DRONES

14+ AGES

4 CH REMOTE CONTROL QUADCOPTER

Quadcopter with six-axis gyro built in

The knowledge and safety notes below are useful for you in the remote control world.Please read this manual carefully before operating this product and keep it for further reference.
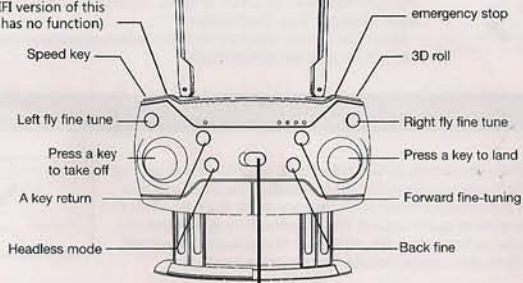
Parts name

Propeller

Main Body

Motor

Camera
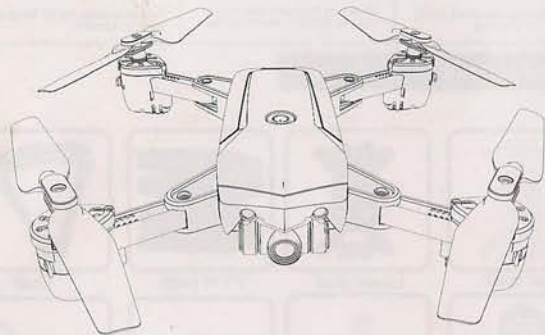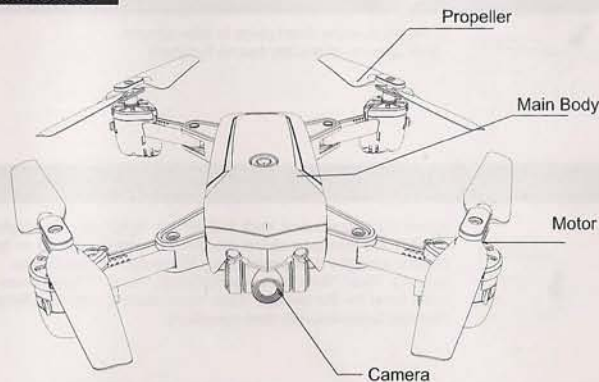
Introduction of transmitter

Long press video short press to take pictures (WIFI version of this key has no function)

Speed key

Left fly fine tune

Press a key to take off

A key return

Headless mode

emergency stop

3D roll

Right fly fine tune

Press a key to land

Forward fine-tuning

Back fine

Unlocked

Correction

1.In case that the quadcopter might descend on a further or insecure zone due to the insufficient battery power when flying outsides, the quadcopter is specially designed with the function of secure warning.When the battery power is insuffcient,the Led light would turn from constant lighten to flashing. Then player may have time to take back the quadcopter and change the battery or recharge for the next flight.

1、Mobile phone rack

Pull out the remote control lower bracket, clamp the phone.
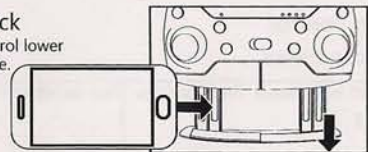
2、2.4G frequency

Open the aircraft power switch, the aircraft placed in the flat Ground, then the aircraft indicator light flashes, open the remote control power.Source switch, the throttle joystick pushed to the highest after the pull to the lowest,Buzzer prompt "tick" sound! The aircraft indicator light is on, right Frequency to complete, then you can take off!

3、A key to start and a key landing

Tip: This product is determined by the barometer.In a variety of environmental temperature and other factors,The aircraft will automatically start when flying or low voltage.Appear high and low changes are normal!

one-button start

A key landing
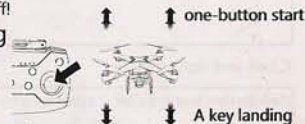
Note: If the aircraft is in automatic take-off state, indicating that the aircraft is not high barometer calibration, press a button to restart the remote control after landing 1,2 repeat the operation.

Remote control battery installation:

Remote control battery installation:

As shown in the figure according to the electrode box electrode instructions (+ / -) Place the battery correctly (as shown).

1. Use a USB cable to connect the computer to charge: The USB charging terminal is connected to the aircraft battery outlet, and the other end can be connected to the computer's USB port. The battery indicator lights when charging and turns off when it is fully charged. Charging time is about 180 minutes.

2. Connecting the aircraft power supply: Put the charged battery into the battery holder of the aircraft, and then place the battery plug at the power supply on the vehicle into the socket for power connection, connected to open the aircraft power, then the aircraft lights.
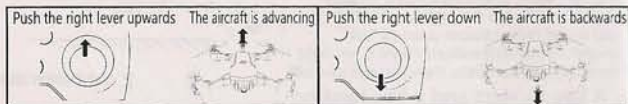

switch

4、Flight control

A.Throttle (left lever)

Push the left lever upwards	The aircraft rises	Push the left lever down	The aircraft descends

B.Forward and backward (right lever) (with camera front side)

Push the right lever upwards	The aircraft is advancing	Push the right lever down	The aircraft is backwards

C.Left and right side fly

Push the right lever to the left	The plane flew to the left	Push the right lever to the right	The plane flew to the right

D.Turn left and right (with camera front side)

