



USE FOR H805, H805C, H805W

# X-DRONE SCOUT

## i-drone 1.0

HIGH PERFORMANCE UFO FOR RC ENTHUSIASTS  
FLIGHT MANUAL



## Battery Safety Precautions

- \* Don't use or leave the battery near a heat source such as fire or heater.
- \* Don't strike or throw the battery against any hard surface.
- \* Don't immerse the battery in water, and keep the battery in a cool dry place.
- \* When recharging, only use the battery charger intended for that purpose.
- \* Don't over-charge the battery.
- \* Don't directly solder the battery or pierce it with a nail or other sharp object.
- \* Don't transport or store the battery together with metal objects.
- \* Never charge the battery for more than one hour
- \* Never leave charging battery unattended.



### Note:

Always dispose of old batteries responsibly

## Safety Precautions

- Please read through the manual's before using.
- Please store small parts in a place well out of the reach of small children.
- Never leave the **X-drone Scout** unattended during battery charging.
- Never throw any batteries in a fire.
- Never fly the **X-drone Scout** near other people.
- Keep all body parts away from the copter while the rotor blades are spinning.
- Never try to repair circuitry, there are no serviceable electronic inside the **X-drone Scout** or transmitter.

## Flying Precautions

- 1.Keep small parts out of the reach of children, to avoid choking hazard.
- 2.The **X-drone Scout** is powerful, when taking off, move the throttle stick foreward gradually, to avoid it's rising too fast.
- 3.After flight, turn off the **X-drone Scout** first, then turn off the controller.
- 4.Do not put the battery in high temperature or near heat source
- 5.Note, to avoid injury or damage, the **X-drone Scout** should not be flown nearer than 2 meters / 7 feet from people or other obstacles.
- 6.Children should fly the **X-drone Scout** under adult supervision only. Always keep the **X-drone Scout** in clear sight while flying.
- 7.Always turn off the power of the controller and **X-drone Scout** when not in use.

## Battery Protection

- 1.The **X-drone Scout** is equipped with low-voltage protection: When it's battery is low, the programmed control system will stop electrical supply to **X-drone Scout**'s rotors. The battery then needs charging to allow the **X-drone Scout** to fly again.
- 2.The **X-drone Scout** is equipped with over-current protection:When the drone blades are jammed, to prevent damage, the control system will stop electrical supply to rotors.

## Maintenance

1. Clean the **X-drone Scout** with clean, dry soft cloth only.
2. To avoid irreparable damage, keep the **X-drone Scout** dry and away from water.  
Do not fly in rainy conditions.
3. Check the **X-drone Scout** and accessories for damage. If damage is found,  
do not use the **X-drone Scout** until it is repaired.

## Battery Installation & Charging

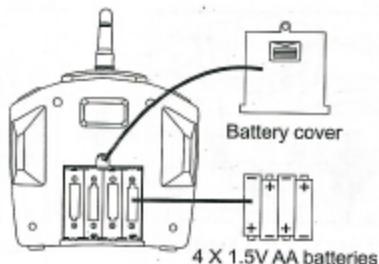
### Controller

**1. To install batteries:** Open the cover of battery case, insert 4 X 1.5V AA batteries, according to indicated polarity (batteries not included).

**Battery installation should be done under adult supervision only!**

**Do not mix old and new batteries.**

**Do not mix different types of batteries.**



### Charging

Connect the battery to the charger and then plug the charger into socket.



### Controller

#### Speed Select

1. Press to change speed (Listen to beeps)  
Slow speed - one beep  
Medium speed - two beeps  
High speed - three beeps

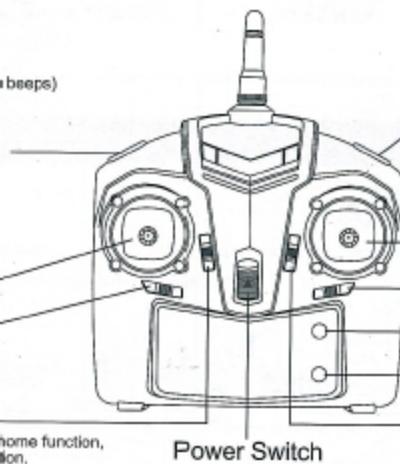
2. Getting into compass mode, hold down for 3 seconds till beep sound appears.  
Quitting from compass mode, hold down for 3 seconds till beep sound disappears.

