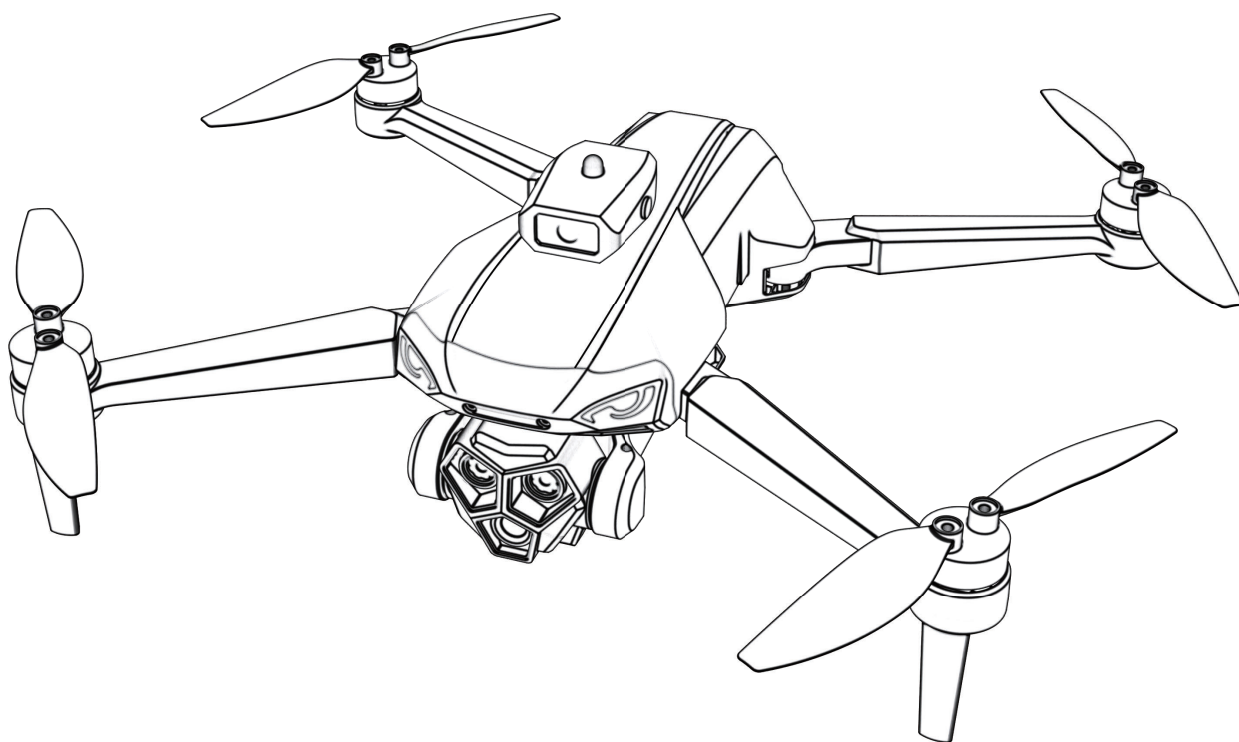


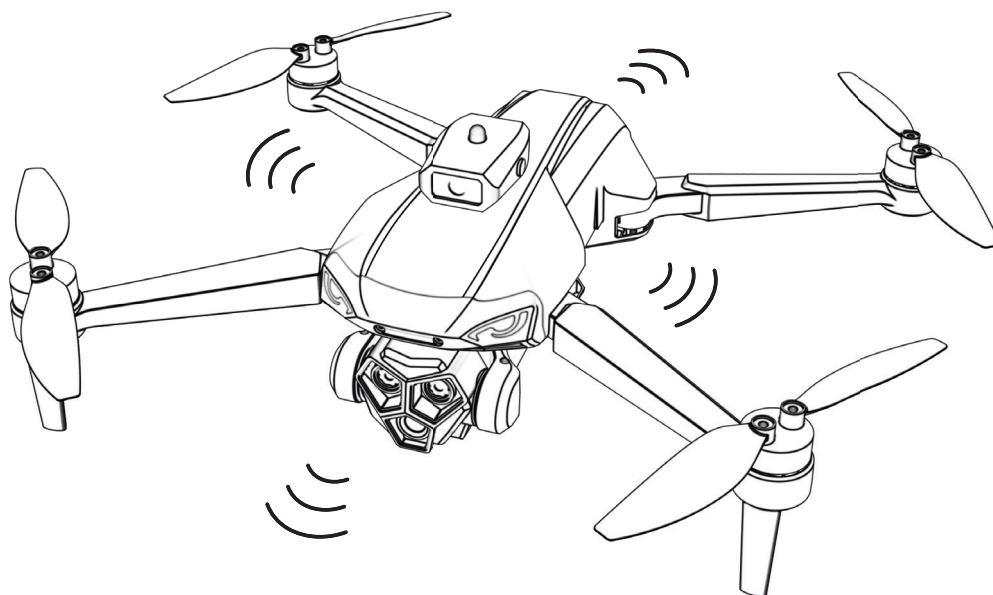
无人机说明书

M22/M33



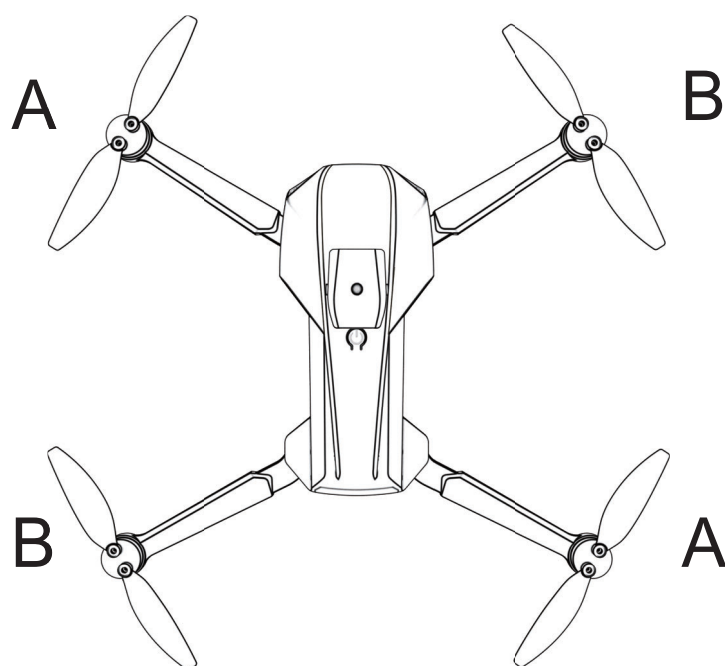
1. 使用前请仔细阅读本手册。
2. 尽量在无风、晴朗和光线充足的环境中飞行。
3. 飞行前请确保无人机电池充满电。

