

U207



MINI MULTIFUNCTIONAL FOUR AIRCRAFT

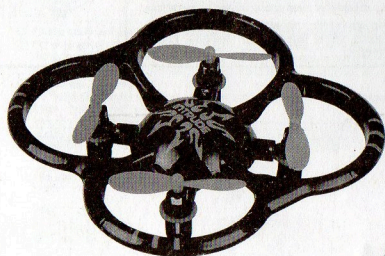
超迷你四轴飞行器

INSTRUCTION MANUAL

使用说明书

Quadrocopter
In The House!

2.4G

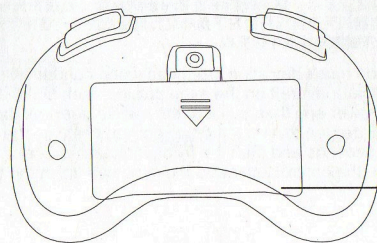
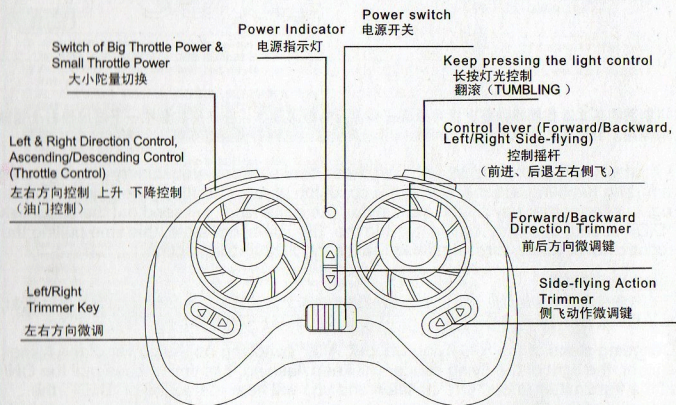


1. NOMENCLATURE 遥控器各部位名称



禁止

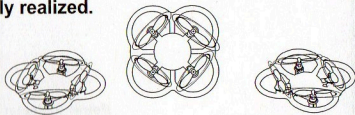
Do not disassemble
禁止任意拆解



Battery cover
电池盖

Stable flying, flexibility, cruising line, shaking tail, 3D tumbling, such actions can be easily realized.

飞行稳定、灵活、航线、甩尾、3D翻滚动作轻松实现



★ 当前面的基本动作都很熟练时就可以玩一些惊险的翻滚动作，在任何能量按一下遥控器右上角按键，遥控器发出连续的滴滴响声，此时进入3D翻滚状态，这时打遥控器摇杆任何方向实现3D翻滚。

★ When you are proficient enough with these basic actions, you can try playing some amazing tumbling actions. Under the condition of any Throttle Power, simply press the right upper corner key on the transmitter, the transmitter will send out the successive "DiDi" sound, this time it will enter into the "3D Tumbling" state, this time pulling the control lever to any directions can realize the 3D tumbling action.

★ 遥控飞碟对频步骤:

飞碟电源接通后飞碟的灯常闪遥控器电源开关拨到ON听到滴滴的声音遥控器指示灯常亮遥控器油门向上拉到最顶遥控器听到滴的声音然后油门往回拉到最底滴的一声就对频对了可以正常飞行。

★ Decoding steps of the R/C flying Saucer: After switching on the power of the flying saucer, the light of the flying saucer will keep flashing, this time please pull the ON/OFF of the transmitter to the "ON" position and you will hear the sound of "Di,Di", the indicator of the transmitter will keep eternal bright. Pull the throttle lever upward till the Highest position, you will hear the sound of "Di", then please pull the throttle lever back to the Lowest position until you hear one sound of "Di", that represents the decoding has been successfully finished and you can be ready for taking off normally.

★ 注意: 当飞行器悬停偏离较多时, 把飞行器平放在平坦的地面上然后把遥控器能量大小调到大量, 各微调回中, 同时把遥控器的两个操纵杆向左下角45度打到底此时飞行器指示灯闪烁约3秒钟然后飞行器指示灯常亮就可以松开操纵杆校准中位完成。

★ Caution: If there is too much deviation produced when conduct fixed position hovering in the air, please put your aircraft on the even ground, then pull the throttle lever upward till biggest Throttle Power and then pull it to the middle position, then pull extremely the two control levers 45 degree toward left down corner, this time the flying indicator will be flashing for about 3 seconds and then the flying indicator will keep eternal bright, this time you can release the control lever and thus you can finish the trimming of neural position.

