



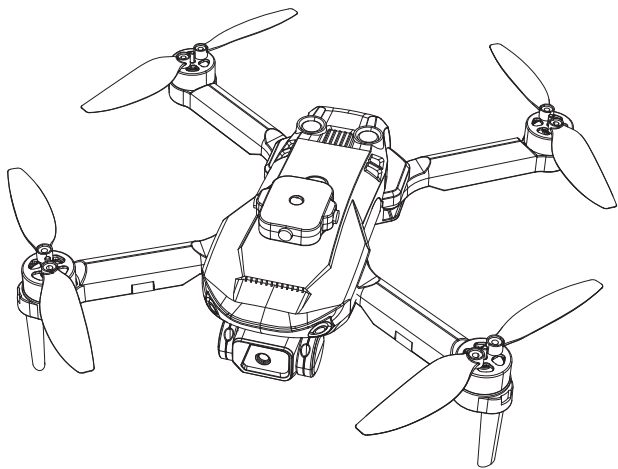
中文教程



Video Tutorial

「S150」四轴飞行器

您的私人御用摄影师...



无人机使用手册

请保留好使用手册
以便作为日常维护和调整的参考!

安全指南说明

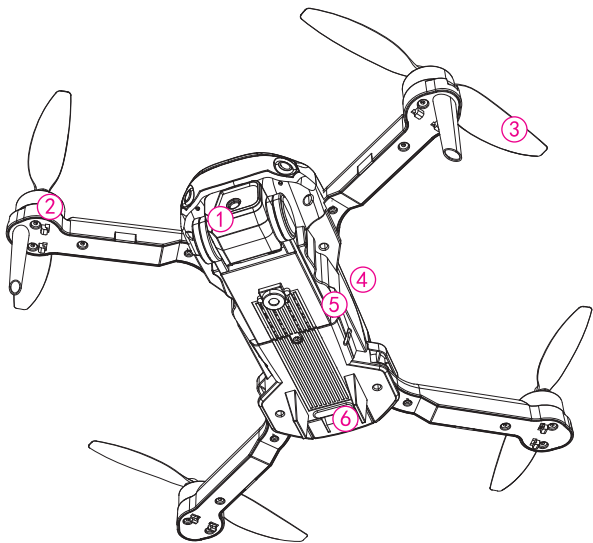
1. 请把飞行器小配件放在儿童接触不到的地方。
2. 这款飞行器动力非常强劲,第一次飞行时,为防止飞行器上升太快造成不必要的碰撞和伤害,请务必缓慢推动左操纵杆。
3. 当结束飞行时,请先关闭遥控器电源开关,再关闭飞行器电源开关
4. 请勿将飞行器电池放置在高温环境下和易燃易爆物品附近。
5. 为确保安全、防止受伤,请让飞行器与人畜保持4.5米的距离
6. 此飞行器适用于14岁及以上人群,并确保在操作者(教练员)视线范围内安全飞行。
7. 如遥控器是非充电电池,请勿充电,飞行器必须配合出厂电池进行使用。
8. 当飞行器长时间不使用的時候,请取下飞行器及遥控器内的电池。
9. 请勿造成充电过程短路。
10. 如果10天以上不使用飞行器,请把飞行器电池放电至百分之40-50, (满电情况下飞一半的飞行时间即可。)这会大大延长电池的使用寿命。
11. 为防止受伤,请与正在旋转的螺旋桨保持一个安全的距离。
12. 为遵守国家航空无线电(站)的电磁环境规定,禁止在距离机场跑道5000米的范围内使用远程控制无线电,所有操作者还应遵守证书和有关监管机构制定的广播规定,包括飞行时间和区域。
13. 请在成人监督下装配无人机。
14. 操作者要对安全飞行和安全距离负责,请勿在人群上空盘旋飞行(大于12人)。