● 机翼可折叠 高档位时无避障功能



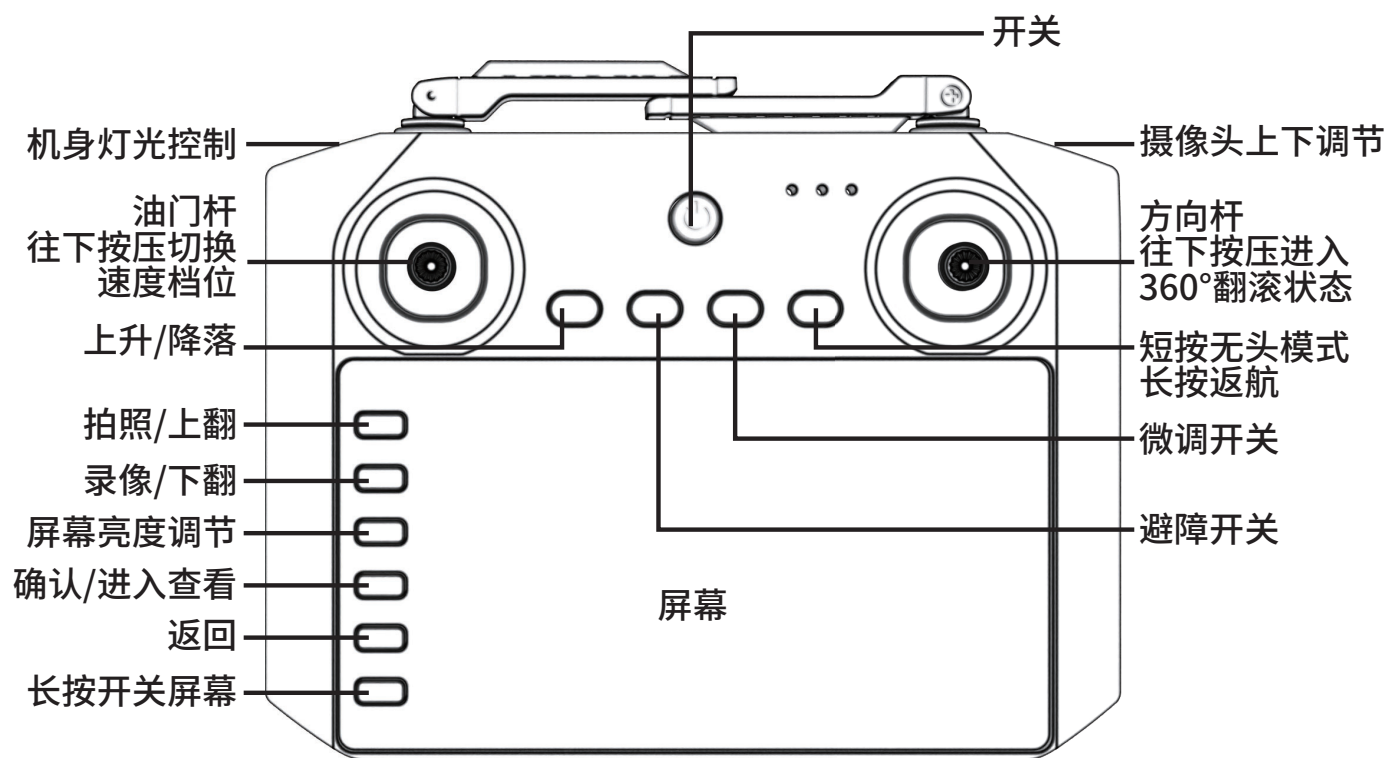
⚠ 请先安装保护架以保护电机和防止误伤他人

● 更换风叶



⚠ 请确保正确安装，安装错误将导致不能正常飞行

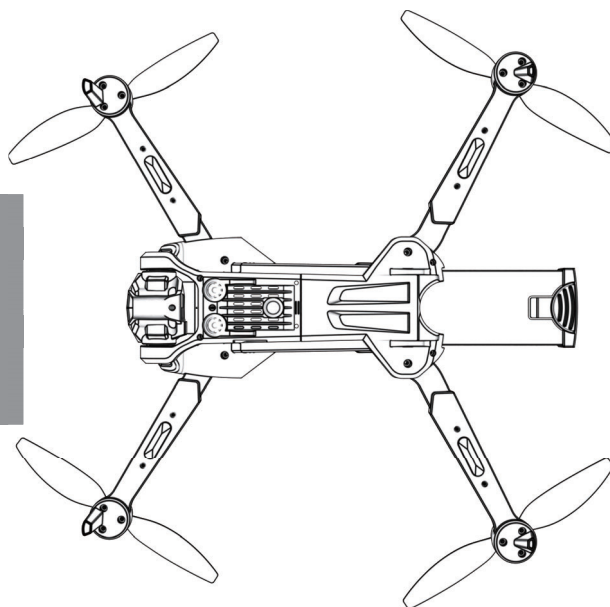
● 遥控器功能说明



无舵机版本, 镜头上/镜头下无效

● 安装飞行器

1. 请不要将新旧电池混在一起使用
2. 请不要将不同类型电池混在一起使用
3. 当低压提示时请更换电池
4. 长时间不玩请取出电池



● 飞行操作: 手机与飞行器连接

手机扫描下载安装APP: Fly Plus

此软件适用于iOS 10.0、Android 6.0或更高版本系统的手机, 详细使用请阅读APP里面的“新手指引”



Fly Plus APP

● 飞行器锂电池充电

- 1.将电池从飞行器取出来
- 2.将电池插入USB充电线中
- 3.将USB充电线插入电脑的USB接口中,电池红灯闪烁,代表充电中。

充电提示:当飞机电池充满后请及时将USB拔离电源。

飞机电池:电池红灯闪烁:充电中状态

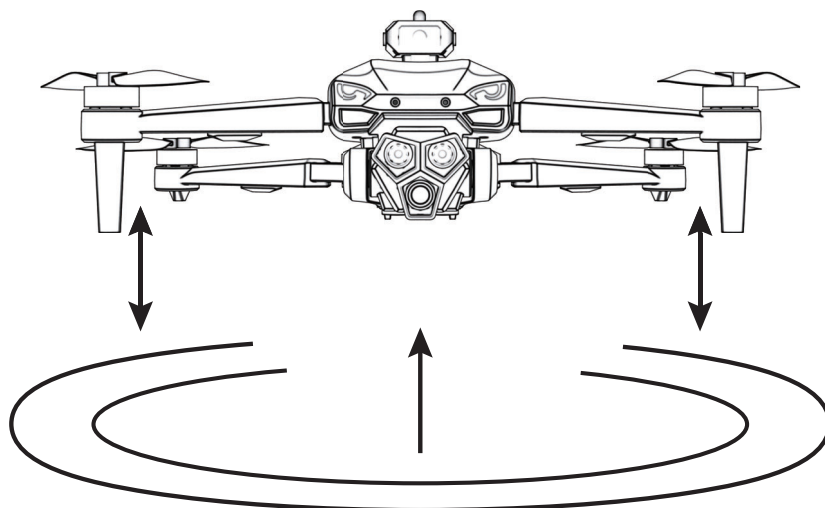
电池红灯常亮:充电满状态

遥控器:充电中遥控器亮灯(充电时遥控器开关务必关闭)

充电满遥控器灭灯

● 定高功能介绍

使用左边摇杆上下推拉可以使飞行器上升或下降,当上升到一定高度或下降到一定高度时松开摇杆,这时飞行器会保持在当前的高度。

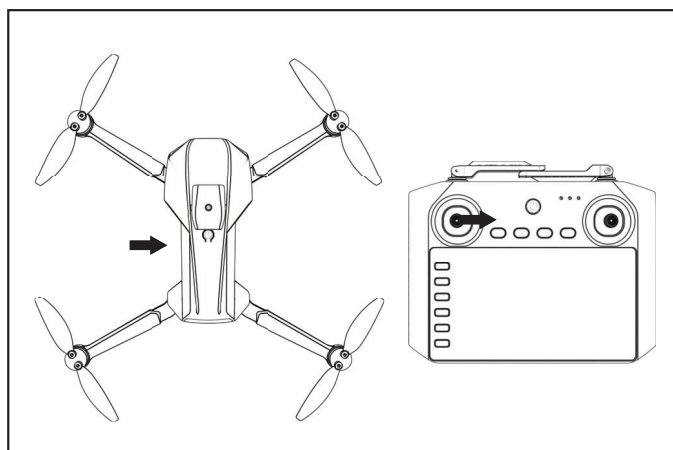


提示:当飞行器停止时首次推动油门摇杆时飞行器只会启动电机,但不会离开地面第二次推动油门摇杆时飞行器才会离开地面

● 起飞流程

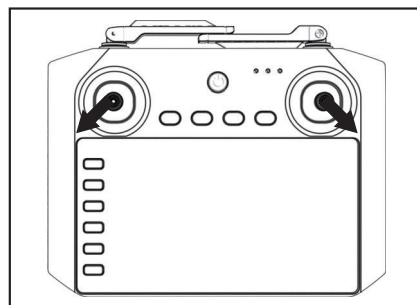
一、开机和对频

- 1.确保飞行器的电池已经充满电;
- 2.将电池装入飞行器后,按顶部的电源按键开机,此时,蓝灯闪烁,进入对频状态;
- 3.打开遥控器电源,听到“滴滴”2声,无人机指示灯由闪烁变成常亮状态,此时对频成功;



