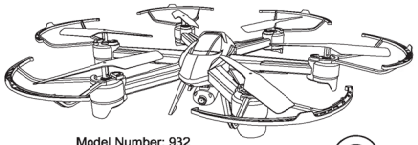
GuruGear 2.4G Wifi 1MP Camera Drone with Extra Battery and Propellers

Suitable for children over 14 years old

GURUGEAR™
the path to happiness.



Model Number: 932

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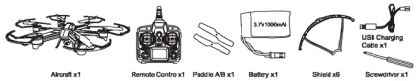
SECURITY WARNING:
■ This product is ahigh-speed aircraft. Improper use maycause damage to people or property in the 'icinity, so the users must be away from people or property during use. In the case of accidental damage, the manufacturer andits distributors and retailers wi not be liabie fir any legal liability.
■ To ensure safety of you and your children, please read this manual while playing thb Aircraft. ■Do not pick up the aircraft in motion to avoid injuries. ■Keep hands, hair and loose clothes away from rotary propeler. ■To ensure safety of children, adults please escompany children whiiiig playing this aircraft (Without authorization, free change or modification of this product will damage your rights related to the product.)

1. Product packaging contents



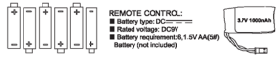
Warning:
■ Non-rechargeable batteries can not be recharged.
■ Rechargeable battery car only be recharged under adut supervision.
■ Rechargeable battery shal be removed from the toy before charging.
■ Different types of batteries or new and old batteies cannot be mixed
■ Install battery according tc correct battery polarity.
■ Exhaustec battery shall be removed from the toy.
■ Short circuit is not allowei at the power supply terminal.
■ Before charging, it is necessary to check whether the charger is daraged; if damaged, it isnecessary to repair or change before use.
■ It is necessary to regularn check whether the charger wire, plug, housing and other parts are damaged; if damaged, it is necessary to repair before use.

Note:
■ It is recommended to instil or replace the battery under adult guidance.
■ Avoid replacing battery wren the product function is weakened
■ Retain instructions for future reference.
■ Use this product in strict accordance with the instructions
■ In static environmets, the product may tail; please restart the product.
■ It is recommended to usenew alkaline battery to enable the product to develop its beatfunction.

Instructionsof Li Battery:
■ Do not throw the battery in fire or heat source.
■ Do not put charger if not removed from the charger for a long time, the battery will self-discharge, resulting in ces of battery power; when the chargerdetects that the battery voltage is below the rated voltage, the charger will re-charge the battery until saturation again. Long-time repeated charging and discharging will shorten the battery life.
■ Do not put the battery in water; keep the aattery n the dry and low-temperature environment.
■ Only use specified charger
■ Do not over-charge the battery.
■ Do not connect thi battery to other circuits.
■ Do not put the battery together with screw and metal parts or jewelry.
■ Do not break down the battery.
■ Charge the battery once half a year.
■ Timely turn off power supply after use.

Maintenance and repair:
■ If this product is not played for a long time, please remove the battery.
■ Clean this productwith clean and soft cloth.
■ Avoid this product under the exposure of sunlign or from being heated.
■ Do not put this product in water, beauseit will damage the product parts.

Battery requirements

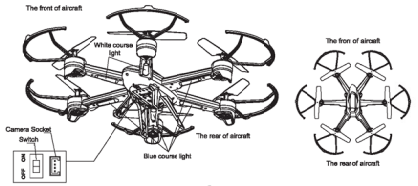


REMOTE CONTRO.:
■ Battery type: DC⎓
■ Rated voltage: DC9V
■ Battery requirement:6,1.5V AA(bif) Battery (not included)

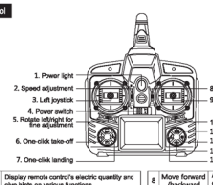
AIRCRAFT:
■ Rated voltage: DC3.7V
■ Battery type: DC ⎓
■ Electric quantity: 100mAh
■ Battery requirement:1, 3.7V(Li polymer) Rechargeable battery(Included)

