# All-in-one Drone
L6082 *Air Genius*
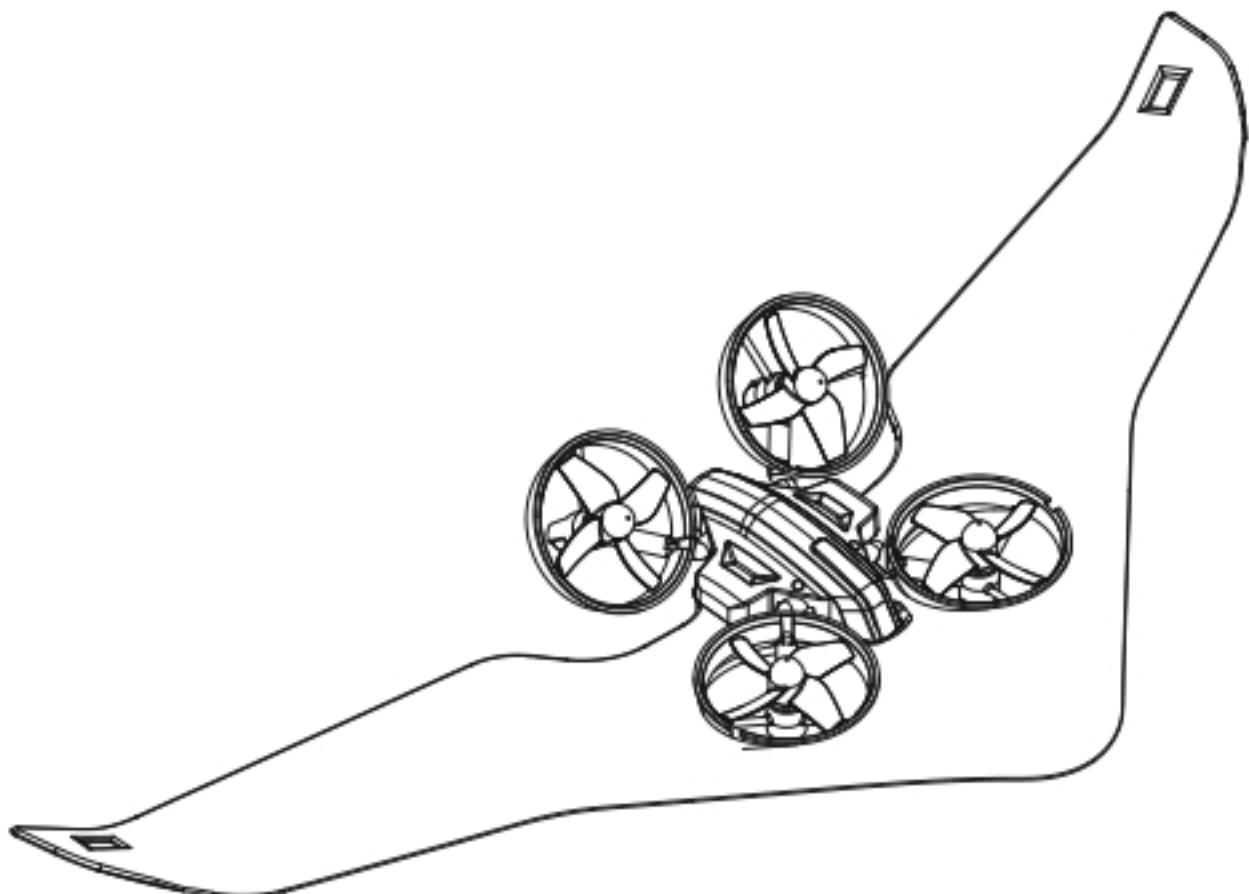
MANUAL

Please read this instruction clearly (especially the CAUTIONS and WARNING part). Please keep this manual for future reference.

CAUTIONS:

1. Safety Information

(1) This product is a high precision device and integrates mechanics, electronics, aero-mechanics and HF transmit etc., and only accurate assembly and debugging can avoid any possible accident. The owner of the device should operate in a safe way and any personal injury or property loss caused by inappropriate operation shall be beyond of our responsibilities, because we will not control, assemble and operate the device.
(2) This product is applicable to the population over 14 years old, with certain model operation experience.
(3) The airdrome should be locally legal for model operation.
(4) We will not take any responsibility related to safety in terms of operation, use and control upon the sale of the product.
(5) Please contact the local specified distributor entrusted by us for any problem to operation and maintenance.

