Lemorele TC91

Lemorele 10-in-1 USB C Hub Instruction Manual

Model: TC91

Brand: Lemorele

1. Product Overview

The Lemorele 10-in-1 USB C Hub is a versatile docking station designed to expand the connectivity of your USB-C enabled laptop, desktop, or other compatible devices. It provides a comprehensive solution for connecting multiple peripherals, external displays, and charging your device simultaneously.



Image: The Lemorele 10-in-1 USB C Hub, showcasing its compact design and multiple connectivity options including USB ports, HDMI ports, and card reader slots, along with connected peripherals like USB drives and memory cards.

Key Features:

- **Dual HDMI Output:** Supports up to 4K@30Hz for single display and 1080p@60Hz for dual displays.
- **Multiple USB Ports:** Includes 3x USB 3.0 ports (5Gbps) and 1x USB 2.0 port (480Mbps) for various peripherals.
- **USB-C Data Port:** Dedicated USB-C port for 5Gbps data transfer.
- **100W Power Delivery (PD):** Provides up to 95W of power to charge your host device.
- **SD/TF Card Readers:** Supports simultaneous reading of SD and TF cards with speeds up to 20MB/s and capacities up to 2TB.
- **Durable Aluminum Casing:** Designed for efficient heat dissipation and portability.

2. Setup Guide

Package Contents:

- 1 x Lemorele 10-in-1 USB C Hub
- Instruction Manual (this document)

System Requirements:

- Host device with a full-featured USB-C port (supporting DisplayPort Alternate Mode and Power Delivery).
- Operating Systems: Windows, Mac OS, Linux, Android.
- Compatible Devices: Laptops, desktops, tablets, and smartphones with USB-C connectivity.

Initial Connection:

1. Connect the USB-C cable of the hub to the USB-C port on your host device.
2. For power delivery, connect your original USB-C power adapter to the PD port on the hub.
3. Connect your desired peripherals (monitors, USB drives, keyboard, mouse, etc.) to the corresponding ports on the hub.

The Lemorele 10-in-1 USB C Hub is designed for plug-and-play functionality, requiring no additional drivers or software installation for most operating systems.



Image: A setup demonstrating the Lemorele USB C Hub connected to a MacBook Pro, extending the display to two external monitors, with a keyboard and mouse also connected, illustrating a typical workstation setup.

3. Operating Instructions

Port Functions:



Image: A detailed diagram of the Lemorele 10-in-1 USB C Hub, clearly labeling each port and its function, including HDMI, USB 3.0, USB 2.0, PD, USB-C Data, and SD/TF card slots.

- **Dual HDMI Ports:** Connect up to two external monitors. Supports 4K@30Hz when using a single HDMI port. When both HDMI ports are used simultaneously, the maximum output resolution is 1080p@60Hz.
- **USB 3.0 Ports (3x):** For high-speed data transfer up to 5Gbps. Ideal for connecting external hard drives, USB flash drives, and other USB 3.0 compatible devices.
- **USB 2.0 Port (1x):** For connecting devices like keyboards, mice, or other peripherals that do not require high-speed data transfer (up to 480Mbps).
- **USB-C Data Port:** Provides 5Gbps data transfer for USB-C compatible devices. Note: This port is for data transfer only, not for power delivery.
- **PD 100W Charging Port:** Connect your laptop's USB-C power adapter here to charge your laptop through the hub. The hub itself consumes approximately 5W, providing up to 95W of power to your device.
- **SD/TF Card Readers:** Insert your SD and TF (Micro SD) cards for data access. Both slots can be used simultaneously. Supports capacities up to 2TB and read/write speeds of 20MB/s.

Display Modes:

The hub supports various display configurations depending on your operating system.

Windows System:

Windows supports both MST (Multi-Stream Transport) for extended desktop mode and SST (Single-Stream Transport) for mirror mode.

- **Mirror Mode (SST):** All connected displays show the same content as your primary screen.
- **Extended Mode (MST):** Each connected display can show different content, extending your desktop workspace.

