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› OBERSTER USB C Docking Station (Model OB-DC021-E-011) User Manual

OBERSTER OB-DC021-E-011

OBERSTER USB C Docking Station

MODEL: OB-DC021-E-011 USER MANUAL

1. Introduction

This manual provides detailed instructions for the OBERSTER USB C Docking Station, Model OB-DC021-E-011. This device expands the connectivity of your USB-C enabled laptop or desktop, offering multiple ports for video output, data transfer, network connectivity, and power delivery. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's capabilities.

2. Product Overview

The OBERSTER USB C Docking Station is an 11-in-1 solution designed to enhance your productivity. It features a comprehensive array of ports for various peripherals and displays.

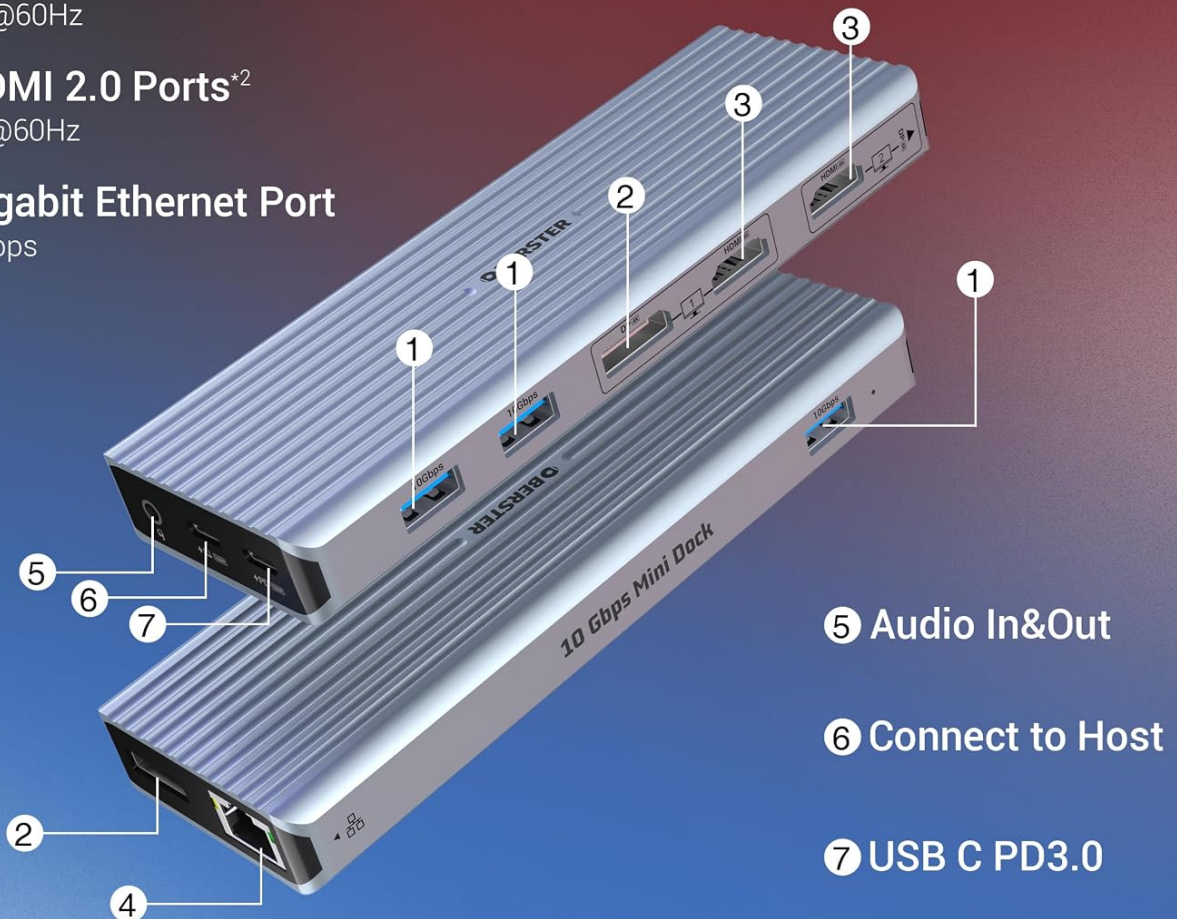
11 in 1 USB Docking Station

① **USB 3.1 Gen2 Type A**^{*3}
10Gbps Data Transfer

② **Displayport**^{*2}
4K@60Hz

③ **HDMI 2.0 Ports**^{*2}
4K@60Hz

④ **Gigabit Ethernet Port**
1Gbps



⑤ **Audio In&Out**

⑥ **Connect to Host**

⑦ **USB C PD3.0**

***Dock DOES NOT charge laptop. Please charge your laptop with external power supply.**

Image: Labeled diagram of the OBERSTER USB C Docking Station, highlighting its 11 ports including USB 3.1 Gen2 Type-A, DisplayPort, HDMI 2.0, Gigabit Ethernet, Audio In&Out, Connect to Host, and USB C PD3.0.