2. Part identificaion

Aircraft



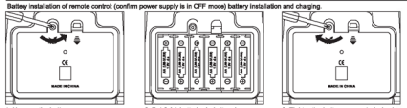
Remote Control



1	Power light	Display remote control's electric quantity and give hints on various functions.	6	Move forward /backward	Assist in adjusting the aircraft to move forward or backward;
2	Speed adjustment	Low gear and high gear can be adopted to adjust speed of the aircraft to turn left/right, move forwardbackward, fly left/right	5	Right joystick	Stir the joystick forward or backward to control rise and fall; stir the joystick left or right to control the aircraft left or right to control the aircraft to fly at left or right directions.
3	Left joystick	Stir the joystick forward or backward to control rise and fall; stir the joystick left or right to control left and right rotation.	1#	Left/right flying Fine Tuning	Assist in adjusting the aircraft to fly at left or right directions.
4	Power switch	Control powerswitch: turn right to plug in; turn left to deconnect power;	1.	Photo/picture recording	Click once the camera will take a picture, which will exit automatically after shooting press the button for two seconds, the camera will shoot r video press the button again for two seconds to exit (the camera is optional)
5	Rotate left/right for fine adjustment	Assist in adjusting left-handed rotation and right-handed rotation.	1?	Compass	Click once to enter into compass mode; press once to exit
6	One-click take-off	Click once, the aircraft will rise to about 1.5m automatically;	1;	Rail-over	Click once to enter into roll-over mode; exit automaticly after roll-over;
7	One-click landing	During flight, click once for automatic landing;	1+	One-click returned voyage	Click once to enter into one-click returned voyage;

3. Battery installation and charging

Battey installation of remote control (confirm power supply is in OFF mode) battery installation and charging.



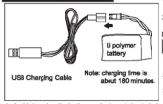
1. Unscrew the battery cover counterclockwise by screwdriver to remove it.
2. Put 6 AA batteries in battery box; battery order is shown in this figure.
3. Tighten the battery cover clockwise by screwdriver.

Note:when the power indicator of remote control is on (red) please chang the battery according to above steps.

Battery Installation of Aircraft (confirm power supply is in OFF mode).

1. Pun back he battery cover and tien pusi up .
2. Put the Li batten plug ir INPUT socket of battery box, and then xut Li battery in the box.
3. Recover the battery cover (push forward).

Aircraft Battery Charging :



Note: charging time is abut 180 minutes.

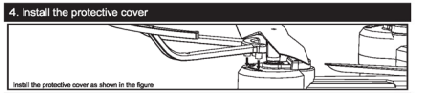
1. Plug the USB Charging cable into an USB Charger. light off indicates hat the battery has energized.
2. Connect he plug of the lithium battery vith the socket on the charging cable. lind lightoff indicates fuli charge.

NOTE: Turr off the drone before charging

Precautons:

1. When charging, he USB Charging cabie shall se placed in a dry and well-ventilatec placeaway from water, heat source and flammabie materias.
2. When charging, the battery shal be removed from Aircraft; the charging process shall be supervised to prevent accidents.
3. Please do not charge the battery after fying because the surface is net cool, ir it wil balloen the battery.
4. Avoid dropping the battery and external shock during charging, ir it will cause internal short circuit and danger .
5. When the sellery is fully charged if not removed from the charger for a long time, the battery wil self-discharge, resulting in ces of battery power; when the chargerdetects that the battery voltage is below the rated voltage, the charger wil re-charge the battery until saturation again. Long-time repeated charging and discharging wil shorten the battery life.
6. To ensure your safety during use please use charger specified by the original manufacturer; when the battery is used for a long time or the battery is aged and balooned, it is nccessary to timely charge.

4. install the protective cover



Instil the protective cover as shown in the figure

5. Aircraft Calibration

After matching the code between the aircraft and remote control, put the aircraft on a horizontal siene, end push the "left joystick" and "right joystick" on the remote control until he navigation light flashes, as shower below. After the calibration is completed, the navigation light wil return to normal. (When the aircraft is offset in any direction and fire-tuning cannot be adjusted, this calibration can be used for again)

6. Takeoff

Precautions>control

■When pushing the lever on the remote control, do not use too muck force and push too quickly tothe end; you snal adjust slowy and feel the change of flightpath of Aircraft after pushing the ever.
■For beginnrers, the most important hing is to be familiar with the control of the lever. First, you neecto learn how tc control the lifts levei(power) so that the aircraft can be maintained at about one meter from the ground, and then tr to master the skill of contolling the flight direction of Aircraft.
■For beginners, the learning mode noommended is first practicing the skil of fying slowly and then fying quickly.
■When the navigation light begins tc flash, it indicates low battery mode. At the moment, you shouldcontrol the aircraft to fy back o you side to prevent the aircraft from starting low-voltage protection andautomatically shutting ovm thepower system dei to low battery.