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认识你的无人机

无人机采用2.4G频段，可多人同时操作而互不干扰。通过遥控器可操控无人机飞行，或通过WIFI连接手机APP遥控，可实现飞行等功能。



① 摄像头

② 电机

③ 风叶

④ 机壳上盖

⑤ 机壳下盖

⑥ 电池

飞行器

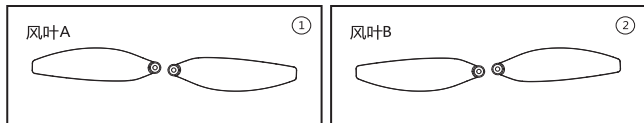
飞行器说明

本飞行器具备良好的操控性和稳定性，实时图传、信息回传、手机操控、拍照录像、手势识别、轨迹飞行、一键返航、无头飞行模式等功能，并具备低电量报警提示。

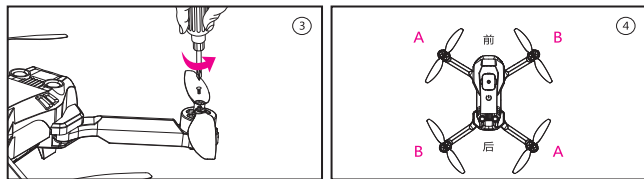
安装、更换风叶

本产品使用的风叶分为A、B风叶，如果损坏，请使用配件包里的备用风叶进行更换。

(1) 初次安装时，请仔细区分风叶型号。



(2) 对照图3，用配备的螺丝刀将需更换风叶的螺丝拧下，卸下原风叶，将所要安装的新风叶安装好，重新锁紧螺丝。

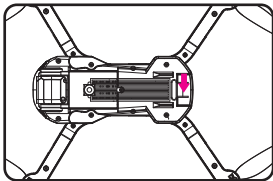


(3) 对照图4，请检查飞行器上风叶的型号是否与图一致，请将风叶安装在正确的位置，否则飞行器将不能正常飞行。

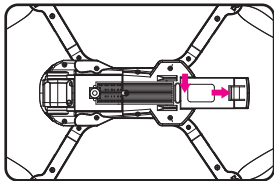
机身充电方法

首次使用电池请将电池充满电

本产品使用的锂电池是一款电压为3.7V带充电管理功能的电池，该电池必须使用出厂配置的专用充电线进行充电。

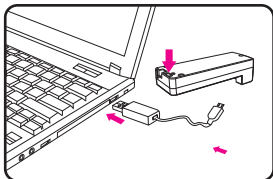


A、按下扣位按钮。

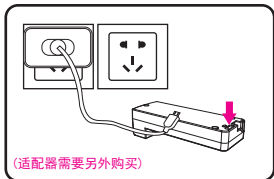


B、向后取出电池。

充电方式



方式一：USB充电器连接电池与USB充电接口。



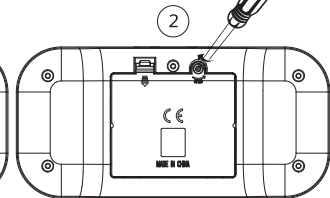
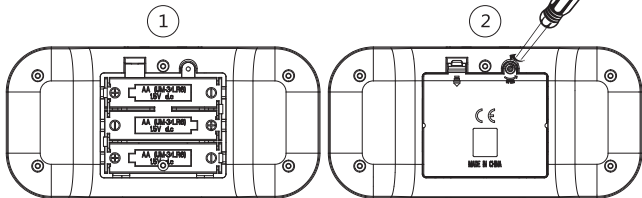
(适配器需要另外购买)

方法二：将插头插入插座中，连接电池插头与充电器母插。

充电红灯，充满灭灯，充电时间约为100分钟

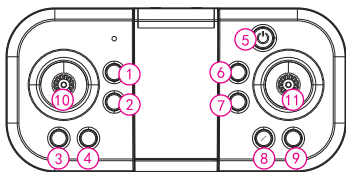
遥控器电池安装

打开电池盖，并取出电池盖，按照正确的极性装入3节AA电池，电池安装方向如图，盖上电池盖，并打上螺丝。(AA*3遥控器电池需要另外购买)



遥控器

遥控器各功能键介绍



- | | |
|-------------|----------|
| ① 一键翻滚 | ⑦ 镜头向下微调 |
| ② 无头模式 | ⑧ 拍照/录像 |
| ③ 一键起飞/一键降落 | ⑨ 避障 |
| ④ 速度切换 | ⑩ 上下/左右转 |
| ⑤ 电源开关 | ⑪ 前后/左右 |
| ⑥ 镜头向上微调 | |