Port Descriptions:

- **USB 3.1 Gen2 Type-A Ports (x3):** Supports data transfer speeds up to 10Gbps. Compatible with U disks, mice, keyboards, printers, cameras, SSDs, and mobile hard disks.
- **DisplayPort (DP) (x2):** Supports video output up to 4K@60Hz.
- **HDMI 2.0 Ports (x2):** Supports video output up to 4K@60Hz.
- **Gigabit Ethernet Port:** Provides stable wired network connection up to 1000Mbps.
- **3.5mm Audio In&Out:** For connecting headphones, speakers, or microphones.
- **Connect to Host (USB-C):** Connects the docking station to your laptop or host device.
- **USB C PD3.0 Port:** Supports power input up to 100W for charging the host device (up to 92W output). This port is for power delivery only and does not support data, audio, or video transfer.

3. Setup Instructions

Follow these steps to set up your OBERSTER USB C Docking Station:

1. **Connect to Host Device:** Use the provided USB-C to USB-C cable to connect the docking station's 'Connect to Host' port to your laptop's USB-C or Thunderbolt port. If your laptop only has USB-A ports, use the provided USB-C to USB-A cable and connect the USB-C end to the docking station and the USB-A end to your laptop.



Image: Illustration demonstrating how to connect the docking station to either a USB-A laptop or a USB-C/Thunderbolt 3/4 laptop using the appropriate cable.

2. **Connect Power Adapter (Optional but Recommended):** If your laptop requires charging via the docking station, connect your laptop's original USB-C power adapter (up to 100W) to the docking station's 'USB C PD3.0' port. The docking station will then deliver up to 92W of power to your laptop.
3. **Connect External Displays:** Connect your monitors to the HDMI and/or DisplayPort outputs on the docking station. The docking station supports dual 4K@60Hz displays. For triple display configurations, your host laptop's screen can be used in conjunction with two external monitors.



Combinations for 4K@60Hz Triple Display



Image: Visual guide illustrating four different combinations for achieving 4K@60Hz triple display setups using HDMI and DisplayPort outputs.

4. **Install DisplayLink Driver:** For optimal performance and multi-display functionality, especially on macOS and certain Windows configurations, it is recommended to download and install the DisplayLink driver.

Please download and install DisplayLink driver before use!

Step 1:
Go to www.displaylink.com/downloads

Step 2:
Download for your operation system
Windows Mac OS Chrome OS

Step 3:
Install and turn on the app

Step 4:
Connect to monitors and enjoy!

Image: Step-by-step instructions for downloading and installing the DisplayLink driver: 1. Go to displaylink.com/downloads, 2. Download for your operating system, 3. Install and turn on the app, 4. Connect to monitors and enjoy.

5. **Connect Peripherals:** Connect your USB devices (keyboard, mouse, external drives), Ethernet cable, and audio devices to the respective ports on the docking station.

4. Operating Instructions

4.1 Video Output and Display Modes

The docking station supports various display configurations:

- **Mirror Mode:** Duplicate your laptop's screen onto external monitors.
- **Extend Mode:** Extend your desktop across multiple screens, allowing for increased workspace.
- **Triple Display:** Utilize your laptop's screen and two external monitors simultaneously. The specific resolution and refresh rate (up to 4K@60Hz) depend on your host device's capabilities and the DisplayLink driver installation.

