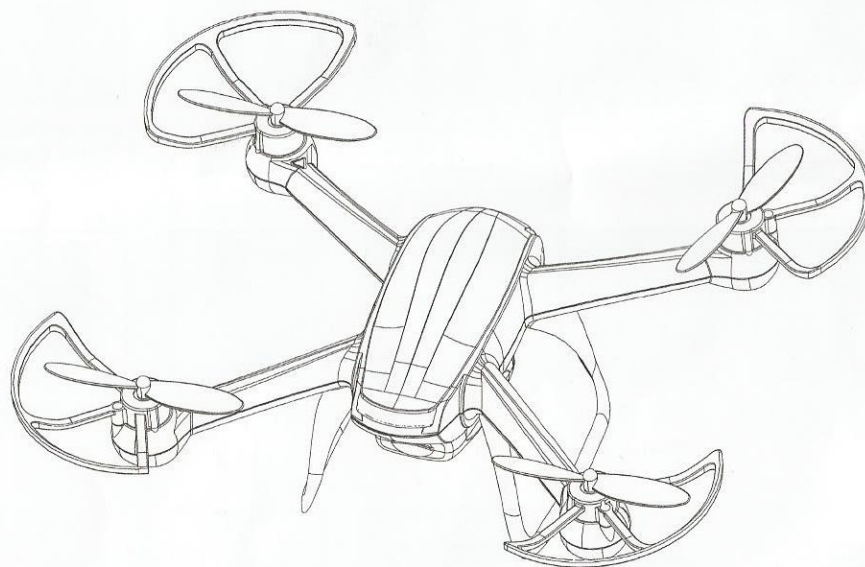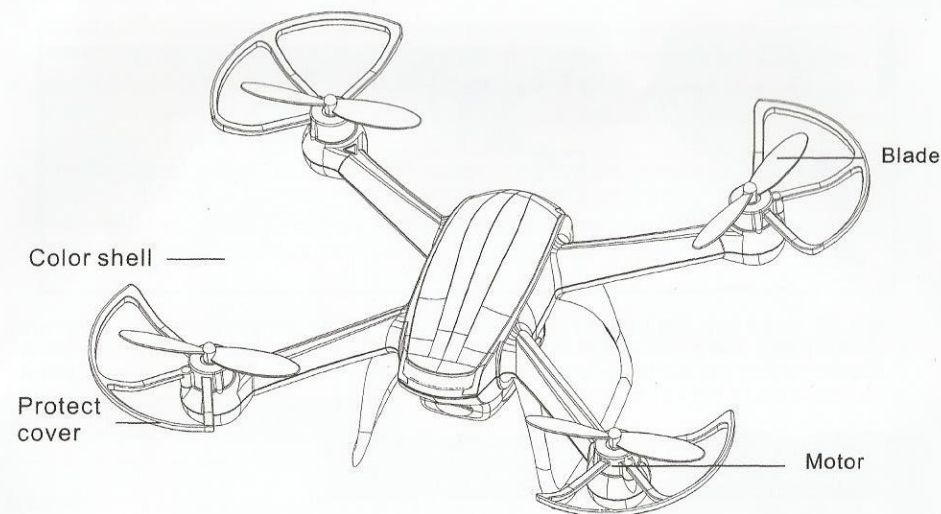# 007 SERIES

2.4 GHz

Quadcopter with built in six-axis gyro built in
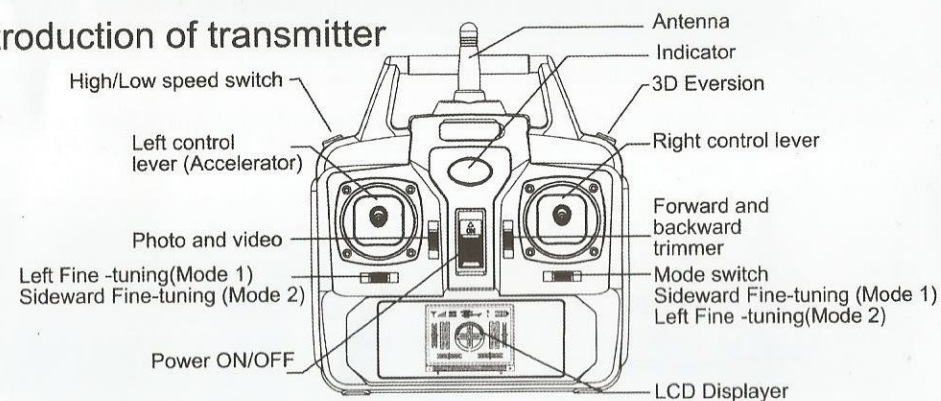
Instruction for use

