



QUADROCOPTER SEEKER

Quick Start Manual

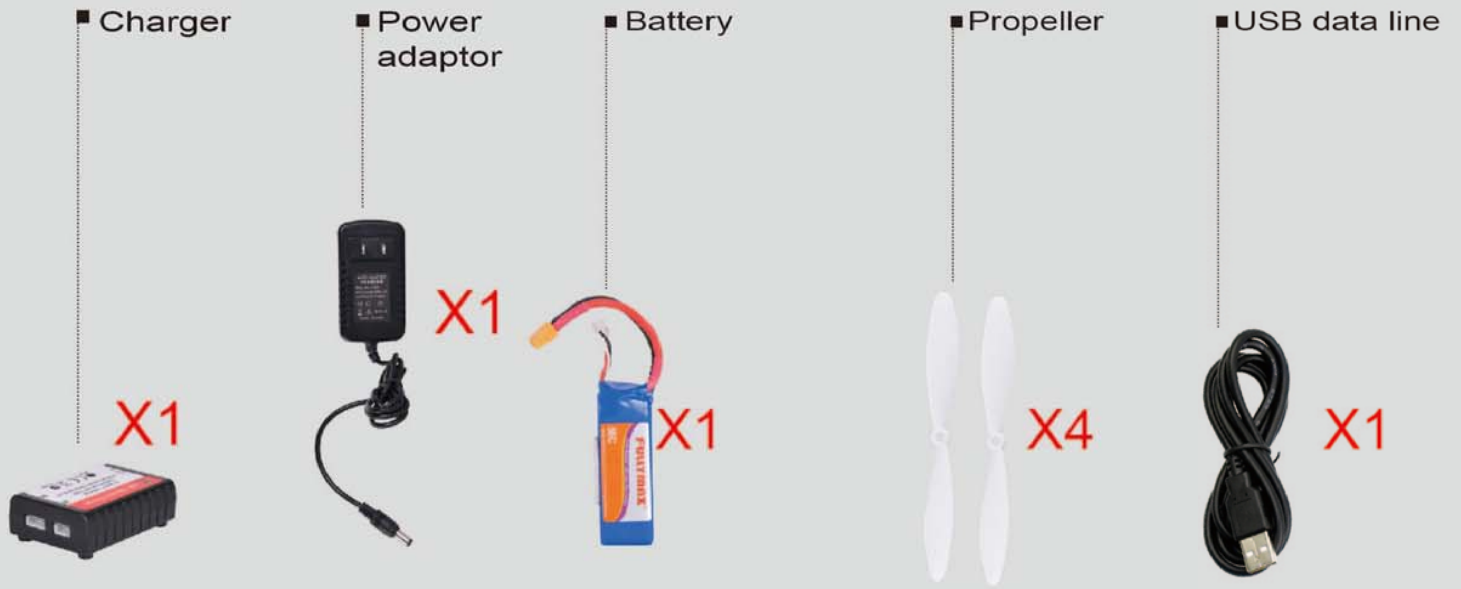


V303



V303

Setup



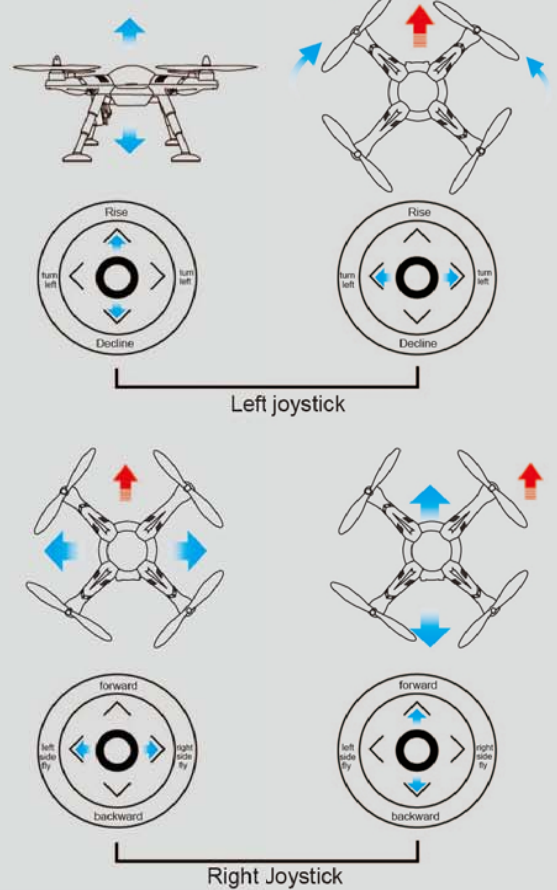




Basic flight operation

← Before flying (front direction)

The transmitter is American Hand(mode 2) when it comes out from factory. Using connecting S4-Jcs can change to mode 1 or mode 2.



