

Environment for flight

Please choose in the spacious indoor flight, and ensure that no obstacles, animals in the surrounding.

Note:

- Please make sure the ambiances before fly-Do not make the LADYBUG fly out of sight when flying
- Child playing must be guided by adult.

Pre take-off

1. Set LADYBUG on a horizontal flat surface, and turn on the LADYBUG (face to tail rotor).
2. Ensure that you are at least one meter away from the back of the LADYBUG (face to tail rotor).
3. Reduct the area to make sure it is away from crowd, animal and other obstacles.
4. Turn on the transmitter power, the state indicator light begin to slowly twinkling, push up the throttle control lever at its highest position and pull back it to lowest, the indicator light is steady light, and the transmitter can normal usage. At last you can see another green indicator light of the receiver is on, and the control signal is received by the receiver, so you are ready to take off.

Control of Attention

Control a LADYBUG flight range of about 50m, LADYBUG will be out of control out of range. Warning: strong winds in flight, may be beyond the control of the LADYBUG, causing the LADYBUG out of control. Flight time: full power and light wind conditions, LADYBUG flights with in 50 m above the range, if less than a minute of flying time, please re-charge.

Please refer to user manual in order to ensure the correct operation of the flight.

Battery Installation and charge

Battery installation

1. Use screwdriver to open the transmitter battery cover
2. USE 6X1.5V "AA" batteries (not included).
3. Lock the battery cover

NOTE: for correct installation of battery polarity

Be charged to the LADYBUG

LADYBUG use charging port to connect the charger interface (Can also charge two LADYBUG)

The charger into a socket for charging, red light when charging, charging is completed the display is red

LADYBUG on the frequency

1. Transmitter off, the transmitter throttle stick to bottom, with the select to "ON" position will automatically frequency. Note: if you do not throttle stick to bottom, would not be the right way.
2. the frequency of successful control LADYBUG

Menu settings

How to enter the menu to switch

mode 2
Left hand throttle with the direction of the fly with the mode convention

mode 4
The left hand throttle with forward and backward side of the fly trimmer

mode 3
The right hand throttle with forward and backward side of the fly trimmer

Higher low-speed mode

Low-speed mode
BEEP once the low-speed mode

High-speed mode
BEEP two high-speed mode

LCD menu display "FULL" (High-speed mode) "HALF" (Low-speed mode)

3D tumbling action:

Flight status, press the Menu key (will be issued the "BEEP" sound), to reach full speed, and then pushed under the direction of the rod do to roll.

Control methods

Ascending		When you push up the left control lever (throttle), the spinning speed of the main rotor is increase and the LADYBUG begin to ascending.	
Descending		When you push down the left control lever (throttle), the spinning speed of the main rotor is decrease and the LADYBUG begin to descending.	
Nose turing left		When the left control lever (rudder) is moving to left, the nose of the LADYBUG turns to left.	
Nose turing right		When the left control lever (rudder) is moving to right, the nose of the LADYBUG turns to right.	
Forward		When you push up the right control lever (forward/backward rudder), the nose incline to down, the LADYBUG is moving to forward.	
Backward		When you push down the right control lever (forward/backward rudder), the nose incline to up, the LADYBUG is moving to backward.	
Left Flying			
Right Flying			

Safety Guide of Lithium Battery

Warning

In the non-allowed situation, charging the lithium battery may cause the fire, personal injury and property loss. Users shall be aware of the risk existed in the product. The producer, sellers possible accidents, please read carefully and completely, safety guide and instructions for power charging before using this product.

please keep the battery out of the touch of children and pets. the users under the age of 18 shall use it under adult's custody. children under 14 years are not suitable for operating and controlling it.

Warranty of Lithium Battery Use

Warranty of product is only confined on raw material and workshop, and we don't warrant the products. In any events, our company's compensation will not exceed the value of retail price.

1. Don't charge for long time under no attention, in order to avoid accident for the reason of overcharge.
2. Please only use the charger offered in this product to charge the battery.
3. Forbid to disintegrate and dismantle the battery.
4. Prohibit to use and place the battery beside the high-temperature source and easy-burning objects.
5. During charging the battery, forbid to cover the charger and battery, and maintain ventilation and ensure the charge under the safety and firefighting situation.
6. If battery has one of following phenomenon of special odor, overheating, color changing, distorting or any abnormal phenomenon during application, storage, and power charge, please immediately move the battery out of the machine or teh charge to outdoor safe place (don't litter about the battery with abnormal phenomenon, we shall adopt safe measures th deal with it), in order to arouse burn and explosion of battery.
7. Forbid to store or transport the battery with metal.
8. Forbid to put battery into hte fire or heat it.
9. Forbid to use metal to connect he anode and cathode of battery.
10. Forbid to overturn the anode and cathode of battery.
11. If any leakage arouses from the battery, and electrolyte comes into the eyes, please don't rub your eyes, use clean water to rinse the eyes, and then immediately go to hospital for medical treatment, otherwise it will hurt your eyes.
12. If you don't use battery, you shall store it in a shady, cool and dry environment.