Throttel / Left Stick

Trim Slider B

Trim Slider A

1. Press down for one key back home function, control rudder to quit this function.



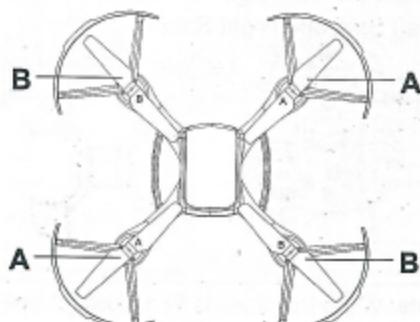
#### Flip/Control Mode Switch

1. Press once (one beep sounds) and then control rudder to perform flip function
2. Hold down for 3 seconds to change control mode (MODE 2 and MODE 4 Switch)

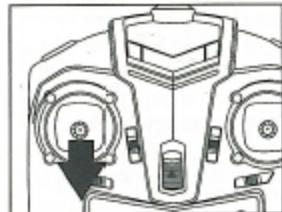
### Drone

#### Replacing Damaged blades:

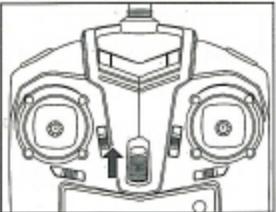
Your set will come with 4 replacement rotors, two (A) type and two (B) type. You will see the "A" and "B" word on the canopy, put the rotor on the motor accordingly.



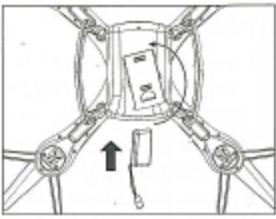
## Operating steps



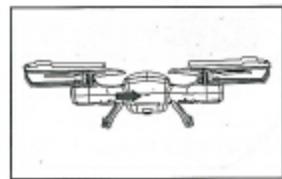
1.Put the throttle lever down.



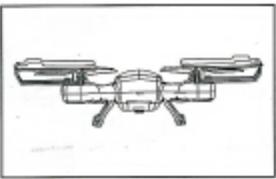
2.Turn on the controller



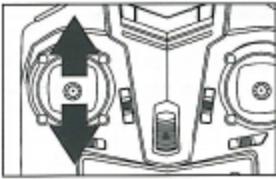
3.Open the battery frame and insert the battery inside.Put the battery plug into the drone for connecting.



3. Turn on the X-drone Scout (The LED light on the drone flashes rapidly)



4. Place the X-drone Scout at a level position.

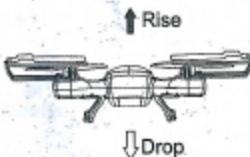


5. Push the throttle lever up and down, a beep will sound. The controller connects to the X-drone Scout ( The LED light on the drone remains on). The X-drone Scout is ready to fly.

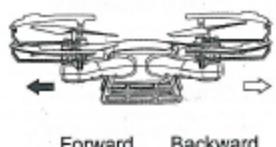
## MODE 2

### Operation and Control

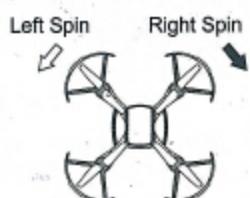
Up and down



Forward and Backward



Left Spin and Right Spin

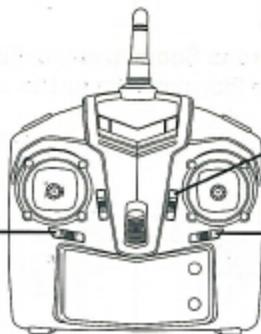


Leftside and Rightside



Note: When the drone is flying towards you, the control directions are reversed.

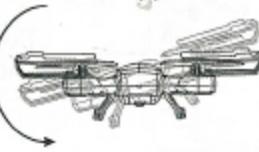
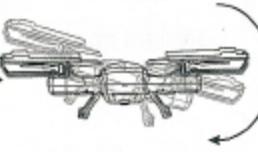
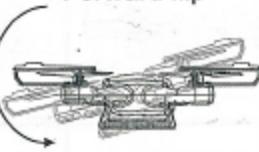
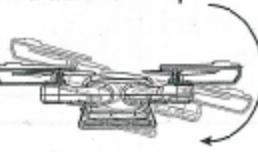
## Trim fine tuning



Backward Trim	Forward	Backward	
Forward Trim	Backward	Forward	
Leftside Trim	Right	Left	
Rightside Trim	Left	Right	
Left spin Trim	Counter-clockwise	Clockwise	
Right spin Trim	Clockwise	Counter-clockwise	

## Radical Flips & Rolls

You can perform flips with your **X-drone Scout** in any of the speed settings. Press the "MODE" button once and then push the rudder in related direction.

