

Part 1: Read before the first flight

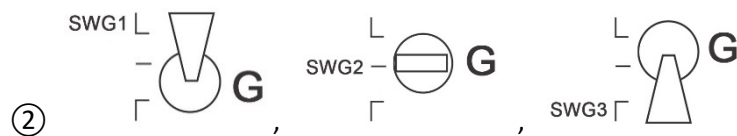
warning: This model is not a toy. Please read this manual carefully before operation.

1. Put 8 AA batteries in the remote controller battery case and plug in the cable
2. Install the helicopter on the mutli purpose stand, charge the helicopter battery.

3. Remote controller switch function:



SWA switch is throttle switch, SWA2 is throttle disable, SWA1 is throttle enable.



SWG switch is flight mode switch.

SWG1 is self-stabilizing mode (helicopter needs manual control to stabilize and balance, and requires flight experience for this mode).

SWG2 is a positioning mode (helicopter can automatically keep position holding. it is recommended that beginners practice flying from the positioning mode firstly).

SWG3 is a positioning + headless mode (in addition to the position holding, the helicopter always locks flight orientation as the orientation of the head when the motor unlocked, and the remote control always maintains the front, rear, left, and right control of the helicopter, no matter where the tail is facing).



SWF switch is a one-key return to home (RTH) switch. SWF1 is function disable. When switched to SWF2, the helicopter will return home point automatically and auto land at the position according to the takeoff point. During the returning helicopter is not allowed to be controlled. If it's necessary to control, please switch to SWF1, then the remote controller will get control.

④ The rest switches have no function assigned.

4. Return function introduction(RTH)

- ① SWF one-key return, refer to above description.
- ② Remote controller signal lost return

If the signal between the helicopter and the remote control is lost, the helicopter will automatically return. After getting control signal, you can continue to control the helicopter. If no signal recovery, the helicopter will automatically return and land at the home point.

③ Low battery return

When the helicopter battery voltage is lower than the minimum value set during the flight, the helicopter will automatically return to the home point and be not able to be controlled by the remote controller. Please be care of the flight time according to the actual situation.

Note: In this case, if the helicopter is far away from the home point. The battery power is insufficient to support the helicopter flying back. It will fall down and crash. It is recommended flying distance should not exceed 50 meters, altitude not exceed 20 meters.

Part 2: Flight Guide

1. Read **"Read before the first flight"** before flight carefully.
2. **Firstly, turn on the remote controller**, switch SWA to SWA2, and then power on the helicopter, wait for the flight controller light flashing green (with GPS signal)
3. **Follow these steps to unlock the helicopter.**
 - ① Press and hold the safety switch (red button) until the red light is solid.
 - ② Push the remote controller left stick to the lower right corner and right stick to the lower left corner (whatever mode you use) until the flight controller light solid green.
 - ③ Switch SWA to SWA1 and the throttle stick remains at the lowest position until the main blade of helicopter begins to rotate. Release the throttle stick, wait for a few seconds, after the motor reaches its normal value power, then you can start the flight.
4. **Take-off in positioning mode (suggest newbie to select this mode to start flying)**
 - ① Before the helicopter unlocked, make sure the GPS signal is strong enough (green light flashing), switch SWG to SWG2 (positioning mode), and then follow the unlocking procedure to unlock the motor.
 - ② After the blade starts rotating, wait for a few seconds. When the motor reaches normal value power, push the throttle stick up 1-2 frames (about 70% throttle). A while later, the helicopter will climb vertically. If you need stop climbing, please release the throttle stick. When landing is required, please push down the throttle stick, the helicopter will lower the altitude until it lands on the ground. (the elevated speed depends on the throttle stick moving extent)
 - ③ Move the throttle stick (mode 2) to left and right, you can control the helicopter rudder direction, Left counterclockwise spin or right clockwise spin. The right stick (mode 2

lift/aileron) controls the front, rear, left, right direction movement of the helicopter.

- ④ Careful of the flight time and distance; To avoid over-discharge of the battery, please keep the flight time within 4-5 minutes, otherwise the helicopter will start the Low battery return, automatically return & landing, this may affect the battery life.