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**WAVLINK WL-UG75PD5**

# WAVLINK Pro Docking Station User Manual

Model: WL-UG75PD5

## Introduction

This manual provides comprehensive instructions for setting up, operating, and maintaining your WAVLINK Pro Docking Station (Model WL-UG75PD5). This powerful docking station is designed to expand your connectivity and display capabilities, supporting up to five monitors for enhanced productivity on both Mac and Windows systems.

## Product Overview

The WAVLINK Pro Docking Station is a versatile 13-in-1 universal DisplayLink dock featuring the DL7400 chipset. It offers extensive port expansion and high-resolution display support, making it ideal for professional environments, content creation, and multitasking.

### Key Features:

- **Maximize Productivity with Quad Display Support:** The WAVLINK laptop docking station, powered by the DisplayLink DL7400 chipset, allows you to expand up to 4 displays. Enjoy dual 8K displays at 60Hz or quad 4K displays, delivering stunning visuals with high resolution and clarity for multitasking and productivity.
- **All-in-One Docking Station for Enhanced Connectivity:** This docking station for 5 monitors includes 2x DisplayPort 1.4, 2x HDMI 2.0, 2.5G Ethernet, and 5 USB ports (2x USB-C, 3x USB-A) for fast data transfer (up to 10Gbps), plus an SD card slot for quick media access. PD 30W charging for devices and a 100W PD charging port for laptops.
- **Fast Charging & Powerful Power Delivery:** With a 160W power adapter, this displaylink docking station supports 100W PD charging for your laptop via USB-C, plus 30W USB-C charging for smartphones or tablets.
- **High-Speed Connectivity and Fast File Transfers:** Equipped with 2.5G Ethernet, enjoy faster file transfers, seamless video streaming, and lag-free video calls. The 5 USB ports (USB-A and USB-C) deliver 10Gbps transfer speeds.

### Package Contents:

- WAVLINK Pro Docking Station (WL-UG75PD5)
- 160W Power Adapter
- USB-C to USB-C Cable (with USB-A adapter)
- User Manual




**Figure 1:** Front and rear view of the WAVLINK Pro Docking Station, highlighting its compact design and various ports.

This image displays the sleek, black design of the WAVLINK Pro Docking Station from two angles. The top view shows the front panel with USB-A, USB-C, and audio ports. The bottom view reveals the rear panel with multiple DisplayPort, HDMI, Ethernet, and power input ports.

