

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [MOKiN](#) /
- › [MOKiN Thunderbolt 4 Dock \(Model MODK1903\) Instruction Manual](#)

MOKiN MODK1903

MOKiN Thunderbolt 4 Dock (Model MODK1903) Instruction Manual

Comprehensive guide for setup, operation, and maintenance.

1. PRODUCT OVERVIEW

The MOKiN Thunderbolt 4 Dock (Model MODK1903) is a versatile docking station designed to expand the connectivity of your laptop. It features multiple high-speed ports, advanced display capabilities, and power delivery for efficient workflow management.



Image 1: Front and rear view of the MOKiN Thunderbolt 4 Dock, highlighting all available ports and their labels.

2. KEY FEATURES AND PORTS

The MOKiN Thunderbolt 4 Dock offers a comprehensive set of ports to enhance your computing experience:

- **Thunderbolt 4 Host Port:** Up to 40 Gbp/s data transfer, provides up to 85W power delivery to the host computer.
- **Thunderbolt 4 Device Ports (x3):** Up to 40 Gbp/s data transfer, provides 15W power delivery for external drives and other devices.
- **USB-A 3.1 Ports (x2):** 10Gbps data transfer speed.
- **USB-C 2.0 Port (x1):** Supports 30W Power Delivery and 480Mbps data transfer.
- **2.5GbE Ethernet Port (x1):** Provides high-speed wired network connectivity, 2.5 times faster than 1Gbps, compatible with 1Gbps routers and switches.
- **3.5mm Audio Ports (x1):** For audio input (microphone) and output (headphones).
- **SD/Micro SD UHS-II Card Reader (x1):** Supports SD4.0 with up to 250MB/s transfer speed, allows simultaneous use of both card slots.
- **DC Power Input:** 150W DC power adapter for dock operation and laptop charging.

- **Security Lock Slot:** For physical security of the dock.
- **Power Switch:** To turn the dock on/off.