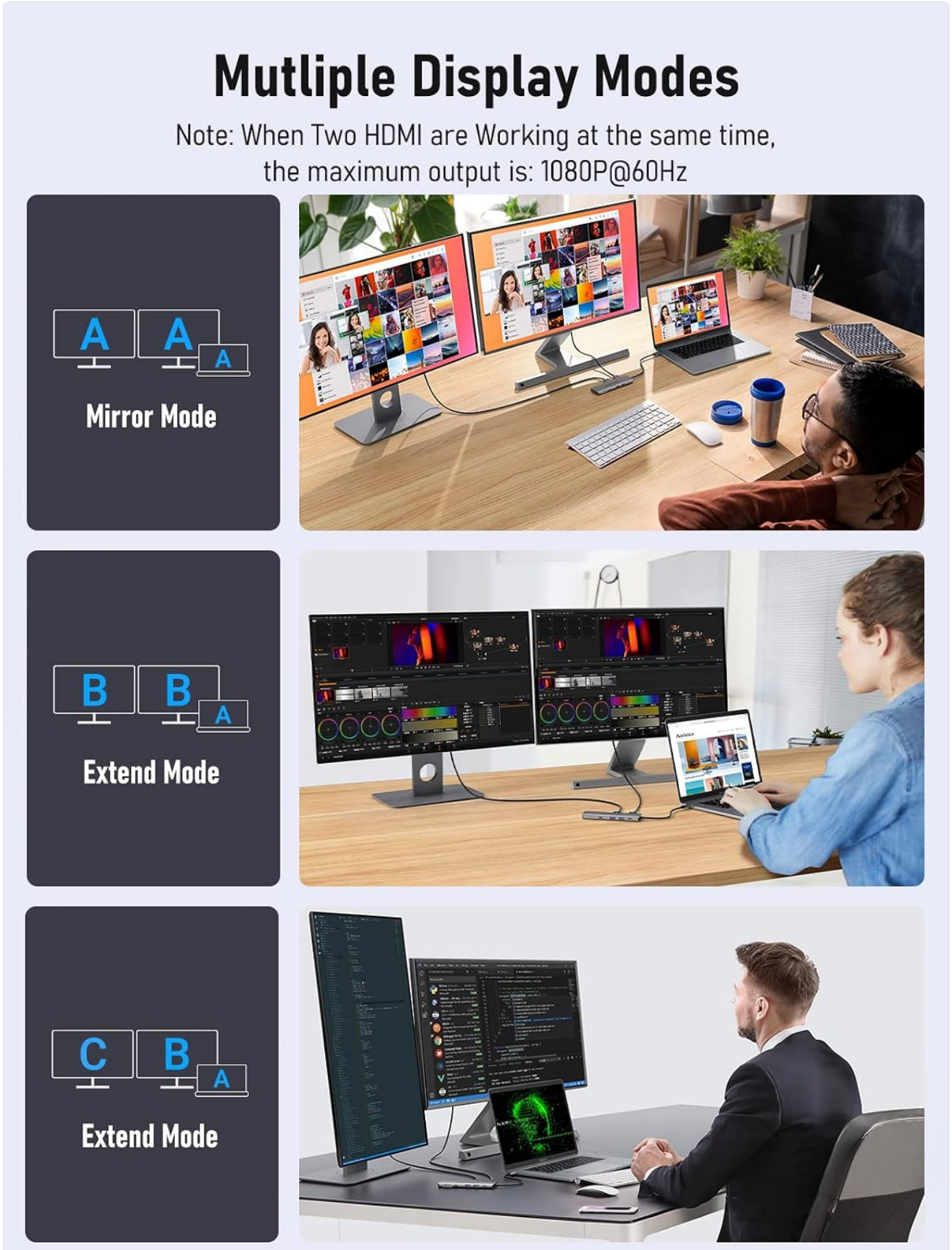


Image: Illustrations of various display modes for Windows systems, including Mirror Mode (A-A-A) where all screens duplicate content, and Extended Modes (A-B-B, A-B-C) where screens display different content, expanding the desktop.

Mac OS System:

Due to Mac OS limitations, it only supports SST (Single-Stream Transport) or Mirror Mode. When two HDMI displays are

connected, they will mirror each other, showing the same content.

