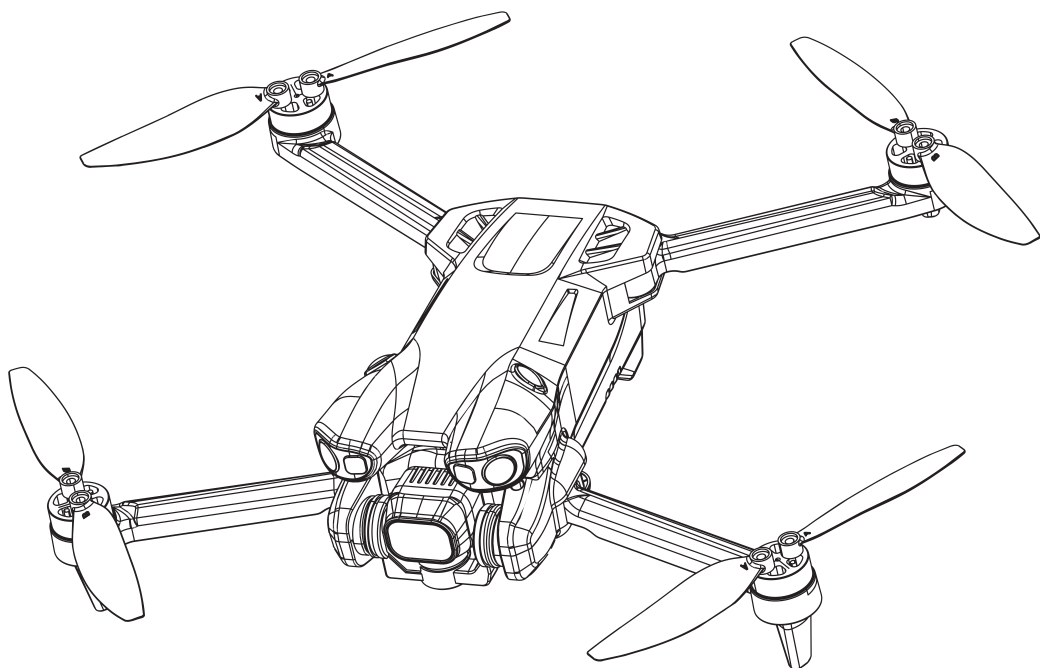


GT50 Quadcopter

Operating Instructions

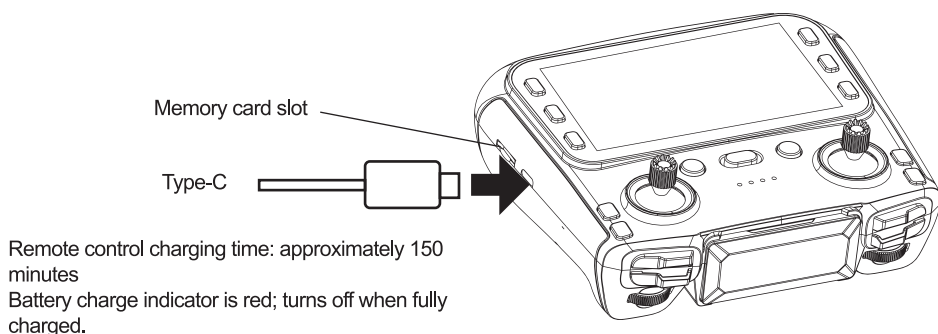


Please retain the user manual
for reference during routine main-
tenance and adjustments!



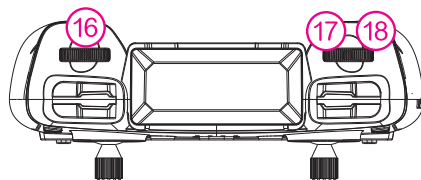
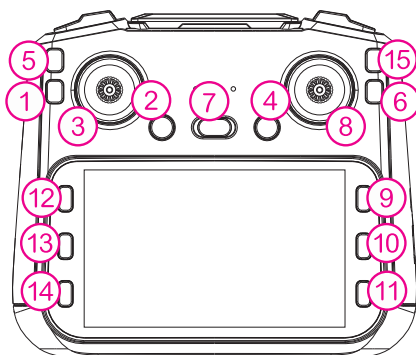
Scan the QR code to view
the instructional video.

