HODO HD041-2

HODO 10-in-1 USB C Hub Multiport Adapter User Manual

Brand: HODO | Model: HD041-2

1. Introduction

This manual provides comprehensive instructions for the HODO 10-in-1 USB C Hub Multiport Adapter. This versatile docking station expands a single USB-C port into multiple essential connections, including 4K HDMI, Gigabit Ethernet, USB 3.0, USB 2.0, USB-C Power Delivery, USB-C data transfer, and SD/TF card readers. It is designed to enhance connectivity and productivity for a wide range of laptops, including MacBook, Dell, HP, Surface, and Lenovo.

Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your device.

2. Product Overview and Features

The HODO 10-in-1 USB C Hub is engineered to provide extensive connectivity options through a single USB-C connection. Below are its key features and port descriptions:

- **10-in-1 Versatility:** Extends one USB-C port to include 4K HDMI, Gigabit Ethernet, 3x USB 3.0 ports, 2x USB 2.0 ports, USB-C Power Charging (max 100W), USB-C data transfer (5Gbps), and TF/Micro SD card reader.
- **4K HDMI Output:** Supports mirroring or extending your screen with resolutions up to 4K@60Hz for stunning visual clarity on external displays.
- **Super Speed Data Transfer:** Equipped with USB 3.0 (5Gbps) and USB 2.0 (480Mbps) ports for rapid file transfers from flash drives and external hard drives. A dedicated USB-C data port also offers 5Gbps transfer speeds.
- **100W Power Delivery:** Allows charging of your laptop at up to 100W while simultaneously using multiple peripherals.
- **SD & Micro SD Card Reader:** Conveniently browse and transfer photos and files from your memory cards at speeds up to 20MB/s. Note: Simultaneous reading of SD/TF cards is not supported.
- **Gigabit Ethernet:** Provides stable and ultra-fast wired network speeds of 10/100/1000BASE-T, ensuring reliable internet connectivity.



Figure 2.1: Overview of the 10-in-1 USB C Hub and its various ports.



Figure 2.2: Summary of the HODO 10-in-1 Hub's capabilities.

3. Setup Guide

Follow these steps to set up your HODO 10-in-1 USB C Hub:

1. **Verify USB-C Port Compatibility:** Ensure your laptop's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode) for video output and Power Delivery if you intend to use these features. Look for symbols like a lightning bolt (Thunderbolt 3/4), a 'D' inside a 'P' (DisplayPort), or a battery icon for Power Delivery.

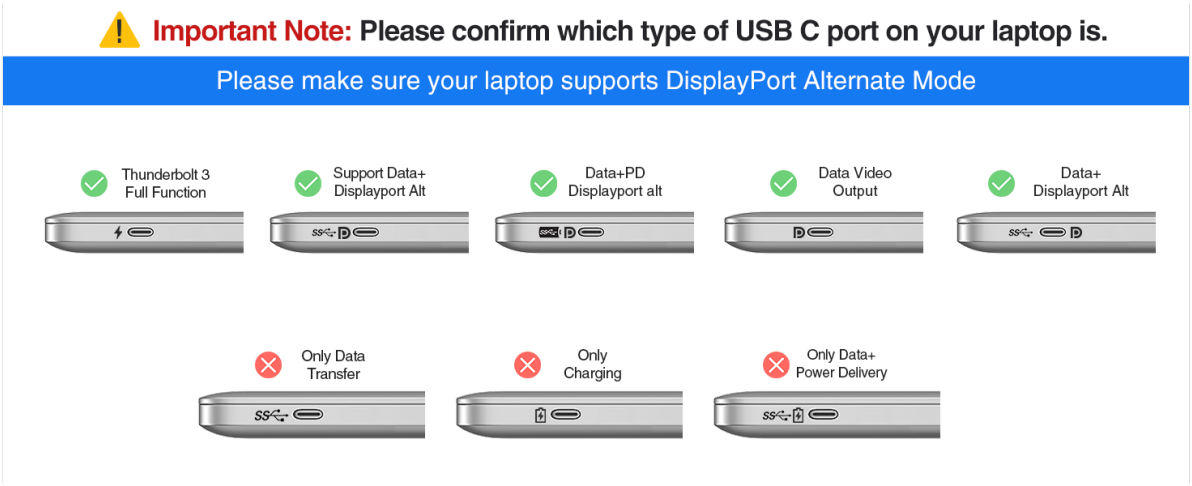


Figure 3.1: USB-C Port Compatibility Guide.

