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WAVLINK WL-UMD007

WAVLINK Adjustable Aluminum Laptop Stand with USB C Dock User Manual

Model: WL-UMD007

Introduction

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your WAVLINK Adjustable Aluminum Laptop Stand with USB C Dock. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize its benefits.

Product Overview

The WAVLINK Adjustable Aluminum Laptop Stand with USB C Dock is designed to enhance your workspace ergonomics and expand your laptop's connectivity. It features an adjustable stand for optimal viewing angles and an integrated USB-C docking station with multiple ports.



Figure 1: Product Features and Ports

This diagram illustrates the key components and connection ports of the laptop stand with integrated USB-C dock. It highlights the SD Card Slot, TF Card Slot, Dual USB 3.0 Ports, Gigabit Ethernet Port, Dual HDMI Ports, USB-C Host connection, and USB-C Power Input.

Key Features:

- **Adjustable Ergonomic Design:** Elevates your laptop to reduce neck and shoulder strain.
- **Integrated USB-C Dock:** Expands connectivity through a single USB-C connection.
- **Dual HDMI Outputs:** Supports up to 4K@60Hz for external displays.
- **Power Delivery (PD 3.0):** Provides up to 85W power to your laptop.
- **Gigabit Ethernet:** Ensures stable and fast wired network connection.
- **USB 3.0 Ports:** Two ports for high-speed data transfer up to 5Gbps.
- **SD/TF Card Readers:** For convenient data transfer from memory cards.
- **Aluminum Construction:** Durable and aids in heat dissipation.
- **Foldable and Portable:** Easy to transport for on-the-go use.

Setup Instructions

1. **Unpack the Device:** Carefully remove the laptop stand and all accessories from the packaging.
2. **Unfold the Stand:** Gently unfold the stand to its desired position. The stand features adjustable hinges.
3. **Adjusting the Stand:** Use the included hex wrench to adjust the tightness of the hinges if needed, ensuring stability at your preferred angle.



Figure 2: Adjusting the Stand Angle
The stand's hinges allow for 180-degree adjustment. A hex wrench is provided to secure the desired angle and prevent loosening over time. Ensure the laptop is removed before adjusting for stability.

4. **Place Your Laptop:** Position your laptop on the stand. Ensure it is securely seated on the silicone pads to prevent slipping and scratching.
5. **Connect to Laptop:** Connect the integrated USB-C host cable from the stand's dock to a compatible USB-C port on your laptop. Ensure your laptop's USB-C port supports Power Delivery, DisplayPort Alt Mode, and data transfer for full functionality.
6. **Connect Power Adapter (Optional but Recommended):** For stable operation and power delivery to your laptop, connect a 100W USB-C power adapter (not included) to the "POWER" input port on the dock. This port provides up to 85W to your laptop.
7. **Connect Peripherals:** Connect your external monitors to the HDMI ports, Ethernet cable to the RJ45 port, and

other USB devices or memory cards to the respective ports on the dock.

Operating Instructions

Display Output Configuration:

The dock supports dual HDMI outputs for extending or mirroring your laptop's display. The maximum resolution is 4K@60Hz per display.



Figure 3: Multiple Display Modes

This image demonstrates various display configurations: Mirror Mode (all screens show the same content), Non-Mirror Mode (laptop screen and one external screen show different content, the other external screen mirrors one of them), and Extend Mode (all screens show different content). Compatibility notes for Windows and macOS are included.

- **Windows Systems:** Supports Mirror Mode, Non-Mirror Mode, and Extend Mode across multiple external displays.
- **macOS Systems:** Supports Mirror Mode and Non-Mirror Mode. macOS does not support different content on two external monitors (Extend Mode with distinct content on both external displays). One external monitor will extend, while the other will mirror the extended display.
- **4K@60Hz Output:** To achieve dual 4K@60Hz, your laptop's USB-C port must support DisplayPort 1.4 (DP1.4) and Display Stream Compression (DSC). Otherwise, the dock will support dual 1080P@60Hz. Consult your PC manufacturer for compatibility.

Power Delivery:

The USB-C PD 3.0 port provides up to 85W of power to charge your connected laptop. Ensure a 100W power adapter is connected to the dock's power input port for optimal charging performance.



Figure 4: Power Delivery Functionality

This image demonstrates the laptop receiving 85W of power through the USB-C dock, allowing simultaneous charging while the laptop is in use on the stand.