Precautions>safety

■Read instructions carefully before playing Aircraft.
■Forbid fying in an environment of many furniture, peozie andpets
■Keep fying Aircraft 1 o 2 m away from operator or obera.
■During fying, it is necessary to watch the fying Aircraft, avoic dropping and crushing, and prevent harm to operator and others .
■Forbid cissassembling or changing the product, avoid damage of product or accident .
■Do not put hands or fee close to rotating blace to avoid accident; operator shel be at a sostion whether he can quickly escaps from Aircraft.
■When not using product, it is necessary to turn off power supply to avoid accident .
■This product is not suitable for little children in order to preventing propeller from generating accidents.
■To ensure safety, please do not use damaged or deformed product.

Math code of Aircraft and Remote Control

1. Put iuly charged battery into PRV and connect Aircraft tc battery wire according to correct polarity, and then recover the battery cover. Put he Aircraft on a flat ground wih head in front (the power battery is in "ON" mode; at this point, the light of PRV is on).
2. Turn off switch of the remote control (the power indicator is on); push left lever to top and then to end; Aircraft and remote control begin to matih codes; after that, power indicator of remote contrc and light of PRV will be always on.

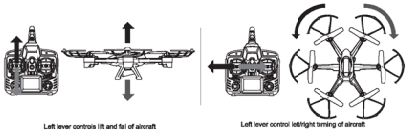
Start /Cose the aircraft

To Stat the Drone: Pul the left & Right throttle stick to the left corner at the same tme, the rotor kiades of the drone wil rol slovly.

To close the Drone: Pul the left & Right throttle stick to the right ener at he same tme br close the Drone.

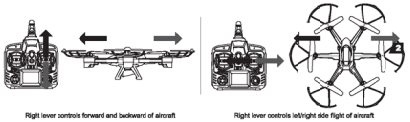
7. Aircraft operation and control

Note: Avoid out of control in the control of Aircraft movement, itis necessary to slowly operate the lever; during operation, Aircraft will lose some power, so you can adds little extra throttle to maintain certas height when practicing fying.



Left lever controls lift and fal of aircraft

Left lever control left/right timing of aircraft

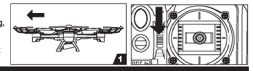


Right lever controls forward and backward of aircraft

Right lever controls left/right side flight of aircraft

Fine tuning

If Aircraft deviates the direction (left/right turning, forward/backward, left/right side flight , push fine-tuning bey in an opposite direction.
For example, as shown in the figure, jusih back when deviating forward.



8. Sensitivity setting

This Aircraft can realize 2 modes: low speed and high speed.
Push "speed adjustment" key (fault: low speed).
1. after pushing at the direction of H, the buzzer of remote control wil ring wice (power indicator wili shire twice= high speed mode (130%).
2. After pushing at the direction of L, the buzzer wil ring once (power indicator wil shine once)= low speed mode (50%).

Adjust sensitivit of Aircraft by this key; if the sensitivity is higher, Aircraft respondsmore quickly; otherwise, morsslowly.

9. Rolling mode

This Aircraft can roll 360 degrees by the following operations. To bettar perform rolling function and ensure the Aircraft is 4 meters away from the ground, ilis necessary to roll in the rleing process. Thus, the height is nore easily maintainec after rolling.

ROLLING

Left rolling

Right rolling

Clik 'rolling' key, punis lei the left lever, and then push the lever into center.

Clik 'rolling' key, punis right the right lever, and then push the lever into centre .

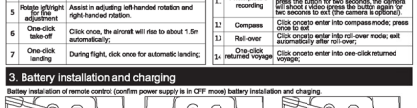
Front rolling

Back rolling

Clik 'rolling' key, punis fiirt the right lever, and then push the lever into center.

Clik 'rolling' key, punis back. the right lever, and then push the lever into centre.