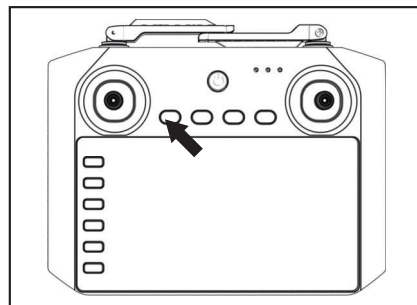
二、水平校准

把飞行器放置在水平地面,机头(有摄像头的一面)朝向前方,将左侧油门操控杆向左下角拨,同时将右侧方向操控杆向右下角拨动,听到“滴”一声后,飞行器指示灯开始闪烁后变为长亮,表示校准完成。



三、起飞

推动左操作杆向上起飞、或按一键起飞按键起飞。

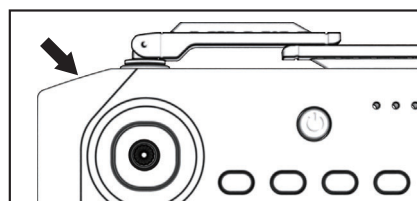


四、速度档(慢、中、快)

飞行器在飞行操控过程中,可以根据操控熟练程度,调整飞行器的飞行速度。遥控器开机默认慢速档,左操作杆往下按压,遥控器发出“di、di”响两声,表示进入中速档。再次按下按键,发出“di、di、di”响三声则进入快速档,再按一次发出“di”响一声则表示切换回慢速档。依次循环。

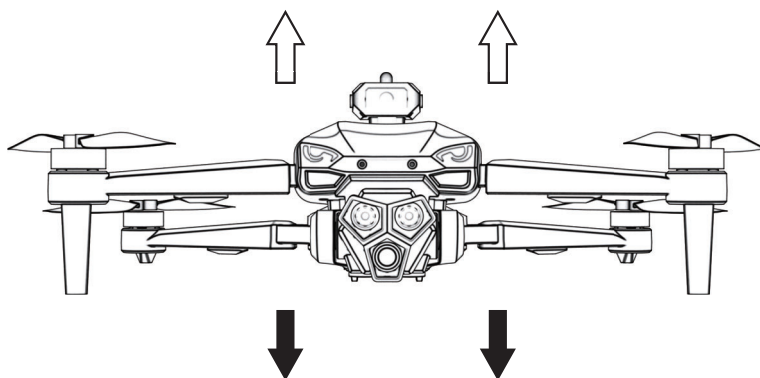
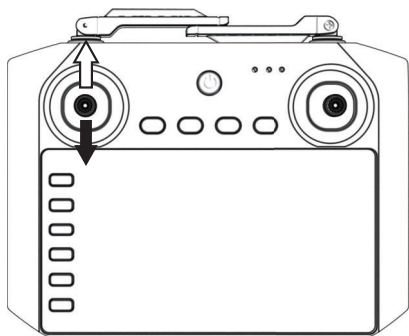
五、灯光控制

按一下变一个颜色,挑选喜欢的颜色起飞。

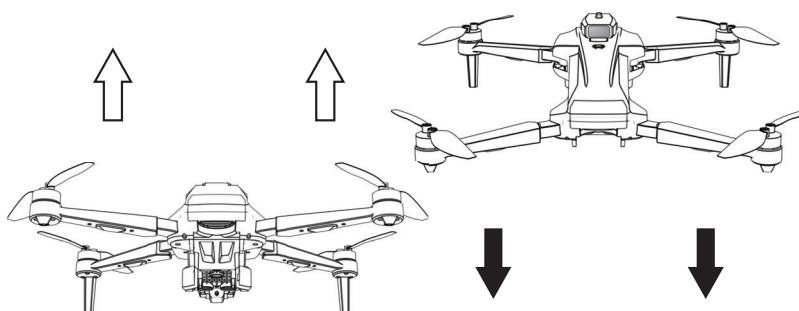
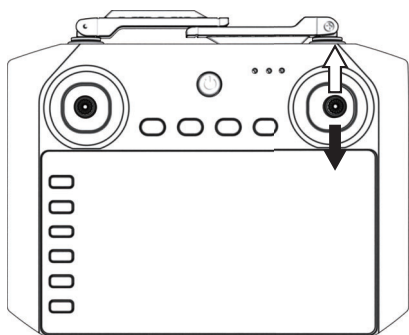


● 飞行器方向操作

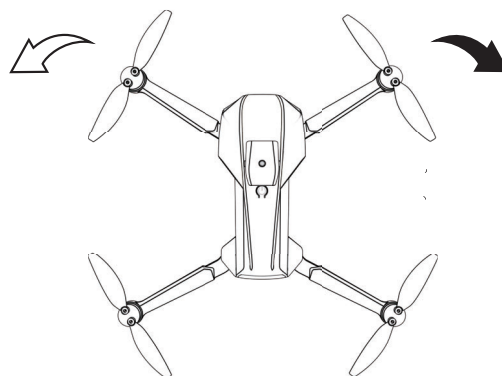
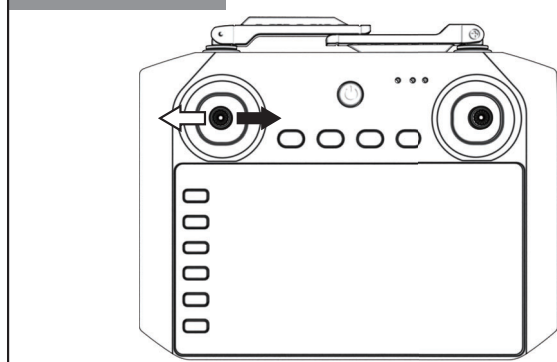
上升/下降



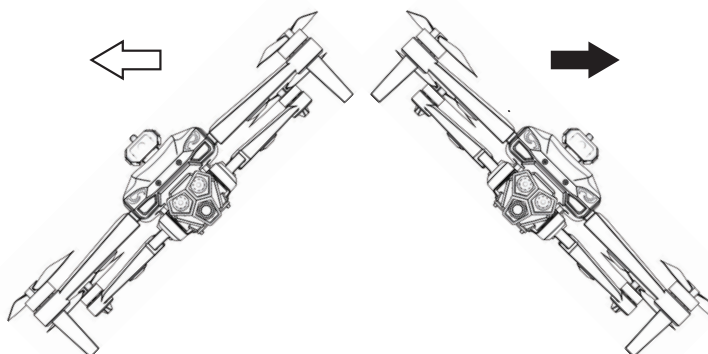
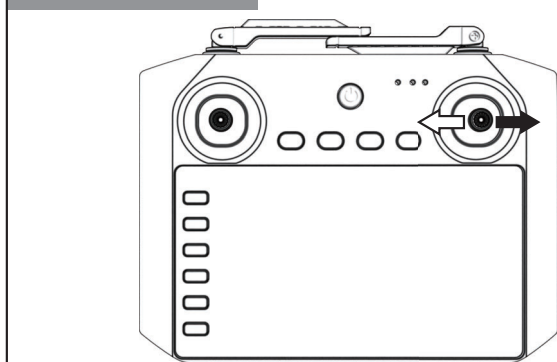
前进/后退