准备飞行

请先进行飞行培训或训练(由专业人士指导等)。飞行时请选择合适的飞行环境。

飞行前检查

飞行前请检查以下事项

- (1) 飞行器、遥控器的电池是否电量充足。
- (2) 风叶是否安装正确,且无损坏现象。
- (3) 开机后风叶是否能正常启动。
- (4) 飞行器是否成功完成陀螺仪。
- (5) 飞行器是否成功连接手机软件并有图像、信息回传。
- (6) 周边环境是否符合飞行要求。

注意：检查飞行器折叠机臂已完全打开。



在室内飞行：请选择附近无障碍物、人群和宠物的开阔空间飞行。



在室外飞行：请选择晴朗无风的天气或微风的天气飞行。



飞行时请保持飞行器在视线范围之内，并远离障碍物、高压线、树木、人群等。



切勿在极端恶劣的环境下飞行，如过冷、过热、强风、暴雨等。

一、快速启动

1、校准

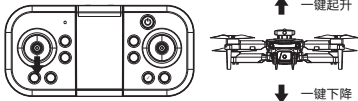
打开飞行器电源开关，将飞行器放置于平整的地面上，此时飞行器指示灯闪烁，打开遥控器电源开关，此飞机会自动校准，校准完成后，两个摇杆内八校正陀螺仪，蜂鸣器提示“滴”声，飞行器指示灯快闪后长亮，对频完成，此时就可以起飞了。



注意，每次停止起飞重新飞行都需要校准陀螺仪，无人机需水平放在地上

2、一键起飞与一键降落

提示：本产品是通过气压计定高，由于各种环境温度等不同因素影响，开始飞行或低电压时飞行器出现高低变化均为正常现象。

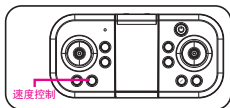


必须在2.4G对频完成后才能操作

二、各项飞行功能操作

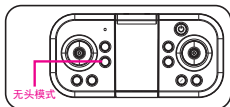
速度档切换

按下遥控器速度切换按钮可切换飞行器的飞行速度，切换到中速档时，遥控器发出“滴”“滴”两声蜂鸣；切换到高速档时，遥控器发出“滴”“滴”“滴”三声蜂鸣。每一次关闭遥控器和飞行器后重启，飞行器档位都会自动恢复至低速档。



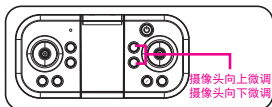
无头模式

把无人机放在正前方，对频后起飞，按下“无头模式”按键，此时无人机灯光开始慢闪，遥控器发出蜂鸣声，即进入无头模式；若要退出无头模式，再按一次“无头模式”按键退出。



镜头上/下调节

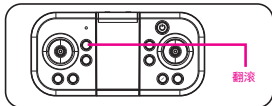
无人机摄像头可调节，按下“摄像头向上微调”按键，无人机摄像头向上，按下“摄像头向下微调”按键，无人机摄像头向下。



翻滚

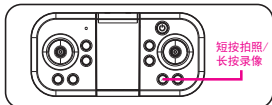
按下翻滚再推动方向操纵杆，能实现不同方向翻滚。

警告：翻滚耗电大，应减少使用；新手建议在空旷场地使用。



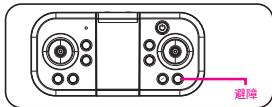
拍照/录像

打开飞行器后，按下拍照/录像按钮，能拍照/录像。

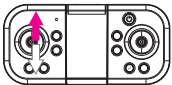
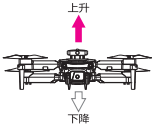
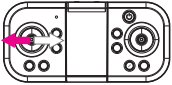

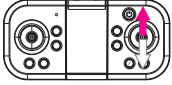
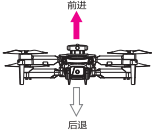
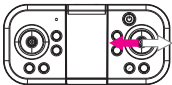



避障模式

打开飞行器后，按下避障模式按钮，此时，如果方向杆往任一方向打，无人机避障会自动感应到该方向是否有障碍物，如有，无人机即无法向该方向飞行。



基础操作

遥控器	飞行器	控制方式
		左控制杆向上推,飞行器垂直上升; 左控制杆向下拉,飞行器垂直下降。
		左控制杆向右移,飞行器顺时针旋转; 左控制杆向左移,飞行器逆时针旋转。
		右控制杆向上推,飞行器向前平飞; 右控制杆向下拉,飞行器向后平飞。
		右控制杆向右移,飞行器向右平飞; 右控制杆向左移,飞行器向左平飞。



