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Plugable UD-6950PDZ

Plugable 12-in-1 USB C Triple Monitor Docking Station (Model UD-6950PDZ) User Manual

Comprehensive instructions for setup, operation, and troubleshooting.

1. Introduction

This manual provides detailed instructions for the Plugable 12-in-1 USB C Triple Monitor Docking Station, model UD-6950PDZ. This docking station is designed to expand the connectivity of your USB-C, USB4, or Thunderbolt-enabled laptop, allowing for multiple external displays, additional USB peripherals, wired network access, and power delivery. Please read this manual thoroughly before using the device to ensure proper setup and operation.



Image: The Plugable UD-6950PDZ docking station shown from two different perspectives, highlighting its compact design and various ports.

2. Package Contents

Verify that all items are present in the package:

- Plugable UD-6950PDZ Docking Station
- Power Cable and Adapter
- 1M (3.28ft) USB-C Host Cable



Image: Contents of the Plugable UD-6950PDZ package, showing the docking station, power adapter, and USB-C cable.

3. Key Features

The Plugable UD-6950PDZ docking station offers extensive connectivity and functionality:

- **Triple 4K Display Output:** Supports up to three 4K displays at 60Hz via HDMI or DisplayPort.
- **100W Power Delivery:** Charges your connected laptop with up to 100 Watts of power.
- **Six USB 3.0 Ports:** Provides ample connectivity for USB peripherals.
- **Gigabit Ethernet:** Ensures a stable and fast wired network connection.
- **3.5mm Audio Jack:** For headphones or headsets.
- **Wide Compatibility:** Works with USB Type-C (DP1.2), USB4, and Thunderbolt systems running Windows 10/11, macOS 11+, and ChromeOS v100+.

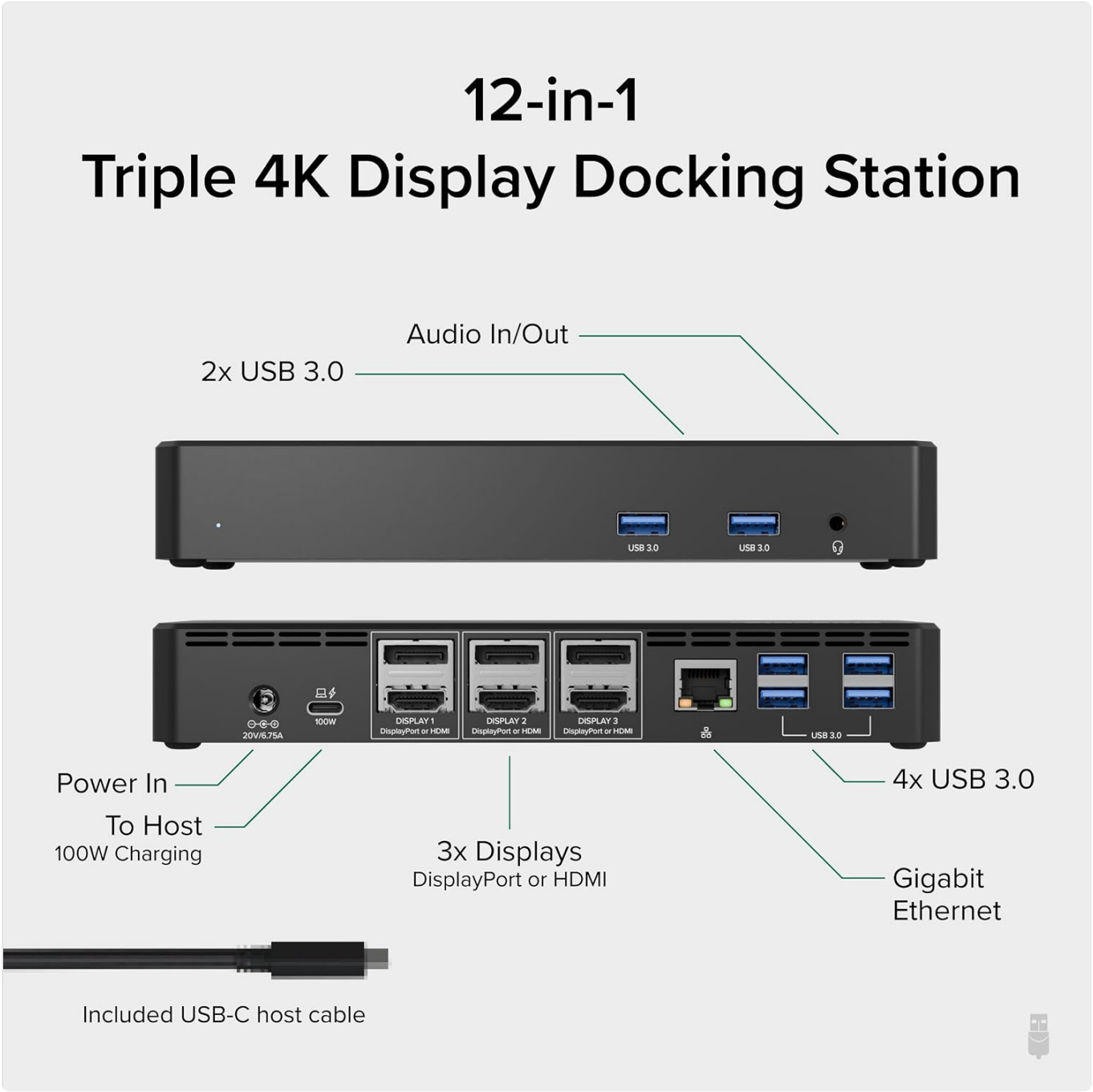


Image: Detailed diagram of the Plugable UD-6950PDZ docking station, highlighting all ports including USB 3.0, HDMI, DisplayPort, Ethernet, Power In, and Audio In/Out.

4. Setup Instructions

Follow these steps to set up your Plugable UD-6950PDZ docking station:

4.1 Driver Installation (macOS)

For macOS systems, installation of DisplayLink drivers is required for multi-monitor functionality. Windows and ChromeOS typically do not require manual driver installation.

1. Visit the official DisplayLink website to download the latest drivers for macOS.
2. Follow the on-screen instructions to install the DisplayLink Manager application.
3. Grant necessary permissions in macOS System Preferences if prompted.

A video walkthrough for macOS DisplayLink driver installation is available from Plugable. Ensure your laptop's drivers are up to date before proceeding.

4.2 Hardware Connection

1. **Connect Power:** Plug the power adapter into the docking station's "Power In" port and then into a wall outlet.
2. **Connect Displays:** Connect your external monitors to the docking station using either HDMI or DisplayPort cables. The docking station supports up to three displays.

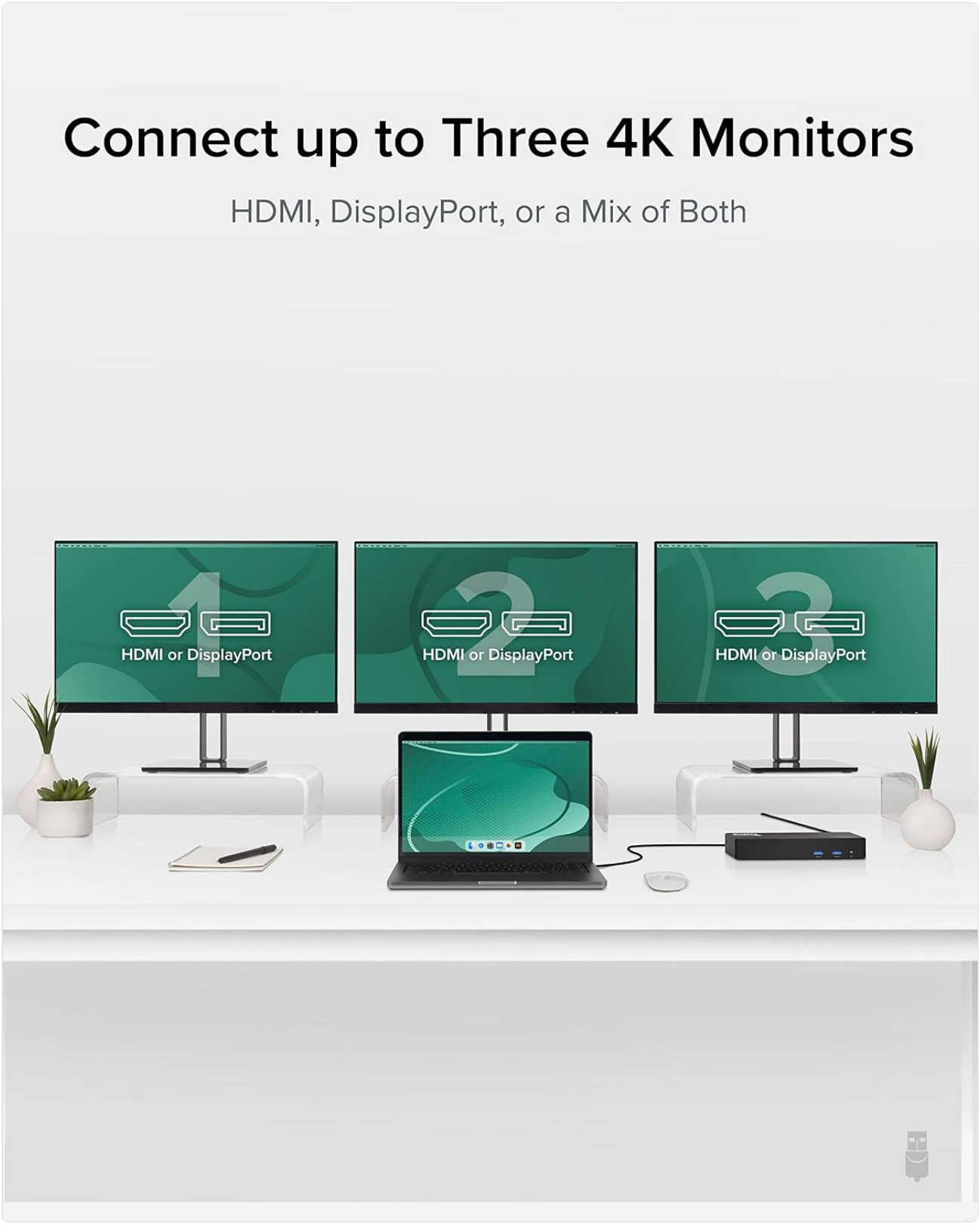


Image: A laptop connected to the Plugable docking station, which in turn is connected to three external monitors, illustrating a typical triple display setup.

3. **Connect Peripherals:** Connect your USB devices (keyboard, mouse, external drives, etc.) to the available USB 3.0 ports on the docking station.
4. **Connect Ethernet (Optional):** For a wired network connection, connect an Ethernet cable from your router or modem to the Gigabit Ethernet port on the docking station.

5. **Connect Audio (Optional):** If using external speakers or a headset, connect them to the 3.5mm audio jack.
6. **Connect to Host Laptop:** Use the included 1M USB-C host cable to connect the docking station to your laptop's USB-C, USB4, or Thunderbolt port. Ensure you use a cable rated for data and display capabilities.

Once connected, your laptop should detect the docking station and connected devices. You may need to adjust display settings in your operating system.

5. Operating Instructions

5.1 Display Configuration

After connecting your monitors, configure their arrangement and resolution through your operating system's display settings:

- **Windows:** Right-click on the desktop, select "Display settings." You can arrange displays, change resolution, and set display modes (extend, duplicate, second screen only).
- **macOS:** Go to "System Settings" (or "System Preferences"), then "Displays." You can arrange displays, adjust resolution, and enable or disable "Mirror displays."
- **ChromeOS:** Access display settings through the quick settings panel or system settings to configure external monitors.

The docking station supports up to three 4K (3840x2160) displays at 60Hz. Lower resolutions and refresh rates are also supported.

5.2 Power Delivery

The docking station provides up to 100W of power to your connected laptop via the USB-C host cable, provided your laptop supports USB-C Power Delivery. This allows you to charge your laptop while using the docking station, eliminating the need for a separate laptop power adapter.



Image: A laptop connected to the Plugable docking station, displaying a charging icon on its screen, indicating 100W power delivery.

5.3 USB Peripherals and Network

All connected USB peripherals and the Ethernet network connection will function automatically once the docking station is properly connected to your host laptop.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the docking station. Avoid liquid cleaners or solvents.
- **Firmware Updates:** Periodically check the Plugable website for any available firmware updates for the UD-6950PDZ model. Follow the provided instructions carefully for any updates.
- **Cable Management:** Ensure cables are not excessively bent or strained to prevent damage.

7. Troubleshooting

If you encounter issues, refer to the following common troubleshooting steps:

- **No Display Output:**
  - Ensure all display cables (HDMI/DisplayPort) are securely connected to both the monitor and the docking station.
  - Verify the USB-C host cable is firmly connected to both the laptop and the docking station.
  - Check your laptop's display settings to ensure external monitors are detected and configured correctly (extended or duplicated).
  - For macOS, confirm DisplayLink drivers are installed and updated.
  - Try restarting your laptop and the docking station (unplug and replug power).
  - Test monitors and cables directly with your laptop if possible, to rule out faulty components.
- **No Power Delivery to Laptop:**
  - Ensure the docking station's power adapter is securely connected and receiving power.
  - Confirm your laptop's USB-C port supports Power Delivery.
  - Use the included Plugable USB-C host cable, as not all USB-C cables support power delivery and data transfer simultaneously.
- **USB Devices Not Recognized:**
  - Ensure the USB devices are properly plugged into the docking station's USB 3.0 ports.
  - Try connecting the USB device directly to your laptop to confirm it is functional.
  - Restart the docking station and laptop.
- **No Ethernet Connection:**
  - Verify the Ethernet cable is securely connected to both the docking station and your network source.
  - Check your laptop's network settings to ensure the wired connection is enabled.
  - Test with a different Ethernet cable if available.

For further assistance, refer to the officialTroubleshooting Guide (PDF) or contact Plugable Support.

8. Specifications

Feature	Detail
Model Number	UD-6950PDZ
Brand	Plugable
Connectivity	USB-C, USB4, Thunderbolt 3/4
Video Outputs	3x HDMI, 3x DisplayPort (supports up to 3x 4K@60Hz displays)
USB Ports	6x USB 3.0 (5Gbps)
Ethernet	Gigabit Ethernet (10/100/1000 Mbps)
Audio	3.5mm TRRS Audio In/Out
Power Delivery	Up to 100W to host laptop
Operating System Compatibility	Windows 10/11, macOS 11+, ChromeOS v100+

Feature	Detail
Dimensions (LxWxH)	7.87 x 3.39 x 1.26 inches (20 x 8.6 x 3.2 cm)
Weight	2.4 pounds (1.09 kg)

9. Warranty and Support

Warranty: Every Plugable product, including the UD-6950PDZ docking station, is covered by a 2-year limited warranty against defects.
Support: Plugable offers lifetime technical support. If you have any questions or require assistance, please contact their North American-based support team. Contact information can be found on the official Plugable website.

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