ciciglow K6

ciciglow K6 FPV RC Drone Instruction Manual

Model: K6

WELCOME

This manual provides essential information for the safe operation, setup, and maintenance of your ciciglow K6 FPV RC Drone. Please read it thoroughly before first use to ensure a safe and enjoyable flying experience.

Image: The ciciglow K6 FPV RC Drone, a foldable quadcopter with dual cameras and obstacle avoidance capabilities.

Package Contents

Please check the package contents carefully upon unboxing:

- 1 x Drone
- 1 x Remote Control
- 1 x Screwdriver
- 1 x USB Charging Cable
- 4 x Fan Blade Protection Rings
- 1 x Screw
- 2 x Printed Instruction Manuals
- 1 x Storage Bag

Note: Remote control batteries (3 x AA) are not included and must be purchased separately.

SAFETY GUIDELINES

Adhering to these safety guidelines is crucial for preventing accidents and ensuring safe operation:

- Always operate the drone in open, clear areas, away from people, animals, and obstacles.
- Do not fly near airports, restricted airspace, or sensitive facilities.
- Ensure the drone battery is fully charged before each flight.
- Do not operate in strong winds or adverse weather conditions.
- Keep fingers and hair away from rotating propellers.
- Adult supervision is recommended for users under 14 years old.
- Do not modify the drone or its components.
- Follow all local laws and regulations regarding drone operation.

SETUP

Drone Preparation

1. Carefully unfold the drone arms until they lock into position.

2. Attach the fan blade protection rings to the drone arms. Use the provided screwdriver and screws to secure them firmly.

Image: The ciciglow K6 drone with its arms unfolded and propeller protection rings attached, ready for flight. This image highlights the drone's design and obstacle avoidance features.

Remote Control Preparation

1. Open the battery compartment on the back of the remote control.

2. Insert 3 AA batteries, ensuring correct polarity (+/-).

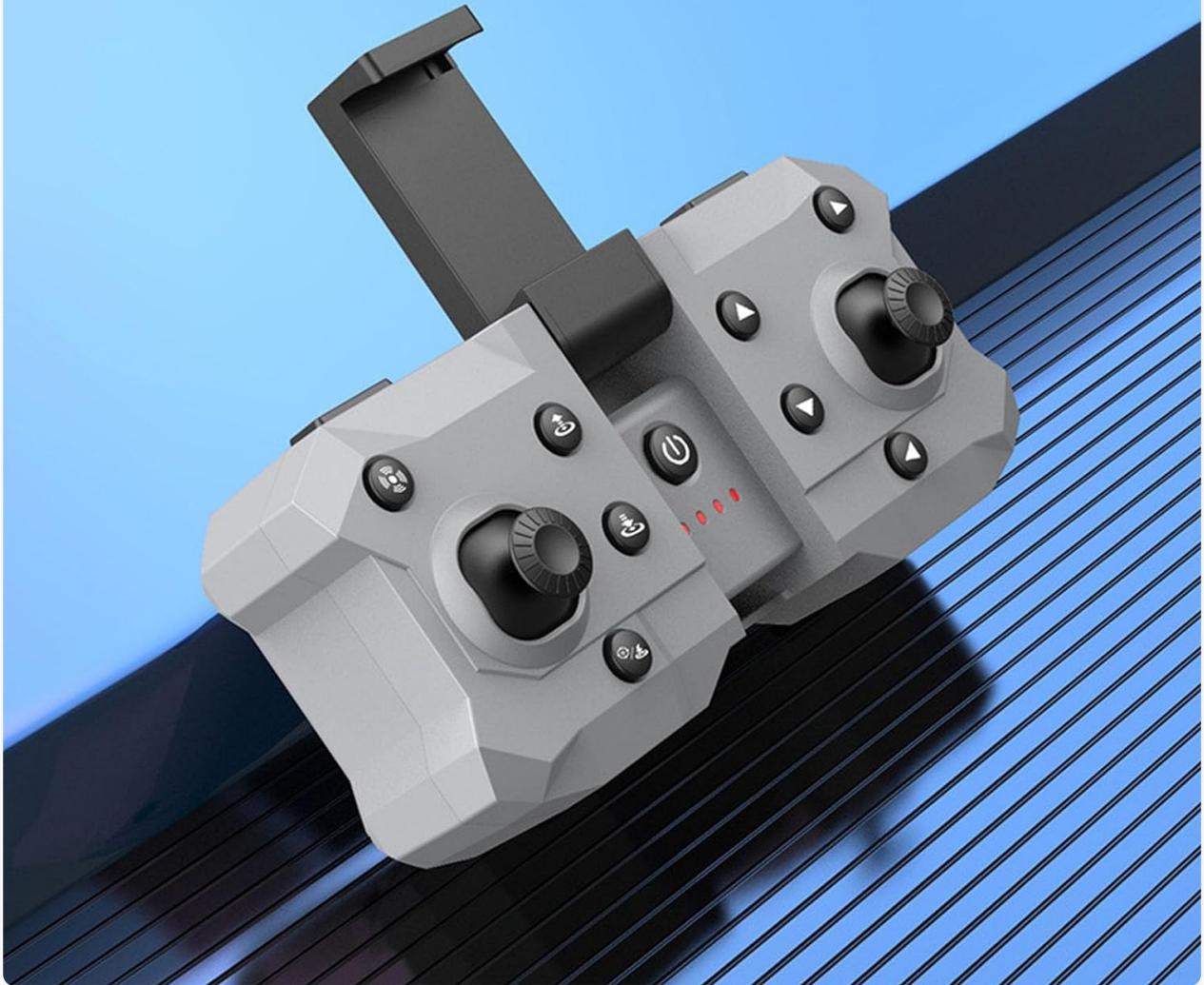3. Close the battery compartment securely.

