

TOTU TT-DC002A

TOTU Upgraded Universal USB-C 4K Triple Display Docking Station User Manual

Model: TT-DC002A

Brand: TOTU

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your TOTU Upgraded Universal USB-C 4K Triple Display Docking Station. This device is designed to expand the connectivity of your MacBook Pro and Windows Type C systems, enabling triple display output, multiple USB connections, and power delivery.

To ensure optimal performance, please read this manual thoroughly before use.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- TOTU Docking Station (Model TT-DC002A)
- 60W (20V 3A) DC Power Adapter
- USB-C to USB-C Cable
- User Manual



Image: The TOTU docking station and its included accessories, including the power adapter and USB-C cable.

3. PRODUCT FEATURES AND PORTS

The TOTU Docking Station offers a comprehensive array of ports for enhanced connectivity:

- **Display Outputs:** 2 x DisplayPort (DP) supporting up to 4K@60Hz, 1 x HDMI supporting up to 4K@30Hz.
- **USB Ports:** 3 x USB 3.0 (5Gbps), 2 x USB 2.0, 1 x USB-C 3.0 (data transfer and power delivery).
- **Network:** Gigabit Ethernet (RJ-45) port.
- **Audio:** Audio input/output (3.5mm jacks).
- **Card Readers:** MicroSD and SD card slots.
- **Power Delivery:** Up to 60W USB Power Delivery for host charging.

Meets the demand of various peripheral connection

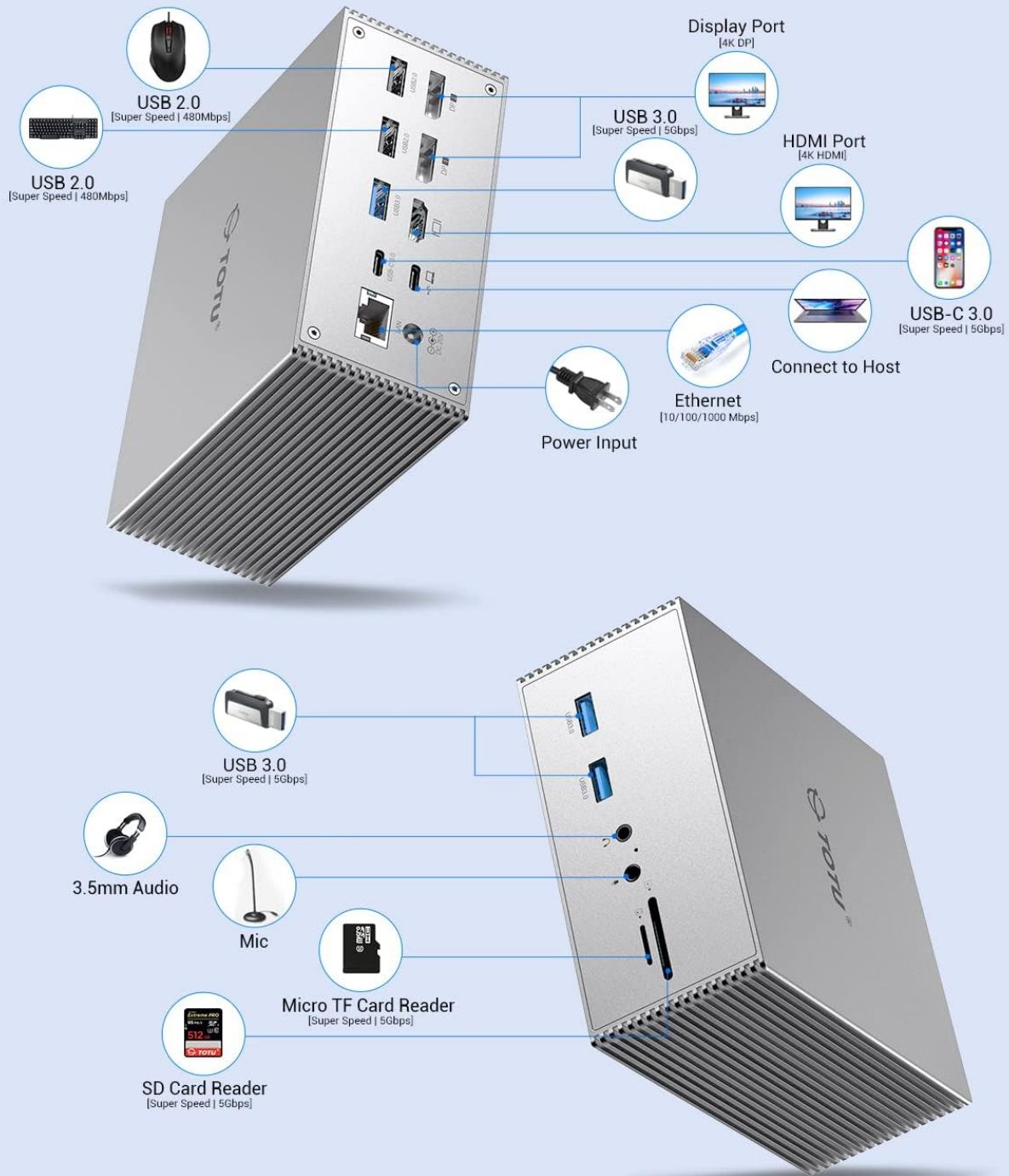


Image: Detailed diagram illustrating the various ports available on the front and back of the TOTU docking station.

