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› WAVLINK USB-C Dual 4K/5K Docking Station User Manual

WAVLINK WLAMJP2C-UG69PD2-PRO2

WAVLINK USB-C Dual 4K/5K Docking Station User Manual

Model: WLAMJP2C-UG69PD2-PRO2

INTRODUCTION

The WAVLINK USB-C Dual 4K/5K Docking Station is a versatile solution designed to expand the connectivity of your USB-C enabled laptop or desktop. It allows for multiple display outputs, high-speed data transfer, and power delivery, enhancing productivity and simplifying your workspace. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your docking station.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1x WAVLINK USB-C Docking Station
- 1x Type-C to Type-C Cable (with E-Mark chip)
- 1x USB-A to Type-C Cable
- 1x Driver CD
- 1x 130W Power Adapter
- 1x Instruction Manual



Image: WAVLINK USB-C Docking Station and its complete package contents, including cables, power adapter, and documentation.

SETUP GUIDE

1. Driver Installation

Before connecting the docking station, it is essential to install the DisplayLink driver. This driver enables the multi-display functionality of the docking station.

1. Visit the official DisplayLink website: <https://www.synaptics.com/products/displaylink-graphics/downloads>
2. Navigate to the 'Downloads' section and select your operating system (Windows or macOS).
3. Download the latest DisplayLink Manager software.
4. Run the installer and follow the on-screen prompts.
5. For macOS users: If a message regarding screen recording permissions appears, click 'Open System Settings' and enable 'DisplayLink Manager' under 'Screen Recording' in 'Privacy & Security'. You may need to enter your password to confirm changes.

Video: A step-by-step guide on how to install the DisplayLink driver on macOS, including navigating to the download page, running the installer, and adjusting privacy settings for screen recording.

2. Connecting the Docking Station

Once the driver is installed, proceed with the hardware connections:

1. Connect the 130W power adapter to the 'Power Input' port on the docking station and plug it into a power outlet.
2. Connect your host laptop to one of the 'USB-C IN' ports on the docking station using the provided Type-C to Type-C cable.
3. Connect your external monitors to the available HDMI or DisplayPort outputs on the docking station.
4. Connect your peripherals (keyboard, mouse, external drives, etc.) to the USB 3.0 or other available ports.
5. For wired network access, connect an Ethernet cable to the Gigabit Ethernet port.

