Autel Autel EVO 2 Series Fly More Kit

Autel Robotics EVO II Series Drone Fly More Kit Instruction Manual

Accessory Bundle for Autel EVO 2/ Pro (V2 & V3)/ Enterprise/RTK/Dual (640T) Drones

1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your Autel Robotics EVO II Series Drone Fly More Kit. This kit is designed to enhance your drone experience by providing additional power and convenience for your Autel EVO II series drone.
The kit includes:

- 2 x Autel Robotics EVO 2 Series Drones Intelligent Batteries
- 1 x Autel Robotics EVO 2 Series Drones 4-in-1 Charging Hub
- 2 Pairs x Autel Robotics EVO 2 Series Drones Low-Noise Propellers
- 1 x Autel Robotics EVO 2 Series Drones Travel Bag/Shoulder Bag



Figure 1.1: Overview of the Autel Robotics EVO II Series Drone Fly More Kit contents.

2. Setup

2.1 Unboxing and Component Identification

Carefully unpack all items from the kit. Verify that all listed components are present. Familiarize yourself with each accessory.



Figure 2.1: All components of the Fly More Kit laid out for identification.

2.2 Battery Charging

The intelligent batteries may not be fully charged upon arrival. Use the provided 4-in-1 charging hub to charge the batteries. Connect the charging hub to a power source using a compatible power adapter (not included with this kit, typically supplied with the drone).

1. Insert the intelligent batteries into the charging slots on the 4-in-1 charging hub.
2. Ensure the power indicator lights on the batteries or charging hub illuminate, indicating charging status.
3. Charging is complete when all indicator lights on the batteries turn off or show a solid green (refer to your drone's main manual for specific battery indicator behavior).



Figure 2.2: Autel Robotics 4-in-1 Charging Hub.



Figure 2.3: Autel Intelligent Battery (MaxiEn 7100mAh).

2.3 Propeller Installation

The low-noise propellers are designed for specific rotation directions. Ensure correct installation to avoid flight instability.

1. Identify the propellers marked for clockwise (CW) and counter-clockwise (CCW) rotation. These markings are typically found on the propeller base.
2. Match the propeller type to the corresponding motor on your drone. Refer to your drone's main user manual for detailed propeller installation instructions.
3. Press down and twist the propeller onto the motor shaft until it locks securely in place.



Figure 2.4: Autel Low-Noise Propellers.

3. Operating the Kit Components

3.1 Intelligent Batteries

The intelligent batteries are equipped with smart management systems. To power on/off, press and hold the power button for 3 seconds. A short press will display the current battery level.

3.2 4-in-1 Charging Hub

The charging hub allows for sequential or simultaneous charging of multiple batteries (depending on the model and firmware). It prioritizes charging based on battery levels, ensuring efficient power management.

3.3 Travel Bag

The travel bag is designed to securely store and transport your drone and its accessories. It features padded compartments to protect components from impact and scratches.



Figure 3.1: Interior of the Autel Travel Bag.

4. Maintenance

4.1 Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not fully discharge batteries for extended periods. It is recommended to store them with approximately 50-60% charge.
- Avoid physical damage to the battery casing.

4.2 Propeller Care

- Inspect propellers for cracks, bends, or nicks before each flight. Replace damaged propellers immediately.
- Keep propellers clean from dust and debris.

4.3 Travel Bag Care

- Clean the bag with a damp cloth as needed.
- Avoid overloading the bag to prevent damage to zippers and seams.

5. Troubleshooting

5.1 Battery Not Charging

- Ensure the charging hub is properly connected to a working power source.
- Verify that the batteries are correctly inserted into the charging hub.
- Check for any visible damage to the charging hub or battery connectors.

5.2 Propeller Issues

- If the drone experiences unusual vibrations or noise, check if propellers are securely attached and undamaged.
- Ensure the correct type of propeller (CW/CCW) is installed on the corresponding motor.

For more complex issues related to the drone itself, please refer to the main Autel EVO II Series Drone user manual or contact Autel customer support.

6. Specifications

Component	Specification
Brand	Autel
Model Name	EVO II Series Fly More Kit
Battery Capacity	7100 Milliamp Hours (82Wh, 11.55V)
Battery Cell Composition	Lithium Polymer
Propeller Type	Low-Noise Propellers
Charging Hub	4-in-1 Charging Hub
Travel Bag Material	Fabric (Shoulder Bag)
Item Weight (Kit)	Approximately 3.74 pounds (1.7 Kilograms)
Product Dimensions	10"L x 10"W x 10"H (Approximate, for kit packaging)

7. Warranty and Support

This Autel Robotics product is covered by a manufacturer's warranty. For detailed warranty terms and conditions, please refer to the official Autel Robotics website or the warranty card included with your original drone purchase.
For technical support, service, or inquiries regarding your Fly More Kit, please contact Autel USA directly. You can find contact information and additional resources on the official Autel Robotics website: www.autelrobotics.com.

You can also visit the official Autel Store on Amazon for more products and support:Autel Store.

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