2. Cautions

The drone is a high-risk product, please keep it away from the crowd while playing.It might cause damage of the drone or personal injury by improper assembly, poor control or unfamiliar operation, please be cautious.
(1) Keep away from obstacles and the crowd. The drone has uncertain flying speed and various states, which bring about potential danger. Keep away from the crowd, high building and high-voltage wire etc., and avoid severe weather to ensure the safety of the operator, surrounding crowd and property.
(2) Keep away from humid conditions. The drone consists of many precise electronic components and mechanical elements which should be kept away from humid conditions or water in case of malfunction.
(3) Safe operation. Pay attention to the operator's state and operation skill, and avoid fatigue operation with lassitude or improper operation which would bring about possible danger.
(4) Keep away from the parts of high-speed revolution. The operator, surrounding crowd and any objects should keep away from the components of high-speed revolution in case of danger or damage.
(5) Keep away from heat source. The drone is made of metal, fiber, plastic and electronic elements etc., which should be kept away from heat in case of deformation or damage due to high temperature. This product is using Li-Po battery Li-Po battery differs from the common batteries, which contains the chemical materials by means of thin tinfoil. This design can reduce the weight of the battery but also make it more brittle to rough or improper operation. Like other batteries, any incorrect operation would cause fire or explosion.
•Do not charge the battery when putting it inside the drone, which might cause fire and damage.
•Please keep the drone with 50% power if you do not play it for a long time, to extend the battery life. In that case, charging for the next time needs only half time for a full charging.
•Please use the original charger.
•Do not charge the battery on the carpet to avoid fire.
•Please recharge the Li-po battery if it is stored more than 3 months for the sake of normal lifetime.

ACCESSORIES:

1. RC drone	*1	5. Battery	*1
2. Airship casing	*1	6. Manual	*1
3. Glider wing	*2	7. Transmitter	*1
4. USB charging cable	*1	8. Sticker	*2

PRODUCT SPECIFICATION:

Product Size： DRONE.9x9x3 cm; GLIDER.32x12x4 cm

SWITCHING.12.5x11.5.5 cm

Product Battery:Li-Polymer 3.7V 300 mAh

Remote Battery:4 x 1.5v AAA   Remote control distance:30m

Flight duration： DRONE MODE About 7 minutes;GLIDER MODE About 7 minutes

SWITCHING MODE About 10 minutes;

PRODUCT SPECIFICATION:

REMOTE BATTERY SETTING:

Place batteries according(+/-)
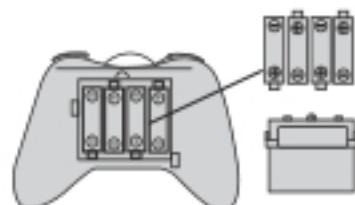
DRONE BATTERY CHARGING

Power socket
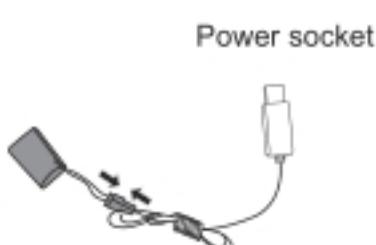
Remove the battery   Charging batteries   Install battery
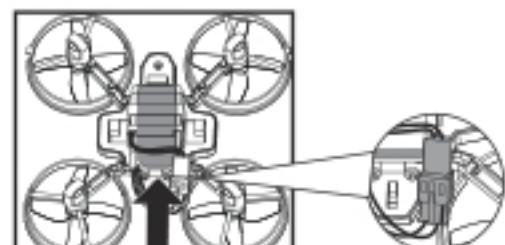
Take out the aircraft battery, then connect the charging head of the USB charging cable to the battery charging socket, and connect the USB terminal to the power supply for charging.

Pay attention to the following when charging:

-Do not leave the charged battery in a hot place, such as an open flame or electric heater, otherwise it may be damaged or explode.

-Do not immerse the battery in water. The battery should be stored in a dry place.

-Do not disassemble the battery.