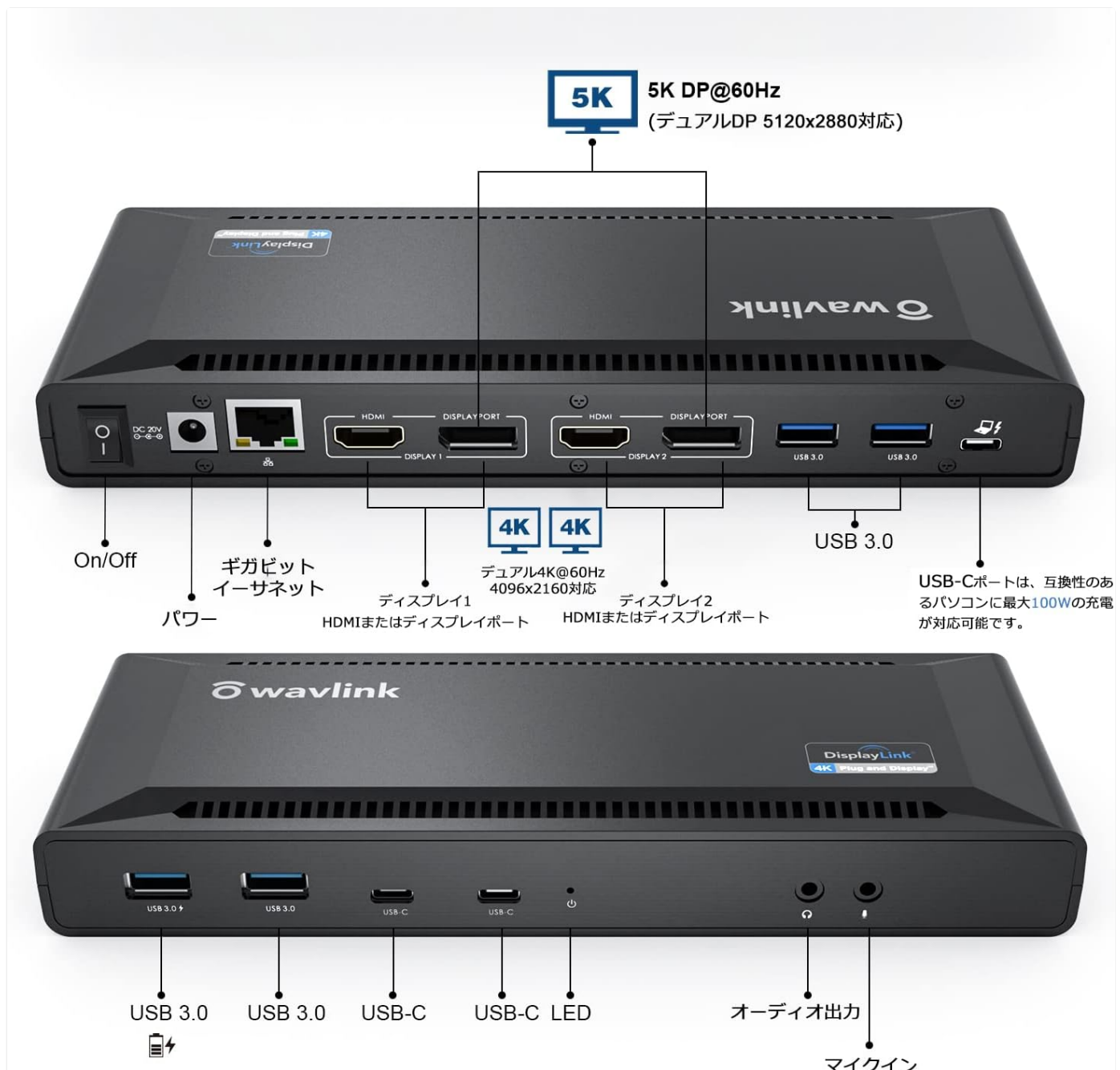


Image: A detailed diagram illustrating the various ports on the WAVLINK docking station, including power, Ethernet, HDMI, DisplayPort, USB 3.0, USB-C, audio out, and microphone in.

OPERATING THE DOCKING STATION

Display Modes

The docking station supports various display configurations:

- **Single 5K Display:** Connect a 5K monitor to both DisplayPort outputs simultaneously for a resolution of up to 5120x2880@60Hz.
- **Dual 4K Displays:** Connect two 4K monitors using any combination of HDMI and DisplayPort outputs for resolutions up to 4096x2160@60Hz.

You can configure your displays in either Mirror Mode or Extended Mode through your operating system's display settings.

ミラーモード



WindowsとMacOSでは
2つの外部の同じディスプレイ
の出力をサポートします。

DP/HDMI1 4096*2160@60Hz



DP/HDMI2 4096*2160@60Hz

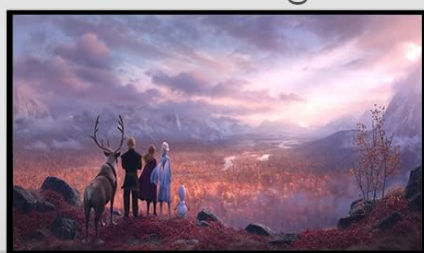


拡張モード



WindowsとMacOSでは
2つの外部の異なるディスプレー
の出力をサポートします。

DP/HDMI1 4096*2160@60Hz



DP/HDMI2 4096*2160@60Hz



Image: Illustration of Mirror Mode, where the laptop screen content is duplicated across two external monitors, supporting 4096x2160@60Hz.



Image: Illustration of Extended Mode, allowing the laptop screen and two external monitors to display different content, supporting 4096x2160@60Hz for each external display.

