



®

USER MANUAL

NO.CX-33S

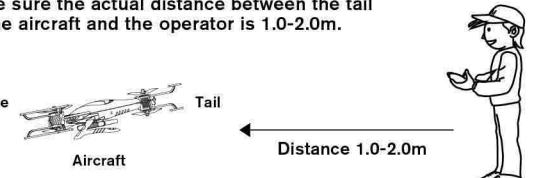
AGES 14+

(5.8G Video Feedback)

Video Transmission Frequency: 5.8G
Monitor: 4.3 inch
Resolution of Video: 1280X720
Resolution of Picture: 1280X720

PLEASE CAREFULLY READ THE INSTRUCTION MANUAL BEFORE FLYING.

4. Make sure the actual distance between the tail of the aircraft and the operator is 1.0-2.0m.



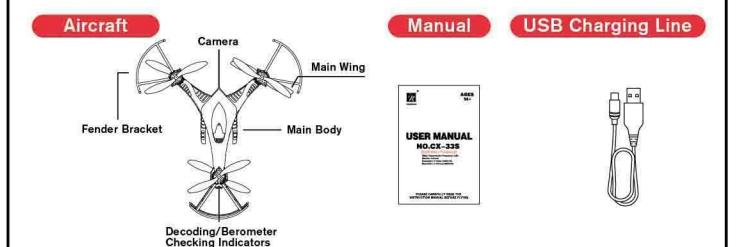
5. Switch on the power of quad copter and place it on the level ground, switch on the power of the transmitter at the same time. When hearing the sound of "Di", it means the decoding is successful and when the decoding/barometer indicator is lighting constantly, you can operate it.

4 Preparation before Take Off (take Mode 2 as example)

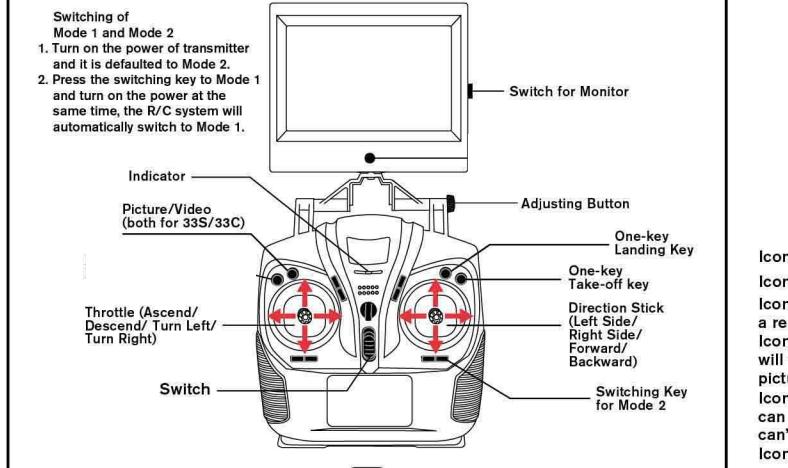
Unlocking	After successful decoding between aircraft and transmitter, push the throttle stick to the left-bottom corner and push the direction stick to right-bottom corner so that two sticks become figure of Eight. It means successful unlocking once the motor rotates slowly.
Locking	After successful decoding between aircraft and transmitter, push the throttle stick to the left-bottom corner and push the direction stick to right-bottom corner so that two sticks become figure of Eight. It means successful locking once the motor stops rotating.

Ascend	When you push upward the left control stick, the propellers will rotate faster, and the aircraft will fly up. When you put the control stick to the middle, the aircraft will keep in such height.
Descend	When you push downward the left control stick, the propellers will rotate slower, and the aircraft will fly down. When you put the control stick to the middle, the aircraft will keep in such height.
Nose to turn left	When you slowly push the left control stick to left side, the nose of the aircraft will turn left as well.
Nose to turn right	When you slowly push the left control stick to right side, the nose of the aircraft will turn right as well.
Forward	When you push up the right control stick, the nose of the aircraft will be downward sloping and the aircraft will move forward.
Backward	When you push down the right control stick, the nose of the aircraft will be downward sloping and the aircraft will move backward.

