AGES 14+

INSTRUCTION MANUAL

General Instructions

D7/7c/7ci R/C Quadcopter Series

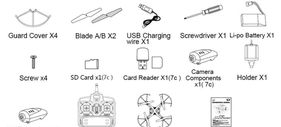
6-Axis Gyro System 2.4Ghz 5Channel 360°Flips

Main Functions:

1、Common Mode: High/Low Speed, Micron Tuning, Forward, Backward, Left, right, Turn Left/Right.
2、3D Mode: Rotate 360°, Back Home Button.
3、Headless Mode: it allows to fly forwards, backwards, left and right regardless of angles.
4、Optional Parts: remote control camera, high definition camera components, or WIFI image real-time transmission components.

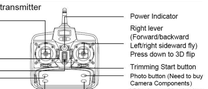
This manual is suitable for Item D7、D7c and D7ci. The functions not suitable for all, will be remarked as a note.

1 INCLUDED PARTS



2 TRANSMITTER

2.1 Introduction of transmitter



2.2 Install Batteries

Open the battery compartment by loosening the screws on the cover with a screw driver.

Put in 6 AA batteries with correct directions.

Put on the cover and get it fastened with screws.

1. Make sure the polarity of the battery and battery box should be correct and can't be loaded upside down.
2. Please do not mix using the old batteries with the new ones.
3. Please do not mix using batteries with different types.

3 INCLUDED PARTS

3.1 Mount undercarriage
Push the undercarriage into the under cabinet screw holes of the quadcopter, and fasten it with a nut.

3.2 Mount Guard Cover
Push the guard cover into the motor base, and fasten it with a nut.

3.3 Mount/Change Blades
Each blade must mount to designated location. Blade A shall be mounted to Location A, while Blade B to Location B as shown on the diagram. Improper mounted blades may cause problems, such as taking-off failure, deviation or crashing down.
Important Notice: it is strongly recommended to mount the guard cover and undercarriage before playing the quadcopter to avoid any potential damages.

Blade installation diagram

4 CHARGING LI-PO BATTERY

Take off the battery compartment cover, Insert charger into power socket, charger's indicator light is green, take out the battery(7.4V/1000mA) (Diagram 1).
Put the charger's charging wire into the battery's port.(Diagram 2),when it is being charged, charger's indicator light is red; when it is finished, the light changes to green.

Diagram 1 Diagram 2

Charging time: 100 ~120 minutes; Flight time: More than 6 minutes

please pay attention to the following security matters.
1. Do not put the rechargeable batteries in the place of high heating device, or it may cause damage and explode.
2. Do not strike the batteries
3. Do not put the batteries into the water, the batteries should be kept in a dry place.
4. Do not decompose the batteries.
5. Do not leave when you are charging

5 STANDBY FOR FLY

5.1 Operation System Booting

5.1.1
Diagram 1: Connect the battery to the quadcopter.
Diagram 2: Switch on the flying object and put it on the ground.
Diagram 3: The LED indicators will flash to pair the flying object with the controller.
Switch on the controller to pair. The indicators will light on instead of flashing when pairing is complete. Push the left lever /accelerator to top with a beep, then pull down to bottom with a beep to unlock.

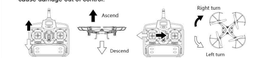
5.2 Calibration

After pairing, place turn the right lever a round counterclockwise. Four lights on the quadcopter flash. The calibration finishes.
Note: The quadcopter has been well calibrated before delivery. It is not necessary to recalibrate without need.

6 OPERATING AND CONTROL

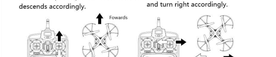
6.1 Operating Instructions

If the quadcopter falls down in showing, the operator can accelerate slowly to have the quadcopter going up as needed. Caution: the acceleration shall be very gentle, or it may cause damage out of control.



Push the left lever (accelerator)up and down, The quadcopter will ascends and descends accordingly.

Push the left lever (accelerator)leftward and rightward,the quadcopter will turn left and turn right accordingly.

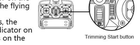


Push the right lever (swerving rudder) , the quadcopter will go forward and backward accordingly.

Push the right lever (swerving rudder) leftward and rightward, the quadcopter will go leftward and rightward accordingly.

6.2 Trimming

Press down the button of micro tuning to enter into micro tuning mode.
※ If the flying object deviates forwards, the right rod shall pull backwards. The indicator on the controller and the rear indicators on the flying object will flash.
※ If the flying object deviates backwards, the right rod shall push forwards. The indicator on the controller and the front indicators on the flying object will flash.



※ If the flying object deviates leftwards, the right rod shall push rightwards. The indicator on the controller and the right indicators on the flying object will flash.
※ If the flying object deviates rightwards, the right rod shall push leftwards. The indicator on the controller and the left indicators on the flying object will flash.