4. SETUP AND INSTALLATION

Before connecting, ensure your host device's USB-C port supports DisplayPort Alt Mode and Power Delivery. Driver installation is required for triple display functionality.

1. **Driver Installation:** Download and install the DisplayLink driver from the official DisplayLink website or contact TOTU service for assistance.

2. **Power Connection:** Connect the provided 60W DC power adapter to the 'DC IN' port on the docking station, then plug it into a power outlet.
3. **Host Connection:** Connect the provided USB-C cable from the docking station's 'USB-C Host' port to your computer's USB-C port.
4. **Display Connection:** Connect your monitors to the HDMI and DisplayPort outputs on the docking station using appropriate cables. Note: Use HDMI 2.0 or above cables for optimal performance. The display ports can only transmit video to external monitors and cannot charge external monitors.
5. **Peripheral Connection:** Attach USB and USB-C devices (keyboard, mouse, printer, USB drives, etc.) to the available USB 3.0 and USB 2.0 ports on both the front and back of the dock.
6. **Audio Connection:** Connect speakers/headphones or a microphone to the front audio inputs.
7. **Network Connection:** If wired Ethernet connection is available, connect an Ethernet cable to the RJ-45 port.

5. OPERATING INSTRUCTIONS

The docking station supports various display modes for both Windows and macOS systems.

5.1. macOS Display Modes

For macOS, the docking station supports both Mirror Mode and Extend Mode across multiple displays.

- **Mirror Mode:** All connected displays show the same content as your MacBook.
- **Extend Mode:** Each connected display shows independent content, extending your desktop workspace.

Multiple Display Modes (Mac OS)

1 Mirror Mode (DP / DP / HDMI) + Macbook



2 Extend Mode (DP / DP / HDMI) + Macbook



NOTE:
For extension display, do not click the Mirror Displays in “setting”

Image: Visual representation of Mirror Mode and Extend Mode for macOS users with the docking station.


5.2. Windows Display Modes

For Windows, the docking station supports various configurations for multiple external monitors, including extended and mirrored displays.

Triple Display (Windows)



Hot Key : Right click the mouse on the desktop

 Intel® Graphics Settings

or

 +P

Image: Various triple display configurations for Windows systems, showing different arrangements of monitors.

Mutiple Display Modes (Windows)

Windows laptop CAN support three external monitors to mirror the laptop screen at the same time



Image: Visual representation of multiple display modes for Windows laptops, including mirroring and extending the screen.

6. TROUBLESHOOTING

If you encounter issues with your docking station, consider the following solutions:

- **Display Issues:** If one screen is shown instead of two or three when connecting display ports, check if the laptop recognized the additional external display. Verify that the HDMI cable is in place. Replace the HDMI or DisplayPort cables with HDMI 2.0 or above cables for optimum performance.

- **USB Accessories Disabled:** If USB accessories are not functioning, please unplug and re-plug the accessories. Reset the System Management Controller (SMC) of your device.
- **Driver Issues:** Ensure the latest DisplayLink drivers are installed. Visit the official DisplayLink website for updates.
- **No Power Delivery:** Confirm your host device's USB-C port supports Power Delivery. Ensure the provided power adapter is correctly connected.

7. SPECIFICATIONS

Feature	Specification
Brand	TOTU
Model	TT-DC002A
Color	Space Grey
Hardware Interface	DisplayPort, HDMI, MicroSD, USB 2.0, USB Type C, Ethernet
Compatible Devices	MacBook Pro, Windows USB-C Systems (with DisplayPort Alt Mode & Power Delivery)
Total USB Ports	7 (3x USB 3.0, 2x USB 2.0, 1x USB-C 3.0)
Product Dimensions	4.7"L x 4.7"W x 2.2"H
Item Weight	1.3 Pounds
Total HDMI Ports	1 (4K@30Hz)
DisplayPort Outputs	2 (4K@60Hz)
Power Delivery	Up to 60W
Ethernet	Gigabit (10/100/1000 Mbps)

8. WARRANTY AND SUPPORT

The TOTU Upgraded Universal USB-C 4K Triple Display Docking Station comes with a **ONE YEAR** warranty. For any questions or assistance, please contact TOTU service:

- **Email:** support@totupeg.com
- **Facebook:** facebook.com/totudirect
- **Website:** www.iple.com