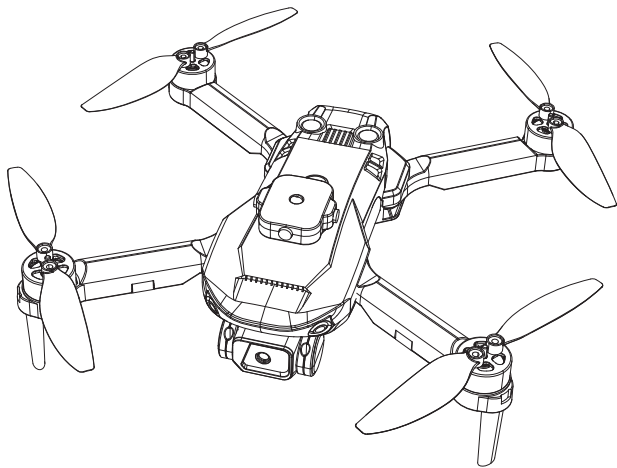
中文教程



Video Tutorial

「S150」DRONE

Your personal photographer...



MANUAL

Please keep the manual
for routine maintenance!

Safety instructions

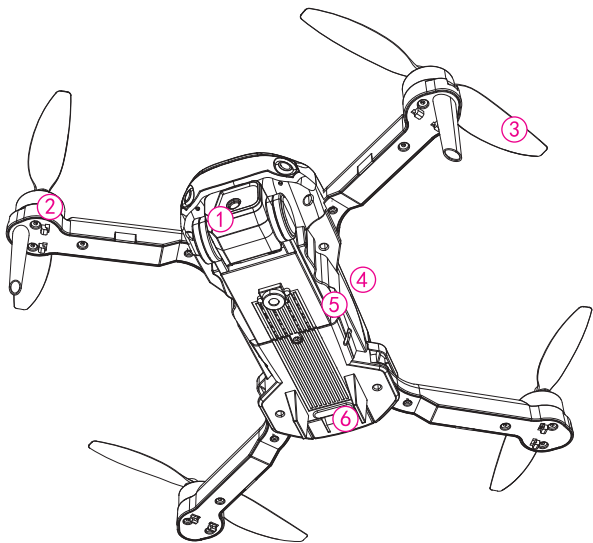
1. please keep the parts of drone out of the reach of children.
2. this drone is very powerful. When using it for the first time, you should push the left control lever slowly to prevent the drone from rising too fast and causing unnecessary collisions and injuries.
3. when a flight is ended, please turn off the power switch of remote control first and turn off the power switch of the drone then.
4. do not place the drone battery in high temperature condition or near flammable or explosive materials.
5. please keep the drone at a distance of 4.5 meters from humans and animals to ensure safety and prevent injury.
6. this drone is suitable for people aged 14 and over, and it should be within the sight of the operator's (coach) to ensure safe flight.
7. do not charge the battery of remote control if the battery is a non-rechargeable battery. The drone must be used with the original batteries.
8. if the drone will not be used for a long time, please take the batteries out of the remote control unit.
9. do not cause a short circuit during the charging.
10. if you do not use the drone for more than 10 days, please discharge the battery of drone to 40-50%(light for a certain time). In this way, the life of battery will be extended greatly.
11. please keep a safe distance from the rotating propeller to prevent injury.
12. all operators should abide by the electromagnetic environment regulations of China on the aeronautical radio (station), which remote control radios are prohibited from being used within 5000 meters of the airport pavement, they are also required to comply with the certificate and broadcasting regulations made by the relevant regulatory authorities, including flight time and area.
13. please assemble the drone under the supervision of an adult.
14. operators are responsible for their safe flight and safe distance. Do not hover and fly over the crowd (more than 12 people).

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Know your drone

Adopt 2.4Ghz Frequency,multi-perso operate at the same time, do not interfere with each other.through remote control to operated the drone,or WIFI connect drone and mobile phone, APP mode control drone,more playing funtions.



- | | |
|--------------------|-----------------------|
| ① Camera | ④ fuselage top cover |
| ② Mortor | ⑤ fuselage down cover |
| ③ Propeller blades | ⑥ battary |

Drone

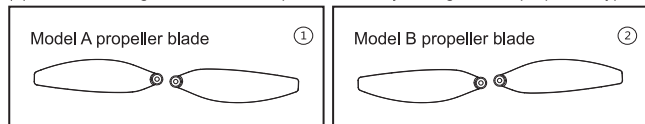
Description of drone

The aircraft has good controllability and stability, and with the functions of real-time image transmission, information return, mobile phone control, photography and video, gesture recognition, trajectory flight, one-key return and headless mode, etc. Also it is low power alarm tips.

