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> WAVLINK Pro Dual 4K@60Hz Universal Docking Station User Manual

WAVLINK 8541562306

WAVLINK Pro Dual 4K@60Hz Universal Docking Station User Manual

Model: 8541562306

1. INTRODUCTION

This user manual provides detailed instructions for the setup, operation, and maintenance of your WAVLINK Pro Dual 4K@60Hz Universal Docking Station. This docking station is designed to expand the connectivity of your laptop, offering multiple display outputs, USB ports, and network connectivity through a single USB-A or USB-C connection. It is compatible with both Mac and Windows systems.



Image: Front and rear view of the WAVLINK Pro Dual 4K@60Hz Universal Docking Station, showcasing its compact design and various ports.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product package. If any items are missing or damaged, please contact WAVLINK customer support.

- WAVLINK Universal Docking Station
- Power Adapter
- USB-C to USB-C Cable (1m)
- USB-A to USB-C Cable (1m)
- Product Manual
- Driver Guidance CD (or download link)

What's in the Box



Image: All components included in the WAVLINK docking station package: the docking station unit, power adapter, USB-C to USB-C cable, USB-A to USB-C cable, and the product manual.

3. KEY FEATURES

- **Universal Connectivity:** Compatible with USB-A or USB-C systems, including Thunderbolt and USB4 ports, eliminating the need for additional adapters.

COMPATIBLE WITH USB-A / USB-C

 USB-C to C Cable

 USB-C to A Cable



UNIVERSAL FOR MAC AND WINDOWS

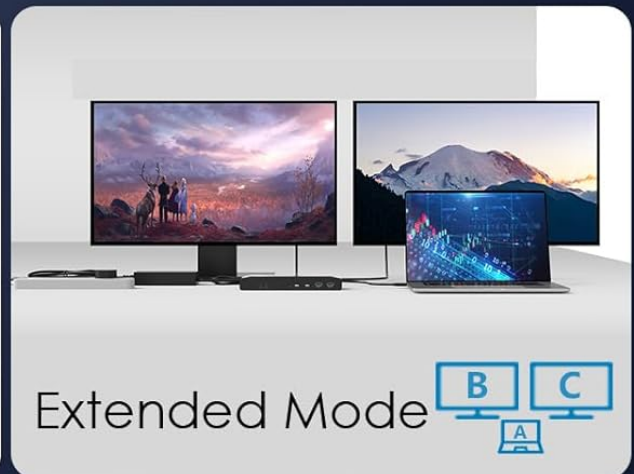
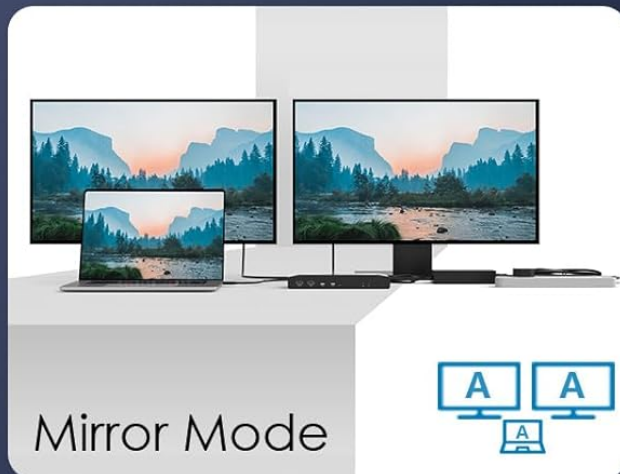


Image: Illustration of the docking station's universal compatibility, showing connections via USB-C to USB-C and USB-C to USB-A cables for various laptop types.

- **Dual 4K Monitor Support:** Equipped with dual HDMI 2.0 and DisplayPort 1.2 ports, supporting two 4K monitors at 3840x2160 @ 60Hz. Also supports lower resolutions like 2560x1440 and 1080p.

MORE EFFICIENT WITH DUAL 4K DISPLAYS

DisplayLink driver installation is required

DisplayLink

4K@60Hz
Dual Displays



Image: A laptop connected to two external 4K monitors through the docking station, demonstrating dual display capability.

- **Flexible Expandability:** Features two HDMI or DisplayPort video outputs, a wired Gigabit Ethernet port, a 3.5mm audio jack, and six USB 3.0 ports for comprehensive peripheral connectivity.

