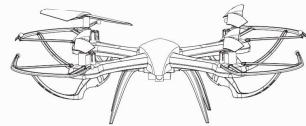


AGES 14+

VERSTAI LE 6-AXIS GYROSCOPE QUADRO COPTER 2.4GHZ INSTRUCTION MANUAL

Remote control toy series



INSTRUCTION MANUAL

Key features of quad copter

- Four-axis struture makes the quad copter more flexible and reliable when flying. It is wind-resistant and can be flown indoor or outdoor.
- Built-in 6 axis gyroscope for precise hovering in the sky.
- Simple modular design makes changing Darts easy.
- With 360°D eversion and throwing flight function.

PREFACE

Thanks for using products. Helicopter is the first helicopter which can fly outdoor in a wild weather. In order to play Helicopter more convenient and easy, please read it carefully before playing the helicopter. Meanwhile, please keep it well, and take it for reference when adjustment and maintenance. flight vehicle can satisfy you whatever rainy or sunny, even when outdoor wild grade 3-4, it will keep moving.

WARNING LABEL LEGEND

	Manhandling due to failure to follow these instructions may result in damage or injury.
	Manhandling due to failure to follow these instructions may result in danger.
	Do not attempt under any circumstances.

IMPORTANT NOTES

Helicopter is not a toy, miniature remote control four-axis aircraft, but there is still some risk of the matter with instructions to correctly use the model in accordance with the Security. The dismantling of any modification or improper use of the product are not familiar with may be dangerous to the risk of Unexpected or accidental, please do not overlook.

Manufacturer and dealer assume no liability for accidental damages by abnormal wear of pads, in proper assembly or operation in unsafe manners. This product is intended for use by age 14 years or older. Please ensure the product is operated under safe environment.

We recommend that you seek the assistance or an experienced pilot before attempting to fly our products for the first time. A local expert is the best way to properly assemble, setup, and fly your model for the first time. The requires a certain degree of skill to operate, and is an item subject to normal wear and tear. Any damage or dissatisfaction as a result of accidents or modifications are not covered by any warranty and cannot be returned for repair or replacement. Please contact our distributors are not covered by any warranty and cannot be discounted rates when you experience problems during operation or maintenance.

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SAFETY NOTES

CAUTION

Fly only in safe areas away from other people. Do not operate R/C aircraft within the vicinity of crowds or people. R/C aircraft are prone to accidents, failures, and responsible for their actions and damage or injury occurred during pilot error, and radio interference. Pilots are responsible for their actions and damage or injury occurred during the operation or as a result of R/C aircraft models.

FORBIDDEN

Special design for indoor use, please keep it away from obstacles.

This product is suitable for indoor and outdoor (the wind grade should be no more than 4), please choose a place without obstacle and keep distance from crowd and pets, don't play it under unsafe for instance heat source wire or electric power source, in order not to be damaged by collision landing, entanglement and lead to a fire, electric shock and cause losses of lives and property.

FORBIDDEN

PREVENT MOISTURE

R/C models are composed of many precision electrical components. It is critical to keep the model and associated equipment away from moisture and other contaminants. The introduction or exposure to water or moisture in any form can cause the model to malfunction resulting in malfunction or a crash. Do not operate or expose to rain or moisture.

FORBIDDEN

PROPER OPERATION

To avoid potential fire hazard from batteries, please do not short, reverse polarity or puncture batteries. Battery charging must be done under supervision at all times and at location out of reach by children. Double check the four AA batteries are rechargeable Ni-CD/MH batteries before charging. The manufacturer or this product will not be liable for accidental damages incurred by charging non-rechargeable batteries.

FORBIDDEN

SAFETY NOTE FOR NI-MH BATTERIES

Make sure the batteries are installed based on polarity indicated in the case and do not mix batteries of different chemistry/spec. Please take out the batteries if you are not going to use for a long time to avoid potential leakage which may damage the transmitter. Please dispose depleted batteries according to local laws and ordinances. Do not dispose improperly.

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FORBIDDEN

SAFETY NOTE ON LI-POLYMER BATTERIES

Li-Polymer batteries possess higher operational risks compared to other battery chemistry, thus it is imperative to follow its usage instructions. Manufacturer and dealer assume no liability for accidental damages caused by improper usage. Do not use charger other than the factory-supplied unit to avoid potential fire and explosion. Do not crush, disassemble, burn, and reverse polarity. Avoid metallic materials to come into contact with battery's polarity and cause it short and never puncture batteries to avoid fire hazards. Battery charging must be done under supervision at all times and at location out of reach by children.