The tuning can be made repeatedly till it flies steadily. Then press down the tuning button to exit.Please kindly note that the tuning mode will exit automatically if no operation within 3 seconds.

7 3D Flips Mode

Press down the right lever, with a beep, into rotation mode. Operate the right lever forwards, backwards, leftwards or rightwards, and the quadcopter will rotate forwards, backwards, leftwards or rightwards accordingly.

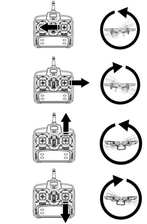
It is strongly recommended that the rotation shall be made by keeping the quadcopter with a certain height, such as 1.2 meters high, and keeping it in hovering, avoid any potential damage.

7.1 Leftward flip
Press down the right lever , with a beep, push the lever leftward, the quadcopter will flip one circle leftward.

7.2 Rightward flip
Press down the right lever , with a beep, push the lever rightward, the quadcopter will flip one circle rightward.

7.3 Forward flip
Press down the right lever ,with a beep,push the lever forward, the quadcopter will flip one circle forward.

7.4 Backward flip
Press down the right lever , with a beep,pull the lever backward, the quadcopter will flip one circle backward.



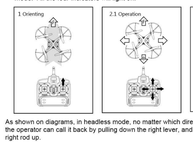
Low Battery Alarm
When all the four indicators flash at the same time, it is a signal of low battery. The rotation function will be closed automatically.

8 Headless Mode

8.1 Mode Change

With new remote control skill and automatic identification, you can call back the quadcopter no matter where it is.

※ Start Headless Mode
Upon paring, place the quadcopter on the ground or keep it hovering in the air, with the head (white blades) of quadcopter pointing to the direction of transmitter, then press down left lever, with a beep, into headless mode. The diagonal two indicators will flash.
※ Out of Headless Mode: press down again the left lever, with a beep, to exit out of headless mode. All the four indicators will light on.



As shown on diagrams, in headless mode, no matter which direction the quadcopter pointing, the operator can call it back by pulling down the right lever, and fly it far away by pushing the right rod up.

8.2 Return

Return : In headless mode, press down the Return button on the transmitter (diagram 1). The quadcopter will automatically return.If the quadcopter off course,when return. Please control the right lever fixed route, press down the return button or push the right lever "forward" let the quadcopter stop return(diagram 2).

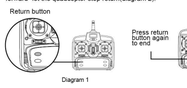
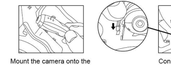


Diagram 1 Diagram 2

9 CAMERA FUNCTION（D7c）

9.1 Mount Camera and WIFI Components（D7c/ D7ci)



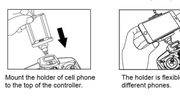
Mount the camera onto the bottom of quadcopter by inserting it into the battery compartment.

Connect the cable of camera into the socket.

9.2 Mount SD Card
Insert SD card into the slot, press down to insert and press down again to pop up.
Please note that the red and green indicators under the camera will flash alternately to remind to insert SD card.
9.3 CAM/VIDEO Function
Switch on the quadcopter, press down the CAM/VIDEO button on the controller into camera or video mode. Each shot will have the red indicator flash one time; video recording will trigger the red indicator flashing all the time till finishing recording. The pictures or videos will be stored in SD card.
9.4 Video/Picture Treatment
Switch off the flying object to take out SD card. Put SD card into a card reader to browse or download the videos or pictures.

10. WIFI Transmission in Real Time（D7ci）

10.1 Mount the Holder of Cell Phone （D7ci）



Mount the holder of cell phone to the top of the controller.

The holder is flexible to suit different phones.

10.2 Software Download

ios QR Code Android QR Code

10.3 Switch on the flying object, open WIFI on the phone. Find the option of WIFI "FPV_******" on the WIFI list and connect till it shows Connected. Open the application of Skyline on the phone into control panel. The phone will display the real time screen on the camera.

11 FLIGHT ENVIRONMENT:

Under the bad conditions above, the quadcopter shall not operate to avoid any potential damages.

12 TROUBLE SHOOTING

12.1 Transmitter and quadcopter not bland solution:Make sure Frequency of success.
12.2 Gyro not working well.
Solution: 1)Battery voltage too low.
2)Re-bind.
3)Make sure the quadcopter on the horizontal position.
12.3 Unable to flip
Solution: 1)Press right lever ,change to flip mode.
2)Check if li-po power is too low and needs to be recharged.
12.4 Quadcopter is shaking with noise:
Solution: Check if the motors,canopy,body and propellers are all properly positioned.
12.5 Cannot take off.
Solution: 1)Wrong installation of the props. All props are marked with "A" or "B" and should be placed on the right motor (marked "A" or "B" respectively for the correct order.
2)Check quadcopter canopy if loose or not,block blades flying
3)Check quadcopter battery is power full.if the low power, quadcopter canopy inner light will be alternately flashing.

Caution: The flying object may have potential hazards to children. A child must have adult's monitoring and assistance.