SUPER TRANSFER SPEED



3.5mm
Audio & Mic

RJ45 Ethernet
1000Mbps



USB 3.0
5Gbps

10X

Faster than USB2.0

USB 3.0

5Gbps

USB 2.0

480Mbps

Image: A close-up view of the docking station highlighting its USB 3.0 ports (5Gbps transfer speed) and Gigabit Ethernet port (1000Mbps), illustrating high-speed data transfer capabilities.

- **High-Speed Data Transfer:** USB 3.0 ports offer speeds up to 5Gbps, significantly faster than USB 2.0.
- **Gigabit Ethernet:** Provides a stable and fast wired network connection up to 1000Mbps.
- **Audio Connectivity:** Includes a 3.5mm audio jack for headphones or speakers.
- **Note on Laptop Charging:** This docking station does not support charging for your laptop.

4. COMPATIBILITY

The WAVLINK Universal Docking Station is designed for broad compatibility with various operating systems and devices.

4.1. Supported Operating Systems

- Windows 11, 10, 8.x, and 7
- Apple M1/M2/M3 and Intel Macs (macOS 10.14+)
- ChromeOS 100+
- *Note: Not compatible with Linux.*

4.2. Compatible Devices

The docking station works with a wide range of laptops and devices that support USB-A or USB-C connections. Examples include:

- Apple MacBook Pro/Air (M1/M2/M3/M4 and Intel Macs)
- Microsoft Surface line
- HP Spectre x360 series
- Dell XPS 13 & XPS 15 / Latitude
- Lenovo Thinkpad T series
- And many other laptops with USB 3.0 (Type-A or Type-C) ports.

Universal Compatibility

Systems



DisplayLink
Installation Guide



Please Must Download the DisplayLink Driver Before Using the Docking Station

Devices



Macbook Pro/Air
(M1/M2/Intel)



Lenovo Yoga C740
Lenovo Thinkpad T480



Dell XPS 15/13
Dell Latitude 5590



HP Spectre X2
HP ZBook 15 G3



Asus Zenbook S13 UX392
Asus X571GD



Microsoft Surface Go 2
Microsoft Surface Pro 7

Image: A visual representation of the docking station's broad compatibility with different operating systems (Mac OS, Windows, Chrome OS, Ubuntu, Harmony OS, Android) and various laptop brands and models.

5. SETUP GUIDE

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

- 1. Install DisplayLink Drivers:** Before connecting the docking station, it is crucial to download and install the latest DisplayLink drivers for your operating system.
 - Visit the official DisplayLink website ([synaptics.com/products/displaylink-usb-graphics/downloads](https://www.synaptics.com/products/displaylink-usb-graphics/downloads)) to download the appropriate driver for your Windows, macOS, or ChromeOS version.
 - Run the installer and follow the on-screen prompts to complete the installation. Restart your computer if prompted.
- 2. Connect Power:** Connect the provided power adapter to the DC 12V input port on the back of the docking station, then plug the adapter into a power outlet.
- 3. Connect to Laptop:** Use the included USB-C to USB-C cable or USB-A to USB-C cable to connect the docking

station to your laptop's available USB-C or USB 3.0 (Type-A) port.

4. **Connect Monitors:** Connect your external monitors to the HDMI or DisplayPort outputs on the docking station. You can use a combination of HDMI and DisplayPort cables.
5. **Connect Peripherals:** Plug in your USB devices (keyboard, mouse, external drives, etc.) into the USB 3.0 ports on the docking station.
6. **Connect Network (Optional):** For a wired network connection, connect an Ethernet cable from your router or modem to the RJ45 Gigabit Ethernet port on the docking station.
7. **Connect Audio (Optional):** Plug your headphones or speakers into the 3.5mm audio jack.

Once all connections are made and the DisplayLink drivers are installed, your operating system should detect the connected displays and peripherals.

6. OPERATING THE DOCKING STATION

6.1. Display Configuration

The docking station supports various display modes for your external monitors:

- **Extended Mode:** Each external monitor displays a separate desktop, extending your workspace. This is ideal for multitasking and productivity.

MORE EFFICIENT WITH DUAL 4K DISPLAYS

DisplayLink driver installation is required

DisplayLink

4K@60Hz
Dual Displays



Image: A laptop screen and two external monitors configured in extended display mode, showing different content on each screen.

- **Mirror Mode (Duplicate):** All external monitors display the same content as your primary laptop screen. This is useful for presentations.
- **Single Display 5K:** When using a single DisplayPort connection, the docking station can support resolutions up to 5120x1440 @ 60Hz.