左/右旋转



左、右侧飞

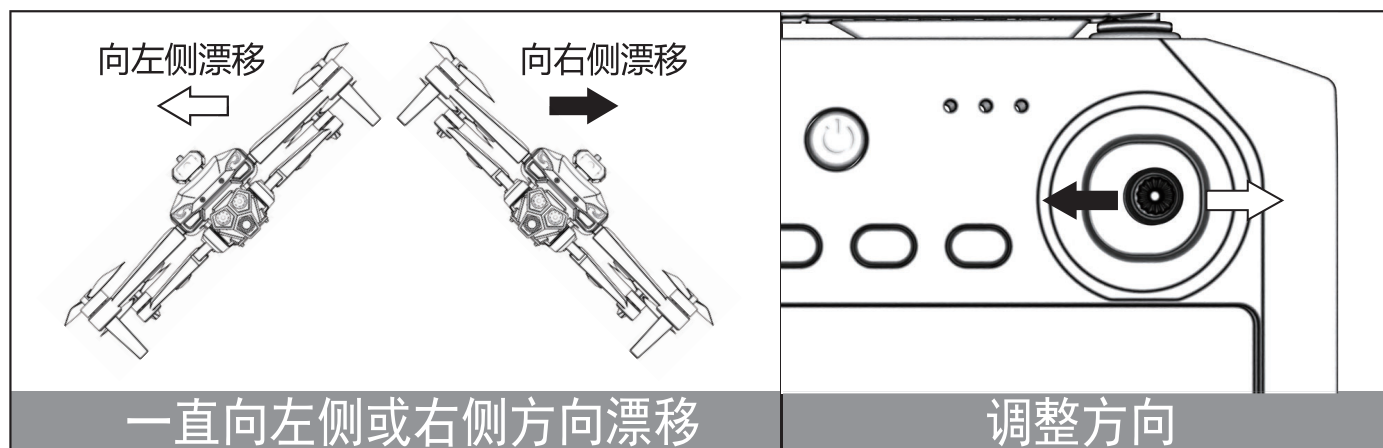


进入微调模式

飞行器在飞行过程中出现偏移的时候，可以使用此功能进行飞行姿态微调。当飞行器偏移时，按下进入微调按键“di”声响后5秒内，反方向拨动方向操纵杆进行微调，使飞行器不再偏飞为止。在微调模式下，5秒内不执行操作则会自动退出微调模式，也可以再次按下进入微调按键退出微调模式。

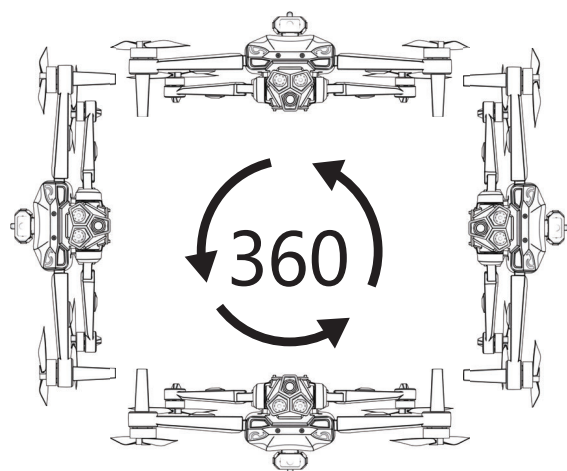
按下微调键 当飞行器悬停时机身向后偏飞，按下进入微调键，方向操纵杆向前拨，可微调飞行器平稳悬停！	按下微调键 当飞行器悬停时机身向前偏飞，按下进入微调键，方向操纵杆向后拨，可微调飞行器平稳悬停！
按下微调键 当飞行器悬停时机身向左侧偏飞，按下进入微调键，方向操纵杆向右拨，可微调飞行器平稳悬停！	按下微调键 当飞行器悬停时机身向右侧偏飞，按下进入微调键，方向操纵杆向左拨，可微调飞行器平稳悬停！

注意：当飞行器在离地面30CM以内的位置，飞行器会受到自身桨叶的影响而变得不稳定，这就叫“地效反应”当飞行器的高度越低时。地效反应的影响越大。



● 3D翻滚

飞行器半空中可以做360度翻滚特殊动作，首先，将飞行器飞到高度为2~3米的空中，按一下遥控器上右侧的按钮，遥控器会发出“滴”，“滴”，“滴”的响声，这个时候只要随意推一下将遥控器上的右摇杆，飞行器就会向所打的方向做360度翻滚动作。

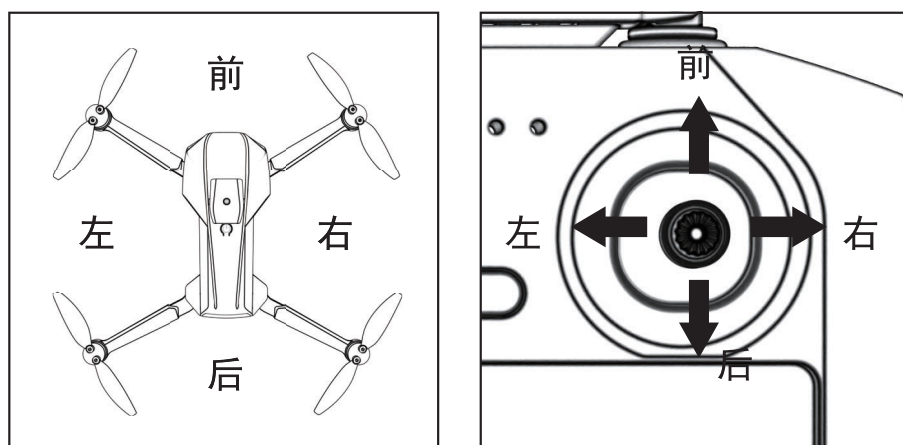


提示：360度翻滚饱电情况下效果更好，低压情况下将禁止翻滚操作

● 无头模式

当进入无头模式后，不管飞行器怎么旋转，遥控器只要推进前进方向，飞行器都是向原先设定好的前进方向飞行。

无头模式下飞机顶部和尾部蓝灯闪烁。



提示：进入无头模式前必须确定好前进的方向，即开机后飞行器处于地面上的方向

● 低压保护

飞行器在空中飞行的时候出现所有指示灯闪烁代表电量低，同时遥控器连续发出“di”“di”“di”叫声，提示紧急做返航操作。

慢速闪烁：电池电量低

提示：当出现低压提示的时候是禁止做360度翻滚操作的

● 一键上升/一键下降

一键上升：

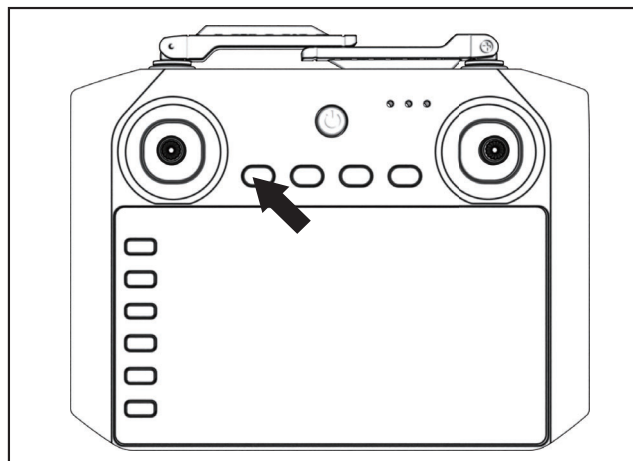
将飞行器放至于水平地面上，按遥控器“一键上升”按键，此时飞行器会自动上升到1.5米的高度。