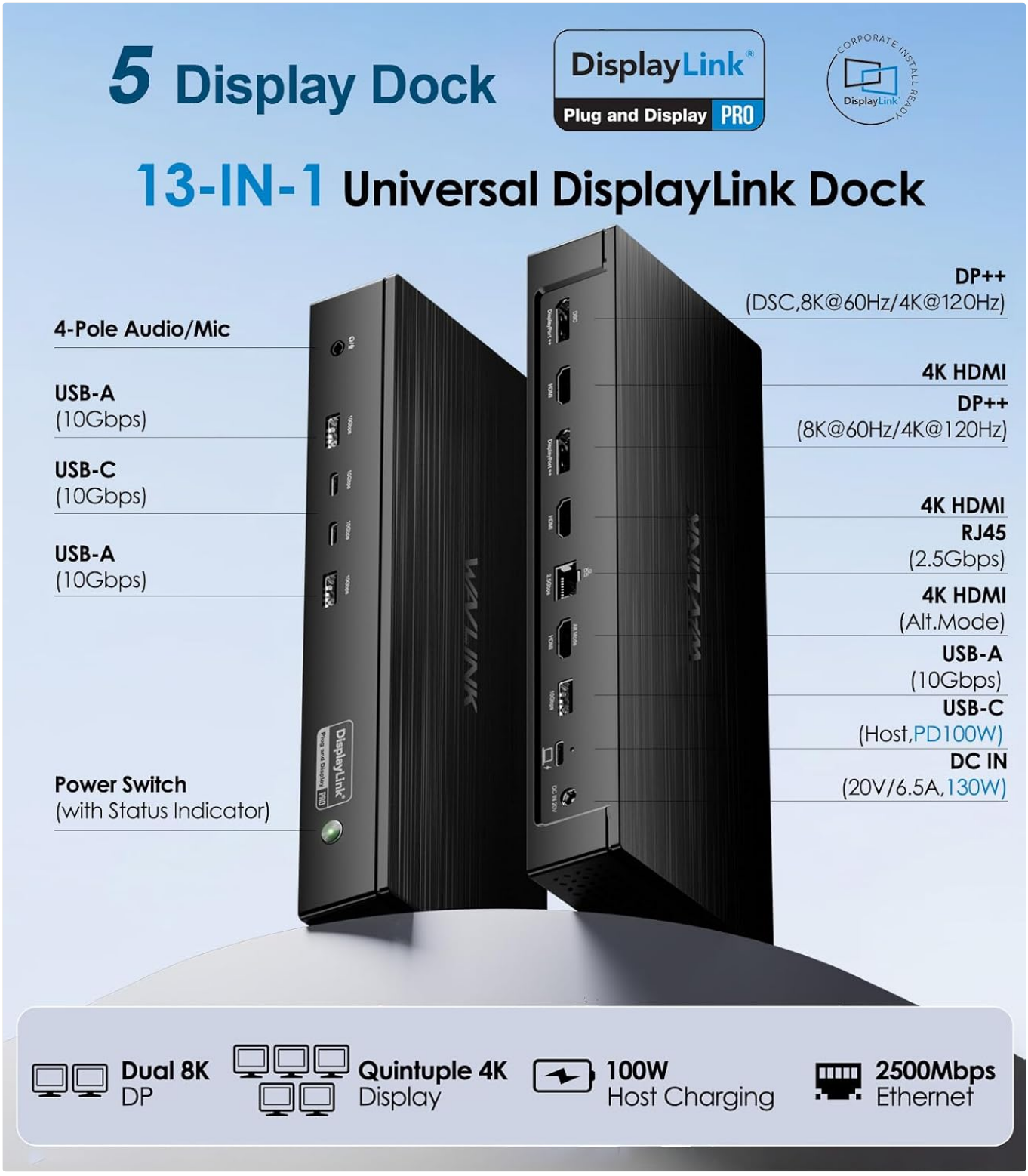


**Figure 2:** Detailed port layout of the WAVLINK Pro Docking Station.

This image provides a detailed diagram of all 13 ports on the WAVLINK Pro Docking Station, including DisplayPort, HDMI, Ethernet, USB-A, USB-C, and audio jacks, clearly labeled with their respective speeds and functions.

## Setup Guide

Follow these steps to set up your WAVLINK Pro Docking Station:

1. **Install DisplayLink Driver:**

   The WAVLINK Pro Docking Station requires the DisplayLink driver for full functionality. Please visit the official DisplayLink website (www.displaylink.com) to download and install the latest driver compatible with your operating system (Windows, macOS, Chrome OS, Ubuntu, Android, HarmonyOS).




**Figure 3:** Visual guide for DisplayLink driver installation.

This image illustrates the four steps for installing the DisplayLink driver: Go to displaylink.com, select your OS, download and install the driver, and for Mac users, grant Privacy and Security Screen Recording Permission.

**Important Note for Mac Users:** After installation, you must grant permission to the DisplayLink Manager to record your screen under Privacy & Security settings for proper display functionality.

2. **Connect Power:** Connect the included 160W power adapter to the "DC IN 20V" port on the back of the docking station and plug it into a power outlet.
3. **Connect to Host Device:** Use the provided USB-C to USB-C cable to connect the docking station to your laptop's USB-C port. Ensure your laptop's USB-C port supports video output (DisplayPort Alt Mode) for full display functionality. An included USB-A adapter can be used if your laptop only has USB-A ports, but this may affect certain features like Alt Mode HDMI.
4. **Connect Displays:** Connect your monitors to the available DisplayPort (DP) and HDMI ports on the back of the docking station.

