

Jowua 130W LED Hub

JOWUA 130W LED Hub User Manual

Model: 130W LED Hub

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your JOWUA 130W LED Hub. Designed specifically for Tesla Model Y and Reengineered Model 3 Highland (2024+), this hub expands your vehicle's charging capabilities with multiple ports and intelligent power management.



Image 1.1: The JOWUA 130W LED Hub, showcasing its sleek design and integrated cigarette lighter plug.

2. SAFETY INFORMATION

- Do not expose the device to water or excessive moisture.
- Avoid extreme temperatures.
- Do not attempt to disassemble or modify the device. This will void the warranty.
- Ensure proper ventilation around the hub during operation.
- Use only with compatible vehicles as specified.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- JOWUA 130W LED Hub
- Integrated Type-C Cable

4. SETUP AND INSTALLATION

The JOWUA 130W LED Hub is designed for a precise fit within the Tesla Model Y and Reengineered Model 3 Highland (2024+) center console.

1. **Locate the Power Outlet:** Identify the 15V cigarette lighter power outlet inside your Tesla's center console.
2. **Insert the Hub:** Carefully align the JOWUA 130W LED Hub with the center console's internal structure. The hub's matte grey texture is designed to blend seamlessly with the original interior.
3. **Connect Power:** Plug the integrated cigarette lighter connector from the hub firmly into the vehicle's 15V power outlet.
4. **Verify Fit:** Ensure the hub is seated securely and does not obstruct the console lid operation.



Image 4.1: The JOWUA 130W LED Hub seamlessly integrated into the Tesla center console, showing its flush fit and accessible ports.

Intelligent Dynamic Current Management

Features intelligent dynamic current management to optimize power distribution. Intelligently adjusts and optimizes power allocation based on the charging requirements of each device.



Image 4.2: A close-up view highlighting the hub's precision matching with the vehicle's original interior decor.

5. OPERATING INSTRUCTIONS

5.1 Port Overview

The JOWUA 130W LED Hub features multiple charging ports and an integrated LED light for convenience.

- **USB-C1 Port:** Up to 100W MAX output.
- **USB-C2 Port:** Up to 30W MAX output.
- **USB-A Port:** Up to 18W MAX output.
- **Integrated Type-C Cable:** Up to 20W MAX output, retractable for convenience.
- **LED Light:** Provides illumination within the center console.
- **LED ON/OFF Button:** Controls the integrated LED light.

Note: All ports provide power only; data transmission is not supported.



Image 5.1: Detailed diagram showing the various ports, their maximum power outputs, and the LED light controls.

5.2 Dynamic Power Management

The hub utilizes dynamic control chips to intelligently distribute power from the Tesla cigarette lighter to all connected devices. It automatically adjusts and optimizes power allocation based on the charging requirements of each device, ensuring efficient and safe charging.

5.3 Charging Multiple Devices


The hub supports simultaneous charging of up to four electronic devices. Refer to the power output table below for detailed power distribution scenarios.

Table 5.1: Power Output Distribution


Power Output Table	USB-C1	USB-C2	Type-C Cable	USB-A
Single Port Use	100W			
		30W		
			20W	
				18W
Dual Ports Use	65W	30W		
	65W		20W	
	65W			18W
		30W	20W	
		30W		18W
			20W	18W
Three Ports Use	65W	30W	20W	
	65W	30W		18W
	65W		20W	18W
		30W	20W	18W
Four Ports Use	65W	30W	20W	18W

Image 5.2: Table illustrating the power distribution when using single, dual, three, or all four ports simultaneously.

Retractable Type-C Charging Cable Design




- A Simple Pull, Instant Charge
- Retracts neatly, keeping cables tangle-free.



- Supports 20W Charging
- Cable length of 80cm, convenient for both driver and passenger.

High-Speed Charging for Laptops



USB-C Car Magnetic Cable
Supports 100W

130W LED Hub
Type-C interface
Supports 100W

Image 5.3: Example of high-speed charging for a laptop and other devices using the hub's various ports.



Image 5.4: Demonstration of the retractable Type-C charging cable, showing its ease of use and neat storage.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the hub. Do not use liquid cleaners or abrasive materials.
- **Port Inspection:** Periodically check the charging ports for any dust or debris and clean gently with a dry, non-conductive tool if necessary.
- **Cable Care:** Ensure the retractable Type-C cable retracts smoothly. Avoid forcing it or pulling it at extreme angles.

7. TROUBLESHOOTING

Issue: Devices are not charging.

Solution:

- Ensure the hub's cigarette lighter plug is fully inserted into the vehicle's 15V power outlet.
- Check if the vehicle's power outlet is active. Some vehicles require the ignition to be on.
- Verify that the charging cables are securely connected to both the hub and your devices.
- Test with a different device or cable to rule out device/cable issues.
- Ensure the total power draw does not exceed the hub's maximum capacity (130W).