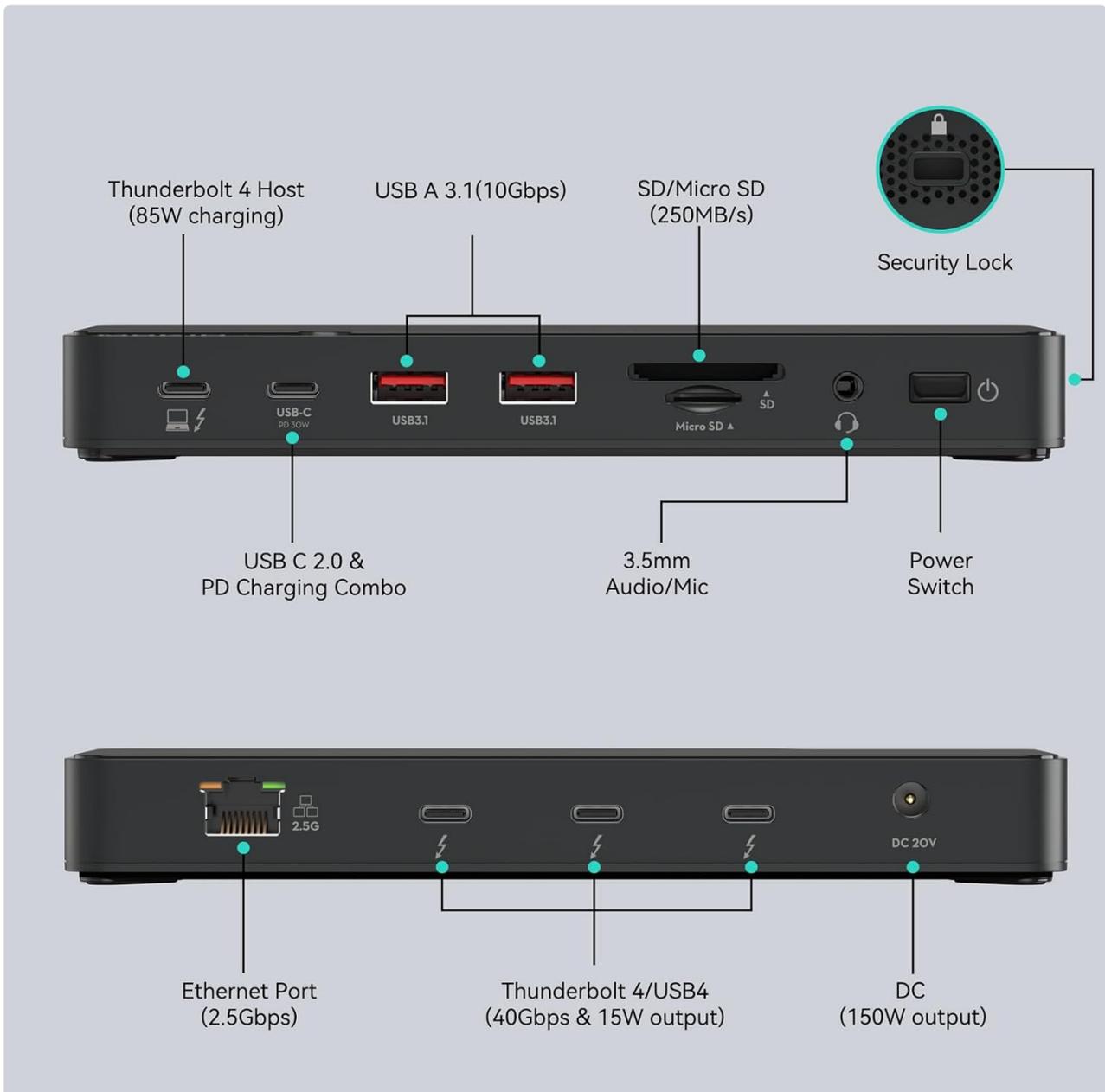


Image 2: Detailed view of the MOKiN Thunderbolt 4 Dock's front and rear ports with their respective labels and functions.

3. SETUP AND INSTALLATION

1. **Connect Power:** Connect the 150W DC Power adapter to the DC Power Input port on the dock and then to a power outlet.
2. **Connect to Host Laptop:** Use the provided 2.62ft Thunderbolt 4 cable to connect the Thunderbolt 4 Host port (85W charging) on the dock to a Thunderbolt 4 port on your laptop.
3. **Connect Displays:**
 - For a single 8K@30Hz display, connect it to one of the Thunderbolt 4 device ports using a compatible cable.
 - For dual 4K@60Hz displays, connect them to two separate Thunderbolt 4 device ports using compatible cables.
 - For triple 4K displays (Thunderbolt Port Triple Display), connect each display to a separate Thunderbolt 4 device port.

Note: Dual-screen mode is only available on computers with Intel processors and MacBook models with M1 Pro/Max, M2 Pro/Max, or M3

Pro/Max chips. M1/M2/M3 MacBook Air series only connect one external display.

4. **Connect Peripherals:** Connect your USB-A, USB-C, Ethernet, audio devices, and SD/Micro SD cards to their respective ports on the dock.
5. **Power On:** Press the power switch on the dock to turn it on.



Image 3: The MOKiN Thunderbolt 4 Dock connected to a laptop, external hard drive, and other peripherals, demonstrating its multi-port functionality.

Your browser does not support the video tag.

Video 1: An overview of the MOKiN Thunderbolt 4 Dock, demonstrating its features and connectivity options. This video is provided by the seller.

4. OPERATING INSTRUCTIONS

4.1 Display Configuration

The dock supports various display configurations depending on your host system:

- **Single Display:** Up to 8K@30Hz resolution.
- **Dual Displays:** Up to dual 4K@60Hz resolution.

- **Triple Displays:** Supports triple different 4K displays simultaneously.

The dock supports extended mode (ABC), allowing you to use different screens to expand your workspace.

