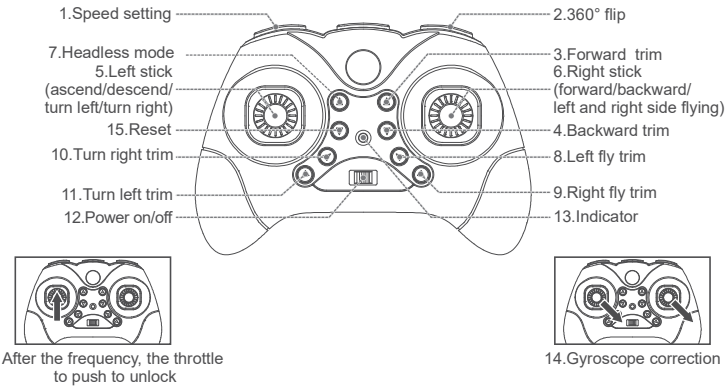


AGE: 14+

4-AXIS AEROCRAFT
INSTRUCTION MANUAL



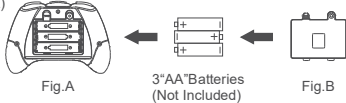
FIXED VERSION FUNCTION KEYS & NAME DESCRIPTION



Serial Number	Function keys / Names	Function / Effect
1	Speed setting	Low/medium/high speed setting adjust the aircraft left / right / forward / backward / left / right side fly speed.
2	360° Flip	This button is for 360 degree flip function , control the aircraft achieve the 3D flip function.
3~4	Forward/backward trim	If the vehicle move to the forward (backward) without any operation , press the trim button backward (forward) correspondingly , it can make the vehicle more stable.
5	Left stick	Up/down, left/right turn 360° rotation.
6	Right stick	Forward/backward, left/right.
7	Headless mode	To activate Headless Mode,press the Headless button
8~9	Left/ right fly trim	If the vehicle move left (right) without operation,press right (left) trim button correspondingly.
10~11	Turn right/left trim	adjust yaw trim,craft spins right or left
12	Power ON/OFF	Remote controls power switch,short open the power,and then long press 3 seconds cut off power supply.
13	Indicator	1) Indicating lamp intermittent flicker:said remote controller has not started, to the throttle stick to push to the top end, and then drag the low-end before they can start remote controller. 2) Indicating lamp kept fast flash: said remote controller in on code state, with the receiver for code. 3) Indicator light: remote controller in flight control state.
14~15	Gyroscope correction/Reset	When the fuselage is not smooth during flight, the aircraft can be placed on a horizontal position, gyroscope correction.

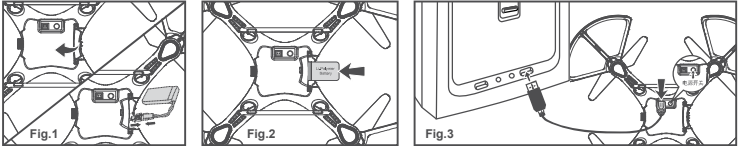
REMOTE CONTROL BATTERY INSTALLATION

- 1.Remove the battery cover from the back of controller (Fig. A)
- 2.Install 3 "AA" batteries into the controller, make sure to install batteries to their correct polarity. (Fig. B)
Do not mix old and new batteries or battery types.
- 3.Replace the battery cover



THE INSTRUCTION OF LITHIUM BATTERT CHARGING

- ① Open the aircraft battery cover and connect the plug on the lithium battery wire end to the wire outlet in the aircraft battery bay.(Fig.1)
- ② Install the lithium battery into the battery compartment and cover the aircraft battery cover.(Fig.2)
- ③ Insert the USB charging cable plug into the USB power socket, and then connect the other end to the charging socket of the aircraft. When charging, the LED lights on. When the charging is completed, the LED lights off. The charging time is about 60 minutes.(Fig.3)
- ④ After the charging is completed, the aircraft's power switch is turned on, and the light of the aircraft body is slowly flashing. At this time, the aircraft is looking for a frequency indication.



