

X25-1

Quad copter



Packing instruction

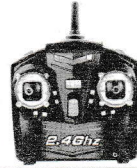
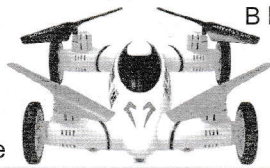
All items below are included in packing: (1)Quad copter (2)Charger
(3)Transmitter (4)Screwdriver (5)Main blade

A blade

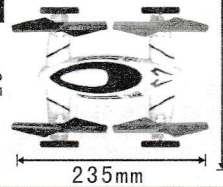
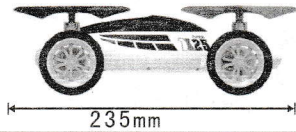
B blade

B blade

A blade



Main parameter



Main motor : Hollow-cup

Battery: 3.7V

Charge time: about 60 minutes

Flying time: 6 -7 minutes

Operating range: above 50m

Functions of transmitter and install instruction

- 1.Functions of transmitter as Fig. 1
- 2.Installation of transmitter as Fig. 2, to install 4 AA batteries (additional purchase) in right way

Caution

- 1.Install the battery should recognize the positive and negative terminals of the battery and battery box. Can not install in reverse.
- 2.Don't mix use the new and old battery, or difference kinds of battery.

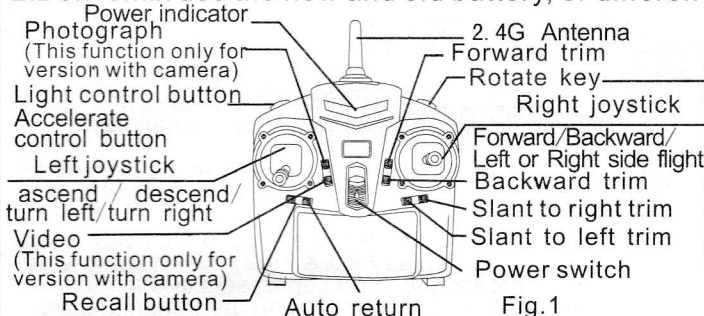


Fig.1

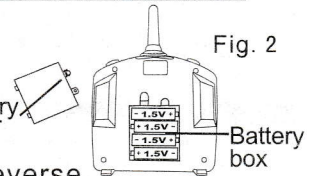


Fig. 2

Press the rotate key and cooperate with the right joystick

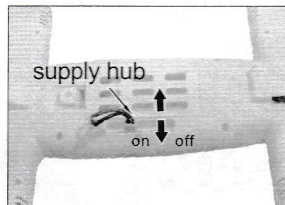
Forward rotate

Left rotate

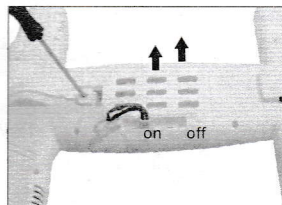
Right rotate

Backward rotate

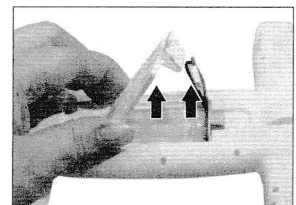
Method for changing and charging battery of quad copter



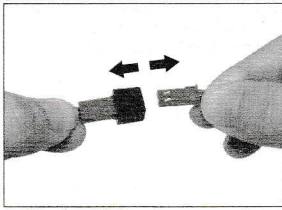
1.Pull up the battery terminals.



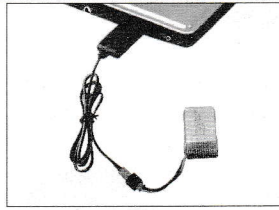
2.Looseen the screws and holding the battery cover.



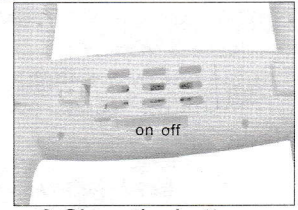
3.Remove the battery.



4. The USB plunge plug to the power connector.



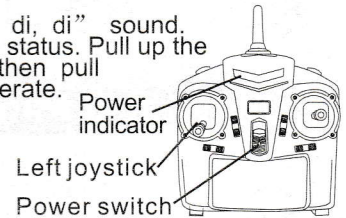
6. Insert the USB charging port into the computer for charging. (The light is off when charging. After charge full, the light is on)



6. Close the battery cover and lock screw.

Prepare for take off

1. Insert the battery plug into the battery jack of the quadcopter, open the power switch, Put the quadcopter on the flat ground, then the indicator light is flash fast. In this time, the quadcopter are in matching code status.
2. Turn on the transmitter, the indicator is flash with "di, di, di" sound. At this moment, the transmitter is in matching code status. Pull up the left joystick from the lowest position to highest position, then pull it back. And the indicator light keeps on, you can operate.
3. The quadcopter should match code every time after power on, and then you can operate.
4. Every time you turn on or off the transmitter, the quadcopter need to re-open, and they should match code again.