一键下降：

当飞行器停留在空中时，按遥控器左下角的一键下降按键，此时飞行器会自动降落到地面。

● 强制停止

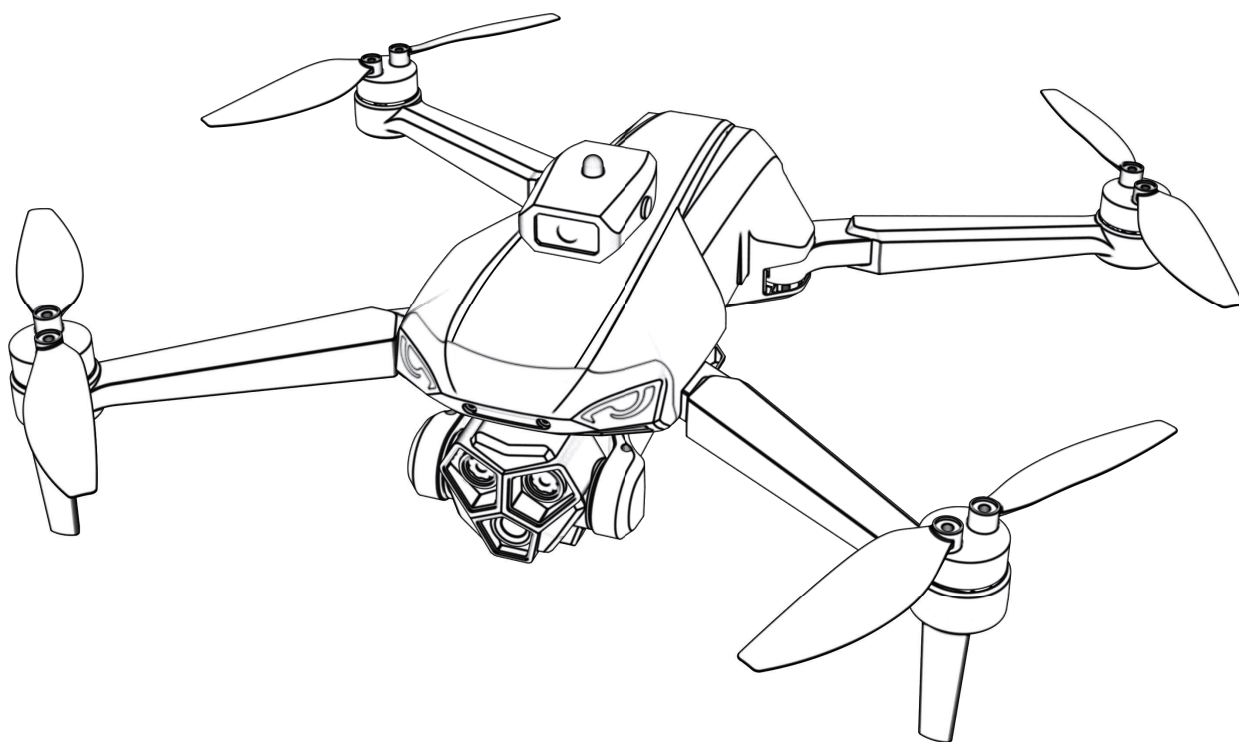
对于定高版本，当动力摇杆向下拉到最底处时，飞行器并不会立即停止。如右图中所示，按急停按键保持2秒钟，这是飞行器将会强制停止。



提示：在紧急情况下此操作非常有用

Drone manual

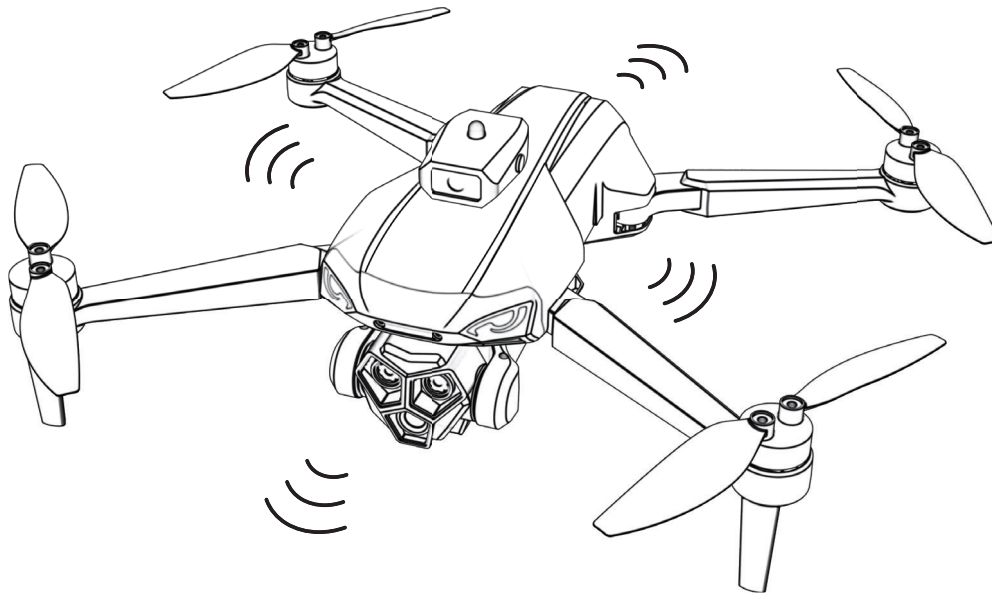
M22/M33



-
1. Please read this manual carefully before use.
 2. Try to fly in a windless, sunny and well-lit environment.
 3. Please make sure the drone battery is fully charged before flying.

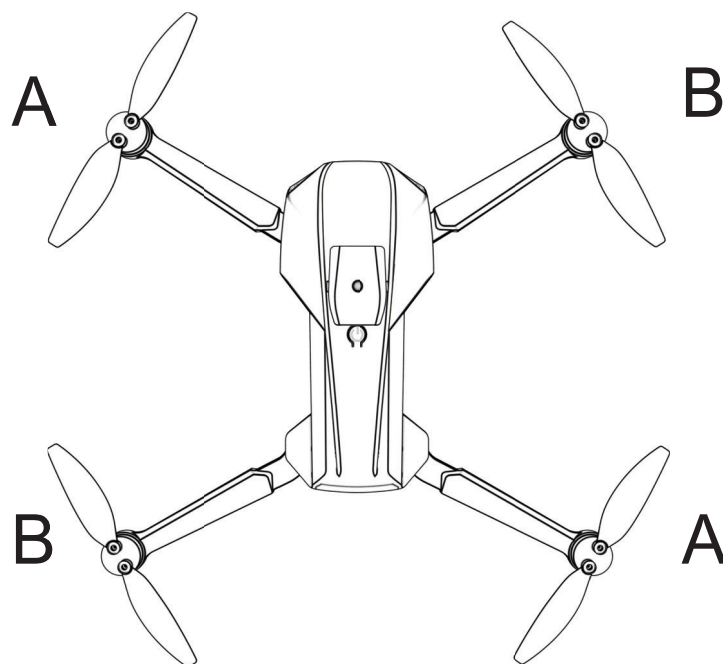
● Foldable wings

No obstacle avoidance in high gear



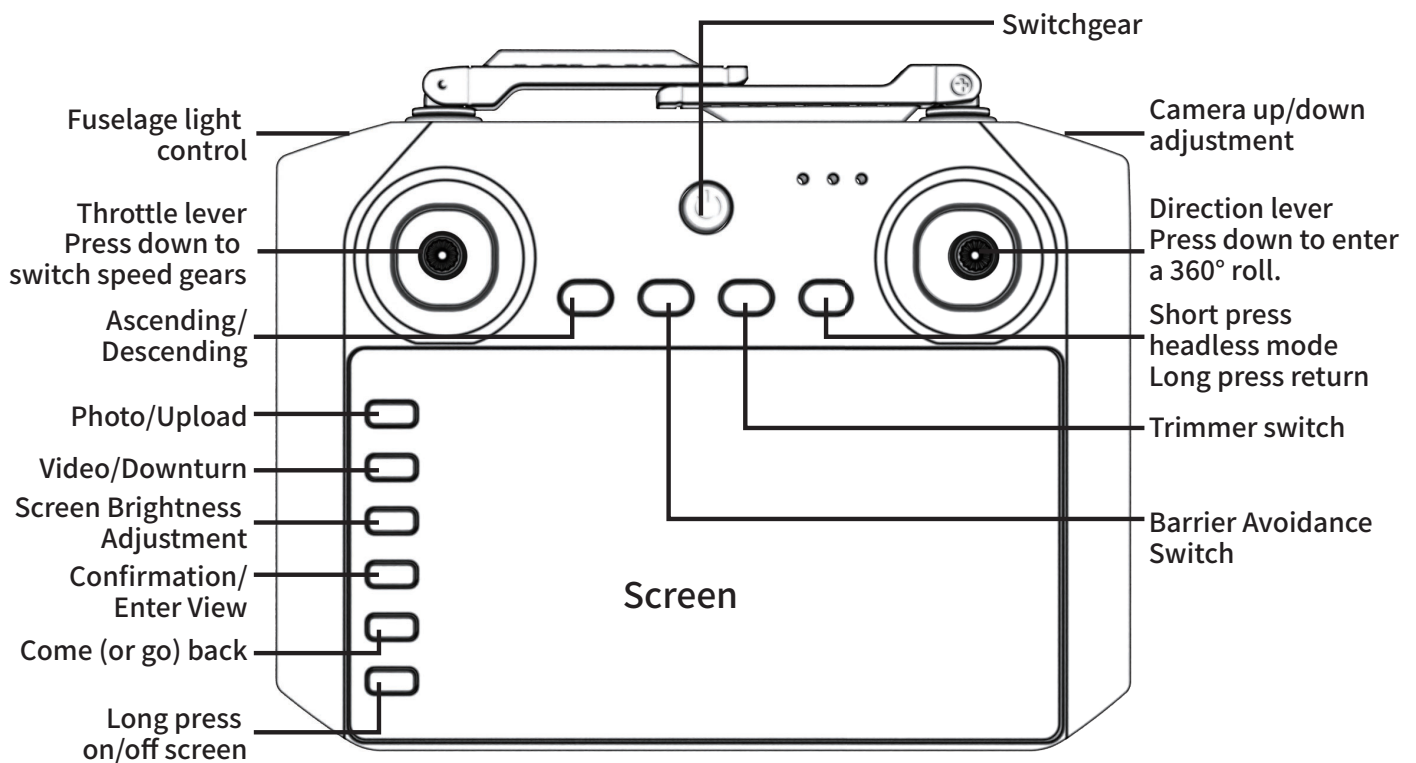
Please install the protective frame first to protect the motor and prevent accidental injury to others