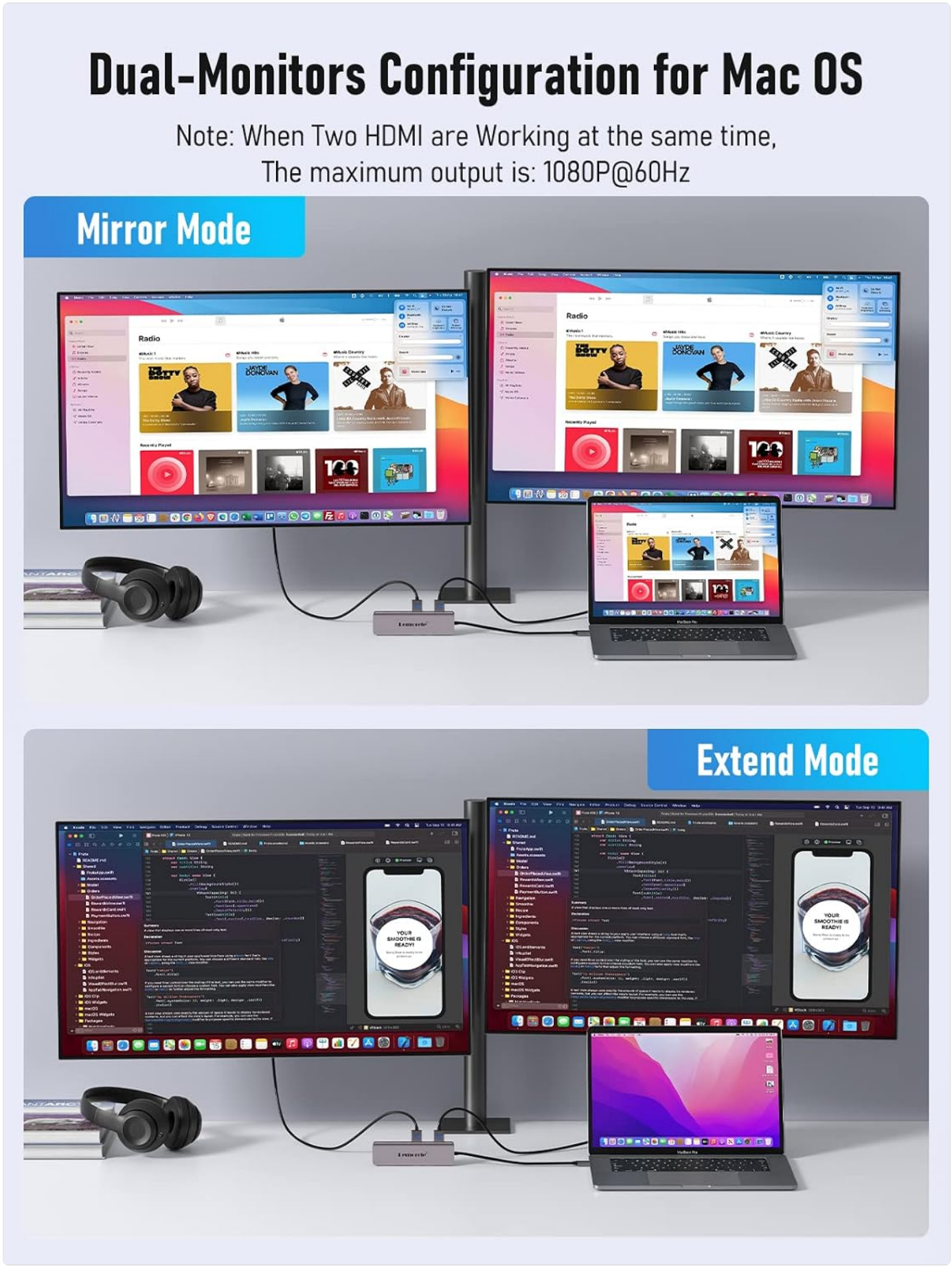


Image: A visual guide for Mac OS dual-monitor configurations, showing Mirror Mode where both external displays mirror the laptop screen, and a note indicating that true extended mode with different content on each external display is not supported.

Using MacBook in Closed-Display (Clamshell) Mode:

To use your MacBook with external monitors while the lid is closed (clamshell mode), ensure your MacBook is connected to a power supply via the hub's PD port. This allows the external displays to remain active even when the MacBook's screen is off.