Tips for low tension

When the copter is flying to 5 minutes, and all the lights of the fuselage are glistening. It means the copter is in low tension. (In low tension, prohibit flipping)

Level calibration and trim reset

1. Quad copter level calibration

When the quad copter after take-off can not be corrected by fine-turning, lead to the quad copter hovering is operating difficultly, follow these steps to calibrate the quad copter:

- (1) Pull out the power of quad copter firstly, then tune off the switch of the transmitter.
- (2) Connect to the quad copter power supply, open the power switch, and put it on the horizontal plane, the lights of fuselage flashing.
- (3) To open the transmitter power switch, push up the throttle stick to the peak position, then push down to the lowest position (as Fig1 & Fig2). About 3 seconds later, you will hear a long sound "di", it means the quad copter succeed to match code, and the lights of the fuselage will always on. At this time the transmitter get into level adjustment.
- (4) You cannot push the throttle stick before match code. Push down the throttle stick to left bottom, at the same time, push down the rudder stick to right bottom (as Fig.3 show). At this point, the quad copter indicator light is flash, it is calibrating. Till the indicator light is always on, it completed. It will at normal flight.



Fig. 1

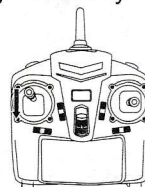


Fig. 2

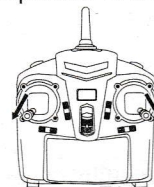
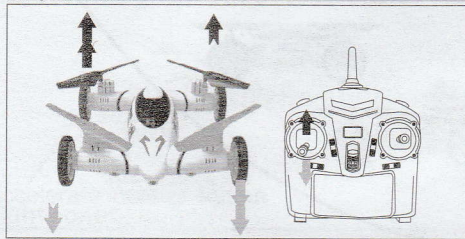


Fig. 3

Air and ground mode operating manual

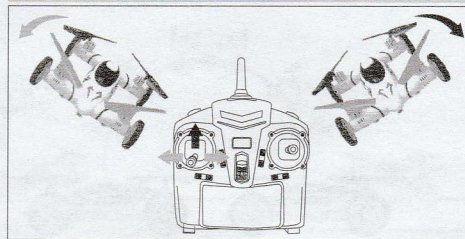
Air operation

Up/Down control



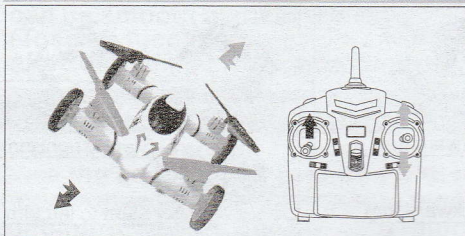
when the left joystick(throttle stick) is pushed up or down, the rotor will speed up or slow down, the quad copter will ascend or descend.

Ascent/Descend control



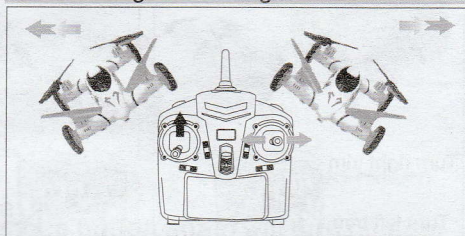
when the left joystick(throttle stick) is pushed up, at the same time push it to left or right, the quad copter will be turn left or right.

Forward/Backward control



when the left stick(throttle stick) is pushed up, at the same time push the right joystick up or down, the quad copter will forward or backward.

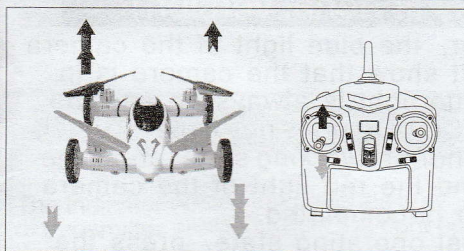
Left or Right side flight control



when the left stick(throttle stick) is pushed up, at the same time push the right joystick to left or right, the quad copter will slight to left or right.