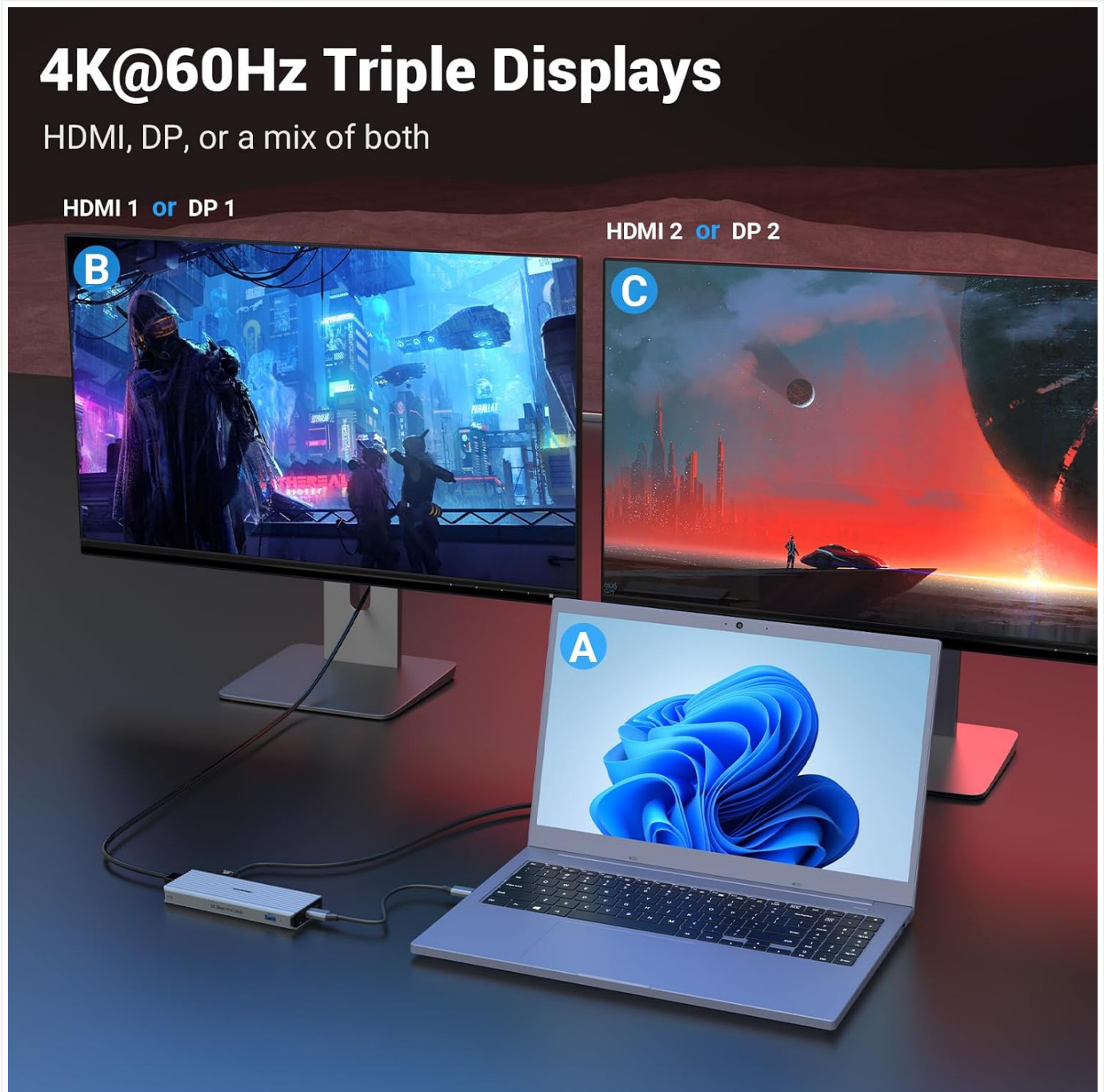


Image: A laptop connected to the docking station, which in turn is connected to two external monitors, demonstrating a 4K@60Hz triple display setup.

4.2 Data Transfer

The USB 3.1 Gen2 ports offer high-speed data transfer:

- Connect your USB 3.0/3.1/3.2 compatible devices to the USB-A ports for speeds up to 10Gbps.
- Transfer large files quickly, such as 1GB in approximately 10 seconds.



Image: A laptop connected to the docking station, illustrating ultra-fast 10Gbps data transfer capabilities, significantly faster than USB 2.0.

4.3 Power Delivery

The USB C PD3.0 port allows for efficient charging of your host device:

- Connect a USB-C power adapter (up to 100W) to the PD port.
- The docking station will pass through up to 92W of power to charge your connected laptop.
- *Note: The actual charging rate depends on the wattage of your power supply. This port is for power delivery only.*



Image: The docking station connected to a power source (100W input) and a laptop (up to 85W output), demonstrating its fast power delivery function.