Image: A user working with a MacBook in closed-display (clamshell) mode, connected to two external monitors via the USB C Hub, demonstrating how to achieve an expanded desktop setup without the laptop screen open.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your Lemorele 10-in-1 USB C Hub.

Cleaning:

- Disconnect the hub from all devices and power sources before cleaning.
- Use a soft, dry, lint-free cloth to wipe the surface of the hub.
- Do not use liquid cleaners, aerosols, or abrasive solvents, as they may damage the device.

Storage:

- Store the hub in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid storing in environments with high humidity or dust.

Heat Dissipation and Safety:

The hub features an aluminum casing designed to dissipate heat efficiently during operation. It also incorporates multiple safety protections to ensure stable and safe use.

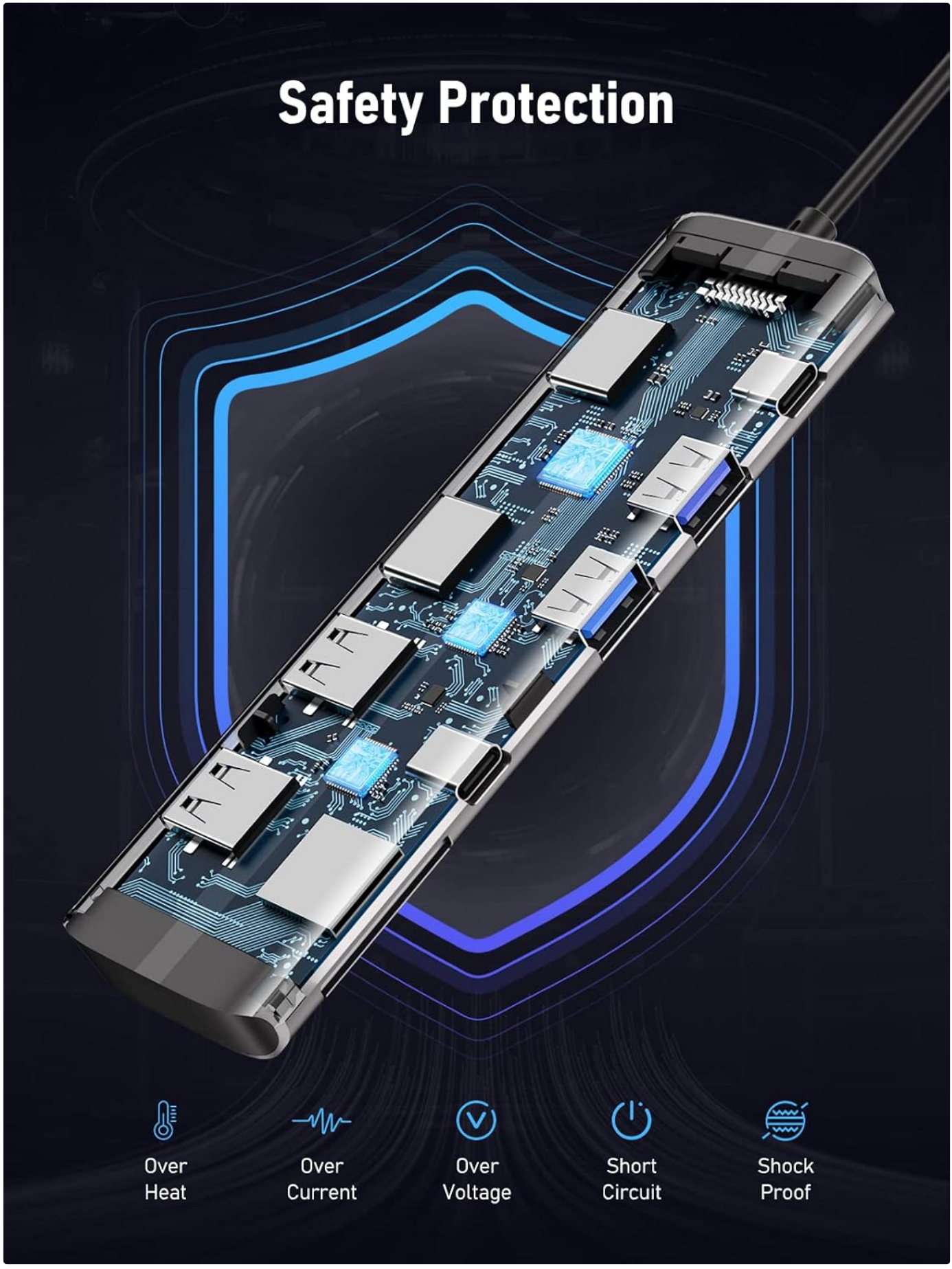


Image: An illustrative internal view of the USB C Hub, highlighting its integrated safety protection mechanisms against overheating, overcurrent, overvoltage, short circuits, and providing shock resistance.

- **Over Heat Protection**
- **Over Current Protection**

- **Over Voltage Protection**
- **Short Circuit Protection**
- **Shock Proof Design**

5. Troubleshooting

If you encounter issues with your Lemorele 10-in-1 USB C Hub, please refer to the following common problems and solutions:

No Display Output:

- **Check Connections:** Ensure all HDMI cables are securely connected to both the hub and the monitors.
- **Verify Host Device Compatibility:** Confirm your laptop's USB-C port supports DisplayPort Alternate Mode.
- **Resolution Settings:** Adjust display resolution settings on your computer. Remember that dual HDMI output is limited to 1080p@60Hz.
- **Mac OS Limitations:** On Mac OS, only Mirror Mode (SST) is supported for multiple external displays.
- **BIOS Settings (HP Laptops):** Some HP laptop models may disable the display port in BIOS after using certain hubs. Check your laptop's BIOS settings to ensure the display port is enabled.
- **Power Supply:** Ensure the hub is receiving sufficient power, especially when using multiple power-intensive devices or charging your laptop.

USB Devices Not Recognized or Slow Data Transfer:

- **Reconnect Device:** Disconnect and reconnect the USB device to the hub.