★ 在飞行的过程中 在遇到撞击的情况下 有可能出现的情况:

1. 风叶不转 或者四片风叶转速不均匀. 要检查风叶的松紧程度看看会不会太紧解决办法风叶拔出来重新再安装下去直到匀速转动.
2. 风叶不转 要检查电机是不是会正常工作或者线路是不是连接正常如果线路断了就要重新连接要是线路正常就要看看电机是否损坏如果电机损坏要及时更换电机.

★ During the course of flying, in the case that meeting the collision, such symptom may be appeared:

1. The blade doesn't work or the rotating speed of the four pieces of blades is not even. This time please check if the blade is too loose or too tight and find a solution. The solution may be pulling out the blade and then reload it until it can rotate in an even speed.
2. The blade doesn't work. Please check if the motor can be working normally or if the circuit is normally connected or not. If there is any circuit cut, please re-connect the wire. If the circuit goes normal, please check if the motor is damaged or not. If the motor is damaged, please timely change it.

8. SAFETY NOTES 安全注意事项



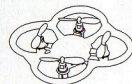
R/C flying saucer, quadrotor belongs to dangerous commodity. Please keep it far away from the crowd when flying. Any incorrect assembly may cause damaged to the parts or ill contact of the electronic R/C equipment. Any unfamiliar operating may cause unexpectedly accident such as loss of control or damaged. Please pay more attention to the flying safety and get to know the reason and cause which may cause the accident or any accidents may be produced due to your own negligence. 遥控模型飞碟, 四轴飞行器属于危险性商品, 飞行时务必远离人群, 人为组装不当或元件损坏, 电子控制设备不良, 以及操控上的不熟悉, 都有可能造成飞行失控损伤等不可预期的意外, 请飞行者务必注意飞行安全, 并需了解自负疏忽造成任何意外之责任。



Special aircraft for both indoor and outdoor, please keep it far away from the obstacle when flying. 室内、室外专用机, 请远离障碍物

This R/C aircraft is suitable to be played both indoor and outdoor (including the wind force no bigger than 4 class in outdoor). Please choose non-obstacle indoor or outdoor environment for flying and keep certain distance from the crowd or pet. Please DO NOT operate it under the dangerous environment such as heat source, electric wire, power, etc. so as not to cause the fire disaster due to collision or forced-landing or entwine or being electrically shocked or even cause life and property loss.

本产品适合室内、室外(包括室外风力不要大于4级)环境飞行的遥控飞行器, 飞行时请妥善保管选择无障碍的室内、室外场地, 并人群或宠物等保持适当距离, 切勿于不安全的环境下操作, 如热源、电线 电源等等, 以免飞行器碰撞、撞降、纠缠而引起火灾, 电击等危险, 造成生命财产损失。



7. FLIGHT ADJUSTMENT AND SETTING 飞行动作调整与设定

PLEASE PRACTICE SIMULATION FLIGHT BEFORE ACTUAL FLYING 飞行前请先熟悉模拟飞行

Before getting to know the operation of each function of the aircraft, flying this aircraft is highly forbidden. Please read the instruction manual first to familiar with the operation of all kinds of direction and keep repeating such practice until your finger can control proficiently each action and the corresponding direction.

1. Please place this aircraft on the spacious area and aim the back of the aircraft to yourself.

2. Practice each control lever on the transmitter (the operating method of each action is as the picture shown below). Keep practicing repeatedly the Acceleration/Deceleration, aileron turning Left/Right, Forward/Backward of the rudder and Left/Right Steering.

3. Practice of simulated flying is quite important. Please repeatedly practice until you can operate it without thinking and your finger can operate naturally with the instruction given.