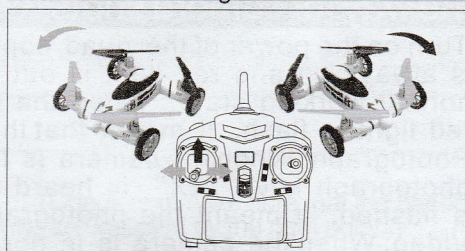
Land and air operation mode conversion

Forward / backward



When the aircraft is on the land, push down the left joystick to the lowest position, operate the right joystick up or down, the aircraft drives forward or backward accordingly.

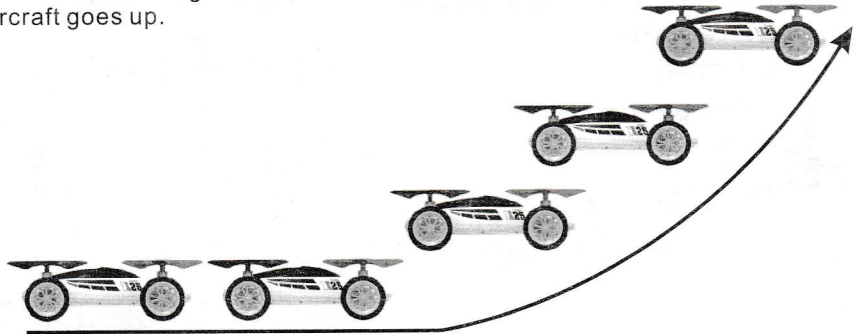
Turn left / turn right



When the aircraft is on the land, push down the left joystick to the lowest position, operate the right joystick to left or right, the aircraft turn left or right accordingly.

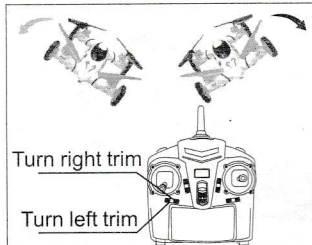
Notice: Pls pull down the left joystick to the lowest position in land operation mode, otherwise you can not operate the land operation mode.

Put the aircraft on the ground, when it drives forward or backward, push left joystick, the aircraft goes up.



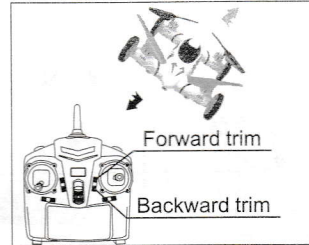
Fine-tuning operation

left/right fine tuning control



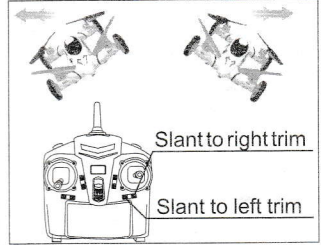
When the quad copter side fight to left or right, multitouch the left/right side flight fine-tune key, to regulate balance for the quad copter

forward/backward fine tuning control



When the quad copter in forward or backward flight, multitouch the forward backward fine-tune key, to regulate balance for the quad copter

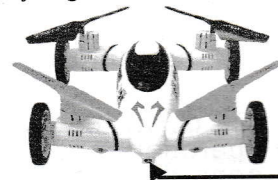
left/right side flight fine tuning control



When the quad copter side fight to left or right, multitouch the left/right side flight fine-tune key, to regulate balance for the quad copter

The way for camera shots (Only flr aerial version)

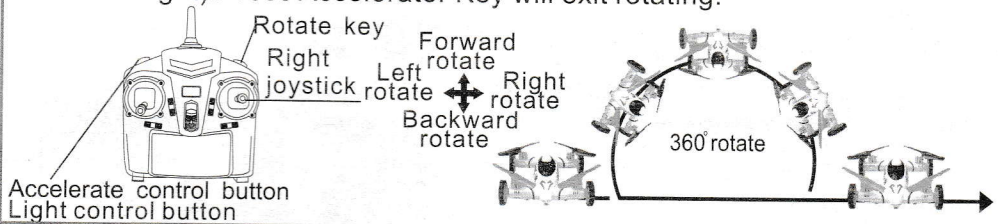
1. Turn on the power of the quad copter, the blue light of the camera is always on and red light is out. It show that the camera is in normal working state. When the blue light is always on and the red light is flash, it meant that the SD card does not access.
2. Photograph: When the camera is in normal working state, press the photograph key, "Di" is heard and the red light of the camera is flashed, it meant the photograph is completed.
3. Video: When the camera is in normal operating state, press the video key, "Di" is heard and the red light is always on, it is videotaping. When you press the key again, "Di" is heard and the red light is out, it is finished.