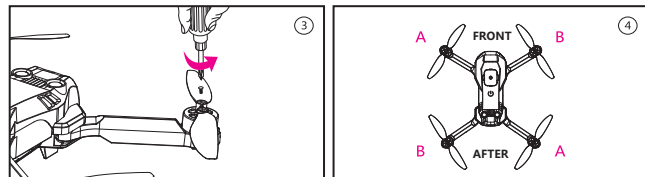
Installing the Propellers

The Drone comes with replaceable propellers if the originals are broken or badly damaged.

(1) When installing for the first time, please carefully distinguish the propellers type.



(2) Referring to Figure 3, insert the groove of propeller opener into the bottom of propeller which needs to be replaced. And press the handle of the opener to take down the propeller.

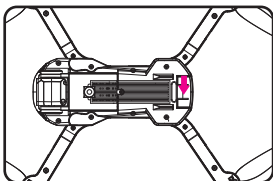


(3) Referring to Figure 4, distinguish between type A and type B propellers, and press the propeller vertically to install them on the motor shaft. The mark can be found on the rotor. It is extremely important to use the correct propeller (A or B) for replacement. Using the incorrect propeller will make the drone out of to control.

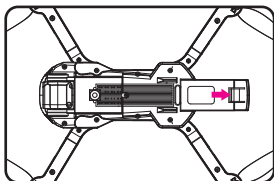
Battery Charging Steps

The battery is 3.7V lithium battery, pls using factory-configured USB cable to charge.

⚠ First using drone to fly, please fully charge the battery.

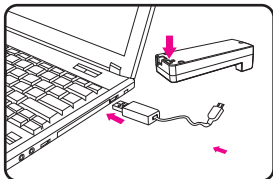


A. Rotate outward, unlock the module battery

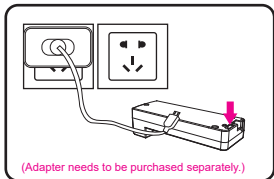


B. Upward, Remove the battery

Charge way



1. USB connect computer charge way



(Adapter needs to be purchased separately.)

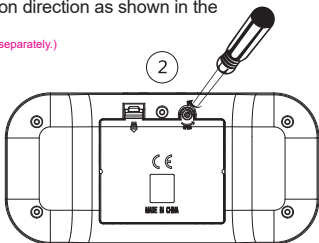
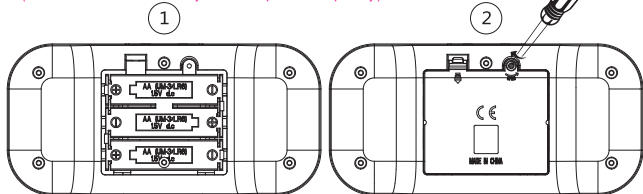
2. Connect socket charge way

Charging red light, full of lights off, charging time is about 100 minutes

Remote control batteries installation

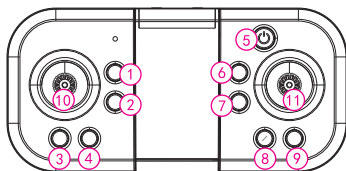
Open and remove the battery cover, according to the correct polarity putting into the three AA batteries, battery installation direction as shown in the picture, close the cover and screw it.

(AA * 3PCS Remote control battery needs to be purchased separately.)



Remote control

Functions Instructions



- | | |
|--------------------------------------|------------------------------------|
| ① One key rolling | ⑦ Lens downward fine-tuning |
| ② Headless mode | ⑧ Photo/ Video |
| ③ One key take-off / One key landing | ⑨ Obstacle Avoidance |
| ④ Speed | ⑩ Up & down/ Turn left & right |
| ⑤ Power switch | ⑪ Forward & backward/ Left & right |
| ⑥ Lens upward fine-tuning | |

Preparing for flight

Preparing Inspection

Please inspect the following items before flying

- (1) Whether the drone and remote control are both with fully battery power
- (2) Whether the propellers are installed correctly and without any damage
- (3) Whether the propellers can ran normally when the produce is started
- (4) Check whether the gyroscope ommpleted successfully.
- (5) Whether successful connect smart phone and have transmission image
- (6) Whether environment suitable for flying

Notes: Please check drone' arms are fully open.