- **Check Port Type:** Ensure you are using the correct USB port (e.g., USB 3.0 for high-speed devices).
- **Power Consumption:** High-power USB devices (e.g., external hard drives) may require additional power. Ensure your laptop's power adapter is connected to the hub's PD port.
- **Wireless Peripherals:** Some wireless keyboards and mice may experience signal interference. Try connecting them directly to the laptop or using a different USB port on the hub.

Hub Overheating:

- The aluminum casing is designed for heat dissipation, and it is normal for the hub to feel warm during operation, especially under heavy load.
- Ensure adequate ventilation around the hub. Avoid placing it in enclosed spaces or on soft surfaces that can block airflow.
- If the hub becomes excessively hot and functionality is affected, disconnect it immediately and allow it to cool down.

Power Delivery Issues:

- **Original Charger:** Use your laptop's original USB-C power adapter with the hub's PD port for optimal charging performance.
- **Power Requirements:** Ensure your laptop's power requirements do not exceed the hub's 95W power delivery capability.

6. Specifications

Brand	Lemorele
Model Number	TC91
Material	Aluminum
Dimensions (L x W x H)	9 x 4 x 2 cm
Number of Ports	10
USB Ports	3x USB 3.0, 1x USB 2.0, 1x USB-C Data
HDMI Output	Dual HDMI (4K@30Hz single, 1080p@60Hz dual)
Power Delivery (PD)	Up to 100W input (95W actual output)
Card Reader	SD/TF (simultaneous, 20MB/s, up to 2TB)
Data Transfer Rate	5 Gbps (USB 3.0/USB-C Data), 480 Mbps (USB 2.0)
Compatible OS	Windows, Mac OS, Linux, Android
Special Features	Portable, High Number of Ports, Safety Protection (Over Heat, Over Current, Over Voltage, Short Circuit, Shock Proof)

7. Warranty and Support

Lemorele provides comprehensive support for its products.

Product Warranty:

This Lemorele USB C Hub comes with a**one-year product warranty** from the date of purchase.

Return Policy:

You may return the product without conditions within the specified return period.

Customer Support:

If you have any questions, concerns, or require technical assistance, please do not hesitate to contact Lemorele customer support. We are always here to help.

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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