CAMERA

3D rotate operation

when the quad copter flying, press rotate key ,it have the didi sound. Push right joystick, the quad copter will rotate around(forward/backward/turn left/turn. right).Press Accelerator Key will exit rotating.



Tossing action instructions

Aircraft using six-axis gyroscope, play ability stronger. The aircraft throw out or turned upward while pushing the operating lever, the aircraft can be smooth blanket the sky.
(Tossing function works only for the quad copter after matching code, and stop operating)



Auto return mode and recall button

1. Auto return mode

Once the quad-copter is paired with the transmitter, press the auto return mode button to enter auto return mode. The transmitter will beep continuously. Pressing the auto return mode button again will turn off auto return. (Auto return mode can only be entered prior to take off. If you attempt to enter after take off, the copter will be misdirected or unable to fly.)

2. Recall button

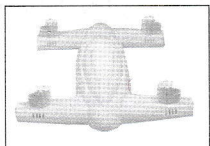
When the quad copter fly in auto return mode, press auto return button, the quad copter auto fly back to the direction of take off point (auto return cannot auto stop). As the quad copter fly back to take off point, push the right joystick to any direction to stop auto return (auto return only available for auto return mode)



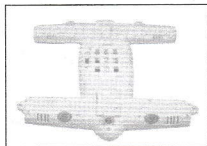
Troubleshooting guide

Problem	Cause	Solution
The indicator of transmitter doesn't works	Install the batteries but doesn't follow the right polarity.	Check and make sure that the batteries are installed by the right polarity.
	Batteries are drained.	Install new batteries.
No control	Transmitter's antenna is not screwed in place and/or is not fully extended.	Ensure that the antenna is screwed into the controller and fully extended.
	You play the helicopter in strong wind weather.	Do not fly in strong winds. For it will limit or disturb your flying control.
Copter is not flying high enough	Rotor speed is too slow.	Pushing up the left stick(throttle stick).
	Copter is not fully charged.	Fully charge your Copter.

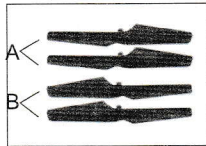
Accessories



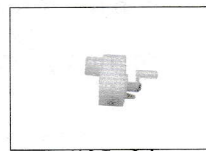
X25-01
upper cover of body



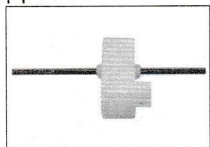
X25-02
bottom cover of body



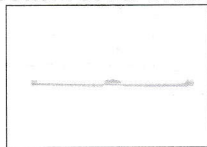
X25-03
AB blade



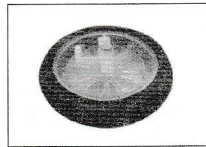
X25-04
head function box component



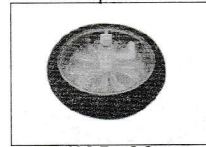
X25-05
rear function box component



X25-06
head steering linkages



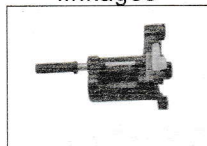
X25-07
head left wheel component



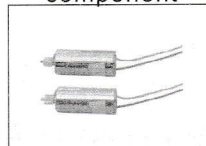
X25-08
head right wheel component



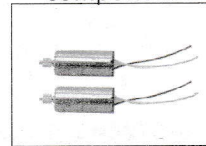
X25-09
tail wheel component



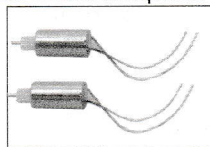
X25-10
motor seat component



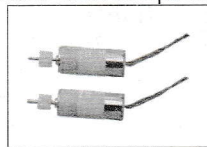
X25-11
positive rotate motor



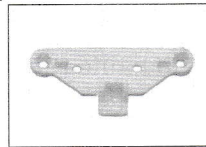
X25-12
reversal rotate motor



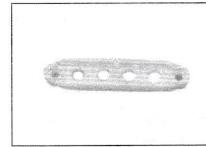
X25-13
head function box motor & gear



X25-14
rear function box motor & gear



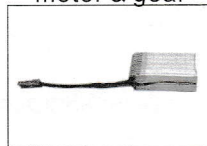
X25-15
video board preforming



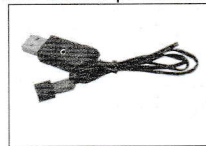
X25-16
head preforming



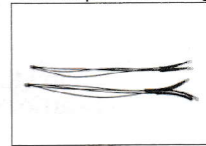
X25-17
rear axle positioning component



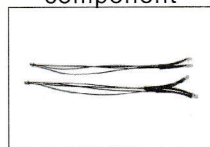
X25-18
3.7V battery



X25-19
USB (red plug)



