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LIONWEI LIMUC2201

LIONWEI USB C Hub Adapter User Manual

Model: LIMUC2201

1. PRODUCT OVERVIEW

The LIONWEI USB C Hub Adapter is a versatile multiport adapter designed for MacBook Pro/Air M1/M2/M3 models from 2016-2022. It expands your device's connectivity with multiple ports for data transfer, video output, audio, and power delivery.



Image: The LIONWEI USB C Hub Adapter, a compact grey device, is shown connected to the side of a MacBook Pro. Various cables, including HDMI, USB-A, and a 3.5mm audio jack, are plugged into its ports, along with a USB flash drive. This illustrates the hub's expanded connectivity options.

Key Features:

- 1x 4K@30Hz HDMI Port
- 1x Thunderbolt-enabled USB-C Port (supports 100W PD charging, 40Gbps data transfer, 5K@60Hz display)
- 3x USB 3.0 Type-A Ports (up to 5Gbps data transfer)
- 1x USB 3.0 Type-C Port (for data transfer)
- 1x 3.5mm Audio/Mic 2-in-1 Jack
- Designed for MacBook Pro/Air 13"/15"/16" (2016-2022)

Note: This adapter is compatible with MacBooks featuring MagSafe 3 charging and will not obstruct the magnetic charging port. It is not suitable for MacBooks with a protective case and does not support Apple USB Super Drive.

2. SETUP AND CONNECTION

To set up your LIONWEI USB C Hub Adapter, follow these steps:

1. Ensure your MacBook is powered on.
2. Align the two USB-C connectors of the hub with the corresponding Thunderbolt/USB-C ports on your MacBook.
3. Gently push the hub firmly into the MacBook's ports until it is securely connected.
4. The hub is plug-and-play; no additional drivers are required for most functions.



Image: A side-by-side comparison showing the LIONWEI hub (top) securely and flushly connected to a MacBook Pro, indicated by a green checkmark. Below it, another hub (bottom) is shown with a gap, indicated by a red cross, highlighting the LIONWEI's snug fit.

Important: The adapter is designed for a snug fit. If your MacBook has a protective case or shell, the adapter may not connect properly. Remove any protective cases before connecting the hub.

Not compatible with Macbook case/shell



Image: The LIONWEI hub is shown next to a MacBook Pro with a protective case, illustrating that the case prevents the hub from connecting properly. A red cross symbol indicates incompatibility with cases.

3. OPERATING INSTRUCTIONS

3.1. Video Output (HDMI & Thunderbolt-enabled USB-C)

The hub supports video output through its HDMI port and the Thunderbolt-enabled USB-C port.

- **HDMI Port:** Connect an HDMI cable from the hub to your TV, monitor, or projector. Supports resolutions up to 4K UHD (3840 x 2160) at 30Hz.
- **Thunderbolt-enabled USB-C Port:** This port supports up to 5K@60Hz display output.

For non-M1/M2/M3 MacBooks, both the HDMI and Thunderbolt-enabled USB-C ports can be used simultaneously for dual monitor display, allowing you to mirror or extend your laptop's display.

Note for M1/M2/M3 MacBooks: Due to chipset limitations, this MacBook accessory does not support dual display output from the hub for M1, M2, or M3 chip-based MacBooks. Only one external display can be used at a time via the hub.

Dual monitor Output

Enjoy the optimal viewing experience



Image: A MacBook Pro connected to two external monitors via the LIONWEI hub, demonstrating dual monitor output. One monitor displays 4K@60Hz and the other 5K@60Hz, showcasing the hub's display capabilities.

3.2. Data Transfer (USB 3.0 Ports)

The hub provides multiple high-speed data transfer ports:

- **3x USB 3.0 Type-A Ports:** Connect USB peripheral devices such as flash drives, hard drives, keyboards, mice, printers, or MP3 players. These ports offer data transfer speeds up to 5Gbps. They are backward compatible with USB 2.0 devices.
- **1x USB 3.0 Type-C Port:** This port is for data transfer only, with speeds up to 5Gbps.



Image: The LIONWEI hub connected to a MacBook, with a USB flash drive inserted into one of its USB 3.0 ports. Text overlay indicates "5Gbps" data transfer speed, highlighting the high-speed capability.

3.3. Power Delivery (Thunderbolt-enabled USB-C Port)

The Thunderbolt-enabled USB-C port supports Power Delivery (PD) charging up to 100W. This allows you to charge your MacBook while using the hub's other functions.