2. **Connect the Hub:** Plug the USB-C connector of the HODO hub directly into a compatible USB-C port on your laptop.
3. **Connect Peripherals:**
    - **HDMI Display:** Connect an HDMI cable from your monitor to the hub's HDMI port.
    - **Ethernet:** Connect an Ethernet cable to the Gigabit Ethernet port for a stable wired network connection.
    - **USB Devices:** Plug in your USB 3.0 and USB 2.0 devices (e.g., mouse, keyboard, flash drives, external hard drives) into the corresponding USB-A ports.
    - **SD/TF Cards:** Insert your SD or Micro SD card into the designated slots.
    - **Power Delivery:** If you wish to charge your laptop through the hub, connect your laptop's original USB-C power adapter to the hub's USB-C PD port.
4. **Configure Display Settings (Windows):**
   For multi-screen setup on Windows, navigate to**Settings > System > Display**. Here you can:
    - Rearrange displays by dragging them to match your physical setup.
    - Select a display and choose "Extend desktop to this display" for extended mode, or "Duplicate desktop" for mirror mode.
    - Adjust resolution and refresh rate: Scroll down to "Related settings" and select "Advanced display". Choose the desired display, then click "Display adapter properties" and "List All Modes" to select your preferred resolution and refresh rate (e.g., 3840x2160 for 4K, 1920x1080 for Full HD).

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Video 3.1: Multi-screen Resolution Setting Method for Windows.

5. **Configure Display Settings (Mac OS):**
   For multi-screen setup on Mac OS, navigate to**System Settings > Displays**. Here you can:
    - Select the external display.
    - Choose "Extended display" for extended mode, or "Mirror for Built-in Display" for mirror mode.
    - Adjust resolution and refresh rate from the available options.

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Video 3.2: Multi-screen Resolution Setting Method for Windows & Mac.

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Video 3.3: USB C Docking Station for Dell HP Lenovo Laptop - General Overview.

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Video 3.4: User's Guide for Docking Station - Detailed Setup.

4. Operating Instructions

The HODO 10-in-1 USB C Hub is designed for plug-and-play functionality. Once connected to a compatible USB-C port on your laptop, most features will be immediately accessible.

- **Display Output:** After connecting your HDMI display, your operating system should automatically detect it. You can then configure mirror or extend modes as described in the Setup Guide.
- **Data Transfer:** Insert USB flash drives, external hard drives, or connect other USB devices to the USB 3.0 or USB 2.0 ports. They will appear as removable storage or connected devices in your operating system.
- **Card Reader:** Insert your SD or Micro SD card into the appropriate slot. The card will appear as a removable drive. Ensure "External disks" are set to show on your desktop in Mac OS Finder preferences if you cannot see them.
- **Network Connection:** Plug an Ethernet cable into the RJ45 port. Your laptop should automatically connect to the wired network.
- **Power Delivery:** Connect your laptop's USB-C power adapter to the hub's PD port. The hub will pass through power to charge your laptop while allowing other hub functions to operate.

5. Maintenance

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

- **Keep Dry:** Avoid exposing the hub to water, moisture, or high humidity.
- **Avoid Extreme Temperatures:** Do not operate or store the hub in excessively hot or cold environments.
- **Handle with Care:** Avoid dropping, bending, or subjecting the hub to strong impacts.
- **Cleaning:** Use a soft, dry cloth to clean the surface of the hub. Do not use liquid cleaners or aerosols.
- **Port Care:** Ensure ports are free of dust and debris. When connecting cables, insert them gently and avoid excessive force.

6. Troubleshooting

This section addresses common issues you might encounter with your HODO USB C Hub.

6.1 Display Issues (HDMI/DP/VGA Port)

- **"No Signal Input" or Black Screen:**
  This often occurs if your laptop's USB-C port does not support video output (DisplayPort Alternate Mode). Verify your laptop's USB-C port functionality by checking the manufacturer's specifications. Only ports labeled with Thunderbolt, DP Alt Mode, or similar symbols support video output.

  If your monitor indicates a black screen, it might be due to a set frame rate that exceeds your monitor's supported refresh rates (e.g., 90/120/144 Hz). Try setting the frame rate externally on your monitor or

changing the resolution and frame rate on the screen next to your connected laptop.