SINGLE DISPLAY 5K@60Hz RESOLUTION

MAX UP TO 5120X1440@60Hz

DOCKING SUITABLE FOR DAILY OFFICE USE,
NOT RECOMMENDED FOR GAMING



DP 1.4

5120x1440@60Hz

Please download and install the DisplayLink driver
to ensure proper functionality.

Image: A laptop connected to a single large monitor displaying 5K resolution content, demonstrating the single 5K display capability.

To configure display settings, refer to your operating system's display settings:

- **Windows:** Right-click on the desktop and select "Display settings" or "Screen resolution".
- **macOS:** Go to System Settings (or System Preferences) > Displays.

6.2. USB Port Usage

The six USB 3.0 ports can be used for connecting various peripherals such as keyboards, mice, printers, external hard drives, and USB flash drives. These ports provide high-speed data transfer for efficient workflow.

7. MAINTENANCE

- Keep the docking station in a dry environment, away from direct sunlight and extreme temperatures.
- Clean the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure proper ventilation around the docking station to prevent overheating.
- Regularly check for and install updated DisplayLink drivers to ensure optimal performance and compatibility.

8. TROUBLESHOOTING

If you encounter issues with your WAVLINK docking station, refer to the following common solutions:

- **No Display Output:**
 - Ensure the DisplayLink drivers are correctly installed and updated. A common issue is not having the necessary drivers.
 - Verify that the docking station is properly powered and connected to your laptop.
 - Check all video cables (HDMI/DisplayPort) are securely connected to both the docking station and the monitors.
 - Try restarting your laptop and the docking station.
 - Confirm your monitor input source is set correctly (e.g., HDMI 1, DisplayPort).
- **USB Devices Not Recognized:**
 - Ensure the docking station is powered on and connected to your laptop.
 - Try connecting the USB device to a different port on the docking station.
 - Test the USB device by connecting it directly to your laptop to rule out device issues.
- **Network Connection Issues:**
 - Check the Ethernet cable connection between the docking station and your router/modem.
 - Verify network settings on your laptop.
 - Ensure the DisplayLink drivers are installed, as they also manage the network adapter functionality.
- **Performance Issues (Lagging, Glitching):**
 - Ensure your laptop meets the minimum system requirements for running multiple displays and the DisplayLink software.
 - Close unnecessary applications to free up system resources.
 - This docking station is recommended for networking and productivity software; it is not recommended for gaming, video playback, or 2D/3D graphics tools due to the nature of DisplayLink technology.
- **No Audio Output:**
 - Check your laptop's sound settings to ensure the WAVLINK docking station is selected as the default audio output device.
 - Verify that your headphones or speakers are properly connected to the 3.5mm audio jack.

9. SPECIFICATIONS

Model Number	8541562306
Product Dimensions	12.6 x 6.1 x 2.36 inches (32.0 x 15.5 x 6.0 cm)

Item Weight	8.8 ounces (249.5 grams)
Color	USB 3.0 & USB C Docking-Black
Hardware Interface	3.5mm Audio, DisplayPort, Ethernet, HDMI, USB 3.0 Type A, USB Docking Station
Total USB Ports	6 (USB 3.0)
Total HDMI Ports	2
Total DisplayPort	2
Ethernet Port	Gigabit RJ45
Max Resolution (Dual Display)	Dual 4K@60Hz (3840x2160)
Max Resolution (Single Display)	5K@60Hz (5120x1440) via DisplayPort
Wattage	45.00W (Power Adapter Output)
Manufacturer	WAVLINK
First Available Date	May 28, 2018

10. WARRANTY AND SUPPORT

10.1. Warranty Information

WAVLINK provides an 18-month worry-free warranty for this product. This warranty covers manufacturing defects and ensures product quality. Please retain your proof of purchase for warranty claims.

10.2. Technical Support

For technical assistance or any questions regarding your WAVLINK docking station, please contact our support team. WAVLINK is committed to providing high-quality products and services.

- **Email:** Contact@wavlink.com
- **Phone:** +1 8889730883 (UTC -5) Mon - Fri 9AM - 6PM
- You can also reach out via Amazon's messaging system if you purchased through Amazon.

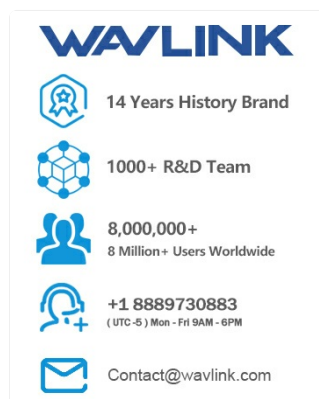


Image: WAVLINK contact details for customer support, including phone number and email address.



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