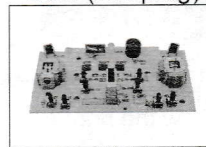
X25-20
head light of body



X25-21
rail light of body



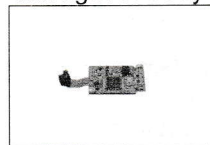
X25-22
receiver board



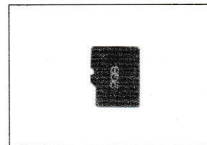
X25-23
emitter board



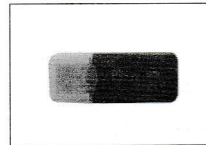
X25-24
Transmitter



X25-25
video board



X25-26
SD card



X25-27
card reader



Operating range: above 50m

Functions of transmitter and install instruction

1. Functions of transmitter as Fig. 1
2. Installation of transmitter as Fig. 2, to install 4 AA batteries (additional purchase) in right way

Caution

1. Install the battery should recognize the the positive and negative terminals of the battery and battery box. Can not install in reverse.
2. Don't mix use the new and old battery, or difference kinds of battery.

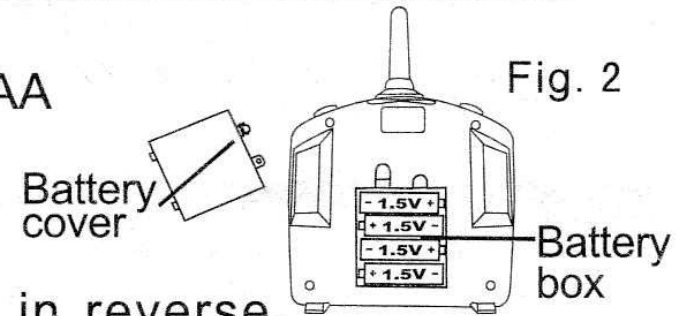


Fig. 2

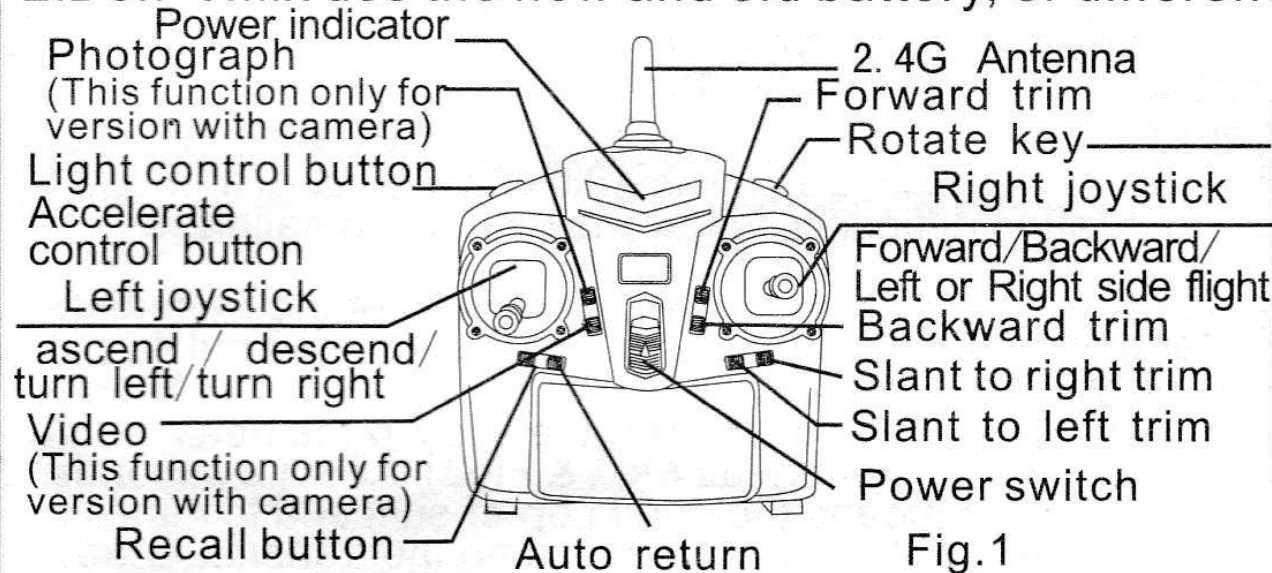


Fig.1

Press the rotate key and cooperate with the right joystick

Forward rotate

Left rotate

Right rotate

Backward rotate

Method for changing and charging battery of quad copter