Remote control charging



Remote control

Introduction to the Remote Control Functions



- | | | |
|--|---|--|
| ① Headless Mode | ⑦ Power Switch | ⑬ Take photo during flight/Flip up while viewing files |
| ② One-touch Take-off/Landing | ⑧ Forward/Backward/Left Flight/Right Flight | ⑭ Record video during flight/Flip down while viewing files |
| ③ Ascend/Descend/Left Turn/Right Turn | ⑨ Screen Switch | ⑮ Flip |
| ④ Unlock | ⑩ Camera Switch during control/Menu Switch when viewing files | ⑯ Speed switch |
| ⑤ Obstacle Avoidance | ⑪ Confirm | ⑰ Adjust camera upwards |
| ⑥ Gyro Calibration (Calibrate before take-off) | ⑫ Return | ⑱ Adjust camera downwards |

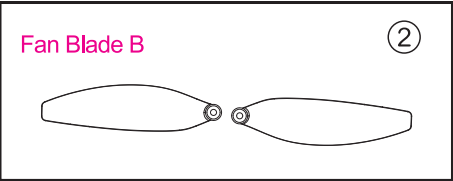
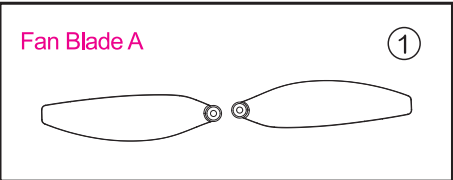
Aircraft

Aircraft Specifications

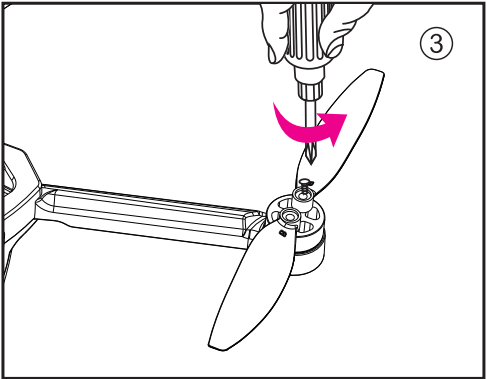
This aircraft boasts excellent manoeuvrability and stability, featuring real-time video transmission, data feedback, mobile phone control, photography and video recording, gesture recognition, waypoint navigation, and headless flight mode, alongside low-battery warning alerts.

Installation and replacement of fan blades

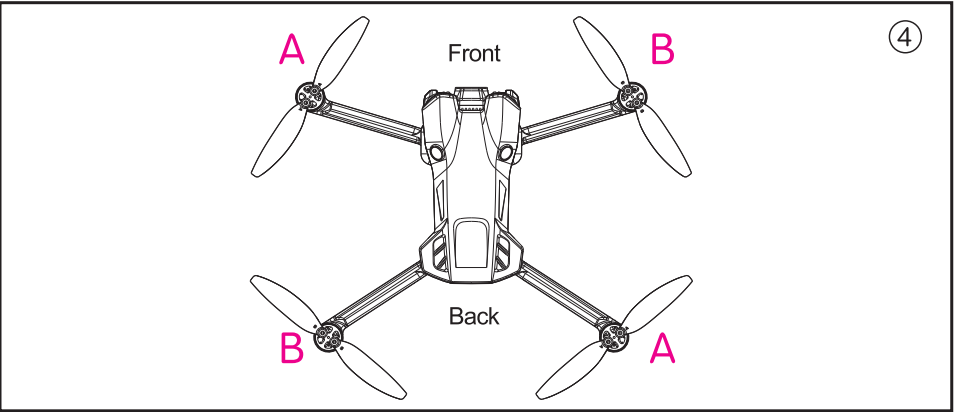
The fan blades used in this product are designated as Type A and Type B. Should they become damaged, please replace them with the spare blades provided in the accessory kit.



(1) As illustrated, during initial installation, please carefully distinguish between the A and B models corresponding to the fan blades.



(2) Referring to Figure 3, use the supplied screwdriver to unscrew the fasteners securing the blade requiring replacement. Remove the original blade, install the new blade to be fitted, and retighten the screws.

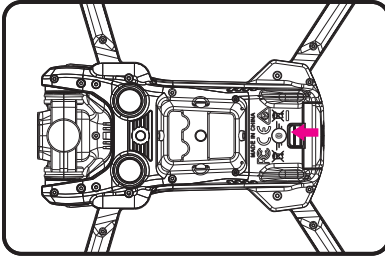


(3) Refer to Figure 4 and verify that the propeller model on the aircraft matches the illustration. The propeller must be installed in the correct position; otherwise, the aircraft will be unable to fly properly.