-Do not leave when charging

REMOTE INSTRUCTION:

① Switch
② Left stick (Accelerator)
③ Right Stick
④ Drone mode
⑤ Glider mode.
⑥ Airship mode
⑦ Speed control button
⑧ Forward and backward trimming
⑨ Left and right fly fine tuning
⑩ HEADLESS MODE (Drone mode only)
⑪ 360° Stunt (Drone mode only)
⑫ Light switch
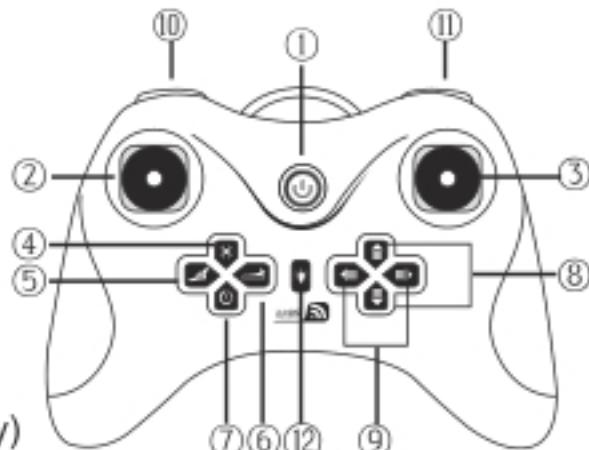
PREPARATION BEFORE FLIGHT

1 .Match the 2.4G frequency
Turn on the drone, put the drone on the flat, and the drone signal will keep flicker, then turn on the remote control, push the left stick forward and backward.)

2. Reset operation.
When the frequency is matched, pull back both the left and right joysticks and keep for a minimum of three seconds or more. The aircraft's indicator light flashes firstly and then keeps on constantly, indicating that the reset is successful.

MODE SWITCHING

1. Drone flight mode: drone flight mode by default upon the aircraft is powered on, and the drone indicator light is green.
2. Gliding flight mode: Press the gliding mode button on the remote control, the drone indicator light turns red, and the aircraft turns to gliding mode.
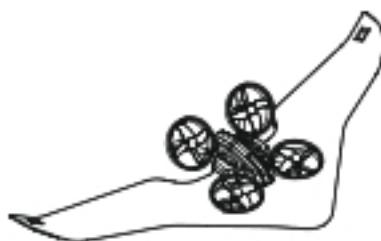
3. Airship flight mode: Press the gliding mode button on the remote control, the drone indicator light changes to blue, and the drone turns to the airship mode.
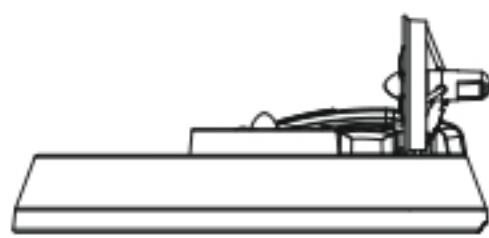
# GLIDER AND AIRSHIP ASSEMBLY

1. GLIDER ASSEMBLY
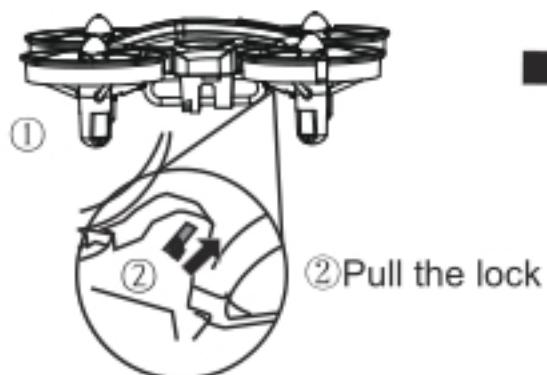
③The back two spirals turn up 45 degrees

①Drone mode

②Pull the lock
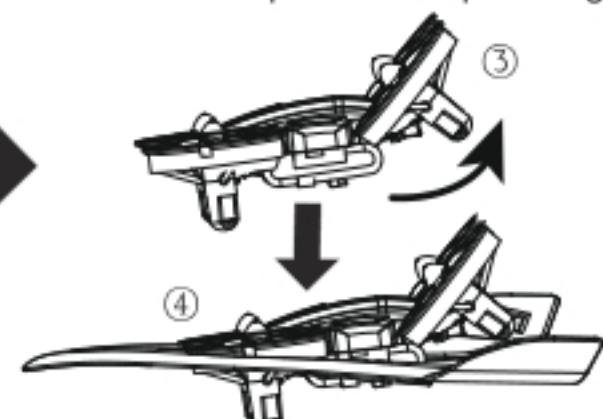
④Mounted on a drone with a glider wing