Please stop the use or charge of the battery should there be an unusual increase in battery temperature after use. Continue use of this battery may cause it to expand, deform, explode, or even result in fire hazards. Please dispose depleted batteries according to local laws and ordinances. Do not dispose improperly.

CAUTION

KEEP AWAY FROM HEAT

R/C models are made of various forms of plastic. Plastic is very susceptible to damage or deformation due to extreme heat and cold climate. Make sure not to store the model near any source of heat such as an oven or heater. It is best to store the model indoors in a climate-controlled room temperature environment.

FORBIDDEN

OBTAIN THE ASSISTANCE OF AN EXPERIENCED PILOT

The products are suitable for more than 14 years old age at the beginning. It will have some certain difficulty in learning suggestion guidance by experienced when playing.

In order to ensure the aircraft radio station (station) the requirements of the electromagnetic environment, banned in airport runway center as the dot the 5000 m radius area. The remote control with all kinds of model and the relevant state departments issued during the radio control command regional area should stop using the model of the remote control as required.

CONTENTS

- Quadcopter
- USB Charging Cable
- Transmitter
- Screwdriver
- Main blades
- Instruction manual



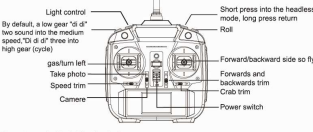
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INSTALL LANDING SKIDS & BLADE PROTECTING FRAME



GET TO KNOW YOUR TRANSMITTER

Introduction of transmitter:



Remote control installing the battery



1. The battery installation method: please put battery door switch to UNLOCK, open the battery cover.
2. According to the figure will be four grain of "AA" batteries, follow the instructions of the right electrode into the remote control, the battery cover on the battery cover/cover switch to the LOCK.

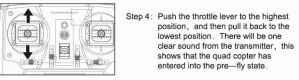
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1. Install batteries with correct polarity. Do not mix old and new batteries.
3. Do not mix different types of batteries.

READY TO FLY YOUR QUAD COPTER



- Step 1 Press the ON/OFF power switch up.
- Step 2 Open the battery cover and insert the battery into power port.
- Step 3 Close the battery cover and turn on the quad copter.



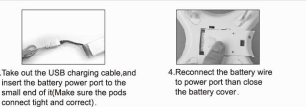
TIPS: When syncing your quad copter keep it in a horizontal position to start to a stable flight.

CHANGE BATTERY OF QUAD COPTER



1. Push the on/off switch of quad copter to OFF position then open the battery cover.
2. Pull out the battery wire from the power port.

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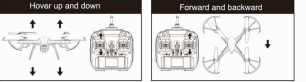


Charging time: about 90-100 minutes. Flying time: about 5-7 minutes!

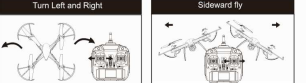
BATTERY REPAIR & MAINTENANCE

1. Battery should be put in the dried or ventilated place with environment temperature about 15-25°C.
2. In order to enhance the using life of the battery, please avoid repeat charging or excessive discharging.
3. When the battery needs to be stored for a long time, please charge the battery first. That is to say, charge the battery for about 50-60% of the volume and then well store it.
4. If you do not use it for more than 1 month, it's highly recommended that you need to check the battery voltage every month so as to make sure the voltage no less than 3V. Otherwise please do by following NO.3 mentioned.

Operating direction



Push the throttle up or down, the quad copter flies upward or downward.



Push the direction lever left or right, the quad copter flies to left side or right side.

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Fine-tuning operation



When the quad copter keeps flying forward/backward, you can correct it by pressing the fine-tuning button downward.

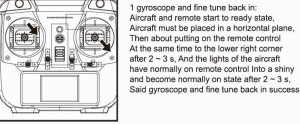
When the quad copter keeps flying to left/right side, you can correct it by pressing the fine-tuning button right/left.

When the quad copter keeps rotating to left/right, you can correct it by pressing the fine-tuning button right/left.

INTRODUCTION TO QUAD COPTER FUNCTIONS

1. The headless mode: press the headless home button gently can enter the headless mode. After entering the remote control will issue "D" sound. Players as long as the forward or backward or push right to the left or right joystick, aircraft will forward or backward or to the left or right. To the right, so as to realize the headless mode control. Reserve exits, only lightly click this button again.
2. Return mode: long press the headless return key, can enter the return mode. After entering, remote control have a "click" sound. It will be defined into two, aircraft mode, vehicle current players facing the direction for the front, to enter. After the aircraft will automatically back to the direction of the gyro, auto return. Players need to push right joystick to any direction. Aircraft will stop back to end.