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.
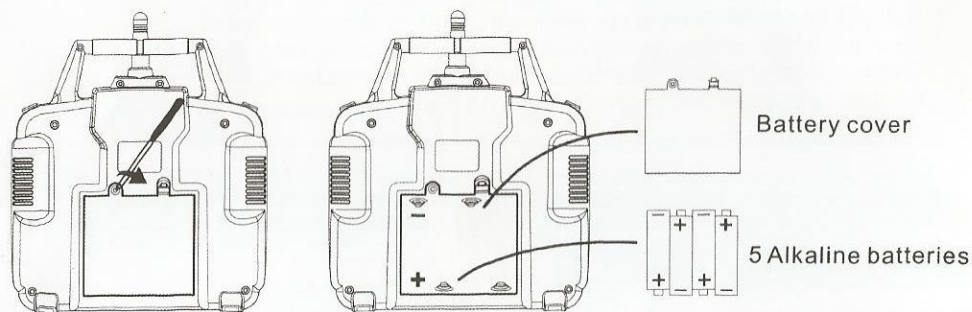
Parts name

- Blade
- Color shell
- Protect cover
- Motor

Introduction of transmitter

- Antenna
- Indicator
- 3D Eversion
- High/Low speed switch
- Right control lever
- Left control lever (Accelerator)
- Forward and backward trimmer
- Photo and video
- Left Fine -tuning(Mode 1)
- Sideward Fine-tuning (Mode 2)
- Mode switch
- Sideward Fine-tuning (Mode 1)
- Left Fine -tuning(Mode 2)
- Power ON/OFF
- LCD Displayer

Note: 1. The vice-blade steering engine can be divided into four levels like 25%, 50%,75% and 100% by the rudder volume fine tuning.
The user could select any one of the levels according to familiarity of operation.
The original rudder volume is 25% when turn on the power.
The remote control has two types, one with led and one without.
Even without the led, user could still distinguish the rudder volume by listening to the Indication voice.
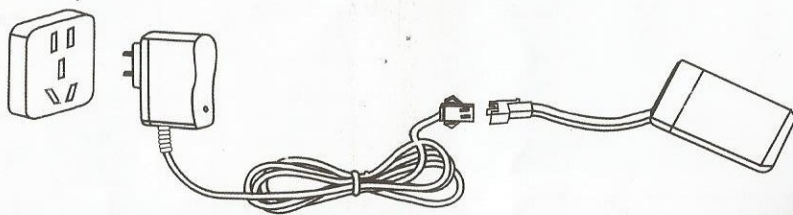It's "di" with 25%, "didi" with 50%, "dididi" with 75% and "didididi" with 100%.

Assembled remote controller

Open the battery cover on the back of remote controller. Insert four #5 alkaline batteries in accordance with the instructions on battery box. (Battery should be purchased separately, old and new or different types of batteries shouldn't be mixed.)

Battery cover

5 Alkaline batteries

Recharge the quadcopter battery

Insert the factory equipped charger plug into the power, the recharger indicator is green, then connect the product battery, the indicator will turn to red, it indicate the battery is under recharging, when the indicator turns to green again under the recharge status, that means recharge finish and the battery is full. Whole recharge time will be around 100 minutes Press 3D mode key, the transmitter indicator turns on, fly the quadcopter to 2 meters high and press the right control stick to any direction quickly to its bottom and release it, the quacopter will roll to the direction corresponding to the right control stick, if need to quit then press the key again
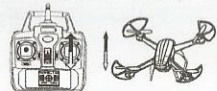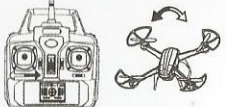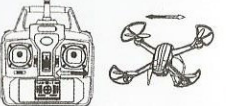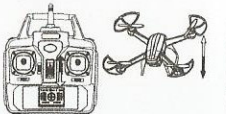