2. AIRSHIP ASSEMBLY
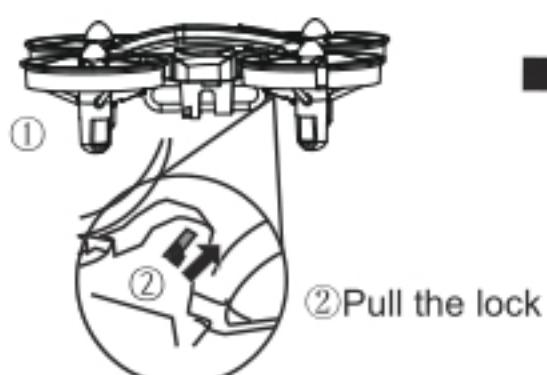
③The back two spirals turn up 90 degrees

①Drone mode

②Pull the lock
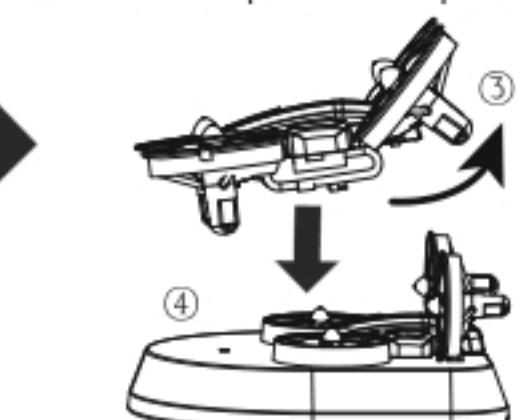
④Mounted on a drone with an airship base

FLYING CONTROL

1, DRONE MODE

Files up; Files down

Flies up

Flies down
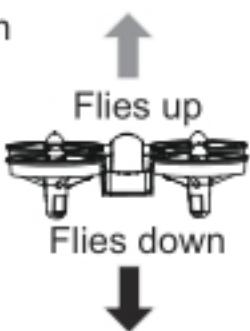
Turn left; Turn right

Forward; backward
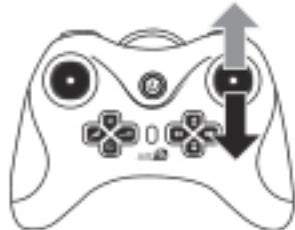
Forward

backward

Left side fly; Right side fly

Left
side fly

Right
side fly

2, GLIDER MODE

Flies up; Flies down

Flies up

Flies down
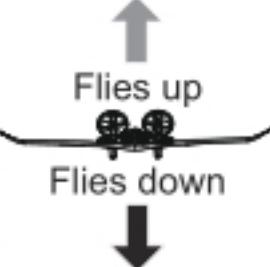
Turn left; Turn right
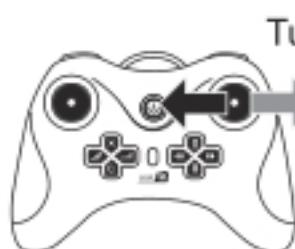
Turn left

Turn right
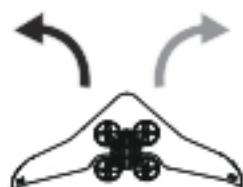
Forward; backward

Forward

backward

3. AIRSHIP MODE


Accelerator

Forward

Turn left, Turn right
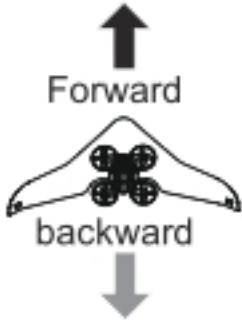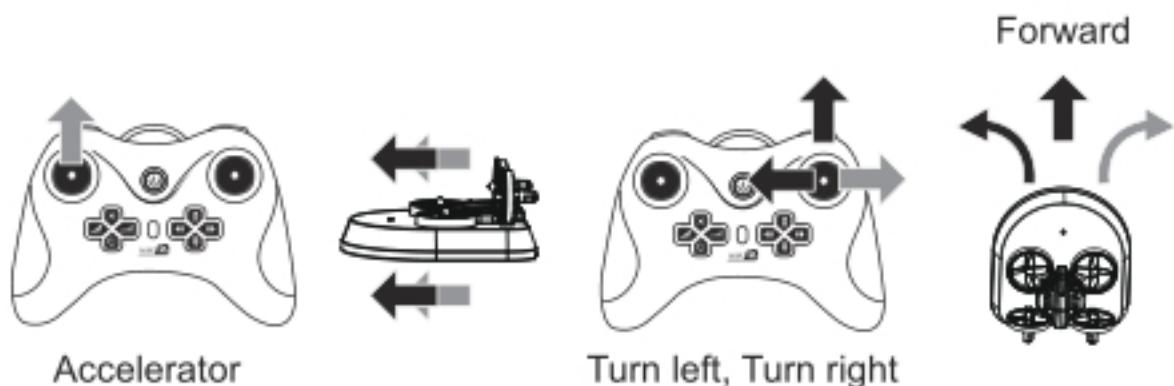
FINE TUNING CONTROL

After taking off, when you feel the drone body inclined to the back side, press the forward micro adjustment button.