1 Illustration of Each Part



Function Introduction of Transmitter



Icon 1 For signal strength indication. Icon 2 For channel switch

Icon 3 For monitor power indication.

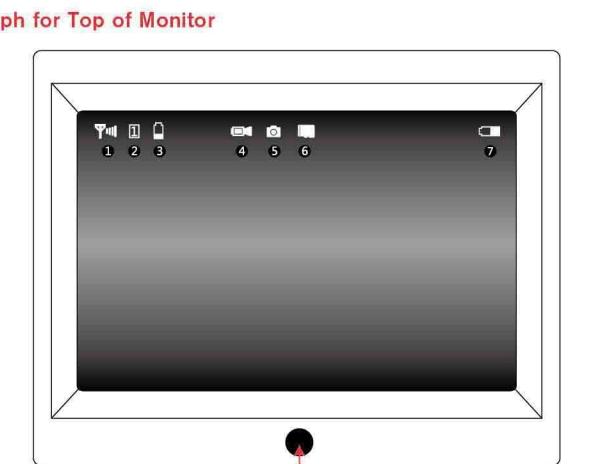
Icon 4 For video indication. Shortly press the video key and the video icon will become a red point, and shortly press the video key again and the video is kept.

Icon 5 For pictures indication. Long press the picture key and the middle of the icon will flash a red point. After 1 second, the red point will disappear and it means the pictures are kept.

Icon 6 For SD card indication. When inserting the SD card, the icon is showed in if it can be normally read and the icon is showed in if there is without the SD card or it can't be normally read.

Icon 7 For sender power indication.

2 5.8G Video Feedback Equipment Illustration



Icon 1 For signal strength indication. Icon 2 For channel switch

Icon 3 For monitor power indication.

Icon 4 For video indication. Shortly press the video key and the video icon will become a red point, and shortly press the video key again and the video is kept.

Icon 5 For pictures indication. Long press the picture key and the middle of the icon will flash a red point. After 1 second, the red point will disappear and it means the pictures are kept.

Icon 6 For SD card indication. When inserting the SD card, the icon is showed in if it can be normally read and the icon is showed in if there is without the SD card or it can't be normally read.

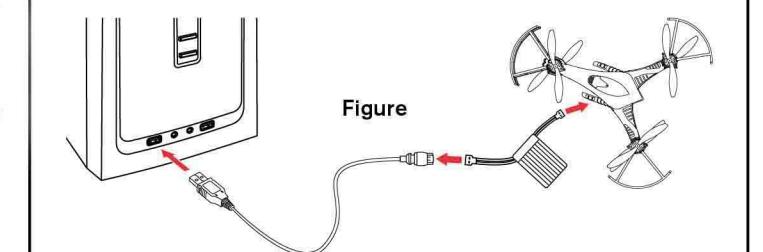
Icon 7 For sender power indication.

5.8G Video Feedback Equipment Connection

- Install 4PCS 1.5V AAA battery to the battery bin of the monitor and please pay attention to the direction of the positive and negative poles when installing.
- Move the power switch at the side of the monitor to "ON" and the monitor will be lighted up.
- Connect the power of aircraft and switch on the power of transmitter, the transmitter will sound of "Di Di" and it means successful decoding. At the same time, the monitor will show back the real-time pictures taking by aircraft.
- After finishing the above operations, the aircraft can fly normally.

3 Aircraft Charging

Take out the battery from the quad copter and connect with the charger, and then insert the USB charging line into the USB port of the computer or any other USB chargers. The USB red light is the power indicators and the green light is the charging indicators. When the green light is flashing, that represents it is under charging. When the green light is constantly lighting, that represents it is fully charged. Besides Apple charger, this USB charging wire can be connected with any other chargers of Smart mobile or movable power or being charged on the USB interface on the car. The voltage of the USB interface is $+5\pm 0.5V$. (The charging time is about 3.5 hours)



Figure



2. Battery Installation of Aircraft

- Rotate the battery cover sheet to the largest position as the arrow (anti-clockwise) direction and open the battery bin. (As Figure 1 Shown)
- Insert the battery plug to the slot in correct direction (As Figure 2 Shown), put the battery into the battery bin at the same time and close the battery bin gate at last.