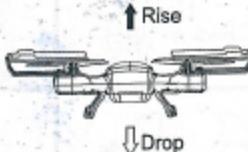
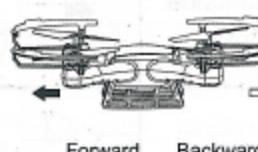
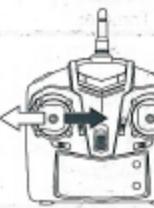
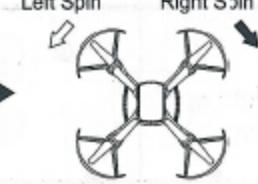
 Left flip 	 Right flip 
 Forward flip 	 Backward flip 



Before you perform a Flip Trick, always make sure you have enough space both above and below your **X-drone Scout**.

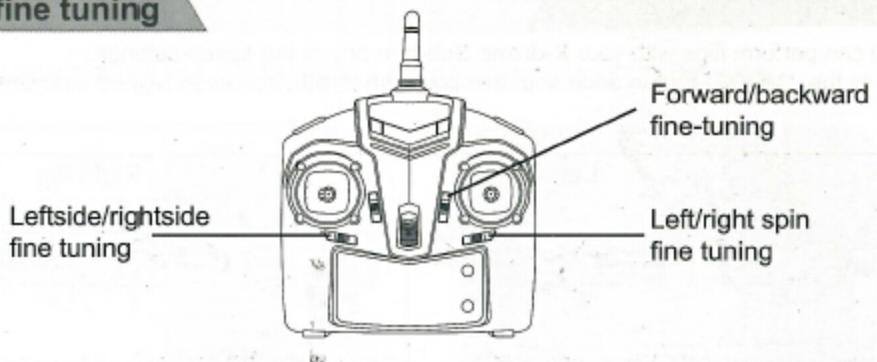
## MODE 4

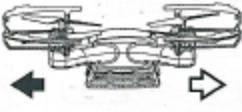
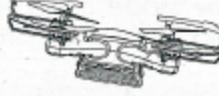
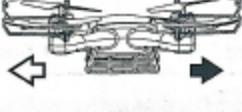
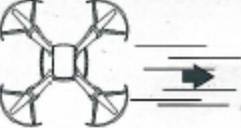
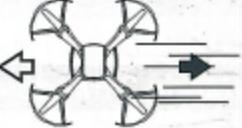
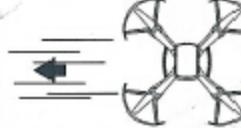
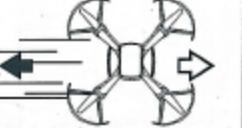
### Operation and Control

 Up and down 	 Forward and Backward 
 Leftside and Rightside 	 Left Spin and Right Spin 

**Note:** When the drone is flying towards you, the control directions are reversed.

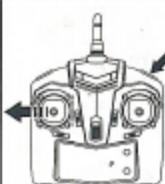
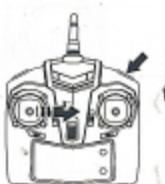
## Trim fine tuning



Backward Trim	 Forward		 Backward Trimmer
Forward Trim	 Backward		 Forward Trimmer
Leftside Trim			 Leftside Trimmer
Rightside Trim			 Rightside Trimmer
Left spin Trim			 Left spin Trimmer
Right spin Trim			 Right spin Trimmer

## Radical Flips & Rolls

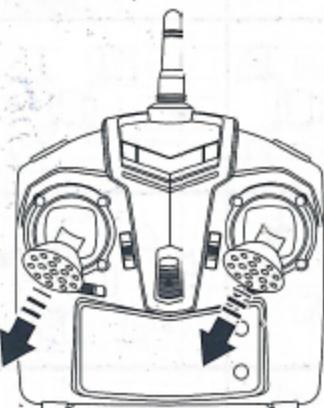
You can perform flips with your X-drone Scout in any of the speed settings. Press the "MODE" button once and then push the throttle/rudder in related direction.

 Left flip	 Right flip
Press the "MODE" button once and then push the throttle to left	Press the "MODE" button once and then push the throttle to right
 Forward flip	 Backward flip
Press the "MODE" button once and then push the rudder to forward	Press the "MODE" button once and then push the rudder to backward



Before you perform a Flip Trick, always make sure you have enough space both above and below your X-drone Scout.