在还没有了解飞行器各个动作的操控前，严禁实机飞行。请先阅读说明书，熟悉各种方向的操控并不断的重复，直到手指可熟练的控制各种动作以及方向。

1. 将飞行器放在空旷的地方，并将飞行器背面面对准自己。

2. 练习操作遥控器的各摇杆（各动作的操作方式如下图），并反复练习油门高/低、副翼左/右、升降舵前/后及方向舵左/右操作方式。

3. 模拟飞行的练习相当重要，请重复练习直到不需要思考，手指能自然随着喊出的指令移动控制。

Mode	Illustration 图示	Mode	Illustration 图示
Aileron 副翼		Throttle 油门	
Left of fly 左侧飞		On the right to fly 右侧飞	
Forward/前飞		Rudder 方向	
Fly forward 前进		Turn left 左旋	
Fly backward 后退		Turn right 右旋	

FLIGHT ADJUSTMENT AND NOTICE FOR BEGINNERS 初学飞行调整与注意

CAUTION 注意

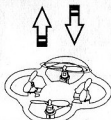
- Once again please confirm if the screws are firmly locked?
- Also please confirm if there is sufficient power with the transmitter and the battery inside the receiver.
- 再次确认螺丝是否锁紧?
- 发射器和接收器电池是否足电。

CAUTION 注意

- Please confirm there are no people or obstacle on the temporary area.
- For the sake of safety, you should practice hovering first. This is the basic step for flying (Hovering: It means that the aircraft is staying in the air and keep flying in certain fixed position).
- When practicing, please stand 2 feet away from the rear side of the aircraft.
- 确认临时地区没有人及障碍物。
- 为了飞行安全，你必须先练习停悬，这是飞行动作的基础（停悬：飞行器滞留在空中并保持固定位置）。
- 练习时，请站在飞行器后方2公尺。

STEP 1 THRUSTLE CONTROL PRACTICE 油门控制练习

Mode



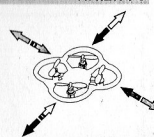
When the aircraft is off the ground, slowly reduce the throttle to make the aircraft be landing. Keep practicing flying like ascending from the ground and descending or landing until you can feel that you can control the throttle freely and smoothly.

当飞行器离地后，慢慢降低油门杆将飞行器降下。

持续练习飞行器从地面上升和下降直到你觉得油门控制很顺。

STEP 2 ELEVATOR CONTROL PRACTICE 升降控制练习

Mode



- Slowly increase the throttle control lever.
- Make sure the aircraft can perform the command instruction given: Move Backward/Forward/Turn left/Right. Move the control lever in reversing direction to move the aircraft away from the original position.
- 慢慢升起油门杆。
- 使飞行器按指令：移动向后/向前/向左/右，慢慢的反向移动升降舵杆并将飞行器升回原来位置。

CAUTION 注意

- When the flying route keep deviating, please reduce the throttle and make landing, then move it to your own place where is 2 feet away from the front rear side of the aircraft.
- If the aircraft is too far away from you, please land your aircraft firstly, then move the aircraft to the place where is 2 feet away from you.
- 当飞行器偏移时，请降低油门杆并且降落，然后移动到自己的位置到飞行器的正后方2公尺再继续练习。
- 假如飞行器离你太远，请先降飞行器，并到飞行器后2公尺再继续练习。

STEP 3 RUDDER CONTROL PRACTICING 方向舵控制练习

- Slowly raise the throttle stick.
- Move the aircraft from left to right, then please move slowly the Direction Lever in reversing direction and then fly your aircraft back to the original position.

- 慢慢升起油门杆。
- 将飞行器左右移动，然后慢慢的反向移动方向舵杆并将飞行器升回原来的位置。

STEP 4

When you feel that you can be familiar with Step-3, please draw a circle on the ground and practice flying within this circle so as to increase the operating accuracy.

- 当你觉得Step1-3动作熟悉了，在地上画圈并在这个圈的范围内容飞行，以增加你的操控的准确度。
- When you are more used to the operating action, you can draw a smaller circle to practice.
- 当你更加习惯操作动作，你可以画更小的圆圈。

STEP 5 DIRECTION CHANGE AND HOVERING PRACTICE 改变飞行方向和练习停悬

When you feel that you are familiar with the Step1-4, please stand at the side of the aircraft and continue practicing Step 1-4, stand in the front of the aircraft and practice repeatedly these steps.

当你觉得Step1-4动作熟悉了站在面对飞行器侧边再继续练习Step1-4，之后，站在飞行器前方重复步骤练习。



ADJUSTMENT OF EACH TRIM 飞行动作微调

Slowly push upward the throttle lever. When the aircraft is flying off the ground, if the aircraft keep inclining to different direction, please use the trimmer key to trim it to fly in normal state.

慢慢升起油门杆。当飞行器刚刚离开地面时，若飞行器倾向不同方向，可使用微调修正动作。

1. Adjustment of elevator trim 调整升降舵微调

Just before the aircraft lift-off, the nose lean forward/backward...