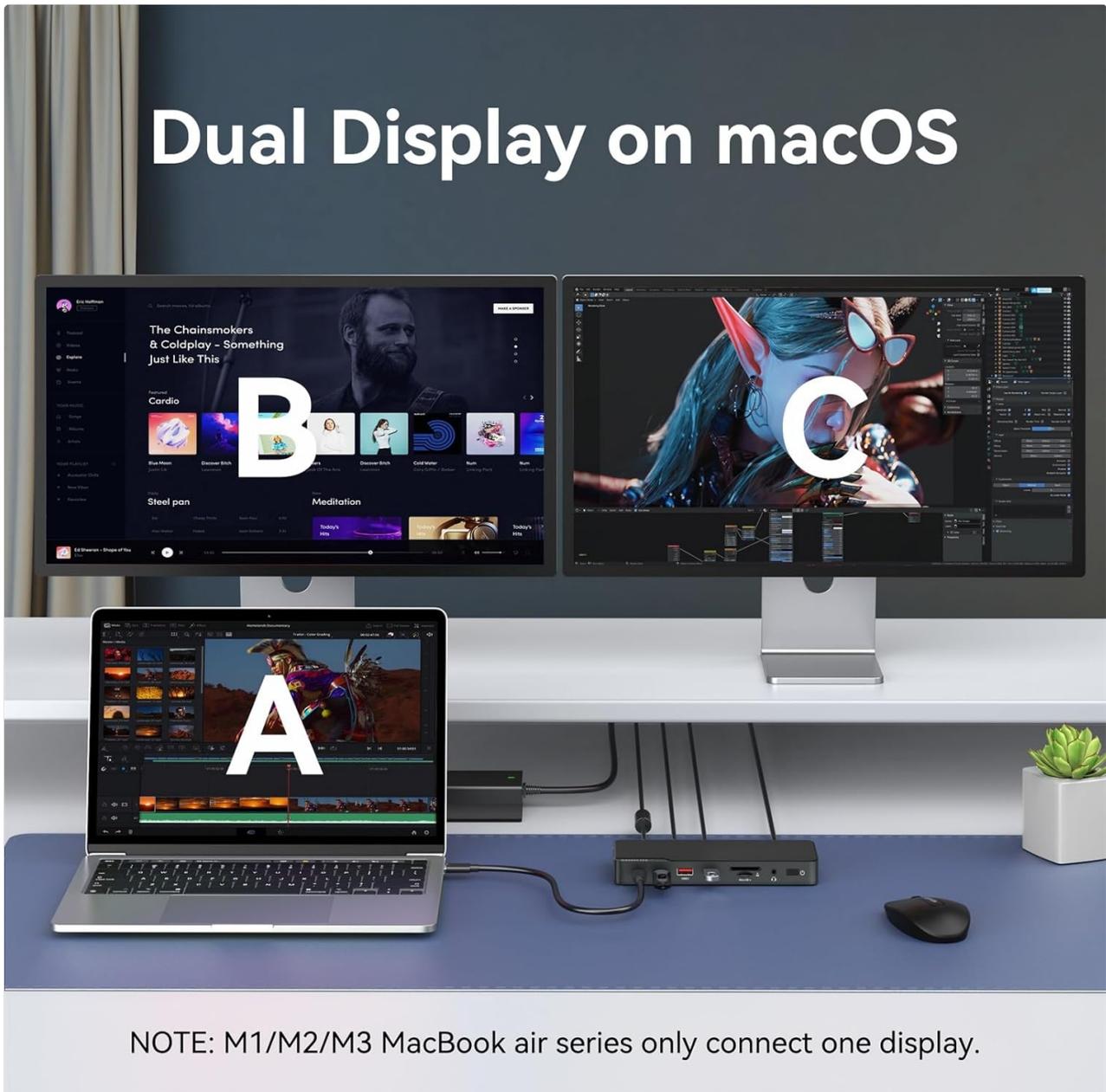


Image 4: A MacBook connected to the MOKiN Thunderbolt 4 Dock, displaying content across two external monitors in extended mode on macOS.

4.2 Power Delivery

The dock provides efficient power management:

- **Host Charging:** The Thunderbolt 4 host port delivers up to 85W of power to your connected laptop.
- **Device Charging:** The Thunderbolt 4 device ports provide 15W of power, suitable for charging peripherals like external SSDs.
- **USB-C PD Charging:** The USB-C 2.0 port supports 30W Power Delivery for charging compatible devices.

A single cable connection to your laptop will charge your device and provide all necessary connectivity.

Powerful Charging for Multiple Devices

One for All



85W
for laptop



30W

PD for iPhone/iPad/
Powerbank/Android Cellphone



15W

Earpods/iWatch



Image 5: The MOKiN Thunderbolt 4 Dock simultaneously charging a laptop (85W), a smartphone (30W PD), and earbuds/smartwatch (15W), illustrating its universal charging capabilities.

5. SPECIFICATIONS

Feature	Specification
Model Number	MODK1903
Host Connection	Thunderbolt 4 (up to 40 Gbp/s, 85W PD)
Downstream Thunderbolt 4 Ports	3x (40 Gbp/s, 15W PD each)
USB-A Ports	2x USB-A 3.1 (10Gbps)
USB-C Ports	1x USB-C 2.0 (30W PD, 480Mbps)
Ethernet	2.5GbE (2.5 Gigabit Ethernet)

Audio	1x 3.5mm Audio/Mic port
Card Reader	SD/Micro SD UHS-II (250MB/s)
Max Display Resolution (Single)	8K@30Hz
Max Display Resolution (Dual/Triple)	4K@60Hz
Power Adapter	150W DC Power Adapter
Dimensions	9.92 x 6.18 x 2.05 inches
Item Weight	1.81 pounds

6. TROUBLESHOOTING

6.1 Display Issues

- **No Display/Incorrect Resolution:**
 - Ensure all display cables are securely connected to both the dock and the monitors.
 - Verify that your laptop and monitors support the desired resolutions and refresh rates.
 - Check your laptop's display settings to ensure external monitors are detected and configured correctly (e.g., extended mode).
 - For MacBooks, note that M1/M2/M3 MacBook Air series only support one external display. Dual-screen mode is available for Intel processors and M1 Pro/Max, M2 Pro/Max, or M3 Pro/Max chips.

6.2 Power Delivery Issues

- **Laptop Not Charging:**
 - Ensure the 150W DC Power adapter is correctly connected to the dock and a working power outlet.
 - Verify the Thunderbolt 4 cable is connected to the Thunderbolt 4 Host port on the dock and a compatible Thunderbolt 4 port on your laptop.
 - Check if your laptop supports charging via Thunderbolt 4 and the required wattage (up to 85W).

6.3 Connectivity Issues

- **Peripherals Not Detected:**
 - Ensure the dock is powered on.
 - Try connecting the peripheral to a different port on the dock.
 - Ensure the peripheral's drivers are up to date on your host laptop.
- **Slow Data Transfer:**
 - Verify that your devices and cables support the advertised speeds (e.g., 10Gbps for USB-A 3.1, 40Gbps for Thunderbolt 4).
 - Ensure you are using high-quality, certified cables.

7. WARRANTY AND SUPPORT

The MOKiN Thunderbolt 4 USB C Docking Station (Model MODK1903) is covered by a **2-year labor warranty**.

For technical support or warranty claims, please refer to the contact information provided in your User Guide or visit the official MOKiN website.