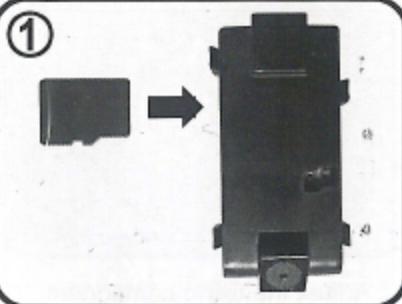
## Auto trim function (Mode 2 /Mode 4)



You can do the Auto Trimming with your X-drone Scout in any of the speed settings. Press the throttle and rudder down to 45 degree circle (as above) for 10 seconds, you will see the light on the PC board of drone flashing rapidly, then pls let go the throttle and rudder, the light on the PC board remains on, the auto trim finishes.

# Extra Instruction manual for H805C camera function

## HOW TO INSTALL CAMERA AND REVIEW PHOTOS/VIDEOS



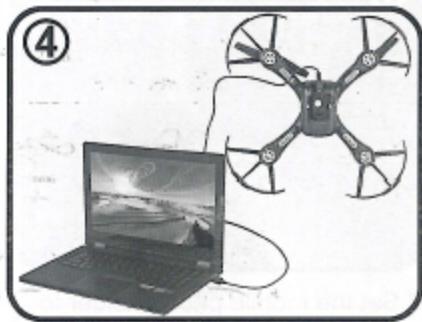
1.Insert the TF card CORRECTLY into the camera.



2.Connect the camera to the drone by "CAM" socket.



3.Hang the camera on the drone.



4.Before reviewing photos and videos, please insert one end of DATA CABLE into port of camera correctly, the other end into computer, open "my computer" and you will find related file of photos and videos you took.

## Extra Instruction manual for H805W wifi camera function



1. Connect the stand bar to the mobile phone fixing component.



2. Adjust the fixing component upward or downward according to the size of the mobile phone.

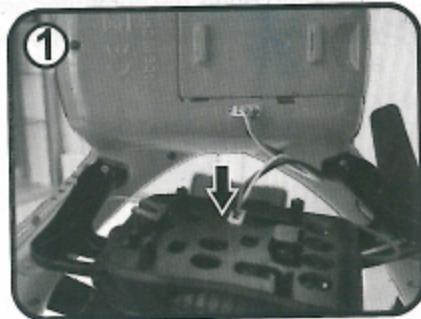


3. Set the mobile phone holder to the top of the remote control.

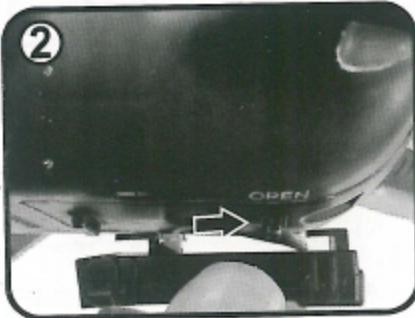


4. Use the screwdriver to tighten the bolt up.

### Install the camera on the drone



1. Plug the cable to "WIFI" socket and to the wifi camera.



2. Hang the camera on the drane.

## Software Download and Installation

APP (IOS)



APK (Android/ Oversea)

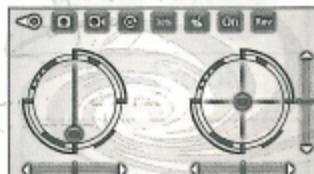
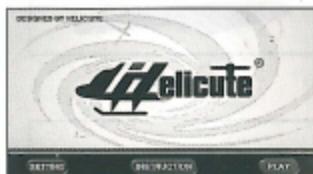


APK (Android/ Mainland China)



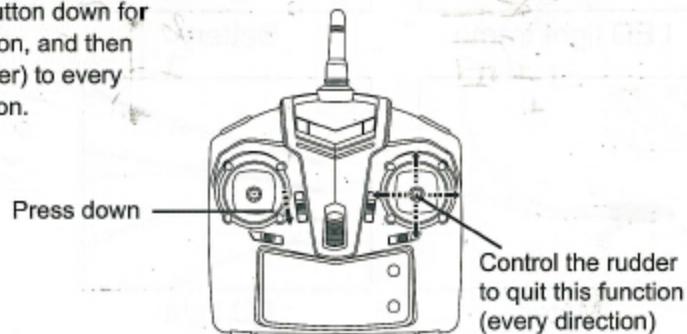
## Using Instruction

1. Connect the model to the power, the indicator on camera turns red.
2. Enter the "setting" menu of your mobile device and turn on WIFI.
3. Find a network WIFI called "**HELICUTE FPV**", click connection until "connected".
4. Open the "**HELICUTE FPV**" software, click the "play" icon into the control interface.  
And you will see the real time video.