After taking off, when you feel the drone body inclined to the right side, press the left micro adjustment button.
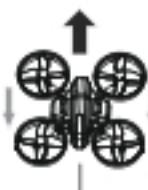
After taking off, when you feel the drone body inclined to the left side, press the right micro adjustment button.
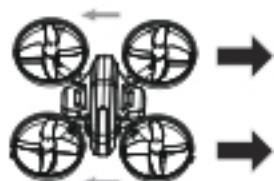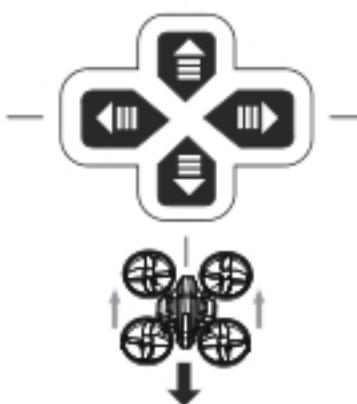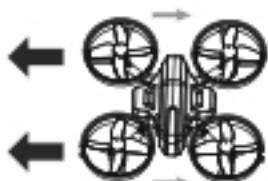
After taking off .when you feel the drone body inclined ahead, press the backward micro adjustment button.

* NOTE: Tidy the power line of the battery when under the drone mode to keep stable flight as the following figure shows.
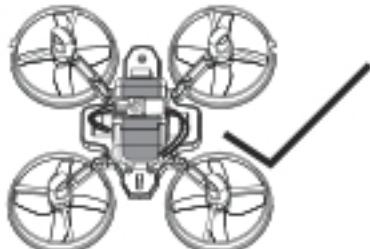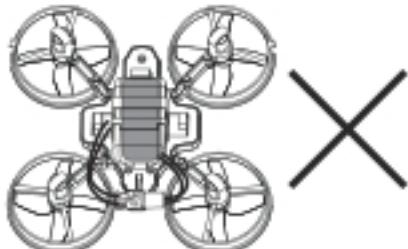
FEATURES

1. 360°STUNT FLIP FUNCTION (DRONE MODE ONLY):

When you are familiar with the basic actions, you can proceed to explore even more exciting stunt actions. Fly the drone to a height of above 3 m above the ground, press the button (Stunt Flip Button) on the remote control and then push the right joystick to the farthest position of Front/Back/Left/Right, the drone will now execute the Front/Back/Left/ Right stunt flip function.
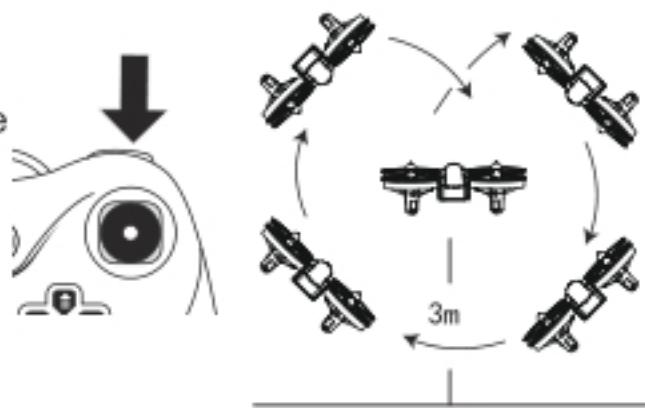
2. HEADLESS MODE:

When the headless mode is on, the drone will base on the remote control as reference to reset the direction of right, left, forward and backward. (Push forward the right stick, the drone will fly away; push backward, the drone will fly back.)

1 .Flying direction setting: Put the drone right in front of you, point the remote towards the back of the drone, then press one key taking off.

2. Press the right joystick of the remote control to make a "Bi" sound, and the aircraft lights quickly to enter the headless mode. Press the remote button again to make a "flute" and exit the headless mode.

3. LIGHT SWITCH

Press the light button on the remote control to turn on the light effects on the aircraft.

4.SPEED CHANGE

Press the left joystick down to adjust the speed of forward, backward, left and right side and steering; the speed is divided into three gears, the default is one gear, press "di" two sounds for the second gear, then press "di, di, The three-tone is the third gear, and when you press the "di", it returns to the first gear.

* FOR MORE DETAILED INSTALLATION AND CONTROL INSTRUCTIONS, PLEASE SCAN THE QR CODE.

NOTE: 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

Changes or modifications not expressly approved by the party responsible for compliance could

  void the user's authority to operate the equipment.

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.