When leans forward, adjust the trim to down.

When leans backward, adjust the trim to up.

在飞行修正前起飞时，飞行器前/后方向偏移...

向前偏移时，微调向下调整。

向后偏移时，微调向上调整。

2. Adjustment of aileron trim 调整飞行器侧飞微调

When the aircraft is just taking off, the aircraft may make left/right side-flying...

When making right-side flying, please trim it to the left.

When making left-side flying, please trim it to the right.

在飞行修正前起飞时，飞行器偏左/右方向偏移...

向右侧飞时，微调向左调整。

向左侧飞时，微调向右调整。

Mode



Mode



Forward 前移

Backward 后移

Mode



Mode

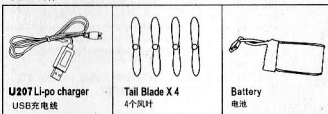


Left of fly 左侧飞

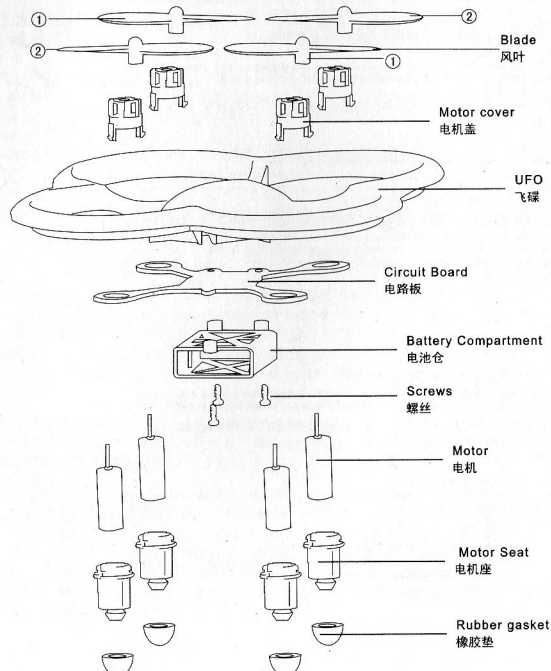
On the right to fly 右侧飞

2. STANDARD EQUIPMENT 标准配件

U207 配件



3. NOMENCLATURE 飞行器各个部位名称

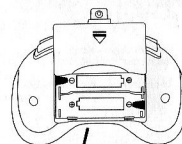


注意：安装飞行器风叶时必须将风叶 ①② 安装在对角，否则无法起飞。

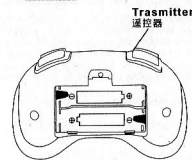
Caution: Blade ①② should be loaded in diagonal corner when loading the blades of this aircraft. Otherwise the aircraft can not take off.

4. TRANSMITTER BATTERY INSTALLATION 遥控器电池安装

Step 1



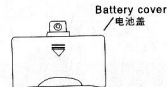
Step 2



Please use 2PCS AA batteries and load them as per the correct "+" "-" polarity. (Please DO NOT mix using batteries of different sizes).
请使用2颗5号电池 (AA)，并依正负极性方向组装。
(勿混用不同规格电池)



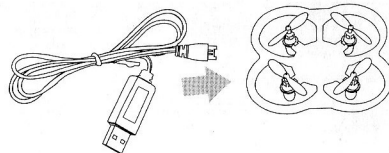
Do not disassemble
禁止任意拆解



5. CHARGING BATTERIES 电池的充电

Use the charger on the transmitter to charge the batteries in this aircraft. 利用遥控器上的充电器给飞行器电池充电

The original special USB charging cable included should be used. Please insert the charging wire into the charging port of the flying disc to conduct charging.
用配送的专用USB充电线，把充电线插入飞碟充电口进行充电。



For the sake of safety, charging should be conducted within the scope of your eyes during the time of charging.

为确保安全，充电时务必在视线范围内进行。

6. BATTERY AND CHARGER SPECIFICATION 电池与充电器相关规格

Battery usage and charge duration reference: 电池使用时间与充电时间参考表

Battery type 电池种类	Battery Specification 电池规格	Usage Duration 可使用时间	Charge Time 充电所需时间
Li-po battery 锂电电池	3.7V 150mAh	Helicopter flight time 飞行器飞行时间	Approx. 4-5 Minutes 约4-5分钟
			Approx. 30-40 Minutes 约30-40分钟

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.

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.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device meets RF Exposure requirements without any restriction.