● Replacement of air blades



Please make sure you install it correctly, incorrect installation will result in not being able to fly properly!

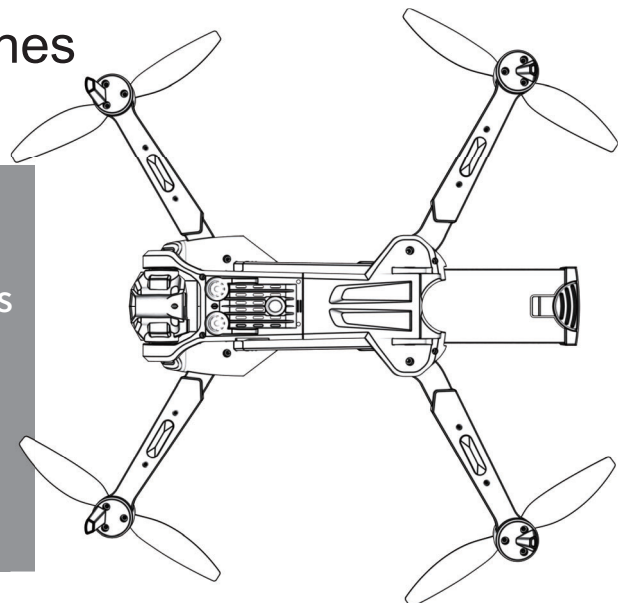
● Remote control function description



Servoless version, not valid on/off camera

● Installation of flying machines

1. Please do not mix new and old batteries together.
2. Do not mix different types of batteries together.
3. Please replace the battery when the low voltage indication
4. Please take out the batteries if you don't play for a long time



● Flight operation: cell phone connected to the aircraft

Scan your phone to download and install the APP: Fly Plus
This app is available for iOS 10.0, Android 6.0 or higher,
please read the "Newbie Guide" inside the app for details.



Fly Plus APP

● Flyer lithium battery charging

1. Remove the battery from the flyer
2. Insert the battery into the USB charging cable.
3. Insert the USB charging cable into the USB port of your computer, the red light of the battery will flash, which means it is charging.

Charging tip: When the airplane battery is full, please unplug the USB from the power supply in time.

Aircraft battery: Battery red light flashing: charging status

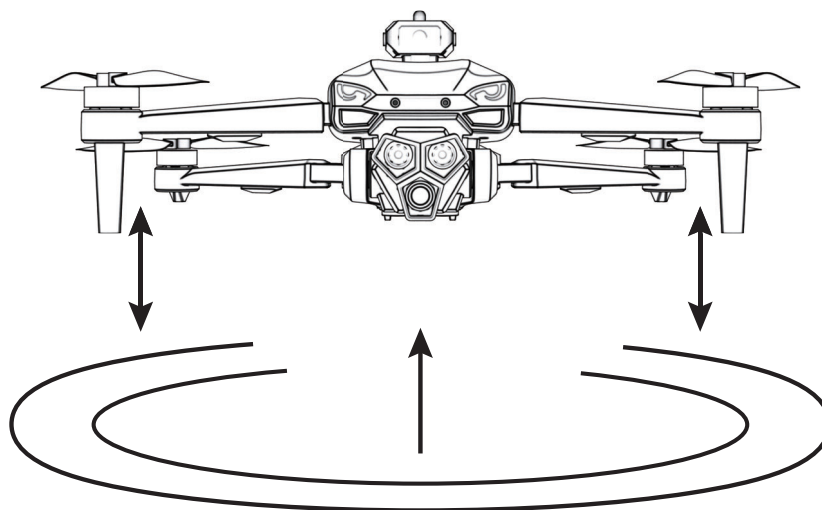
Battery red light is always on: full charging status

Remote control: the remote control lights up during charging

(make sure the remote control switch is off when charging)

The remote control goes out when fully charged

● Introduction to Fixed Height Function

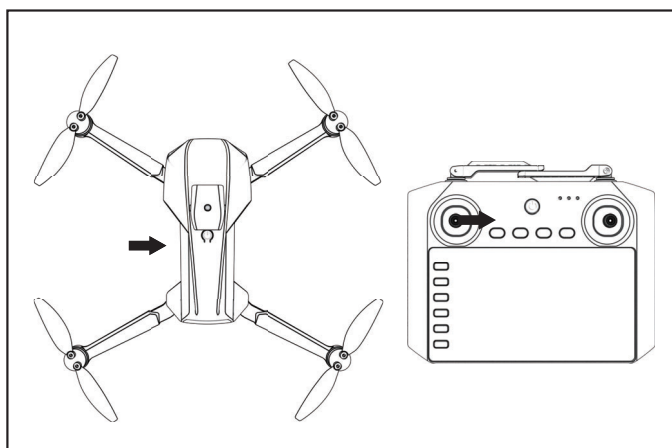


Tip: When the vehicle stops the first time you push the throttle stick the vehicle will only start the motor but will not leave the ground the second time you push the power stick the vehicle will leave the ground.

● Takeoff process

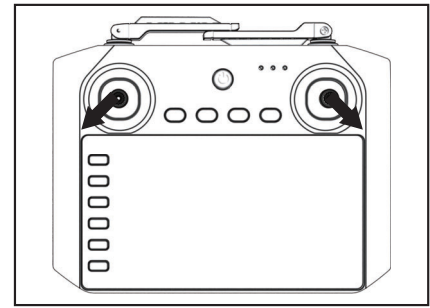
一、Power on and frequency pairing

1. Make sure the battery of the flyer is fully charged;
2. After loading the battery into the drone, press the power button on the top to turn on the drone, at this time, the blue light flashes, and it enters into the state of frequency pairing;
3. Turn on the power of the remote control, hear the “drip drip” 2 sounds, the drone indicator light from flashing to normal light state, this time the frequency pairing is successful;



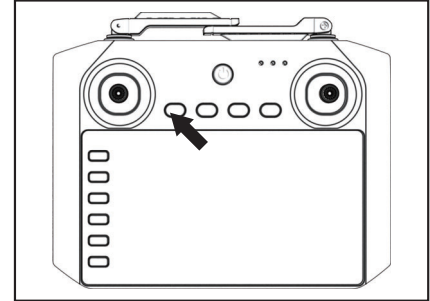
二、Horizontal calibration

Place the aircraft on the horizontal ground with the nose (side with camera) facing forward, flick the left throttle lever to the lower left corner, and flick the right directional lever to the lower right corner at the same time, and when you hear a “drop” sound, the indicator light of the aircraft will start to blink and then turn into a long bright light, which indicates that the calibration is completed.



三、Take off

Push the left lever up to take off, or press the one-touch takeoff button to take off.