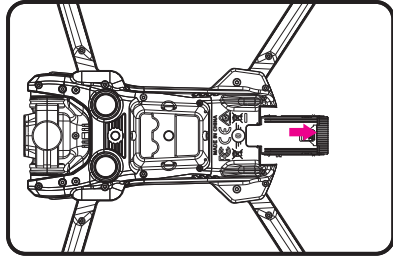
Aircraft Charging Method

(Please fully charge the battery before first use.)

The lithium battery used in this product is a 3.7V unit with integrated charge and discharge management functionality. This battery must be charged exclusively using the dedicated charging cable supplied with the product.

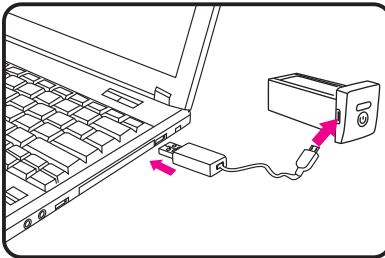


A. Press the release button

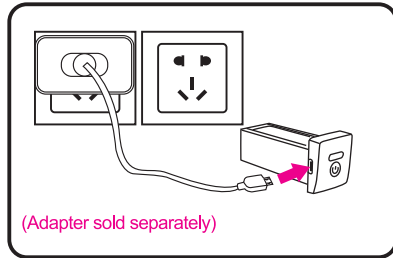


B. Remove the battery by pulling it backwards

Charging method



Method One: Connect the battery to the USB charging port via a USB charger



Method Two: Insert the plug into the socket, then connect the battery plug to the charger's female socket

Points to note:

Please use a charger with an output voltage of 5V or less.

Safety Precautions

1. The use of lithium batteries carries inherent risks and may cause significant harm to persons and property. Please exercise caution and assume all associated responsibilities.
2. Should the battery leak, avoid contact of the liquid with skin or eyes. If skin contact occurs, wash immediately with soap and water. If eye contact occurs, flush immediately with copious amounts of cold water and seek medical attention.
3. Should the charger emit a suspicious odour, produce abnormal noise, or emit smoke, disconnect the power supply immediately.
4. Do not charge batteries that are swollen, leaking, or damaged.
5. Avoid overcharging. Once the battery is fully charged, disconnect the charger.
6. Do not charge near flammable materials (such as carpets, wooden floors, solid wood furniture, etc.) or on conductive surfaces. Keep the battery within sight during charging.
7. Never charge a battery immediately after use if it remains hot.
8. Batteries should be charged within a temperature range of 0°C to 40°C (32°F to 104°F).

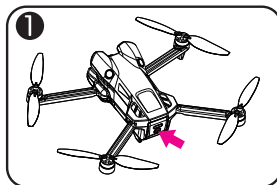
I. Quick Start



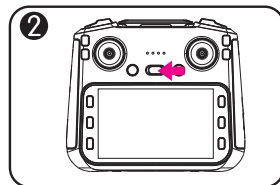
Note:

Step one: Switch on the drone's power

Step two: Switch on the remote control's power



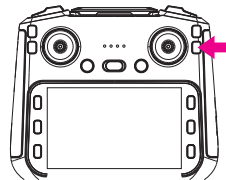
Switch on the drone's power supply



Switch on the remote control

1. Calibration

Switch on the aircraft's power switch and place it horizontally on a level surface. The aircraft's indicator light will now flash. Switch on the remote control's power switch; the aircraft will automatically perform frequency pairing. Once pairing is complete, press the gyroscope calibration button on the remote control. A beep will sound, and the aircraft's indicator light will flash rapidly before remaining steadily lit, indicating calibration is complete. The aircraft is now ready for take-off.

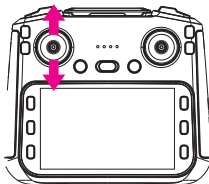


Please note that the gyroscope must be recalibrated each time you cease take-off and resume flight.

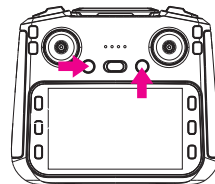
2. One-touch take-off and one-touch landing

Note: This product utilises a barometric altimeter for altitude measurement. Due to varying environmental factors such as temperature, slight fluctuations in altitude during initial flight or when operating at low voltage are entirely normal.

Operation must only be performed after the 2.4G frequency pairing has been completed.