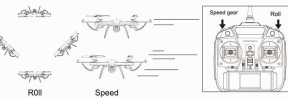
Calibration function: In case of light disorder or sideswift flight, restore factory default settings by the following methods:



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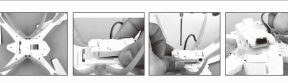
3D EVERSION AND THROWING FLIGHT INSTRUCTIONS

When you are familiar with the basic operation, you can do some awesome & exciting tricks and stunts! First of all, fly the aircraft to a height of more than 2 meters, press the 3D eversion switch on the rear right side of the transmitter, then push the right trigger (in any direction) to make 360 degree flip. Press PRO/NORM button to make the aircraft switch between high and normal speed.



Tip: 3D eversion goes better when battery power is enough.

INSTALL CAMERA

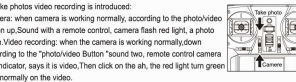


1. Push the camera into a hole on the battery cover (Figure 1).
2. Open the battery cover with camera (Figure 2).
3. Lock screws to add-on the camera light (Figure 3).
4. Close the battery cover with camera then insert the 3-pin plug to the hidden ESD (Figure 4).

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PHOTOGRAPHY/VIDEO INSTRUCTIONS

1. Methods: ① Make sure the 3-pin plug of camera is inserted to the quad copter. ② Turn the quad copter power on, the camera works normally when the RED indicator change from flashing to green and keep light on. If the RED indicator last light on and light off seconds later, it means the SD card is not in the camera. Please insert the SD card then the indicator light on GREEN.
2. Take photos video recording is introduced: Camera: when camera is working normally, according to the photo/video button up. Sound with a remote control, camera flash red light, a photo finish video recording: when the camera is working normally, down according to the "photo/video" button "sound two, remote control camera not indicator, says it is video. Then click on the ah, the red light turn green said normally on the video.



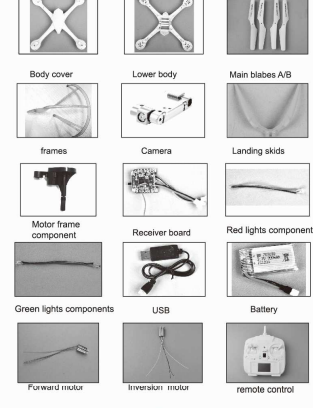
PROBLEMS AND SOLUTIONS

PROBLEMS	CAUSES	SOLUTIONS
Transmitter not working	1. The transmitter switch is not "OFF".	1. Turn on the transmitter.
	2. Insert the batteries improperly.	2. Check with the pins indications and insert the batteries again.
Control failure	3. Batteries are completely consumed.	3. Replace with new batteries.
	1. The transmitter switch is not "OFF".	1. Turn on the transmitter.
Ascending failure	2. The aircraft battery is not connected.	2. The aircraft battery in the control transmitter connection.
	3. The aircraft battery is not connected.	3. Check the battery with the remote.
Landing failure	1. The direction of thrust becomes too slow.	1. Push up the throttle stick.
	2. Double check the battery.	2. Charging the battery.
Use or control	1. The throttle stick is pushed down too fast.	1. Pull down the throttle stick slowly to perform a smooth landing.
	2. The throttle stick is pushed down too fast.	2. Pull down the throttle stick slowly to perform a smooth landing.

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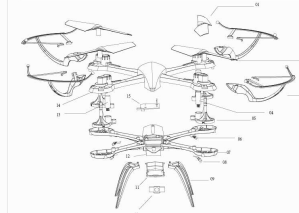
SPARE PARTS

All the spare parts below can be bought from local distributor



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BREAKDOWN & DIAGRAM



Code	Description	Quantity	Code	Description	Quantity	Code	Description	Quantity
01	1-1000-01 serial lead B	2	08	1-1000-08 Red light LED	2	15	1-1000-15 Receiver cable	1
02	1-1000-02 serial lead A	2	09	1-1000-09 11 lead	1			
03	1-1000-03 Frame	4	10	1-1000-10 Camera module	1			
04	1-1000-04 Motor with A/B and B/A	2	11	1-1000-11 Battery door	1			
05	1-1000-05 Motor with A/B and B/A	4	12	1-1000-12 Battery door	1			
06	1-1000-06 Green light LED	2	13	1-1000-13 Red light LED	2			
07	1-1000-07 Red light LED	1	14	1-1000-14 Red light LED	1			



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User Manual

Warning: Changes or modifications to this unit 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.

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.