Image: A MacBook Pro connected to the LIONWEI hub, which is also connected to a power adapter. Text highlights "100W PD + 40Gbps Faster Thunderbolt 3" and "Play while charging," illustrating the power delivery and high-speed data capabilities.

3.4. Audio Output (3.5mm Jack)

The 3.5mm Audio/Mic 2-in-1 jack supports audio output up to 48kHz-16bit. You can connect headphones, speakers, or a microphone to this port for audio playback and voice input.

3.5mm headphone jack



Audio



Mic



Image: The LIONWEI hub connected to a MacBook, with headphones plugged into its 3.5mm audio jack. Icons for "Audio" and "Mic" are displayed, indicating the dual functionality of the port.

4. MAINTENANCE

To ensure the longevity and optimal performance of your LIONWEI USB C Hub Adapter, please follow these maintenance guidelines:

- Keep the hub clean and free from dust. Use a soft, dry cloth for cleaning.

- Avoid exposing the hub to extreme temperatures, humidity, or direct sunlight.
- Do not drop or subject the hub to strong impacts.
- Disconnect the hub from your MacBook when not in use for extended periods.
- Do not attempt to disassemble or repair the hub yourself. Refer to qualified service personnel for any repairs.

5. TROUBLESHOOTING

If you encounter issues with your LIONWEI USB C Hub Adapter, please refer to the following common troubleshooting steps:

Problem	Possible Cause / Solution
Hub not recognized by MacBook.	<p>Ensure the hub is fully and securely inserted into the MacBook's USB-C ports.</p> <p>Try disconnecting and reconnecting the hub.</p> <p>Restart your MacBook.</p> <p>Ensure no protective case is obstructing the connection.</p>
No video output or flickering display.	<p>Check if the HDMI/USB-C video cable is securely connected to both the hub and the display.</p> <p>Verify the display input source is correctly selected on your monitor/TV.</p> <p>Ensure your MacBook's display settings are configured for external display (System Settings > Displays).</p> <p>For M1/M2/M3 MacBooks, remember only one external display is supported via the hub.</p> <p>Try a different HDMI/USB-C cable.</p>
USB devices not working.	<p>Ensure the USB device is properly connected to the hub.</p> <p>Try connecting the USB device to a different port on the hub.</p> <p>Test the USB device by connecting it directly to your MacBook (if possible) to rule out device issues.</p> <p>Some high-power USB devices may require external power if the hub's power delivery is insufficient.</p>
Charging is slow or not working.	<p>Ensure your power adapter is connected to the Thunderbolt-enabled USB-C port on the hub.</p> <p>Verify your power adapter has sufficient wattage (e.g., 100W for optimal performance).</p> <p>Check the charging cable for damage.</p>
Audio issues.	<p>Ensure headphones/speakers are fully plugged into the 3.5mm jack.</p> <p>Check your MacBook's sound output settings (System Settings > Sound > Output) to ensure the hub is selected.</p> <p>Test with different headphones/speakers.</p>

6. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	LIMUC2201
Brand	LIONWEI
Connectivity	USB 3.0 Type C

Feature	Detail
Ports	1x 4K@30Hz HDMI, 1x Thunderbolt-enabled USB-C (PD/Data/Display), 3x USB 3.0 Type-A, 1x USB 3.0 Type-C (Data), 1x 3.5mm Audio/Mic
HDMI Resolution	Up to 4K UHD (3840 x 2160) @ 30Hz
Thunderbolt USB-C Display	Up to 5K @ 60Hz
USB 3.0 Data Transfer Speed	Up to 5Gbps
Thunderbolt USB-C Data Transfer Speed	Up to 40Gbps
Power Delivery	Up to 100W via Thunderbolt-enabled USB-C port
Audio Jack	3.5mm Audio/Mic 2-in-1 (48kHz-16bit output)
Compatible Devices	MacBook Pro/Air 13"/15"/16" (2016-2022)
Item Weight	2.89 ounces
Package Dimensions	5.55 x 1.97 x 0.75 inches

7. WARRANTY AND SUPPORT

LIONWEI products are designed for reliability and performance. For warranty information and customer support, please refer to the product packaging or contact LIONWEI customer service directly.

The product typically comes with an 18-month warranty and 24-hour online service, as indicated by the manufacturer. Each item is verified by Transparency with a unique code before shipping.

8. OFFICIAL PRODUCT VIDEOS

There are no official product videos from the seller available for embedding in this manual.