1.In case that the quadcopter might descend on a further or insecure zone due to the insufficient battery power when flying outsides, the quadcopter is specially designed with the function of secure warning. When the battery power is insufficient, the Led light would turn from constant lighten to flashing. Then player may have time to take back the quadcopter and change the battery or recharge for the next flight.
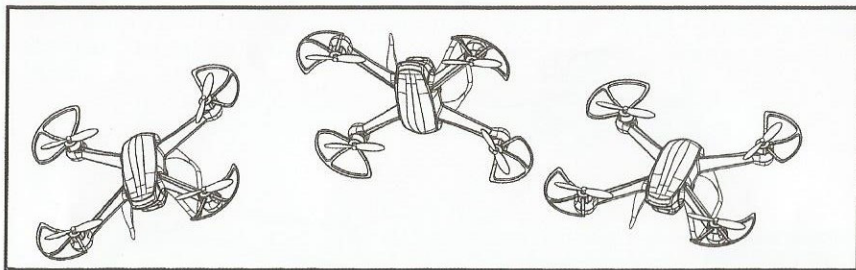
1. Please operate in spacious indoor or outdoor without rain or snow, and wind power should be below 4 grade, be away from people, animals and obstacle.
2. Insert the Li-po battery provided by factory into quadcopter, the indication light of the quadcopter is flashing, then put the quadcopter on leveled place and wait for frequency adjustment.
3. Pull the acceleration lever to the lowest, turn on the remote control's switchover, push the acceleration lever to the highest, then pull it back to the lowest again. There will be a "di" sound and the quadcopter indication light turns on, then the frequency adjustment is completed and it's ready for taking off.

Flying controlled and fine tuning

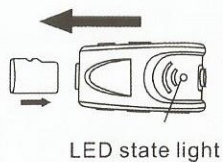|		
Ascend /descend	When the left operating lever push up or pull down, the quadcopter is ascending or descending.	
Turning	When the left operating lever push left or right, the quadcopter turns left or right.	
Forward /backward	When the right operating lever push up/down, the quadcopter goes forth/back.	
Side Fly	When the right operating lever push left or right, the quadcopter goes to the left or right.	
Turning fine tuning	When the quadcopter is hovering and the head of the quadcopter turns left or right, turn the fine tuning to the right or left until the quadcopter keeps balance.	
Side-fly fine tuning	When the quadcopter is hovering, and the quadcopter is deviate to left or right, then turn the side-fly fine tuning to right or left until the quadcopter keeps balance	
Forward backward fine tuning	When the quadcopter is hovering and the quadcopter is deviate to forward or backward, turn the forward/backward fine tuning up or down until it keeps balance.	

3D roll over

Press 3D mode key, the transmitter indicator turns on, fly the quadcopter to 2 meters high and press the right control stick to any direction quickly to its bottom and release it, the quacopter will roll to the direction corresponding to the right control stick, if need to quit then press the key again

Instruction for video shooting and photographing
(DM007 webcam kit should be purchased additionally)

1. Insert the **2GB** card slightly into the webcam module's card channel, then tie the module as the picture shown to the card position which is at the bottom of the battery box, and then open the upper cover and take out the webcam's plug and insert it into the red video shooting outlet of the circuit board.

2. by pressing the photo mode key of the remote control, the red light would flash once, meaning that the quadcopter is taking photo; by pressing the video shooting mode key, the red light turns into constant on, meaning that the quadcopter is taking video. Press the video shooting key again to stop the shooting and the red light turns off, that means the video shooting is finished.

3. press the **2GB** card slightly to take it out, then insert the card into the card reader and insert it into the USB outlet of the computer to read the data of aerial photography from "my computer"—"portable hard disk".

LED state light

Warm Tips:
1. press The video shooting key again to save the video when finish the video shooting.
2. An AVI form should be compatible to the video playing software
3. the red light indicator will be flashing quickly when the 2GB card is not inserted or full.

Common problem and solution instruction：

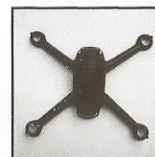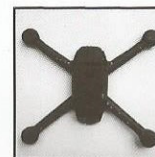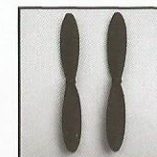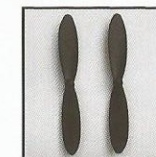| The problem	Reason	Countermeasures
The indication light of the quadcopter is flashing and without reaction when operated	1.Frequency modulation between the quadcopter and remote control is not operated correctly. 2.Insufficient battery power	1.Refer to the Preparation for taking off,and re-modulate 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

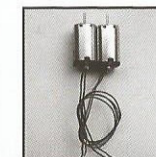## Accessories (choose to buy)

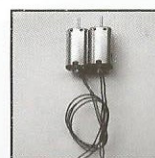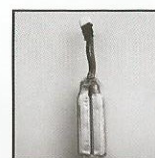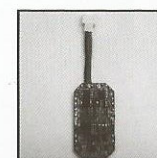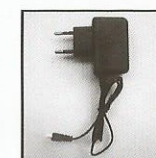| 1upper cover	2lower cover	3Clockwise blades (serial number A)	4Reversal blades (serial number B)	5Counter-clockwise (Red blue line)

6Reversal motor (black white line)	7Battery	8Receiver board	9battery charger	10Webcam kit

11 Ming stupid	12Protect cover	13landing gear	14 screwdriver