Control take-off and landing via the throttle lever

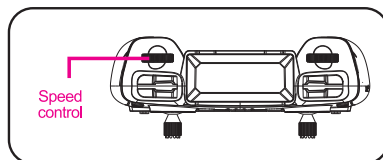


Control take-off and landing via the one-touch take-off/landing button (requires pressing the unlock button first)

II. Operation of All Flight Functions

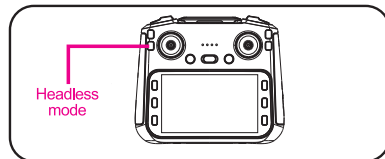
Charging method

Pressing the speed switch button on the remote control changes the aircraft's flight speed. When switching to medium speed, the remote control emits two beeps: 'beep' and 'beep'. When switching to high speed, the remote control emits three beeps: 'beep', 'beep', and 'beep'. Each time the remote control and aircraft are powered off and restarted, the aircraft's speed setting will automatically revert to low speed.



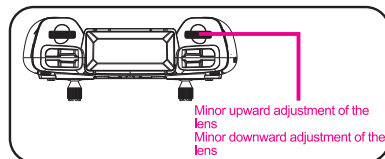
II. Operation of All Flight Functions

Headless mode



Up/Down lens adjustment

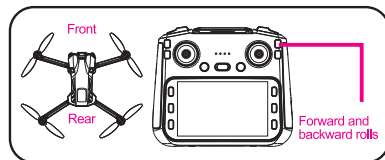
The drone camera is adjustable. Press the “Camera Up Fine Adjustment” button to tilt the drone camera upwards; press the “Camera Down Fine Adjustment” button to tilt the drone camera downwards.



Forward and backward rolls

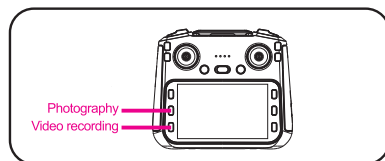
Press the roll button and then push the directional stick to perform forward or backward rolls.

⚠ Warning: This drone only performs forward and backward rolls!
Novices are advised to operate in open spaces. When used indoors, maintain a minimum clearance of 1 metre from ceilings to prevent collisions. Additionally, the roll function consumes significant power; minimise its use where possible.
(Rolling capability lasts approximately 10 minutes on a fully charged battery. Once power reserves are depleted, the roll function will be suspended whilst other functions remain operational.)



Photography/Video recording

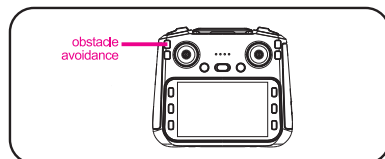
After powering on the aircraft, press the photo/video button to take photographs or record video.



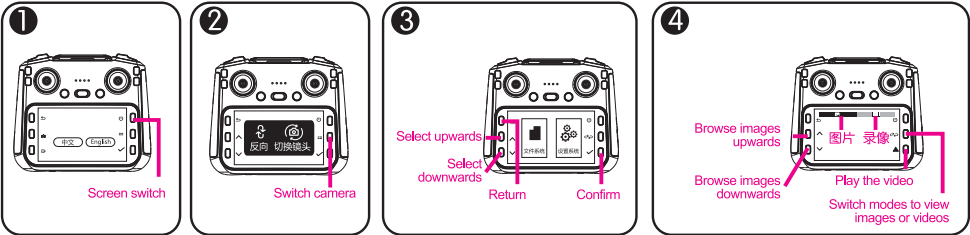
Obstacle avoidance mode

After the aircraft takes off, briefly press the “Obstacle Avoidance Mode” button. At this point, if the directional stick is moved in any direction, the drone's obstacle avoidance sensors will automatically detect whether an obstacle is present in that direction. If an obstacle is detected, the drone will be unable to fly in that direction.

⚠ Note: Under conditions of intense outdoor ultraviolet radiation, obstacle avoidance mode may experience reduced detection accuracy. Therefore, when activating obstacle avoidance mode, please avoid areas with strong ultraviolet exposure.



Screen operation



- 1. Dual language selection for Chinese and English (language settings are only accessible when the device is disconnected from the aircraft);
- 2. Press the right-hand up or down buttons to select the front or rear camera;
- 3. Press the return key to view files or access system settings;
- 4. When navigating the file system, use the right-hand toggle button to switch between images and videos, while the left-hand buttons control vertical scrolling.

Basic Operations

Remote control	Aircraft	Control method
	Ascend Descend	Push the left control stick upwards for the aircraft to ascend vertically; Pull the left control stick downwards for the aircraft to descend vertically.
	Rotate clockwise Rotate anticlockwise	Push the left control stick to the right, and the aircraft rotates clockwise; Pull the left control stick to the left, and the aircraft rotates anticlockwise.
	Advance Retreat	Push the right control stick upwards, and the aircraft flies forward level; Pull the right control stick downwards, and the aircraft flies backwards level.
	Move left Move right	Push the right control stick to the right, and the aircraft flies to the right; Push the right control stick to the left, and the aircraft flies to the left.