4.4 Gigabit Ethernet

For a stable and fast internet connection:

- Connect an Ethernet cable from your router/modem to the Gigabit Ethernet port on the docking station.
- Enjoy speeds up to 1000Mbps for reliable network access.



Image: The OBERSTER docking station with an Ethernet cable plugged in, highlighting its capability for fast and stable Gigabit Ethernet connectivity up to 1000Mbps.

4.5 Audio Connection

Connect your audio devices:

- Plug your 3.5mm headphones, speakers, or microphone into the dedicated audio jack.



Image: A close-up view of the docking station with a 3.5mm audio jack connected, indicating support for audio input and output.

5. Compatibility

The OBERSTER USB C Docking Station offers broad compatibility with various devices and operating systems:

- **Compatible Devices:** MacBook Pro/Air (M1, M2, M3, Intel), Surface Pro, Dell XPS, Samsung Smartphones, and other laptops/desktops with USB-C or Thunderbolt ports.
- **Operating Systems:** Windows, macOS, Linux, Chromebook OS, Android, iOS, Google.

6. Maintenance

To ensure the longevity and optimal performance of your docking station:

- Keep the device in a dry environment and avoid exposure to extreme temperatures.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or solvents.
- Avoid dropping or subjecting the device to strong impacts.
- Ensure proper ventilation around the docking station to prevent overheating, especially during prolonged use with multiple connected devices. The aluminum design aids in heat dissipation.

7. Troubleshooting

If you encounter issues, please refer to the following common solutions:

- **No Display Output:**
 - Ensure all video cables (HDMI/DP) are securely connected to both the docking station and the monitors.
 - Verify that the docking station is properly connected to your host device's USB-C port.
 - Check your computer's display settings to ensure the external monitors are detected and configured (e.g., Extend, Mirror).
 - Install or update the DisplayLink driver from displaylink.com/downloads.
 - Try connecting one monitor at a time to isolate the issue.
- **No Power Delivery to Laptop:**
 - Ensure your laptop's original USB-C power adapter is connected to the docking station's PD port.
 - Verify the power adapter is functioning correctly and plugged into a working power outlet.

- Confirm your laptop supports USB-C Power Delivery.

- **USB Devices Not Working:**

- Ensure the USB devices are securely plugged into the docking station's USB ports.
- Try connecting the device directly to your laptop to confirm it's functional.
- Restart your computer.

- **No Ethernet Connection:**

- Check that the Ethernet cable is securely connected to both the docking station and your router/modem.
- Verify that your network settings on your computer are configured for a wired connection.
- Test the Ethernet cable with another device if possible.

- **Audio Not Working:**

- Ensure your audio device is fully plugged into the 3.5mm audio jack.
- Check your computer's sound settings to ensure the docking station's audio output is selected as the default device.

8. Specifications

Brand	OBERSTER
Model Number	OB-DC021-E-011
Dimensions (LxWxH)	6.81 x 4.49 x 0.87 inches
Weight	9 ounces
Hardware Interface	USB-C, HDMI, DisplayPort, USB 3.1 Gen2, RJ45 Ethernet, 3.5mm Audio
Video Output	2x HDMI 2.0 (up to 4K@60Hz), 2x DisplayPort (up to 4K@60Hz)
USB Data Ports	3x USB 3.1 Gen2 Type-A (up to 10Gbps)
Ethernet	Gigabit Ethernet (10/100/1000Mbps)
Power Delivery	USB-C PD3.0 (100W input, up to 92W output to host)
Audio	3.5mm Audio In&Out
Compatible OS	Windows, macOS, Linux, Chromebook OS, Android, iOS
UPC	764143361519

9. Safety Information

- Do not disassemble or modify the device.
- Avoid exposing the device to water, moisture, or extreme temperatures.
- Keep out of reach of children.
- Use only compatible power adapters and cables.
- If the device emits smoke, unusual odors, or makes strange noises, immediately disconnect it from power and contact support.

10. Warranty and Support

OBERSTER products come with a standard manufacturer's warranty. For warranty claims, technical support, or any questions regarding your docking station, please contact OBERSTER customer service through the retailer where you purchased the product or visit the official OBERSTER website for contact information.

ASK A QUESTION ABOUT THIS MANUAL

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