

HATOKU BYL-2410

HATOKU USB C Hub MultiPort Adapter User Manual

Model: BYL-2410

1. PRODUCT OVERVIEW

The HATOKU 9-in-1 USB C Hub MultiPort Adapter is designed to expand the connectivity of your USB-C enabled devices, offering a versatile solution for various needs including display extension, data transfer, and power delivery. This compact docking station enhances productivity and entertainment by providing multiple essential ports through a single USB-C connection.

Key Features

- **One-Touch Screen On/Off Button:** Quickly manage your display's privacy or power state.
- **4K@60Hz HDMI Output:** Experience ultra-clear visual enjoyment with high-resolution display mirroring or extension.
- **9-in-1 Connectivity:** Includes 4K@60Hz HDMI, 1x USB 3.0, 2x USB 2.0, 1x Type-C data port, 1x PD charging port, 1x SD/TF card slot, and 1x audio port.
- **100W Power Delivery (PD) Fast Charging:** Supports up to 85W pass-through charging for your laptop or device (charger not included).
- **Ultra-Fast Data Transfer:** USB 3.0 and USB-C data ports offer speeds up to 5Gbps, while SD/TF card slots provide quick media access.
- **Wide Compatibility:** Compatible with a broad range of devices including MacBook Pro/Air, iPad Pro/Air, iPhone 15/15 Pro, XPS, Thinkpad, HP, PS5, Switch, Steam, and various operating systems like Windows, ChromeOS, Linux, and Mac OS.



Figure 1: The HATOKU 9-in-1 USB C Hub MultiPort Adapter, showcasing its compact design and multiple ports including HDMI, USB, and card reader slots.

2. SETUP

2.1 Checking Compatibility

Before connecting the hub, ensure your device's USB-C port supports the necessary functions for the hub's features (e.g., video output, power delivery, data transfer). Not all USB-C ports are full-function.



Figure 2: Diagram illustrating various USB-C port types and their supported functionalities. Ensure your laptop's USB-C port supports Thunderbolt 3 or Data/Video transfer for full hub functionality.

2.2 Connecting the Hub

1. Connect the USB-C cable of the HATOKU hub to a compatible USB-C port on your laptop, tablet, or smartphone.
2. For power delivery, connect your original USB-C power adapter to the PD (Power Delivery) port on the hub.
3. Connect your external devices (monitor, keyboard, mouse, USB drives, SD/TF cards, audio devices) to the corresponding ports on the hub.

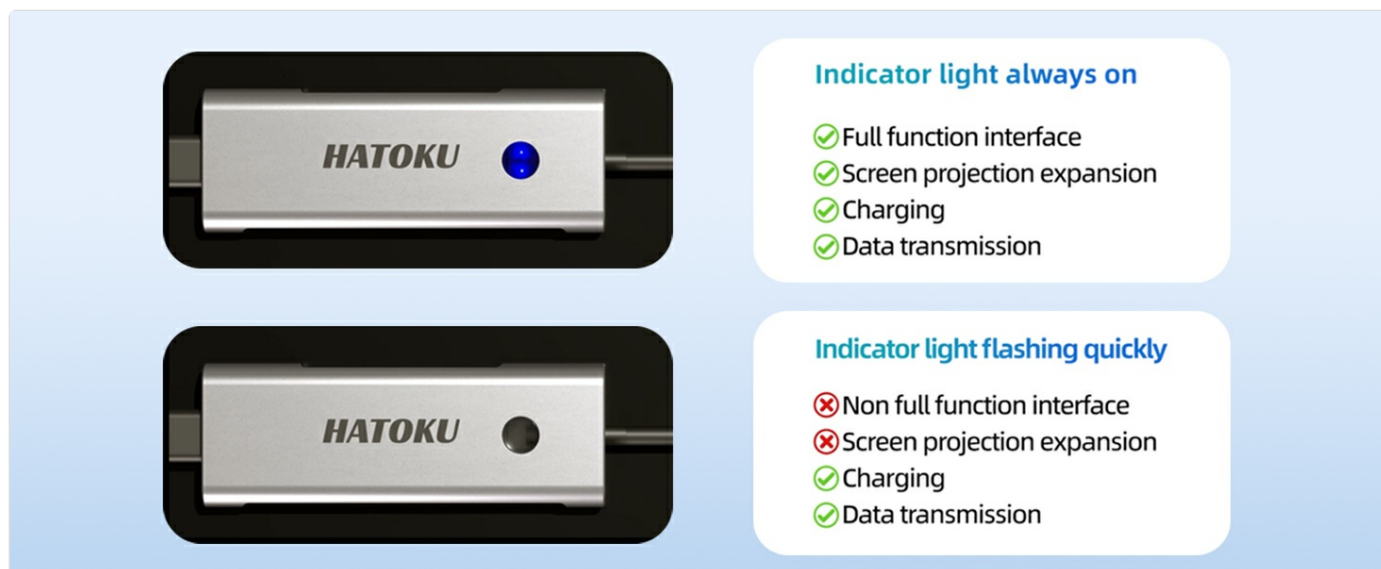


Figure 3: The HATOKU USB C Hub connected to a laptop, demonstrating how various peripherals like a monitor, USB drives, and power adapter can be attached.