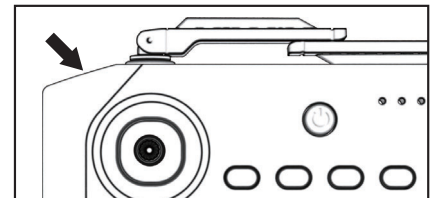


四、Speed gear (slow, medium, fast)

During the flight control process, you can adjust the flight speed of the aircraft according to the degree of control skill. The remote controller defaults to slow speed, the left operation lever is pressed down, the remote controller will make “di, di” sound twice, which means it enters the medium speed. Press the button again, it will sound “di, di, di” for three times, then it will enter the fast speed, press it again and it will sound “di” for one time, then it will switch back to the slow speed. The cycle in turn.

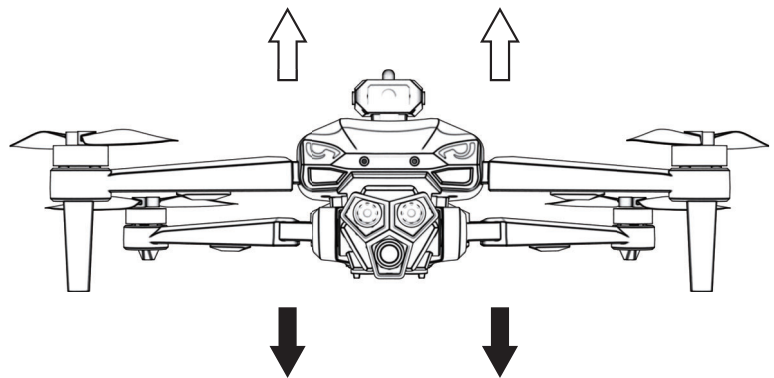
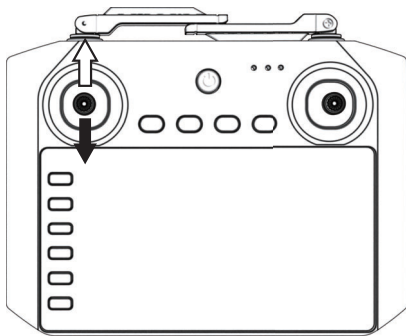
五、Lighting control

Turn it to change a color, and pick the color you like to take off.

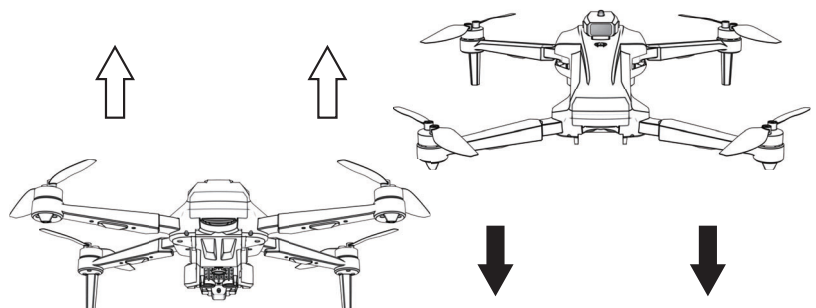
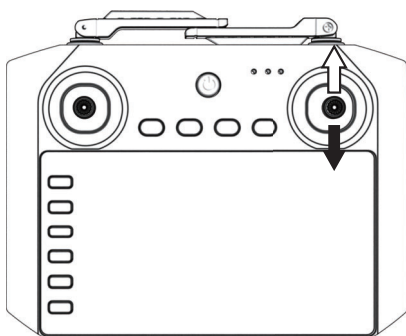


● Flying Machine Direction Operation

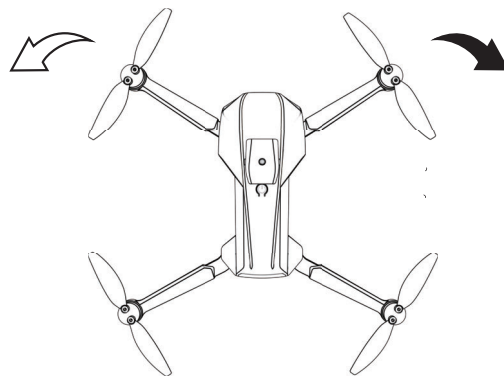
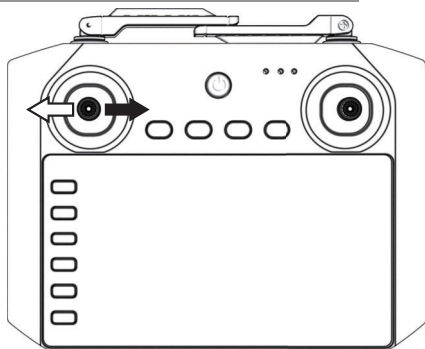
Up/Down



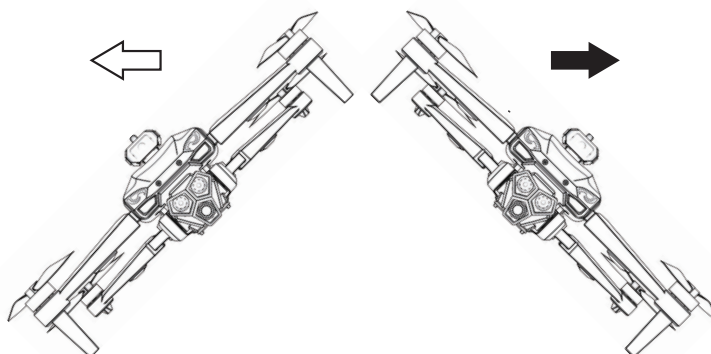
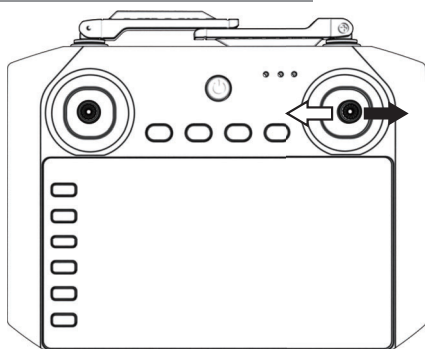
Forward/Backward



Left/Right Rotation

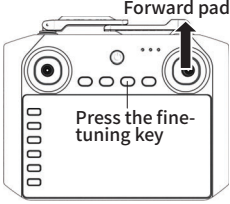
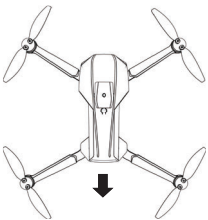
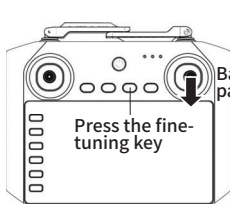
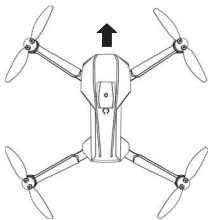
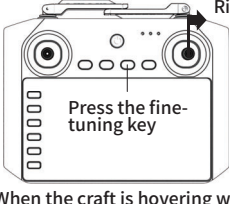
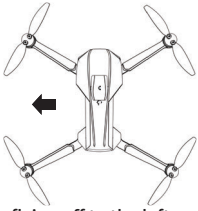
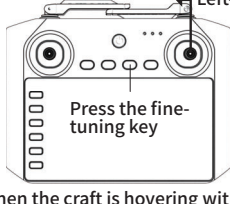
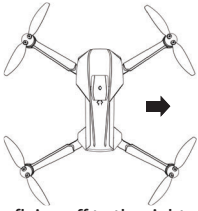