- For dual 8K@60Hz displays, use the DisplayPort 1.4 ports.
- For quintuple 4K displays, use a combination of DisplayPort and HDMI 2.0 ports.
- Note that HDMI 3 (Alt Mode) requires your host's Type-C port to support video output.




**Figure 4:** Example setup with multiple monitors connected to the docking station.

This image demonstrates a laptop connected to the WAVLINK docking station, which in turn is connected to multiple external monitors, showcasing its multi-display capability for enhanced productivity.

5. **Connect Peripherals:** Connect your USB devices (keyboard, mouse, external drives, etc.) to the 10Gbps USB-A and USB-C ports on the front and back of the docking station.
6. **Connect Audio:** If desired, connect headphones or speakers to the 4-pole audio/mic jack on the front.
7. **Connect Ethernet:** For a stable wired network connection, connect an Ethernet cable to the 2.5Gbps RJ45 port.

## Operating Instructions

Once the setup is complete, your WAVLINK Pro Docking Station is ready for use. The power button with a status indicator on the front will glow green when connected and active, and red when not.

## Display Modes:

The docking station supports various display configurations:

- **Extend Mode:** Extends your desktop across multiple monitors, allowing for increased workspace.
- **Mirror Mode:** Duplicates your primary display onto all connected external monitors.

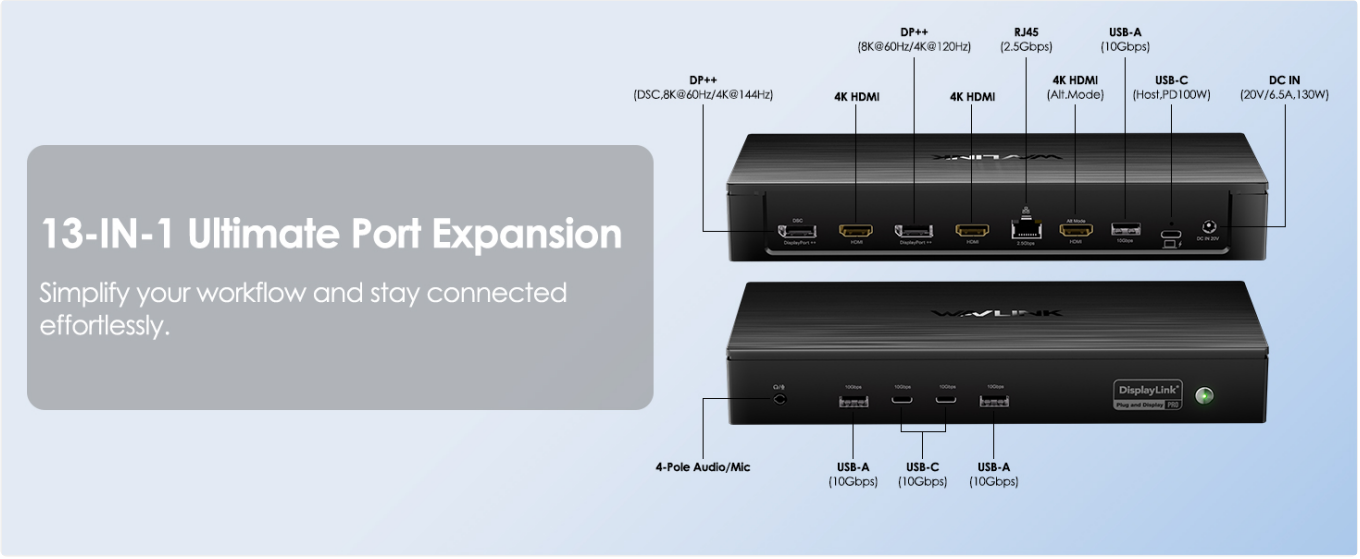


**Figure 5:** Illustration of Extend and Mirror modes for Windows and Mac OS.

This graphic visually explains how to configure display modes (Extend and Mirror) for both Windows and Mac OS systems when using the docking station, showing different screen arrangements.

## Power Delivery:

The docking station provides up to 100W Power Delivery to charge your connected laptop via the USB-C host port. Additionally, the front USB-C port offers 30W PD for charging other devices like smartphones or tablets.




**Figure 6:** Laptop charging via the docking station.

This image shows a laptop being charged by the WAVLINK docking station, illustrating the 100W Power Delivery capability and the connection setup.

## Data Transfer:

Utilize the 10Gbps USB-A and USB-C ports for rapid data transfer with external storage devices, ensuring quick access and management of large files.




**Figure 7:** High-speed data transfer capabilities.

This image highlights the high-speed data transfer capabilities of the docking station, showing various devices connected to its 10Gbps USB-A and USB-C ports for fast file transfers.

## Maintenance

Proper maintenance ensures the longevity and optimal performance of your docking station:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners or aerosols.
- **Ventilation:** Ensure the docking station is placed in a well-ventilated area to prevent overheating. Do not block the ventilation holes.
- **Cable Management:** Keep cables organized and untangled to prevent damage to ports and cables.
- **Software Updates:** Regularly check the DisplayLink website for the latest driver updates to ensure compatibility

and performance improvements.

## Troubleshooting

If you encounter issues with your WAVLINK Pro Docking Station, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| No display on external monitors. | Incorrect driver installation.<br>Laptop USB-C port does not support video output (DP Alt Mode).<br>Loose cable connections.<br>Insufficient RAM on laptop (less than 16GB). | Ensure DisplayLink driver is correctly installed and updated.<br>Verify your laptop's USB-C port supports DisplayPort Alt Mode.<br>Check all display cables and the USB-C host cable for secure connections.<br>Ensure your laptop has at least 16GB of RAM for optimal performance. |
| Laptop not charging. | Laptop USB-C port does not support Power Delivery.<br>Power adapter not properly connected. | Confirm your laptop's USB-C port supports PD.<br>Ensure the 160W power adapter is securely connected to the dock and a power outlet. |
| Slow data transfer speeds. | Using older USB standards (e.g., USB 2.0).<br>Faulty cable. | Ensure you are using 10Gbps compatible USB devices and cables.<br>Try a different USB cable. |
| Network connection issues. | Loose Ethernet cable.<br>Driver issue. | Check Ethernet cable connection.<br>Ensure network drivers are up to date. |

For further assistance, please contact WAVLINK customer support.

## Specifications

| Feature | Detail |
| --- | --- |
| Model Number | WL-UG75PD5 |
| Chipset | DisplayLink DL7400 |
| Video Outputs | 2x DisplayPort 1.4, 2x HDMI 2.0, 1x Alt Mode HDMI |
| Max Resolution | Dual 8K@60Hz or Quintuple 4K@60Hz |
| USB Ports | 2x USB-C (10Gbps), 3x USB-A (10Gbps) |
| Power Delivery (Host) | 100W via USB-C |
| Power Delivery (Device) | 30W via front USB-C |
| Ethernet | 2.5Gbps RJ45 |
| Audio | 4-pole Audio/Mic Jack |
| Card Reader | SD Card Slot (up to 312MB/s) |

| Feature | Detail |
| --- | --- |
| Power Adapter | 160W |
| Dimensions | 9.65 x 3.7 x 1.48 inches |
| Weight | 1.79 pounds |
| Compatibility | Windows 10/11, Mac OS 11.x-15.x and latest, Chrome OS, Ubuntu, Android, HarmonyOS |

## Warranty and Support

WAVLINK products typically come with a standard manufacturer's warranty. For specific warranty details and technical support, please visit the official WAVLINK website or contact their customer service directly.

- **WAVLINK Support:** www.wavlink.com/support (Placeholder, actual link might vary)
- **Email:** Contact@wavlink.com
- **Phone:** +1 8889730883 (UTC-5) Mon - Fri 9AM - 6PM

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