Data Transfer and Network:

- **USB 3.0 Ports:** Connect USB devices such as external hard drives, keyboards, or mice. These ports support data transfer speeds up to 5Gbps.
- **Gigabit Ethernet Port:** Connect an Ethernet cable for a stable and high-speed wired network connection, supporting speeds up to 1Gbps.
- **SD/TF Card Slots:** Insert SD or Micro SD cards for fast data transfer, with speeds up to 104MB/s. Both slots can be used simultaneously.



Figure 5: High-Speed Data and Network Connectivity

This image illustrates the dock's capabilities for fast data transfer via USB 3.0 (5Gbps) and SD/TF card slots (104MB/s), as well as reliable Gigabit Ethernet (1Gbps) connectivity.

Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the stand and dock. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, the stand can be folded for compact storage. Store in a cool, dry place away from direct sunlight.
- **Hinge Tightness:** Periodically check the tightness of the stand's hinges. If they become loose, use the provided hex wrench to tighten them to maintain stability.
- **Silicone Pads:** Ensure the silicone pads are clean and free of debris to maintain optimal grip and protect your laptop from scratches.



Figure 6: Anti-Skid Silicone Cushions

The stand features anti-skid silicone cushions on the surface and a protective lip to secure the laptop and prevent scratches or sliding during use.

Troubleshooting

Common Issues and Solutions:

1. **No Display Output or Incorrect Resolution:**
    - Ensure your laptop's USB-C port supports DisplayPort Alt Mode.
    - Verify that the HDMI cables are securely connected to both the dock and the external monitor.
    - Check your laptop's display settings to ensure the external monitor is detected and configured correctly (extend, mirror).
    - For dual 4K@60Hz, confirm your laptop's USB-C port supports DP1.4 and DSC. If not, the output will be limited to dual 1080P@60Hz.
    - **macOS Specific:** Remember that macOS does not support different content on two external monitors. One

will extend, the other will mirror.

2. **"Slow Charging" Message on Laptop:**
    - This can occur with some laptops, especially those with Thunderbolt 3 ports and high-wattage external DC power adapters, due to protection protocols.
    - Ensure a 100W power adapter is connected to the dock's "POWER" input port.
    - Try using your laptop's original power adapter to charge directly if the issue persists.
3. **USB Devices Not Detected or Working:**
    - Ensure the USB-C host cable from the dock is firmly connected to your laptop.
    - Verify your laptop's USB-C port supports data transfer.
    - Try connecting the USB device directly to your laptop to confirm it functions independently.
    - For older operating systems, a driver may be required. Check the WAVLINK support website for driver downloads.
4. **Ethernet Connection Issues:**
    - Ensure the Ethernet cable is securely connected to both the dock and your router/modem.
    - Check your network settings on your laptop.
    - Verify that your laptop's USB-C port supports data transfer.
5. **Stand Stability Issues:**
    - If the stand feels loose, use the provided hex wrench to tighten the hinge screws.
    - Ensure the laptop is removed from the stand before adjusting the angle for better stability.
    - This stand is not recommended for thick gaming laptops or workstations due to potential weight and size constraints.

SPECIFICATIONS

Feature	Detail
Model	WL-UMD007
Material	Aluminum
Product Dimensions	241 x 201 x 29 mm (9.5 x 7.9 x 1.1 inches)
Item Weight	972g (2.14 lbs)
Adjustable Degree	0° - 180°
HDMI Ports	2x HDMI (up to 4K@60Hz)
USB-C Power Input	Up to 100W (for dock power)
USB-C Power Output (PD)	Up to 85W (to laptop)
Ethernet Port	1x Gigabit Ethernet (up to 1 Gbps)
USB 3.0 Ports	2x USB 3.0 (up to 5 Gbps)

Feature	Detail
SD Card Reader	1x SD Card Reader (max 104 MB/s)
Micro SD Card Reader	1x Micro SD Card Reader (max 104 MB/s)
Compatible Laptop Sizes	10-17 inches (not recommended for thick gaming laptops/workstations)
Compatible Operating Systems	Windows 7/8/10/11, macOS 10.11 or later, Chrome OS, Linux, iPad OS, Android



Figure 7: Product Dimensions and Compatibility

This image provides the physical dimensions of the stand and lists its wide compatibility with various operating systems and memory card formats.

Warranty and Support

WAVLINK is committed to providing reliable products and excellent customer service. For any technical assistance,

warranty claims, or product inquiries, please contact our support team.

- **Customer Service Email:** Contact@wavlink.com
- **Customer Service Phone:** +1 8889730883 (UTC -5) Mon - Fri 9AM - 6PM
- **Warranty Information:** WAVLINK offers after-sales service to ensure customer satisfaction. Specific warranty terms may vary; please refer to your purchase documentation or contact customer support for details.

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