Product Introduction

4-Channel with three axis gyroscope, ascend/descend, forward/backward, left and right, sideward flight, steering, hover, 3D tumbling action

Attentions for controlling the 2.4GHz

1. ensure safe and accurate operation and control, and children under 14 years are not suitable for controlling the helicopter.
2. If you don't have rich control experience on 2.4GHz LADYBUG, we suggest you shall learn to control it under the guide of a 2.4GHz LADYBUG controller with rich experience. manufacturer and distributors will not bear any responsibility on product use.
3. debug and fly all shall be proceeded strictly according to instruction, human bodies and pets shall be kept away from the moving part of the LADYBUG.
4. ensure the 2.4GHz LADYBUG shall fly indoors outdoors, and the moving part shall not approach human body or other objects.
5. when stop flying, you shall pull out the battery plug of the LADYBUG, and then close the power switch of remote controller.
6. keep away from other electrical equipment, magnetic object or wireless equipment. In order to avoid the mutual disturbance and influence, which is likely to lead to accident.
7. this LADYBUG is equipped with polymer lithium battery, and you shall obey strictly the operational rules concerning polymer lithium battery, otherwise it may cause accidents, such as burn, explosion, etc.
8. only use the charger offered in this product to charge the battery, and charging time shall be about 1 hour minutes.
10. forbid to use wet hand or wet object to touch the battery and the charger in order to avoid accident.

Parts Identification

Infrared control

1. High speed button (BEEP sound low speed)
2. Low speed button (BEEP sound high speed)
3. Menu key (Press and hold)
4. Select key (Press and hold)
5. Power indicator
6. Transmitter
7. Forward Trimmer
8. Backward Trimmer
9. Direction stick (Forward/Backward Left/Right)
10. LCD
11. Power switch
12. Charging interface
13. OK Key
14. Trimmer
15. Selection key, select 2 mode or 4 mode
16. Quit

Trimmer

Backward trimmer		Forward		Backward trimmer	
Forward trimmer		Backward		Forward trimmer	
Left turn trimmer		Right turn trimmer		Left trimmer	
Right turn trimmer		Left trimmer		Right trimmer	
Left Flying trimmer		Right Flying trimmer		Left Flying trimmer	
Right Flying trimmer		Left Flying trimmer		Right Flying trimmer	

Special Note

battery is not replaceable!

When the LADYBUG hit the obstacles, the main rotor blade stuck auto power-off. By (pic.1) Press throttle, by (pic.2) up to continue to push the accelerator to make a LADYBUG flight.

Problem-solving

Symptom	Cause	Correction
Propeller does not rotate	ON/OFF Switch is off/weak battery	Set switch to on/Re-charge
Flight when a sudden stop and the descent	Weak power	Re-charge
LADYBUG did not respond to, out of control	1. Transmitter frequency selection is not correct. 2. By another transmitter with the frequency of the impact of. 3. By the strong light of the impact of.	1. To re-adjust the frequency. 2. The replacement of the location of flight. 3. Select the location don't strong light

Note:

- Battery replacement, there will be damage, fever, leakage of dangerous liquid, please note the following:
- Replacement of batteries must be carried out by the adults or parents
- Batteries are to be inserted with the correct polarity.
- Non-removable battery, charging, heating, into the fire in order to avoid short-circuit.
- Do not charge non-rechargeable batteries, rechargeable batteries can only charge in adults under guardianship, a rechargeable battery in the charger before the toys should be removed
- Please do not use the old batteries and new batteries mixed use, mixed-use not only affects battery life, there will be leakage from old batteries, the risk of breakage, the replacement of batteries should be replaced one-time
- Long period of time when not in use, remove the batteries to avoid leakage corrosion, remove the batteries from toys
- Short-circuit power supply terminals shall not

“Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries”

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

AGES 14+

LADYBUG USER MANUAL

NO.6043

Flight operation, please carefully read the operating manual