Image: The ciciglow K6 drone remote control, featuring a foldable design and 2.4G high-frequency signal for stable communication.

Charging the Drone Battery

1. Connect the USB charging cable to the drone's charging port.

2. Connect the other end of the USB cable to a suitable USB power adapter (not included).

3. The charging indicator light on the drone will show the charging status. A full charge takes approximately 90 minutes.

4. Do not leave the drone unattended while charging.

OPERATING INSTRUCTIONS

Power On and Pairing

1. Place the drone on a flat, level surface.

2. Power on the drone. The indicator lights will flash, indicating it is in pairing mode.

3. Power on the remote control.

4. Move the remote control's throttle stick (left stick) fully up, then fully down. You will hear a "drop" sound, and the drone's indicator lights will stop flashing, indicating successful pairing.

5. The drone is now ready for flight.

Basic Flight Controls

Refer to the remote control diagram in the printed manual for specific button functions.

- **Throttle Stick (Left Stick):** Move up to ascend, down to descend. Move left/right to yaw (rotate left/right).
- **Directional Stick (Right Stick):** Move up/down for forward/backward flight. Move left/right for sideward flight.
- **One-Key Takeoff/Landing:** Press the designated button for automatic takeoff or landing.
- **Emergency Stop:** Press the emergency stop button to immediately cut power to the motors in an emergency.

Advanced Features

Omni-Directional Obstacle Avoidance

The K6 drone is equipped with infrared sensors that detect obstacles from multiple directions. When an obstacle is detected, the drone will automatically stop to prevent collisions, enhancing flight safety and making control easier.

Image: The ciciglow K6 drone in flight, illustrating its four-way intelligent obstacle avoidance system with blue wave indicators.

Intelligent Hover Height

The drone features air pressure fixed altitude hold, allowing it to maintain a stable hover at a set height. This makes flying easier for beginners and provides stable footage for photography, whether indoors or outdoors.

Image: The ciciglow K6 drone demonstrating intelligent hover height, maintaining a fixed altitude for stable flight and photography.

Dual 4K HD Camera System

The K6 drone is equipped with dual 4K HD cameras, allowing you to switch between front and bottom perspectives for varied shooting angles. The camera system supports 1 to 50x zoom via the companion app, offering more creative freedom.

**front camera with movie-quality pixels.
Bottom camera, free to switch the perspective.**

K6 DRONE

Front camera
flat view shooting, experience
the thrill of sprinting.

Bottom lens
top view shooting, bring
shocking visual experience.

Image: A detailed view of the ciciglow K6 drone's front and bottom cameras, highlighting its dual 4K HD camera system for versatile shooting.

Beauty Plus Filter Function

Utilize the Beauty Plus filter function within the drone's app for enhanced photo and video post-production directly after capture, providing a more excellent photographic experience.

Beauty plus filters, post production together. The post shooting process is done in one go, bringing you a better photography experience.

Image: Examples demonstrating the application of Beauty Plus filters for enhanced photographic results.

MAINTENANCE

Proper maintenance will extend the lifespan of your drone:

- **Cleaning:** Use a soft, dry cloth to clean the drone body and camera lenses. Do not use harsh chemicals or solvents.

- **Propeller Inspection:** Regularly check propellers for any signs of damage (cracks, bends, chips). Replace damaged propellers immediately using the provided screwdriver to ensure stable flight.

- **Battery Care:** Store the drone battery in a cool, dry place. Do not overcharge or completely discharge the battery. If storing for extended periods, charge the battery to approximately 50-60% to maintain its health.

- **Storage:** When not in use, fold the drone arms and store it in the provided storage bag to protect it from dust, moisture, and physical damage.

TROUBLESHOOTING

If you encounter issues with your drone, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Drone does not power on.	Battery is not charged or not connected properly.	Ensure the drone battery is fully charged and securely connected.
Drone does not pair with remote control.	Incorrect pairing procedure; remote control batteries low or incorrectly inserted.	Repeat pairing steps carefully as described in the 'Power On and Pairing' section. Replace remote control batteries if necessary, ensuring correct polarity.
Unstable flight or drifting.	Drone not calibrated; flying in windy conditions; damaged propellers.	Perform drone calibration (refer to the printed manual for specific steps). Fly in calm conditions. Check and replace any damaged propellers.
Camera not working or poor image quality.	Camera lens dirty; app connection issue; insufficient light; SD card issues (if applicable).	Clean the camera lens gently. Ensure proper connection to the companion app. Fly in well-lit conditions. Check if an SD card is required and properly inserted/formatted.

TECHNICAL SPECIFICATIONS

Feature	Specification
Product Model	K6
Material	ABS
Weight	Approx. 410g (14.5oz)
Frequency	2.4G
Color	Black
Charging Method	USB Interface
Camera Mode	FPV (First Person View)
Drone Battery	3.7V 1800mAH Lithium Battery (built-in)
Flight Time	Approx. 15 minutes
Charging Time	Approx. 90 minutes
Remote Control Batteries	3 x AA batteries (not included)
Remote Control Distance	150m (492.1ft)
Video Resolution	2048x1080

Feature	Specification
Image Resolution	4096x2160
Max Moving Speed	10 km/h
Max Ascent Speed	3 km/h
Suitable Age	14+ years

WARRANTY AND SUPPORT

Specific warranty information for the ciciglow K6 FPV RC Drone is not provided in this document. Please refer to the product packaging or contact the retailer/manufacturer directly for warranty details and customer support.

For further assistance or to explore other products, please visit the ciciglow brand store: ciciglow Store.