3. OPERATING INSTRUCTIONS

3.1 One-Touch Screen On/Off Function

The hub features a dedicated button to quickly turn your connected HDMI display on or off. This is useful for privacy protection or to conserve power without disconnecting the hub.



Figure 4: A user pressing the one-touch screen on/off button on the HATOKU hub to control the external display, providing instant privacy or power saving.

3.2 Video Output (HDMI)

Connect an HDMI cable from the hub's HDMI port to your monitor, HDTV, or projector. The hub supports 4K UHD resolution at 60Hz, providing a clear and vibrant display.

- **Mirror Mode:** Duplicate your device's screen onto the external display.
- **Extended Mode:** Extend your desktop across multiple screens for increased workspace.



Figure 5: High-definition content displayed on an external monitor via the HATOKU hub's 4K@60Hz HDMI output, ideal for visual tasks.



Figure 6: Visual representation of Mirror Mode (duplicating screen) and Extended Mode (extending desktop) for HDMI output.

3.3 Power Delivery (PD Charging)

The PD port supports up to 100W input and 85W pass-through charging, allowing you to power your laptop or other USB-C devices while using the hub's other functions. Connect your device's original power adapter to the hub's PD port.



Figure 7: A laptop receiving power through the HATOKU hub's 100W PD charging port, demonstrating efficient power management.

3.4 Data Transfer (USB & Card Reader)

Utilize the USB 3.0, USB 2.0, and USB-C data ports for connecting peripherals and transferring data. The SD and TF card slots allow for quick access to media files.

- **USB 3.0 & USB-C Data Port:** Up to 5Gbps transfer speed for fast file transfers.
- **USB 2.0 Ports:** Ideal for connecting keyboards, mice, and other low-bandwidth devices.
- **SD/TF Card Slots:** Supports simultaneous reading of SD and TF cards (note: SD and TF slots cannot be used at the exact same time for data transfer, but the hub supports both).

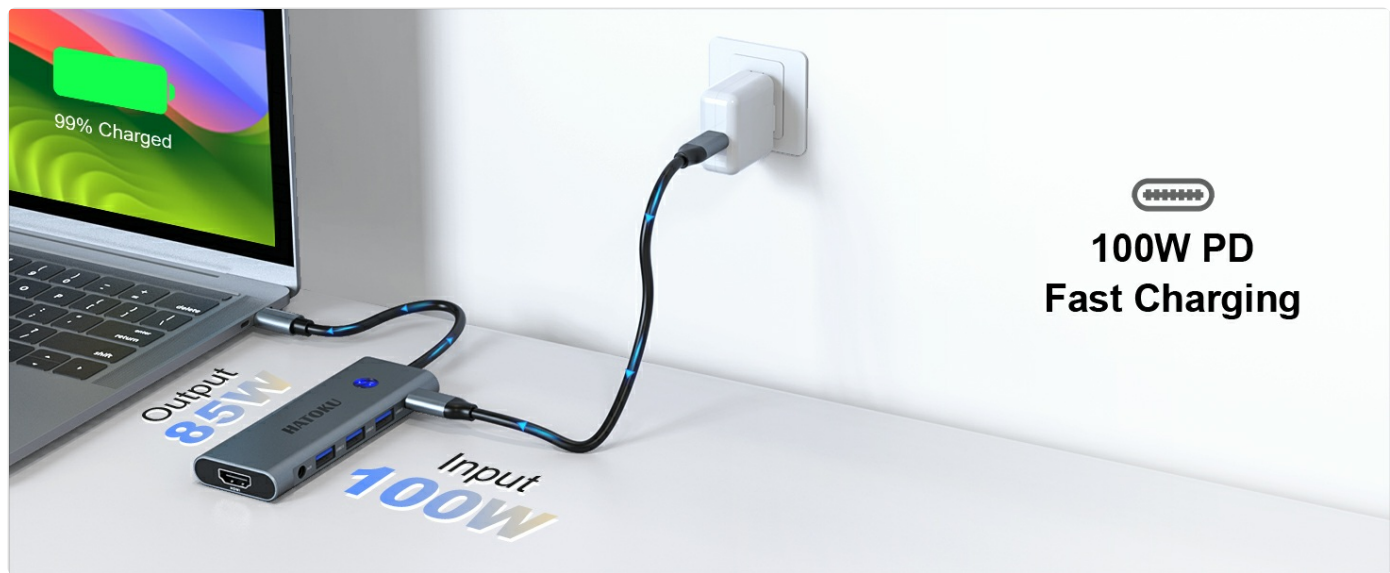


Figure 8: The HATOKU hub demonstrating 10x faster data transfer speeds compared to USB 2.0, highlighting the efficiency of USB 3.0 ports.