Figure

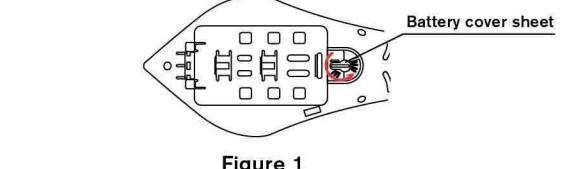


Figure 1

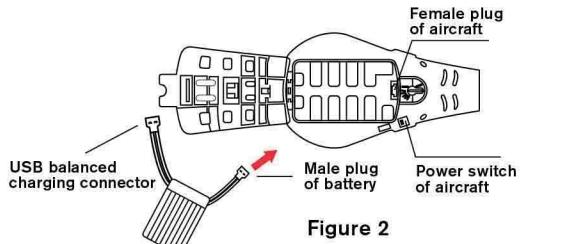


Figure 2

3. Attention for Controlling:
Scope of control: The flying scope of the quad copter is about 30-60m. When beyond the scope, it would come to the slowly landing status and when come back to the scope, it would return to the controlling status. Warning: Flying in strong wind: 1. The quad copter may go beyond the control scope and it would be out of control. 2. The height sensor of the quad copter may have some mistakes which would lead to the over large height variation of the quad copter that it can't normally set the height. We suggest not to fly the quad copter in the weather of more than two-stage wind.

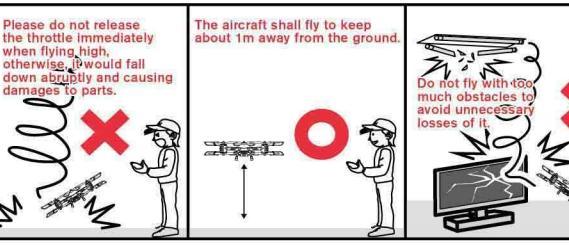


Figure 3

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.

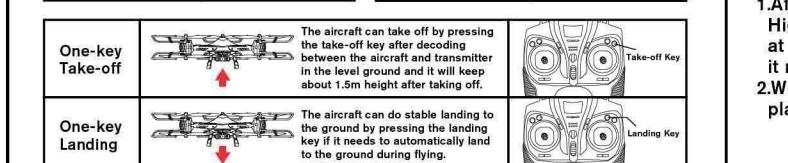
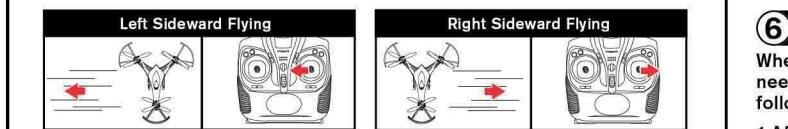
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE0890

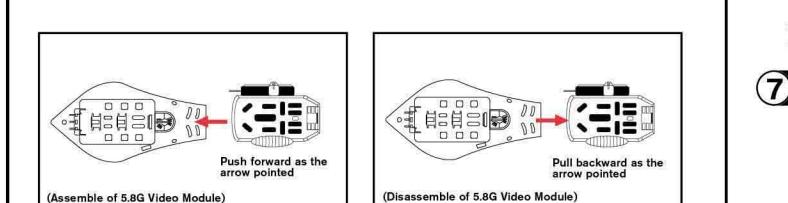
The maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.