QUADROCOPTER SEEKER

Quick-start manual

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LOAD THE PROPELLER

- > Before assembling the blades, please take down the propeller hoop on the motor first. Wait till the blades of the propeller are well loaded can you fix it by using the propeller hoop.
- > Hold the motor by hand or wrench. Then insert one round stick of 2.5 mm into the hole of the propeller hoop. Fix it by rotating the blades as per the reversing direction of the arrow shown. Rotate it in clockwise direction to disassemble it.

⚠ Cautions! The blades of the propeller should be correctly assembled. Make sure the rotating direction of the blades should be the same as the rotating direction of the motor. Incorrect assembly may cause the flying failure.



1

ASSEMBLE THE TRANSMITTER

- > Load 4 PCS AA batteries.
- > Make sure the heading lock switch and the return switch should be pulled to the top position.

⚠ Caution! In the case that the indicator of the transmitter is flashing or the voltage shown on the screen is lower than 4V, please replace with new AA batteries right away.



2

INSTRUCTION ON USING THE TRANSMITTER

- Through using this smart transmitter, you can reset each parameter in the upgraded software S4-GCS of the flying control fixing device. The mode in the transmitter is American Hand(mode 2) when come out from factory.
- Heading lock switch and the return switch are both at the "0" position. The two control levers are in the middle position. Switch on the power of the transmitter, the indicator will be eternal ON and the LCD will be ON as well. This time your transmitter can be used normally.



3

MAKE BINDING

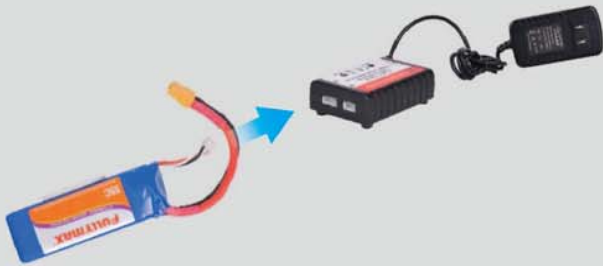
- The transmitter and the Quadcopter Seeker have been made decoding before coming out of the factory. Just charge and you can use it.
- You need to make decoding once again if you replace with new transmitter. First of all, please switch on the transmitter, then put battery into quadcopter, and then move your Quadcopter close to the transmitter. Watch the signal indicator on the battery compartment. Wait till the green signal indicator is shown eternal ON. Only at this time can we say the decoding process is successfully finished.



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BATTERY CHARGING AND USAGE

- First of all, please connect the standard adaptor with the charger. Insert the adaptor into the normal socket, the red power indicator on the charger will be ON.
- Load the battery into the 3S socket for the charger, the green light will be flashing and start charging. If the green light is shown eternal ON, it means that the battery is fully charged. Please remove the battery and finish charging.



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LED FLYING INDICATOR

- When put into battery—Red light and yellow light keep flashing.
- Half-safe flying—Red light and green light keep flashing slowly. No GPS signal or GPS signal is less than 6 stars.
- Safe flying—Green light will be flashing slowly. If GPS signal and also the GPS signal is more than 6 stars.
- Heading lock—2 green indicators. With GPS signal.
- Auto-return—Red light is eternal ON. With GPS signal.
- OFF control & Return—Red light will be ON. There are GPS signal.
- Exert too much force during operating—Yellow light appears. There are GPS signal.
- Protecting reminder of First-class low-voltage.
- Protecting reminder on safe landing of the second-class low-voltage—red light eternal ON. The red light keeps flashing successively for 2 times.



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START YOUR FIRST FLIGHT

- Please place your QUADROPTER SEEKER on the level ground and make sure the flying indicator is pointing to yourself.
- Switch on the transmitter and then connect with the battery port of the Quadcopter.
- After put battery into quadcopter, the yellow light will be flashing quickly and turning from red and yellow light into red and green light (without GPS) or slow flashing green light (with GPS). Pull the control stick to the reversing direction to start the motor.
- As the picture shown, Pull to the outward the control stick and the right control stick in the same time to start.
- Gently push the throttle lever upward, the Quadcopter will be ascending steadily. Pull downward the throttle lever, the Quadcopter will be landing.
- Caution!** Please keep the throttle lever in the lowest position for 2-3 seconds when the Quadcopter landing on the ground. Then release and let the motor of the Quadcopter completely switch off.



Start and stop the motor



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SAFE FLYING

- The Quadcopter is equipped with GPS. When it is flid outdoor, you need to choose the spacious area where there is no high-rising building nearby and also keep it far away from the magnetic place so as to get the GPS signal more quickly. Load the batteries into the Quadcopter and make decoding and it will appear slow flashing red light and green light. When GPS signal is more than 6 stars, all the green lights will be flashing slowly. If you use the magnetic sensor, you can conduct more accurate position to this Quadcopter.



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AUTO-RETURN

- > Please switch on the return cruising switch when the Quadcopter has fled 20 meters away from the starting place.
- > The flying indicators of the Quadcopter are all red lights. Hovering on the original place for 2-3 seconds and then ascending for 20 meters and then start to fly back.
- > Aircraft will return and hovering on the overhead of take-off point for about 20 seconds, then start falling. Fall to the ground and motors will automatically shut off.