Port Functionality

The 14-in-1 docking station offers a wide array of ports:

- **USB 3.0 Ports (x3):** For connecting various USB devices such as keyboards, mice, and external storage.
- **DisplayPort (DP) Ports (x2):** For connecting DisplayPort enabled monitors.
- **HDMI Ports (x2):** For connecting HDMI enabled monitors.
- **Gigabit Ethernet Port (x1):** Provides a high-speed and stable wired internet connection (up to 1000Mbps).
- **USB 3.0 A Charging Port (x1):** Supports 7.5W output current for charging smartphones and other devices.
- **USB-C IN Ports (x2):** One for connecting to the host laptop, the other for additional USB-C device connectivity.
- **Power Input Port (x1):** For connecting the external power adapter.
- **Microphone Input Port (x1):** For connecting a microphone.
- **Audio Output Port (x1):** For connecting headphones or speakers.
- **Security Lock Support:** Allows for physical securing of the docking station.

高速USB3.0インターフェース

最大5Gbpsの伝送速度をサポート、
USBデバイスを遅滞なく接続します。



Uディスク



キーボード



マウス



ハードドライブ



フォン



iPad

— USB-A —

— USB-C —



Image: The docking station connected to a laptop, demonstrating the use of multiple USB 3.0 ports for various peripherals like U-disk, keyboard, mouse, hard drive, phone, and iPad.

Power Delivery (PD)

The USB-C charging port supports up to 100W Power Delivery to your upstream PC. The included 130W power adapter ensures sufficient power for both your laptop and connected peripherals, including hard drives and other accessories.

高速で安全な充電

「バッテリー低下の不安」を取り除く

100W



Image: The docking station connected to a laptop, illustrating its 100W Power Delivery capability, ensuring the host laptop is charged while connected.

Network Connectivity

The integrated Gigabit Ethernet port provides a stable and high-speed wired network connection, which is generally more reliable and faster than Wi-Fi for demanding tasks.

- **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.
- **Storage:** When not in use for extended periods, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.

- **Software Updates:** Regularly check the DisplayLink website (<https://www.synaptics.com/products/displaylink-graphics/downloads>) for the latest driver updates to ensure compatibility and performance improvements.

TROUBLESHOOTING

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

- **No Display Output:**
 - Ensure the DisplayLink driver is correctly installed and updated.
 - Verify all cables (USB-C to host, HDMI/DP to monitors) are securely connected.
 - Check your computer's display settings to ensure external monitors are detected and configured (extended or mirrored).
 - For macOS, confirm that 'DisplayLink Manager' has screen recording permissions enabled in 'Privacy & Security' settings.
 - Note: This product is not HDCP compliant.
- **Power Delivery Issues:**
 - Ensure the 130W power adapter is properly connected to the docking station and a working power outlet.
 - Verify your laptop supports USB-C Power Delivery.
- **Peripherals Not Recognized:**
 - Try connecting the peripheral to a different USB port on the docking station.
 - Ensure the peripheral's drivers (if any) are installed on your computer.
 - Restart your computer and the docking station.
- **Intermittent Connectivity:**
 - Ensure all cables are firmly seated.
 - Avoid placing the docking station near sources of strong electromagnetic interference.
 - Update DisplayLink drivers.

If problems persist, please refer to the FAQ section on the WAVLINK website or contact customer support.

SPECIFICATIONS

Brand	WAVLINK
Model Number	WLAMJP2C-UG69PD2-PRO2
Compatible Devices	Windows, Mac OS
Color	Black
Product Dimensions	8.3 x 22.3 x 2.7 cm
Item Weight	1.1 kg (1100 grams)
Power Delivery	Up to 100W
Display Outputs	2x HDMI, 2x DisplayPort
Max Resolution (Single)	5K (5120x2880@60Hz) via Dual DP
Max Resolution (Dual)	4K (4096x2160@60Hz) via HDMI/DP combinations
USB Ports	3x USB 3.0, 2x USB-C IN, 1x USB 3.0 A Charging
Network	1x Gigabit Ethernet (RJ45)

Audio	1x Microphone Input, 1x Audio Output
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WARRANTY AND SUPPORT

WAVLINK provides a 1-year warranty for this product. Registered members may receive a 6-month warranty extension. We are committed to providing friendly customer service and technical support for the lifetime of the product.

For further assistance, please refer to the Frequently Asked Questions (FAQ) section on our official website or contact our support team directly.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question