Issue: The integrated LED light does not turn on/off.

Solution:

- Press the LED ON/OFF button firmly.
- Ensure the hub is receiving power from the vehicle.

Issue: The center console light stays on after installing the hub.

Solution: The JOWUA hub is designed to maintain original car lighting. If the console light remains on, ensure the hub is correctly seated and not interfering with the console's light sensor or switch. If the issue persists, contact JOWUA support.

8. SPECIFICATIONS

- **Brand:** JOWUA
- **Model:** 130W LED Hub
- **Compatible Devices:** Tesla Model Y, Reengineered Model 3 Highland (2024+)
- **Total USB Ports:** 4 (2x Type-C, 1x USB-A, 1x Integrated Type-C Cable)
- **Max Power Output:** 130W (Total)
- **USB-C1 Output:** Up to 100W
- **USB-C2 Output:** Up to 30W
- **USB-A Output:** Up to 18W
- **Integrated Type-C Cable Output:** Up to 20W
- **Hardware Interface:** USB
- **Material:** Plastic
- **Item Weight:** 12.3 ounces
- **Package Dimensions:** 8.46 x 4.33 x 1.57 inches
- **ASIN:** B0D9JWDLKC
- **Date First Available:** July 16, 2024


9. WARRANTY INFORMATION

The JOWUA 130W LED Hub comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation. For warranty claims or service, please retain your proof of purchase and contact JOWUA customer support.

10. CUSTOMER SUPPORT


If you have any questions, concerns, or require technical assistance, please visit the official JOWUA website or contact their customer support team. Contact information can typically be found on the product packaging or the JOWUA brand store on Amazon.






JOWUA Brand Store: [Visit JOWUA Store on Amazon](#)



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Related Documents - 130W LED Hub

	<p>Jowua Multi-Device Wireless Controller User Manual</p> <p>Comprehensive user manual for the Jowua Multi-Device Wireless Controller, detailing its features, setup, operation, and specifications. Covers key layout, multi-connection modes (Bluetooth, Switch, Wired), power management, battery status, auto burst, turbo functions, vibration adjustment, reset procedures, and FCC compliance.</p>
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 <p>alza power USB-C Hub</p>	<p>Alza Power USB-C Hub APW-HCC4A3x User Manual</p> <p>User manual for the Alza Power USB-C Hub (APW-HCC4A3x), detailing its specifications, instructions for use, safety information, and environmental compliance.</p>
	<p>UNITEK uHUB Q4 Lite USB-C Hub with HDMI and 100W PD - User Manual</p> <p>Comprehensive user manual for the UNITEK uHUB Q4 Lite, a 4-in-1 USB-C hub featuring HDMI, 100W Power Delivery, USB-A 10Gbps, and 3.5mm audio. Includes setup, safety, and compatibility information.</p>
 <p>i-tec USB-C/USB-A Universal Charging Metal HUB 2x USB-C + 2x USB-A Port + Power Delivery 85W</p> <p>User guide • Bedienungsanleitung • Manual d'installation Manuel de montage • Manuale di installazione Technische details • Technische details • Montageanleitung • Montageanleitung • Montageanleitung</p> <p>TECHNISCHE DATEN</p>	<p>i-tec USB-C/USB-A Universal Charging Metal HUB 2x USB-C + 2x USB-A Port + Power Delivery 85W - User Guide</p> <p>Comprehensive user guide for the i-tec CAHUBMETAL2A2CPD Universal Charging Metal HUB. Features 2x USB-C and 2x USB-A ports, 85W Power Delivery, detailed specifications, installation instructions, system requirements, safety guidelines, and compliance information.</p>
	<p>UNITEK uHub S7+ 7-in-1 USB-C Hub H1335A User Manual & Specifications</p> <p>Comprehensive user manual and technical specifications for the UNITEK uHub S7+ 7-in-1 USB-C Hub (H1335A), featuring 3x USB-C 10Gbps and 4x USB-A 5Gbps ports. Includes setup, safety, warranty, and support information.</p>
 <p>i-tec USB-C/USB-A Metal Charging + data HUB, 15W per port, 20x USB-C</p> <p>User guide • Bedienungsanleitung • Manual d'installation Manuel de montage • Manuale di installazione Technische details • Technische details • Montageanleitung • Montageanleitung • Montageanleitung</p> <p>TECHNISCHE DATEN</p>	<p>i-tec USB-C/USB-A Metal Charging + Data Hub, 15W per Port, 20x USB-C User Guide</p> <p>Discover the i-tec USB-C/USB-A Metal Charging + Data Hub (CACHRGHUB20C). This guide details its features, including 20x USB-C ports with 15W charging, USB 3.2 Gen 1 data transfer, and rack-mounting capabilities. Essential for expanding connectivity and power delivery.</p>