6. Calibration of Aircraft

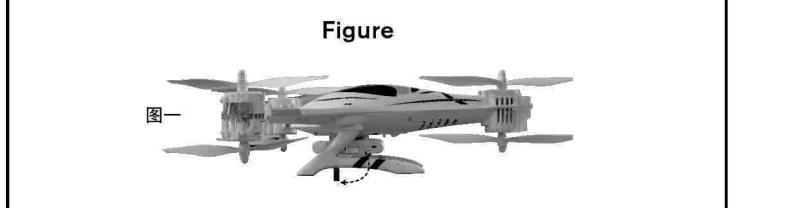
When the quad copter flies unstable or drifts quickly to one direction, you need to calibrate the quad copter and the calibration ways are as the followings:



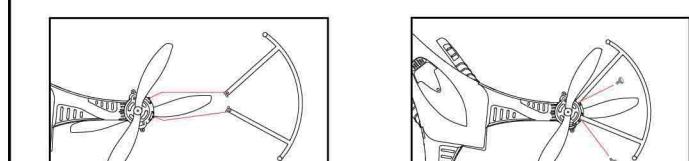
5 Disassembly and Assembly Method and Antenna Placement Instruction of 5.8G Video Transmission Module



In order to strengthen the effect of video feedback, the user should remove the antenna from the video module shell when using, making the antenna be vertical to the ground (such as Figure 1). Put the antenna back to the slot of module shell after the flying.



8 Installation of Fender Bracket



Put the fender bracket into the card slot of quad copter.
(As the picture shown above.)

9 Guidance for Solving Problems

1. Transmitter and aircraft can't make decoding
A: When turn on and make decoding, don't move any other sticks or trimming.

2. The blades stop or slowly react

A: (1) low power of lithium battery; (2) needs to re-decoding.

3. The aircraft is shaking or shocking or in big noise when flying

A: Check whether the motors, body shell and blades are correctly installed.

4. The blades can rotate but can't take off

A: Check whether the blades A/B are correctly installed and please correctly install the blades as the figure show.

5. One or more motors can't rotate

A: (1) The motor is broken and replace the new one; (2) The motor line drops and it needs to bond the wire again; (3) Any transistor on the sender inside the transmitter is burn and it needs to change to a new transmitter.

6. The aircraft is still drifting after calibration again

A: Put the aircraft on the level ground and put several papers in its drifting direction (the thickness depends on the level of the drifting) so that you can put the calibration accelerator on the level ground and solve the drifting problem.

7. After installation, put the propeller cover for it.
(As the picture shown above.)

After installation, put the propeller cover for it.
(As the picture shown above.)

Lithium Battery Safety Instruction

Guarantee of Lithium Battery:
The guarantee of this product is only for the raw materials and workshop but no guarantee is given to this product. Under any circumstances, our company won't compensate the amount that higher than the retail price value.

Warning:

Under the condition of non-operation, charging to the lithium battery may cause fire or injury or loss of property. The user should well notice the risk hidden when using this kind of product. The manufacturer or sales agent or retailer won't take any responsibility for any accident happened. Please read carefully the safe guidance and charging instruction before using this product. Please put the battery on the place where is far away from the children or pets. User on or less than 18 years old should use this product under the guidance of adults. Children under 14 years old should not operate it by its own.

1. It is highly forbidden to charge it for a long time under unattended condition so as to avoid the accidents.

2. Please use the original USB charging line and battery charger by our company.

3. It is highly forbidden to decompose or disassemble the battery.

4. Batteries are flammable to be used or kept under high temperature or heat source or near the flammable product.

5. When charging the battery, covering the charger or battery is highly forbidden.

Please keep ventilation and make sure that it should be charged under the condition of fire safety.

6. If the battery sends out smelly odor or gets heated or deformed or there is any abnormal phenomenon happened during the process of charging, please remove the batteries from the charging device or charger and move to the safety outdoor place (if there are batteries which appear abnormal phenomenon, please don't litter around. Please dispose it by taking safe measure) so as not to cause combustion or explosion.

7. Batteries are forbidden to be stored or transported together with the metallic object.

8. Batteries are forbidden to be thrown into the fire or get heated.

9. Metal is forbidden to connect directly with the "+" "-" polarity of the battery.

10. It is highly forbidden to upside down the "+" "-" polarity of the battery.

11. If there any battery leakage happened or electrolyte liquid mistakenly goes into the eyes, please don't rub the eyes but rinse the eyes with clear water or go to the nearest hospital for curing.

12. When the battery is not used, please store it in the cool or dry environment.

Figure

10