Turn the left lever to the left	Aircraft turn left	Turn the left lever to the right	Aircraft turn right
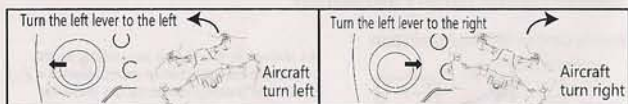
5、Fine-tuning control (with camera front side)

Forward and backward fine tuning
Partial rear   Partial front

Take off the body when the offset, according to the former micro Adjustment is correct
Take off when the body forward offset, after the micro Adjustment is correct

About fine tuning
Left side   Right side

Take off the body when the right shift, according to the left micro Adjustment is correct
Take off the body when the left shift, according to the right micro Adjustment is correct

The remote control controls the recording

Long press video, short press to take pictures
(WIFI version of this key has no function)

Speed selection

Speed file is to advance, back and left and right side of the flight is divided into third gear speed, the remote control is turned on by default when the slow power, press the remote control button issued a "flute" "flute" twice as midfielder, "flute" " Flute "press three times for the fast file," flute "soon return to slow file. (Recommended beginners with slow operation)

A key return

Press a key return, the aircraft will give up their own front and rear left and right direction, automatically defined by the headless mode of backward direction of flight, when the control of the right lever when the stop this function
* Note: This feature can only be done automatically and the flight can not be reached automatically.
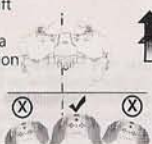
Directional definition and mode selection of headless mode

When converting to headless mode, the aircraft will give up its front and rear azimuths, and reposition the front and rear with the remote control as a reference point. Such as: when the right lever to push forward, the aircraft will fly away from the remote control; when the right lever to pull back, the aircraft will fly to the remote control. (With camera front side)

front   Head forward

1. The direction of the direction before departure:of the aircraft forward in front of you,(With the camera side for the front) remote control to the end of the direct flight and then press a key.Take off, that is, to complete the flight head mode direction definition.
2. When flying by the headless mode of the remote control issued a "flute, flute" twice, the aircraft Light flashing into the headless mode. And then press the remote control issued a "flute" sound Exit the headless mode.

Common problem and solution instruction:

The problem	Reason	Countermeasures
The indication light of the quadcopter is flashing and without reaction when operated	1.Frequency modulation between the quadcopter and remote control is not operated correctly. 2.Insufficient battery power	1.Refer to the Preparation for taking off, and re-modulate the frequency. 2.Recharge the battery.
The quadcopter's blades turn around but the quadcopter cannot take off	1.insufficient battery power 2.the blades distorted	1.Recharge the battery 2.Replace the blades
The quadcopter shakes hardly	The blades distorted	Replace the blades
The fine tuning button are all on but the quadcopter still couldn't keep balance	1.The blades distorted 2.The motor doesn't work properly	1.Replace the blades 2.Replace the motor
The quadcopter becomes out of control after crashing	Three-axis acceleration sensor lose its balance after crashing	Put the quadcopter on the ground for 5-10 seconds

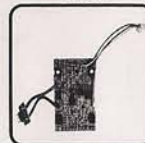## Accessories(choose to buy)

Upper shell	Lower shell	Wind page	Shelf
Paddle arm	Motor	Cone	Board
battery	camera	WIFI	USB

Controlling operation of WiFi connection mobile

WiFi connecting steps and using ways of iOS mobile software
1.Download and install the software
Please download and install the software YH-FPV in App Store or directly download and install it by scanning the two-dimension code (Figure1).
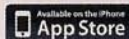
2.WiFi Connection Instruction
1.Connect the aircraft power and the blue indicator of the WiFi module will flash.
2.Enter the setting of iPhone or iPad and open WiFi to find out YH-FPV and connect.When the mark" ✓ "appears means successful connection, exit the setting after finishing.
3.Open the software YH-FPV in iPhone or iPad, click the icon to enter the controlling interface.
(Please keep away from other WiFi signals as far as possible when flying.)

YH-FPV

App Store

Figure1

WiFi connecting steps and using ways of Android mobile software
1.Download and install the software
Foreign users in the Play Google search YH-FPV download and install·download and install·
Foreign users in search of 360 mobile assistant search HT-WiFi download and install.
Or directly scanned two-dimensional code for download and installation(Figure 2)
Also directly download Apple or Android directly on the company's website DW APP(Figure 3)

Figure2

Figure3

Google play

2.WiFi Connection Instruction
1.Connect the aircraft power,and the blue indicator on the WiFi module will flash.
2.Enter the setting of Android mobile and open WiFi to find out
WIFI-xxxx and connect it.
3.Open the software YH-FPV and click the icon to use it.
4.Please refer to the detailed operation instruction of iPhone operation instruction.

YH-FPV

2. Key function description

1. throttle	19. gravity sensor mode
2/3. left / right roll	20. virtual rocker
4/5. left / right	21. menu
6/7. forward / backward	22. camera flip
8/9. forward / backward trim	23. virtual reality
10/11. left / right roll trim	24. headless
12/13. left / right trim	25. gyro calibrate
14. take photo	26. track route
15. record video	27. 360° roll
16. media	28. emergency
17. speed: 30%/ 60% /100%	29/30. take off / landing
18. altitude hold	31. unlock

left throttle Mode

right throttle Mode