CYNOVA AMZCYNOVA

CYNOVA DJI Mini 4K Two-Way Charging Hub User Manual

Model: AMZCYNOVA

1. INTRODUCTION

Thank you for choosing the CYNOVA Two-Way Charging Hub. This device is designed to efficiently charge your DJI Mini series drone batteries and can also function as a power bank for other USB-powered devices. Its compact and lightweight design makes it an ideal accessory for drone enthusiasts on the go.

2. SAFETY INFORMATION

To ensure safe operation and prolong the life of your charging hub and batteries, please observe the following precautions:

- Do not expose the charging hub to water or excessive moisture.
- Avoid extreme temperatures. Operate and store the device within recommended temperature ranges.
- Use only compatible power adapters and cables.
- The charging hub features built-in protections against overcharging, overvoltage, and short circuits. However, always monitor the charging process.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

The CYNOVA Two-Way Charging Hub is a versatile accessory for your DJI Mini drone. It allows for simultaneous charging of two drone batteries and can also serve as a portable power bank.

Image 1: The CYNOVA Two-Way Charging Hub with one DJI Mini battery partially inserted. Note the charging indicator lights above each battery slot.

Key Features:

- **Dual Battery Charging:** Charges up to two compatible DJI Mini series batteries sequentially.
- **Two-Way Functionality:** Can charge drone batteries and also act as a power bank to charge smartphones or other USB devices.
- **Smart Charging:** Prioritizes charging the battery with a higher charge level first to get you back in the air faster.
- **Compact & Portable:** Small and lightweight design for easy transport in your drone bag.
- **Safety Protections:** Equipped with overcharging, overvoltage, and short-circuit protection.

Image 2: An infographic detailing the product features including compatibility, material, input/output, and dimensions.

4. SETUP

4.1 Unboxing

Upon opening the package, you will find the CYNOVA Two-Way Charging Hub and a Type-C charging cable. Batteries are not included.

Your browser does not support the video tag.

Video 1: An official CYNOVA video showcasing the DJI Mini 4K Accessories, including the charging hub. This video provides a visual overview of the product.

4.2 Connecting to Power Source

Connect the provided Type-C charging cable to the Type-C input port on the charging hub. Connect the other end of the cable to a compatible USB power source (e.g., USB wall charger, power bank, laptop, car charger). For fast charging, use a fast USB-C charger.

Product Features

One product two compatible

More compatible

Mobile power

Fast charging

Easy to carry

Product Name:
CYNOVA Two-way charging hub

Main Material:
Environmentally friendly flame retardant PC

Applicable Models:
Mini 4K / Mini 2

Product Folding Size:
8.2 x 3.4 x 7.3 cm
3.23 x 1.34 x 2.87 inch

TYPE-C Input:
5V ⎓3A

USB Interface output:
5V ⎓2A

Compatible Battery Model:
MB2-2400 mAh-7.2V   MB3-1100mAh-7.6V   BWX161-2250-7.7

Image 3: The charging hub connected to a Type-C cable, illustrating various compatible power sources such as a USB charger, power bank, laptop, and car charger.

4.3 Inserting Batteries

Carefully insert up to two compatible DJI Mini series batteries into the designated slots on the charging hub. Ensure they are securely seated.

(Not Include Battery)

Image 4: The CYNOVA Two-Way Charging Hub with two DJI Mini batteries fully inserted into their respective charging slots.

5. OPERATING INSTRUCTIONS

5.1 Charging Drone Batteries

Once connected to a power source and batteries are inserted, the charging hub will automatically begin charging. The indicator lights above each battery slot will illuminate red while charging and turn blue when the battery is fully charged. The hub charges batteries sequentially, prioritizing the battery with the higher charge level first.

5.2 Using as a Power Bank

The charging hub can also function as a power bank. Connect your smartphone or other USB-powered device to the USB-A or USB-C output port on the side of the hub using an appropriate charging cable. The drone batteries inserted in the hub will then provide power to your device.

Two-Way Charging Hub
for DJI Mini 4K / Mini 2

Small and lightweight, easy to carry around.

Image 5: The charging hub connected via USB to a smartphone and a drone remote controller, demonstrating its power bank functionality.

6. MAINTENANCE

Keep the charging hub clean and dry. Use a soft, dry cloth to wipe the exterior. Do not use harsh chemicals or abrasive materials. Store in a cool, dry place away from direct sunlight when not in use.

7. TROUBLESHOOTING

- **Device not charging:** Ensure the charging cable is securely connected to both the hub and the power source. Verify the power source is active.
- **Batteries not charging:** Ensure batteries are correctly inserted into the slots. Check if the indicator lights are red. If not, try re-inserting the batteries or using a different power source.

- **Overheating:** If the hub feels excessively hot, disconnect it immediately from the power source and remove batteries. Allow it to cool down before resuming use. If the issue persists, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Product Name	CYNOVA Two-Way Charging Hub
Applicable Models	DJI Mini 4K, Mini 2, Mini SE, Mavic Mini 2 SE
Compatible Battery Models	MB2-2400mAh-7.2V, MB3-1100mAh-7.6V, BWX161-2250-7.7
TYPE-C Input	5V — 3A
USB Interface Output	5V — 2A
Main Material	Environmentally friendly flame retardant PC
Product Dimensions (Folded)	8.2 x 3.4 x 7.3 cm (3.23 x 1.34 x 2.87 inches)
Item Weight	3.17 ounces

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact CYNOVA customer service directly. Contact details can typically be found on the manufacturer's official website or product packaging.