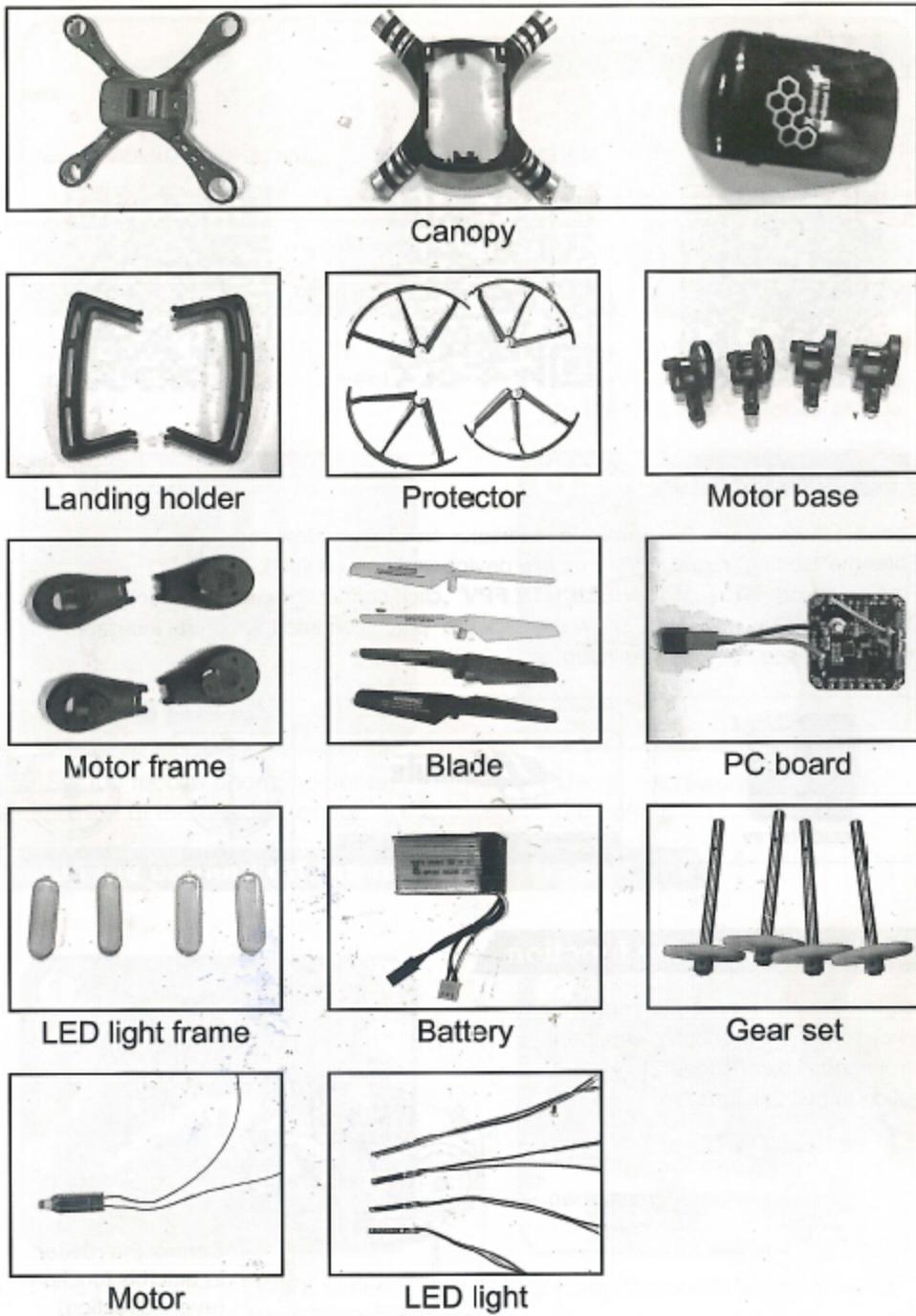


## One key back home function

Press the Trim Slider A button down for one key back home function, and then control right sticker (Rudder) to every direction to quit this function.



## Spare parts list



## FCC

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.

Caution: Changes or modifications 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.