Figure 9: A close-up view of the SD and TF card slots on the HATOKU hub, showing compatibility with various memory card types.

3.5 Audio Output

Connect your headphones or speakers to the 3.5mm audio jack for audio output from your connected device.



Figure 10: Headphones connected to the HATOKU hub's 3.5mm audio port, enabling audio output from the connected device.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your HATOKU USB C Hub.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the hub. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the hub in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Heat Dissipation:** The hub is designed with excellent heat dissipation performance. Ensure it is placed in a well-ventilated area during prolonged use to prevent overheating.



Figure 11: An internal view diagram highlighting the advanced temperature control technology for efficient heat dissipation within the HATOKU hub.

5. TROUBLESHOOTING

If you encounter issues with your HATOKU USB C Hub, refer to the following common problems and solutions:


Problem	Possible Cause / Solution
No display output via HDMI.	Ensure your device's USB-C port supports video output (DisplayPort Alternate Mode). Check HDMI cable connection. Try a different HDMI cable or monitor. Restart your device.
Devices connected to USB ports are not recognized.	Ensure the hub is securely connected to your device. Try connecting the device directly to your computer to verify functionality. Ensure sufficient power is supplied to the hub, especially for high-power devices.
Slow data transfer speeds.	Ensure you are using the USB 3.0 or USB-C data port for high-speed transfers. Verify that your connected device (e.g., USB drive) supports USB 3.0 speeds. Avoid connecting too many power-hungry devices simultaneously.

Problem	Possible Cause / Solution
Hub feels warm during use.	It is normal for the hub to generate some heat during operation, especially when multiple ports are in use or during PD charging. Ensure adequate ventilation around the hub.
PD charging not working.	Ensure your original power adapter is connected to the hub's PD port. Verify that your device's USB-C port supports Power Delivery. Check the power adapter and cable for damage.


6. SPECIFICATIONS

Feature	Detail
Model Number	BYL-2410
Product Dimensions	4.33 x 1.57 x 0.47 inches
Item Weight	2.89 ounces
HDMI Output	4K@60Hz
USB Ports	1x USB 3.0, 2x USB 2.0, 1x USB-C Data Port
Data Transfer Speed	Up to 5Gbps (USB 3.0 / USB-C Data)
Power Delivery (PD)	Up to 100W input, 85W pass-through charging
Card Reader	SD/TF Card Slot
Audio Port	3.5mm Audio Jack
Compatible Operating Systems	Windows (11, 10, 8, 7, XP, Vista), ChromeOS, Linux, Mac OS X 10.5 or higher, Android
Compatible Devices	Smartphones, Projectors, Keyboards, Laptops, Televisions (MacBook Pro/Air, XPS, Thinkpad, HP, iPad Pro/Air, iPhone 15/15 Pro, Thunderbolt 3/4 devices, PS5, Switch, Steam, etc.)


Notebook




For Apple




For Dell




For Lenovo




For Surface




For Samsung



For HP




For ASUS




For Acer


Pad / Phone




For iPad Pro/Air




For Galaxy Tab




For Surface Pro



For iPhone




For OnePlus




For Samsung

Game Console



For Steam Deck



For ROG Ally

Figure 12: A visual guide to the wide range of devices compatible with the HATOKU USB C Hub, including displays, storage, input devices, and cameras.

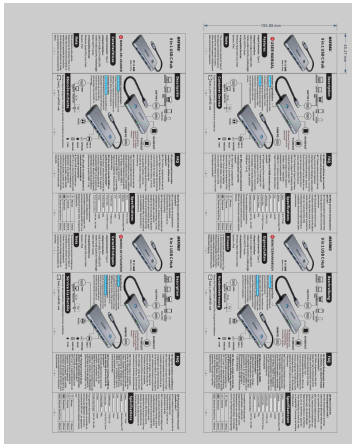


Figure 13: A comprehensive list of compatible operating systems, ensuring broad usability across different platforms.

7. WARRANTY AND SUPPORT

HATOKU provides comprehensive support for its products.

- **Warranty:** This product comes with a 1-year warranty from the date of purchase.
- **Customer Support:** For any questions or assistance with your HATOKU USB C Hub, please contact our 24/7 online support. We are committed to ensuring your satisfaction and will provide a refund or replacement if necessary.
- **User Manual (PDF):** For a downloadable version of this manual, please refer to the official product page or [download the PDF here](#).



[HATOKU 9-in-1 USB C Hub User Manual and Specifications](#)

Comprehensive guide to the HATOKU 9-in-1 USB C Hub, detailing its features, specifications, and frequently asked questions. This hub expands connectivity for laptops and other devices with a USB-C port, offering HDMI, USB 3.0, USB 2.0, SD/TF card readers, and audio output.

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