Caution: Before starting auto-return function, please make sure the GPS of the Quadcopter should be working in good state with more than 6 stars (green light keeps flashing slowly). Only at this time can you start the auto-return.



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HEADING LOCK MODE

- > Switch the heading lock switch at "1" position during normal flying
- > The flying indicators of the Quadcopter will appear 2 green lights and 1 red light (without GPS signal) or 2 green lights and 1 red light (with GPS signal).
- > This time the Quadcopter has no obvious definition on where is head or tail. No matter the Quadcopter in the position of which angle, we all think that the direction for taking off is the head of the Quadcopter when pulling the control lever.
- > Before switching off the heading lock switch, please rotate the tail and point to your position first, otherwise it will easily make you feel confused about the direction.

Caution: Do not use in magnetic conditions, change the venue from the new magnetic sensor calibration.



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CAUTION

- > This product is not a toy. When the first time use it, please read carefully this instruction manual or under the guidance of the experienced players.
- > The blades of the propeller should be correctly assembled. Otherwise you won't fly it.
- > When you change to a new ground or need to take it far away from the flying ground you have fled for last time, you need to re-trim the magnetic sensor.
- > If there is no GPS signal (without green light flashing slowly), please do not conduct auto-return operation.
- > If there is low-voltage alarming, please land your Quadcopter as soon as possible.
- > During the process of flying, if you keep lasting control operation, it may show the reminding yellow light to remind you of insufficient power and this time please reduce the times for operating the joystick.
- > The broken blades of propeller may affect the flying severely, please replace the broken one timely.



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TRIM THE CONTROL LEVER OF THE TRANSMITTER

- > It can reduce or resolve the discrepancy when operating the control stick, which helps enhance the accurate control operation.
- > Switch on the transmitter and load the batteries into the transmitter, wait until the self-decoding is finished and the red light and green light will be flashing slowly.
- > Pull the throttle lever to the lowest position and then pull the direction lever to the right side, successively pull the auto-return switch for 6 times, the signal will turn from red light into quick flashing red light. Quickly pull the control levers on both sides for one circle so as to reach the maximum or minimum position.
- > Release the joystick to let the control stick return to the middle position, the red light will turn from quick flashing into red light and green light slow flashing or green light slow flashing (with GPS), this time the decoding is successfully finished.



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TRIM THE MAGNETIC SENSOR

- > Under the mode of heading lock, if there is any channel out of order, you need to re-trim the magnetic sensor.
- > When you change the flying ground or take it far away from the flying ground for last time, we do recommend you re-trim your magnetic sensor.
- > Magnetic sensor may be easily affected by the change of the magnet or interfered by the electronic equipment, which result in abnormal data or easily causing the flying accident. Trim the magnetic sensor often helps keep the best working state.
- > Switch on the transmitter, place your Quadcopter on the level ground and wait for the self-decoding.
- > When finish self-decoding, the signal will turn from red yellow light to red green slow flashing, this time please pull the throttle lever to the bottom and pull the cruising lock switch for 3 times, this time the signal will appear eternal green light. Please trim the level direction first.
- > Hold the Quadcopter and place it on the level ground, wait until the green light appears eternal ON. Rotate it for one circle in a level and then place it on the level ground, thus the level trimming is successfully finished.
- > Pull the throttle lever to the lowest position and pull successively the heading lock switch for 3 times, this time the signal light will be OFF. Hold the Quadcopter vertically and the green light will be ON. Keep rotating vertically for one circle and then place it on the level ground, thus the vertical trimming is successfully finished.
- > Place the Quadcopter in a level and then pull the throttle lever to the lowest position, keep pulling the heading lock switch for 3 times and the green light will be ON, then preserving the state, wait till the red light and green light alternately slow flashing in green light slow flashing outside, then you can finish preserving the data and then you can control the lever and go ahead with your flying.

Caution: If there is yellow and red light flashing alternatively, it represents the trimming is a failure. Please repeat the steps mentioned above until the trimming is successfully finished. During the process of trimming, Green light should be kept eternal ON for both level trimming surface and vertical trimming surface. Otherwise it may affect flying. If there is green light OFF, please repeat the rotation.



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LOAD THE CAMERA AND THE FRAME

- > First of all, please fix the camera frame by using M3X6 inner hexagonal screw.
- > Load the camera into the camera frame and then fix it by using the self-spinning screw.
- > Load the camera frame onto the camera fixing rack, then fix it by using the self-spinning screw. Adjust the angle of the camera according to your own requirement. When the angle has been confirmed by you, please lock tightly the self-spinning screw.

- Caution:**
1. This camera hanging rack can only be used for Weili branded camera and Gopro 3. It can not be loaded any other cameras in the market.
 2. When using Gopro 3 camera, you can not open the WIFI as they are all 2.4G telecommunication, which may produce big interference to the Quadcopter and cause flying accident.

