hub User Guide](#) Comprehensive user guide for the ABLEWE 4-in-1 USB-C hub, detailing its features, setup, specifications, and troubleshooting for connecting peripherals and wired networks to USB-C enabled devices.

Documents - TOTU – TT-HB010A

[pdf] User Manual Quick Start Guide Troubleshooting Guide Specifications Guide Warranty

TOTU USB C Hub TT HB003A User Manual Manuals The green LED stays on while the yellow flashes it works Package Included 1 x 12 IN Warranty Card A1xO K0yy9L m media amazon images I ||| Manuals User Manuals Simplified. TOTU USB-C Hub TT-HB003A User Manual Home ToTu TOTU USB-C Hub TT ... TOTU, USB-C, Hub, TT-HB003A Download References TOTU Official Website PayPal Related Manuals 1. **TT-HB010A** 12-in-1 USB C Hub User Manual User Manual **TT-HB010A** 12-in-1 USB C Hub Thank you for... 2. ...

lang:en score:41 filesize: 1.01 M page_count: 15 document date: 2021-10-08

[pdf] Decleration of Conformity

bctcemc006 Informazioni sulla sicurezza Docking Station USB C Hub TOTU 8 in 1 Type with 4K HDMI Port Ethernet 100W PD Power Delivery 2 3 0 Ports SD TF Card Reader for MacBook and Other Laptops Amazon it Informatica 81aamEk6tmL m media amazon images I |||

Shenzhen BCTC Testing Co., Ltd. 1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Roa ... 003A, OB-HB003A, ES-HB003C, TT-HB004A, TT-HB005A, ES-HB006, ES-HB007, ESHB008, TG-HB009, OB-HB010A, **TT-HB010A**, TT-HB011A, TGHB012, TT-HB013A, TG-HB014, ST-HB014, QH-HB014, TG-HB015, ST-HB015, HD-HB016...

lang:en score:20 filesize: 348.75 K page_count: 1 document date: 2022-04-01