- **Screen Flickering:**
  If flickering occurs, first confirm which graphics card the expansion is using and perform a driver update for that graphics card. If the problem persists, replace the cable to verify if it's faulty. Note that screen flickering is more likely to occur with cable lengths exceeding 3 meters.
- **Only Screen Mirroring (not extending):**
  For products using multiple HDMI/DP/VGA ports, the resolution of the monitor linked to each port may be reduced. If the final imaging effect does not match your product detail page, try inserting the ports one by one and gradually adjusting the resolution of each display. Ensure your display settings are configured for "Extend desktop to this display" (Windows) or "Extended display" (Mac OS).

6.2 USB-A / USB-C Port Issues

- **Wireless Device Latency (Mouse/Keyboard):**
  Due to USB 3.0's impact on the 2.4GHz/2.5GHz wireless frequency band, interference can occur. To mitigate this:
  - Keep the wireless mouse/keyboard as close to the receiver as possible.
  - Keep the receiver as far away from the USB 3.0 device as possible.
  - If your WiFi supports 2.4G/5G dual-band, choose the 5GHz band.
  - Apply EMI shielding tape around the USB 3.0 port.
  - Avoid using other 2.4GHz devices (like microwave ovens) simultaneously.
  - Consider using wireless interference-resistant products (e.g., Razer V3pro, ROG TKL, Logitech).
  - Use a wired mouse and keyboard if issues persist.
- **Hard Disk or USB Flash Drive Not Working:**
  This can be caused by multiple USB ports going dormant, leading to insufficient external power supply. You may need to adjust power settings in your operating system:
  - **Windows:** Disable USB selective suspend. Go to **Control Panel > Power Options > Change plan settings > Change advanced power settings > USB settings > USB selective suspend setting** and set to "Disabled". Also, in **Device Manager**, find "USB Root Hub" under "Universal Serial Bus controllers", right-click, select "Properties", go to the "Power Management" tab, and uncheck "Allow the computer to turn off this device to save power".
  - **Mac OS:** Ensure external devices are allowed. Go to **System Settings > Privacy & Security > Allow accessories to connect** and set to "Ask every time" or "Automatically when unlocked".
- **Frequent Device Loading Pop-up Sounds:**
  This can be related to power management settings as described above. If adjusting power settings doesn't resolve it, try uninstalling and updating the corresponding USB drivers.

6.3 SD/TF Port Not Working

If your SD/TF card is not detected, first try wiping the gold contact pins on the card. If it still doesn't work, check for physical damage to the card or the hub's slot.

6.4 Audio Port Not Working (3.5mm)

- **No Audio Output:**
  If you have multiple audio devices connected, only one independent audio output is allowed per unit. Ensure the hub's audio output is selected as the default playback device in your operating system's sound settings.
  - **Windows:** Go to **Settings > System > Sound**, then under "Output", select the HODO hub as your

output device.

- **Mac OS:** Go to **System Settings > Sound > Output**, and select the HODO hub as your output device.

- **Bottom Noise:**
  Clean the 3.5mm metal cylindrical head of your audio cable. Insert it and rotate it to find the right angle and depth. If issues persist, check that headphone monitoring and microphone enhancement functions are turned off, and noise cancellation is turned on in your audio settings.

6.5 Ethernet Port Issues

Network Speed Not Reaching 1000Mbps: Real-time network speed is influenced by various factors, including your internet service provider, router, and cable quality. Ensure you are using at least a CAT6 Ethernet cable for optimal performance. Check your cable rating and network panel as a priority.

7. Specifications

Attribute	Value
Product Dimensions	5.3 x 2.56 x 0.4 inches
Item Weight	3.52 ounces
Item Model Number	HD041-2
Brand	HODO
Manufacturer	HODO
Hardware Interface	Ethernet, HDMI, USB 3.0, USB 2.0
Special Features	Pass Through Charge, Fast Data Transfer, Plug and Play
Total USB Ports	9 (3x USB 3.0, 2x USB 2.0, 1x USB-C data, 1x USB-C PD)
Date First Available	March 22, 2022

8. Warranty and Support

For warranty information and technical support, please refer to the official HODO brand store or contact HODO customer service directly. Details regarding specific warranty periods and claims procedures can typically be found on the manufacturer's website or product packaging.

Visit the official HODO Store: HODO Store on Amazon

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