Fly left and right

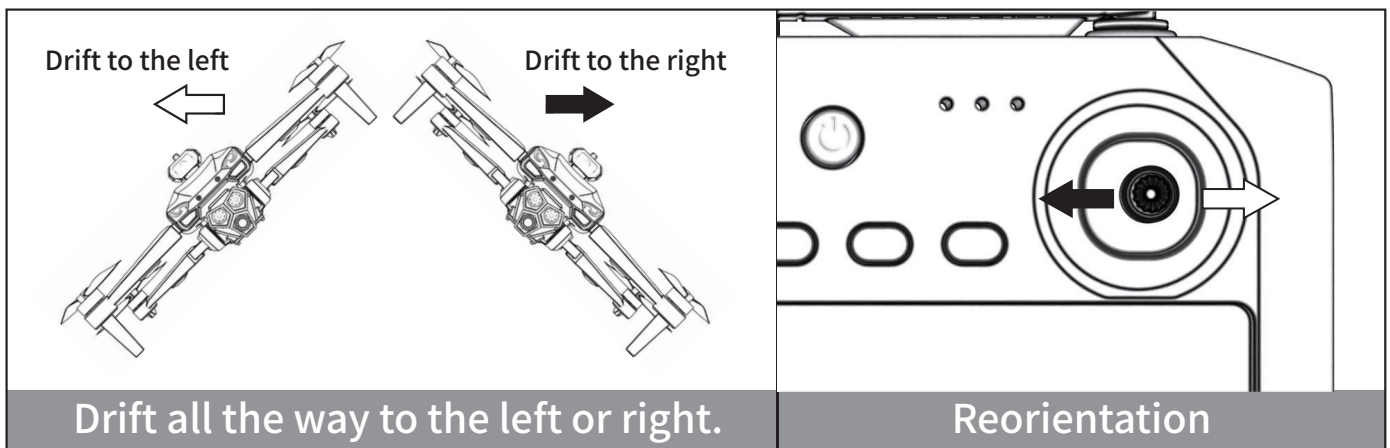


Enter fine-tuning mode

This function can be used to fine-tune the flight attitude when the vehicle is offset during flight. When the vehicle is drifting, within 5 seconds after the “di” button is pressed to enter the fine tuning mode, the joystick should be pushed in the opposite direction to fine tune the vehicle, so that the vehicle will no longer be drifting. In fine-tuning mode, if no operation is performed within 5 seconds, it will automatically exit the fine-tuning mode, or you can press the enter fine-tuning button again to exit the fine-tuning mode.

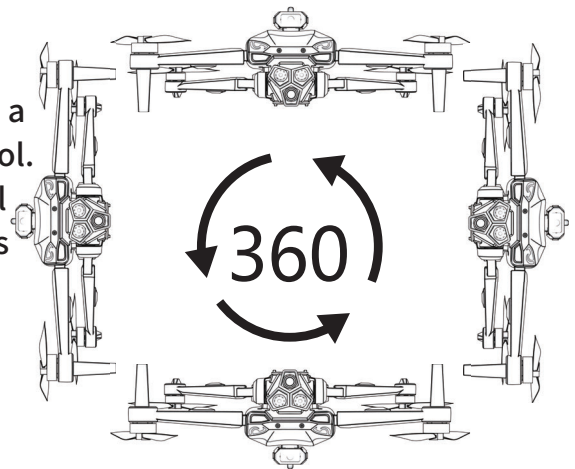
 Forward paddle Press the fine-tuning key  When the craft is hovering with the fuselage deflected backward, press the Enter Trim button and pivot the directional joystick forward to fine-tune the craft for a smooth hover!	 Backward paddle Press the fine-tuning key  When the craft is hovering with the fuselage yawed forward, press the enter trim button and the directional joystick is pivoted back to fine-tune the craft for smooth hovering!
 Right-hand side Press the fine-tuning key  When the craft is hovering with the fuselage flying off to the left, press the enter trim button and pivot the directional joystick to the right to fine-tune the craft for a smooth hover!	 Left-hand side Press the fine-tuning key  When the craft is hovering with the fuselage flying off to the right, press the enter trim button and pivot the directional joystick to the left to fine-tune the craft for a smooth hover!

Note: When the vehicle is within 30cm of the ground, the vehicle will be affected by its own paddles and become unstable, this is called “Ground Effect Reaction”, and the lower the altitude of the vehicle, the greater the effect of ground effect reaction. The lower the altitude of the vehicle, the greater the effect of ground reaction.



● 3D Tumbling

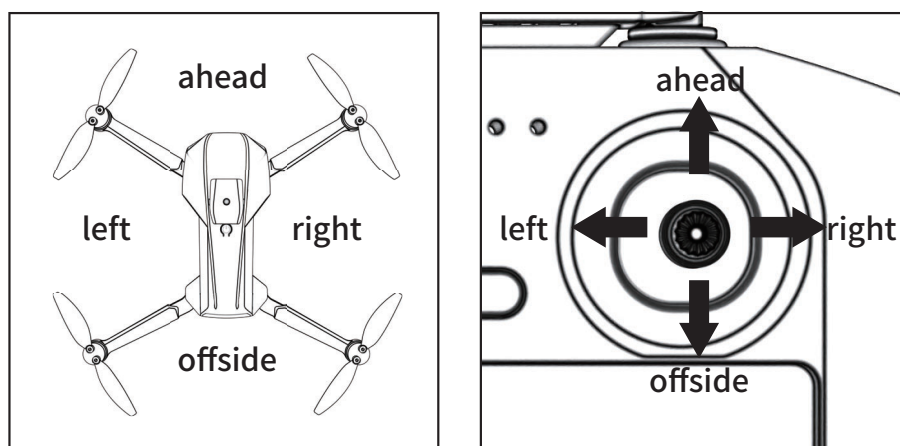
The flying machine can do a 360 degree roll in mid-air special action, first of all, will fly the flying machine to a height of 2~3 meters in the air, press the remote control. On the right side of the button, the remote control will emit “drop” “drop”, “drop” sound, this time as long as the remote control will be pushed at will on the right stick, the aircraft will be played in the direction of the 360-degree roll action. direction, the flying machine will do 360 degree rolling action.



Tip: 360-degree roll works better with full power, low voltage will disable the roll operation.

● Headless mode

When in headless mode, no matter how the aircraft is rotated, the remote control just advances the forward direction and the aircraft is flying in the originally set forward direction. The blue lights at the top and tail of the airplane flash in headless mode.



Tip: Before entering headless mode, you must determine the direction of travel, i.e., the direction in which the vehicle is on the ground when it is turned on.

● Low voltage protection

When the aircraft is flying in the air, all the indicator lights are blinking, which means the battery is low, and at the same time, the remote controller continuously emits “di”, “di”, “di”, which prompts to do the return flight urgently. Slow blinking: Battery power is low.

Slow blinking: low battery

Tip:When there is a low-pressure tip, it is forbidden to do a 360-degree roll.

● One button up/one button down

One button up.

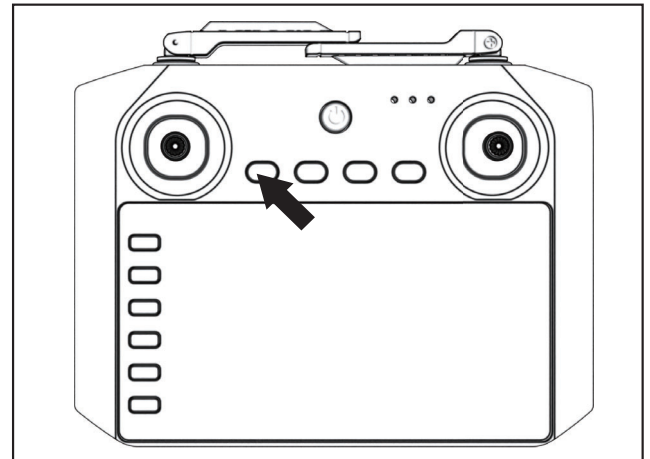
Put the flying machine on the horizontal ground, press the remote control “one button up” button, then the flying machine will automatically rise to a height of 1.5 meters.

One button down.

When the flying machine stays in the air, press the one button down button on the left bottom corner of the remote control, then the flying machine will land on the ground automatically.

● Compulsory halt

For the fixed-height version, when the power rocker is pulled down to the bottom, the craft does not stop immediately. Press and hold the emergency stop button for 2 seconds, as shown in the picture on the right, and the vehicle will be forced to stop.



Tip: This is very useful in case of emergency!

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

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction