Lemorele TC91

Lemorele 10-in-1 USB C Docking Station User Manual

Model: TC91
Brand: Lemorele

1. Introduction

Thank you for choosing the Lemorele 10-in-1 USB C Docking Station. This versatile hub is designed to expand the connectivity of your USB-C or Thunderbolt 3 enabled laptop, providing a comprehensive solution for your peripheral needs. It allows you to connect multiple displays, transfer data at high speeds, and charge your device simultaneously.



This image displays the Lemorele 10-in-1 USB C Docking Station, showcasing its compact design and the variety of ports available, including HDMI, USB-A, USB-C, and card reader slots, with various compatible devices like USB flash drives and SD cards.

2. Key Features

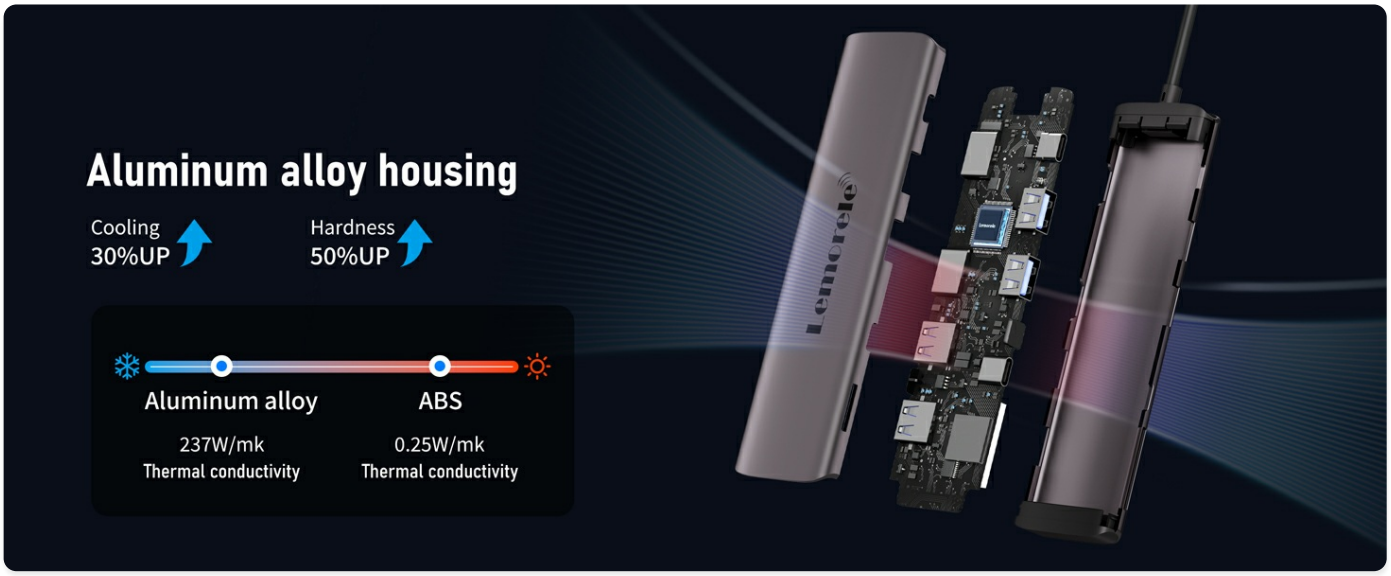
The Lemorele 10-in-1 USB C Docking Station offers a wide array of features to enhance your productivity:

- **10-in-1 Connectivity:** Transforms a single USB-C port into 10 essential ports.
- **Dual 4K HDMI Outputs:** Supports resolutions up to 3840*2160@30Hz for extended or mirrored displays.
- **High-Speed USB Data Transfer:** Includes 3x USB 3.0 ports (5Gbps) and 1x USB 2.0 port (480Mbps).
- **USB-C Data Port:** Dedicated USB-C port for data transfer (5Gbps).
- **100W Power Delivery (PD):** Charges your host device up to 95W (5W consumed by hub).
- **SD/TF Card Reader:** Access files from SD and Micro SD cards simultaneously, supporting up to 2TB.
- **Plug-and-Play:** No drivers or software required for installation.

- **Efficient Heat Dissipation:** Constructed with aluminum alloy for superior cooling.
- **Portable Design:** Compact size (5.5 x 1.6 x 0.5 inches) for easy transport.
- **Built-in Safety Protections:** Features intelligent microchip with safeguards against overcurrent, over-voltage, short circuit, and high temperature.



This diagram illustrates the comprehensive port layout of the Lemorele 10-in-1 USB C Hub, detailing each port's function and performance specifications.



This image highlights the aluminum alloy construction of the docking station, emphasizing its superior thermal conductivity for efficient heat dissipation and increased durability.



This image provides an internal view of the docking station, highlighting its built-in safety protections against overheating, overcurrent, overvoltage, short circuits, and physical shock.

3. Specifications

Attribute	Value
Model Number	TC91
Product Dimensions	5.47 x 1.59 x 0.45 inches
Item Weight	1.13 ounces
Color	Dark Sky Gray
Hardware Interface	HDMI, USB 3.0, USB 2.0, USB-C, SD, TF
Special Features	Fast Charging, Fast Data Transfer, Heat Resistant, Lightweight, Plug and Play
Compatible Devices	Laptops with a fully functional (support charging, data transfer and video output) USB-C port or Thunderbolt 3 port

4. Setup Guide

Setting up your Lemorele 10-in-1 USB C Docking Station is straightforward due to its plug-and-play design. Follow these steps to get started:

1. **Connect to Host Device:** Plug the integrated USB-C cable of the docking station into a fully functional USB-C or Thunderbolt 3 port on your laptop.
2. **Connect Power (Optional but Recommended):** For optimal performance and to charge your laptop, connect your laptop's original USB-C power adapter to the PD (Power Delivery) port on the docking station. The hub supports up to 100W power input.
3. **Connect External Displays:** Use HDMI cables to connect your monitors to the HDMI ports on the docking station. Ensure your HDMI cables are capable of supporting 4K resolution if you intend to use 4K displays.
4. **Connect USB Peripherals:** Plug your USB devices such as keyboards, mice, external hard drives, or USB flash drives into the available USB 3.0 or USB 2.0 ports.
5. **Insert SD/TF Cards:** If needed, insert your SD or Micro SD cards into the corresponding slots.

Your operating system should automatically detect the connected devices and displays. You may need to adjust display settings in your computer's system preferences.

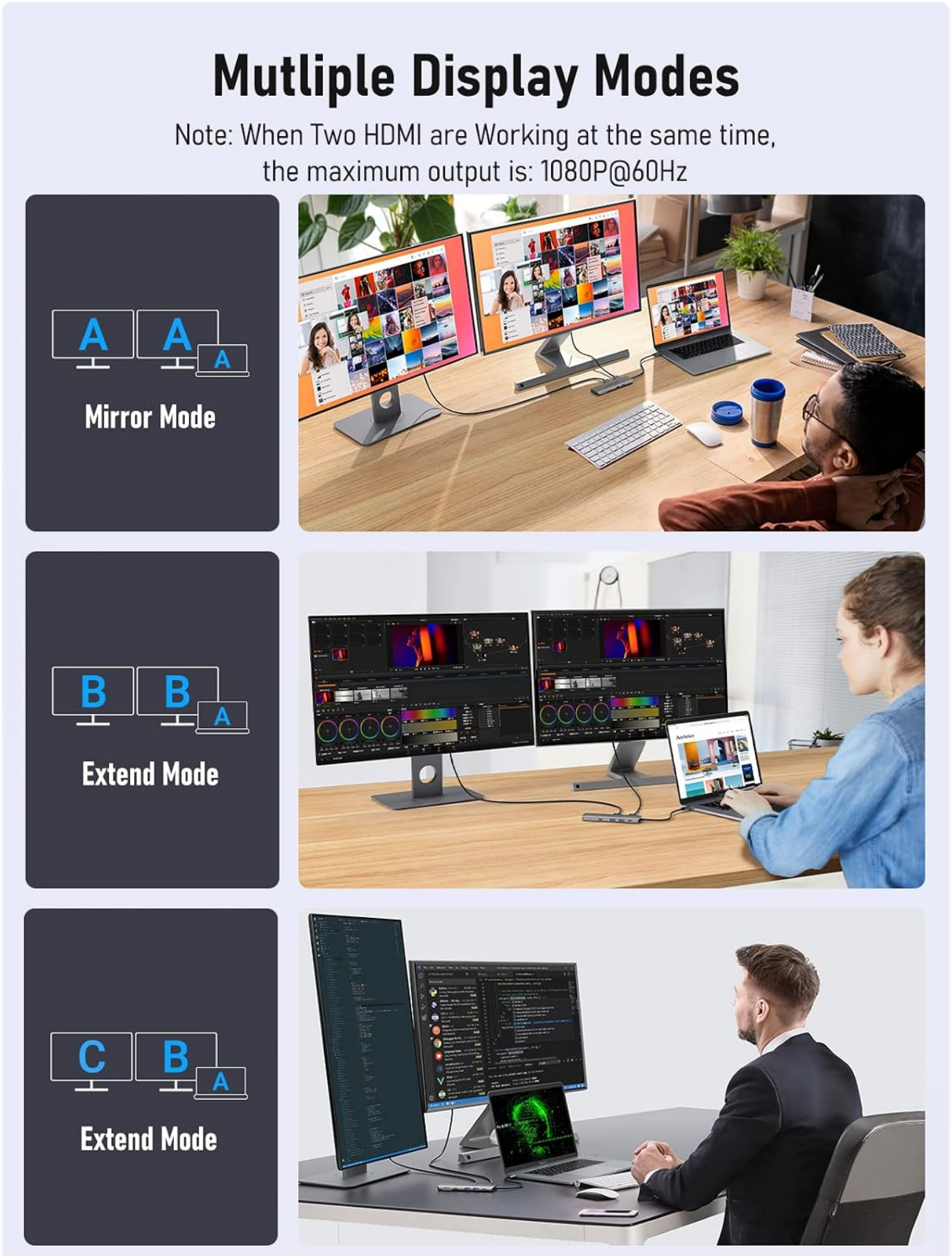
5. Operating Instructions

5.1 Display Modes

The docking station supports various display configurations for both Windows and macOS. Note that when two HDMI ports are used simultaneously, the maximum output resolution is 1080P@60Hz.

Windows Display Modes:

- **Mirror Mode (SST):** Displays the same content on all connected screens (laptop and external monitors).
- **Extend Mode (MST):** Allows you to extend your desktop across multiple screens, providing more workspace. You can have different content on each monitor (e.g., A to B+B or A to B+C).



This image demonstrates the various display modes supported by the docking station on Windows operating systems.

macOS Display Modes:

Due to macOS limitations, only SST (Single Stream Transport) mode is supported for multiple external displays. This means:

- **Mirror Mode (AAA):** All connected displays will mirror the content of your primary display.
- **Extend Mode (ABB):** Your laptop display will show one content (A), and all external monitors will show the same extended content (B). You cannot have independent extended displays (e.g., A to B+C).



This image illustrates the display configurations available for macOS users, showing both Mirror Mode and Extended Mode.

5.2 Data Transfer

The docking station provides multiple USB ports and card readers for efficient data management:

- **USB 3.0 Ports:** Offers high-speed data transfer up to 5Gbps, ideal for external hard drives, SSDs, and large file transfers.
- **USB 2.0 Port:** Suitable for connecting peripherals like keyboards, mice, or other devices where high speed is not critical, minimizing potential interference with 2.4GHz wireless devices.
- **USB-C Data Port:** Provides an additional USB-C port for data transfer at 5Gbps, compatible with USB-C flash drives or other USB-C devices.
- **SD/TF Card Reader:** Allows quick access to photos and videos from your camera's memory cards. Both SD and Micro SD slots can be used simultaneously.



This graphic visually compares the data transfer speeds of USB 3.0 and USB 2.0, emphasizing that USB 3.0 is significantly faster.



This image illustrates the docking station's ability to read SD and Micro SD cards simultaneously, supporting capacities up to 2TB.

5.3 Power Delivery

The dedicated USB-C PD port supports Power Delivery 3.0 protocol, allowing you to charge your laptop while using the docking station. Connect your laptop's original power adapter to this port. The hub itself consumes approximately 5W of

power, so if you connect a 100W adapter, your laptop will receive up to 95W of charging power.



This image shows the Lemorele docking station connected to a laptop and a power adapter, demonstrating its 100W Power Delivery capability.

6. Maintenance and Care

To ensure the longevity and optimal performance of your Lemorele 10-in-1 USB C Docking Station, please follow these maintenance guidelines:

- **Keep Dry:** Avoid exposing the device to water, moisture, or high humidity.
- **Clean Gently:** Use a soft, dry cloth to clean the surface of the docking station. Do not use liquid cleaners or aerosols.
- **Avoid Extreme Temperatures:** Do not operate or store the device in extremely hot or cold environments.
- **Handle with Care:** Avoid dropping or subjecting the device to strong impacts.
- **Proper Storage:** When not in use for extended periods, store the docking station in a cool, dry place away from direct sunlight.

7. Troubleshooting

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

- **No Display Output:**
  - Ensure your laptop's USB-C port supports video output (DisplayPort Alternate Mode).
  - Check all cable connections (USB-C to laptop, HDMI to monitor).
  - Try a different HDMI cable or monitor.
  - Restart your laptop.
  - Update your graphics drivers.
- **No Power Delivery/Charging:**
  - Ensure your laptop's USB-C port supports Power Delivery.
  - Verify that your power adapter is connected to the PD port on the docking station and is functioning correctly.
  - Check if your power adapter provides sufficient wattage for your laptop and the hub (minimum 60W recommended for most laptops, 100W for optimal performance).
- **USB Devices Not Recognized or Slow Data Transfer:**
  - Ensure the USB device is properly connected.
  - Try connecting the device to a different USB port on the hub or directly to your laptop.
  - For external hard drives, ensure they have sufficient power.
  - If using a 2.4GHz wireless device, try connecting it to the USB 2.0 port to avoid interference.
- **SD/TF Card Not Reading:**
  - Ensure the card is inserted correctly and fully.
  - Try a different SD/TF card.
  - Check if the card is locked (read-only switch).
- **Hub Overheating:**
  - While the aluminum casing is designed for heat dissipation, ensure adequate airflow around the hub.

- Reduce the number of high-power devices connected simultaneously if possible.

If the issue persists after trying these steps, please contact Lemorele customer support for further assistance.

8. Warranty and Support

Lemorele products are manufactured with high-quality standards and undergo rigorous testing. For specific warranty information regarding your Lemorele 10-in-1 USB C Docking Station, please refer to the warranty card included with your purchase or visit the official Lemorele website.

For technical support, troubleshooting assistance, or any inquiries about your product, please contact Lemorele customer service through their official channels. Details can typically be found on the product packaging or the brand's website.

We are committed to providing excellent customer service and support for our products.

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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

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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