Flight environment requirements



Indoor flying : please choose the open spaces that no obstacles, people and pets



Outdoor flying : Please choose sunny, windless or breezy weather.



Keep the aircraft within your sight when flying, away from obstacles, high-voltage lines, trees, etc.

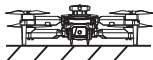
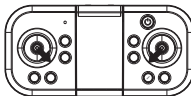


Do not fly when there is strong wind, heavy rain etc weather.

First Using

1. calibration

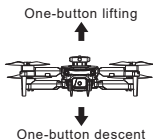
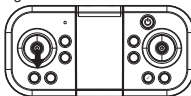
Turn on the power switch and place the aircraft on the flat ground with the indicator flashes. And then turn on the power switch of the remote control, and the aircraft will automatically matching the frequency. After, toe-in the two rockers to correct the gyroscope with a sound of Di, and the aircraft indicator light is on for a long time, which means that the frequency matching is completed, and the aircraft can be taken off.



Note that the gyroscope needs to be calibrated every time the flight is restarted, and the aircraft needs to be placed horizontally on the ground.

2. One-button take-off and one-button landing

It is suggested that the height of this product is determined by barometer. Due to the influence of various environmental temperatures and other different factors, it is normal for the aircraft to change evenly at the beginning of flight or at low voltage.

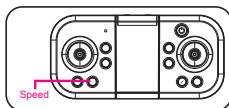


It must be operated after 2.4 G alignment is completed

Advanced Flight Function

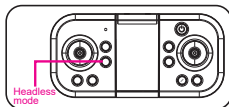
Speed adjustment

Press the speed switch button on the remote control to switch the flight speed of the aircraft. When switching to the medium speed gear, the remote control deliver two sounds of Di. When switching to the high gear, the remote control will deliver three sounds of Di. Each time the remote control and the aircraft are turned off and restarted, the aircraft gear will automatically return to the low gear.



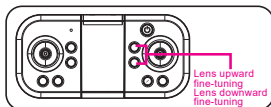
Headless mode

Press headless mode button, start Headless mode, press again exit this mode.



Camera adjustment

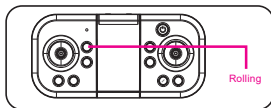
The drone camera up or down adjustment.



Rolling

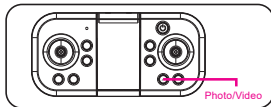
Press the rolling button and then push the direction control lever to roll the aircraft in different directions.

Warning: rolling function consumes a lot of power and should be reduced. More important, the novice suggests using it in an open space.



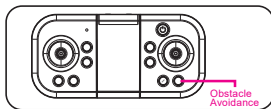
Photo/Video

After turn on the aircraft, press the Photo/Video button to take photos and record video.

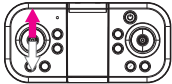


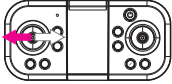


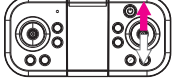


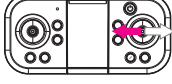




Obstacle Avoidance

After turning on the aircraft, press the obstacle avoidance mode button. At this time, if the steering rod is turned in any direction, the obstacle avoidance head of the aircraft will automatically sense whether there is an obstacle in that direction. If there is, the aircraft will not be able to fly in that direction.



Basic operation

REMOTE CONTROL	DRONE	FLOW
	<p>Fly upward</p>  <p>Fly downward</p> 	<p>Push left control lever forward, the drone ascends vertically. Pull left control lever rearward, the drone descends vertically.</p>
	<p>Spin clockwise</p>  <p>Spin anticlockwise</p> 	<p>Push left control lever rightward, the drone spins clockwise. Push left control lever leftward, the drone spins anticlockwise.</p>
	<p>Pitch forward</p>  <p>Pitch backward</p> 	<p>Push right control lever forward, the drone pitches forward. Pull right control lever rearward, the drone pitches backward.</p>
	<p>Roll leftward</p>  <p>Roll rightward</p> 	<p>Push right control lever rightward, the drone rolls rightward. Push right control lever leftward, the drone rolls leftward.</p>

FCC Statement

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 not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.