10. Camera (Optional)

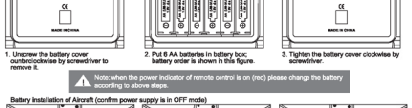


Camera Use

1. Connect to power supply and the label the remote control, when turned on.
2. Click 'power'( ) button, cameraes wi laea a picture (negative light wi flicker for one)
3. Press 'power' button for two seconds, the camera wi enter into video recording mode (negative light wi flicker for ei the time).
4. Press 'power' button again for two seconds, the camera wi enter into video recording mode (negative light wi flicker for ei the time).
5. Click 'power' ( ) button again for two seconds ( ) key, and the camera will be turn off the power.

Camera Installation

1. Insert camera into tiied slot of aircraft.
2. Insert data wire o camera into socket of PRV.
3. Insert SD card.



11. Compass (headless) mode

■ Wai is 'compass (headless) mode'? Aswrs: during fiyig, no matter aways ds PRV is, and ro matter what is direction, is ie sirgus ie operation clcie compass' ( ) key; PRV wil automatically ick the flying direction
■ When wi ies operator ues ie 'compass (headless) mode'?
■ List of 'compass (headless) mode'.
key to control the nsum of aircraft
■ When ai Aircraft is ar ton and you ianrock rove is direction, you oan click 'compass' ( ) when opening the 'compass' mode)
1. When mailaring code, the head of Aircraft shal be tn (orienaiea, the direction wii be inisea
2. To better use 'compass' mode, before flying, it is nossesary to ediablish a direction coordinate on the ground
3. When you nnei to ee compass mode, click 'compass' ( ) key, and ie Aircraft wil automatic
4. When you on not need to ee 'compass' mode, re-click 'compass' ( ) key to exit

5. One rre mrons ranons cannot work.
Solutions (1) The motor is broken. Change it.
(2) A transistor on the launn panel or remote control is burned out. Replace it Wiiha new remote control.
6. Four arxin sirt dirt during suspension after rearlaiebon.
Pulvarized on a flat ground and put several layers of paper on ts ineoing direction the thickness of the paper depends on the degree of dirt. True, you can calibrate the accelerometer and solve drifting problem.

12. One key return mode

■ When Ihe aircraft is far from you and you do not know ie direction, you can click 'one-key rnerr' ( ) mode and control ie aircraft by ie left (right) ever ie cl used).
ie left (right) ever ie cl used).
■ When Aircraft is automatically returned to the initia range, push ihe ver in any direction or re-click one-key return ( ) key o exit.

13. Altitude hold mode

This aircraft adopts 'barometer' module to achieve fixed height and hovering, ue ihe jo/ystick (accessoicr) to control ihe aircraft. Ioosen the ivrs jo/ystick (accessoiy) ie aircraft ihen wi hover at that height.

14.One-click take-off / landing

One-click take-off

After arming ie aircraft, click 'one-click-ids ie-off' ( ) button the aircraft wi rise o about 1.5m automatcicy.
[Ho ue of iei jo/ystick (accessoiicr)]

One-click landing

Click one-click ilanding' ( ) button, ie aircraft wil iand on ie ground siowly from any hiegiht.
[Ho ue of iei jo/ystick (accessoiicr)]

15. Fault removal

1. Remote control and Aircraft cannot match codes.
Check whether ie frotoo or remoto control is iowaei, when ietting code match, do not push ctoir ieorrs or clik ie-tuning key
2. Propiei/ioos cro rotiro ro ieoonsioowy
(1) Lithium battery power is low.
(2) push mrrtio o ioiorro to mikre Aircraft iiei, and fy again ahr 2 seconds.
3. Aircraft ialeas or vibrates during fiyig, noiio is iouc
Check ioorior ioorior, ioaiing or iaiiio is iaiiiiei correcity or wiefiior fio ooro is iamaged
4. Ti iiiiio ciro ciiiiio ii Aircraft cannot fy.
Check wiefiior A/B iiiiiio are iaiiiiei correcity.

USB Charging Cable | Camera | Remote Control | P/P upgrading kt (real-time image transmission)

Motor Rack | Transmission Pipe | Master Motor | U Battery

Undercart | Lash Receiver | Over Cr Ialyaiion Light | Master Cone

Upper Cover | Base | Blade A/B | Shield

16. List of accessories

MADE IN CHINA

17. Federal Communications Commission notice

FCC Label

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may nor cause harmful ieiaeeeeo, and (2) this device must accept any iiiieeeeeo received, including iiiieeeeo that may cause iiaeeiiy iiiieeeeo operation.
This equipment has been iieiiaeiiaiiii