Attention:

- 1.Make sure the voltage of the USB charger fits the local electricity supply.
- 2.The Charging plug will overheat if overcharged. Please stop charging immediately as it may cause damage to the battery.
- 3.Do not leave the battery aside when charging.
- 4.Do not use other chargers other than the one supplied in consideration of safety.
- 5.Recharge the battery 30 minutes later after flying, because the battery temperature could be too high when flying and charging immediately could damage the battery.
- 6.Do not leave the battery in the fire in consideration of safety.
- 7.Do not short circuit the battery. Do not leave the battery together with tiny medal parts in consideration of safety.

PREPATATION FOR FLIGHT:

1. please operate in spacious indoor or outdoor without rain or snow,and wind power should be below 4 grade,be away from people,animals and obstacle.
2. Make sure the battery of the quadcopter is well installed and connected.Turn on the switch of the quadcopter,the indication light of the quadcopter is flashing,then put it on the flat place and wait for the frequency adjustment.
3. Turn on the switch of the transmitter,pull the throttle stick to the highest position,and then pull the throttle stick down to the lowest position.There indication light of the quadcopter is on,that means the frequency adjustment is connected completly and it is ready for flight.

MANIPULATION METHOD

Ascending Descending	Push up the throttle stick, and the spinning speed of the main blades will increase. the aerocraft begins to ascend. Pull down the throttle stick, and the spinning speed of the main blades will decrease. the aerocraft begins to descend.	
Turn right Turn left	Push the rudder stick to the left, and the aerocraft will turn to left. Push the rudder stick to the right, and the aerocraft will turn to right.	
Forward Backward	When the rudder stick is pushed upward, the aerocraft swashplate will downtilt and it advances. When the rudder stick is pushed downward, the aerocraft will uptilt and it recedes.	
Left sideward fly Right sideward fly	When push the right lever (steering rudder) to the right, the aerocraft will fly to the right. When push the right lever (steering rudder) to the left, the aerocraft will fly to the left.	
If the aircraft can not be vertical rise up , need to re-set it , press the throttle lever and direction of operation joystick to the bottom right corner of the controller for 3 seconds , indicator will flashes quickly , after it stop flashing ,then loosen all the remote control button , the calibration is completely.		

NOTICE:if the drone is rotating in the air uncontrollably, adjust the ruddertrimming buttons until the drone is stable.

COMMON PROBLEM AND SOLUTION INSTRUCTION:

THE PROBLEM	REASON	COUNTERMEASURES
The indication light of the quadcopter is flashing and without reaction when operated.	1.Frequency modulation between the quadcopter and remote control is not operated correctly. 2.Insufficient battery power.	1.Refer to the Preparation for taking off, and re-modulate the frequency. 2.Recharge the battery.
The quadcopter blades turn around but the quadcopter cannot take off.	1.Insufficient battery power. 2.The blades distorted.	1.Recharge the battery . 2.Replace the blades.
The quadcopter shakes hardly.	The blades distorted.	Replace the blades
The fine tuning button are all on but the quadcopter still couldn't keep balance.	1.The blades distorted. 2.The motor doesn't work properly.	1.Replace the blades. 2.Replace the motor.
The quadcopter loss of control after crashing.	Three-axis acceleration sensor lose it's balance after crashing.	Put the quadcopter on the ground for 5-10 seconds.

PRECAUTIONS:

1. The remote controlled distance will be shorten when the power (aerocraft or transmitter) is insufficient.
2. It is difficult to take off or fly not high when aerocraft' s power is insufficient.
3. When the aerocraft is damaged, please repair it in time and stop operating, or it may lead to injury.
4. If you do not use the transmitter for a long time, please remove the batteries to avoid the batteries' leakage.
5. Do not drop the transmitter from the high altitude or crash it badly, otherwise, it will shorten the transmitter's using life.

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.