

The aircraft is marketed as a "toy drone" intended for children's entertainment use; it must not be used for any other purpose that could compromise U.S. national security.

AGE 14+

2.4G REMOTE CONTROL LIGHT DRONE OPERATING MANUAL

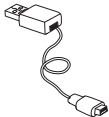
2.4G遥控灯光无人机 使用说明书



DRONE x1
(Battery Included)
无人机 x1 (内含电池)



Remote Control x1
遥控器 x1



USB Charger x1
USB充电器 x1



User Manual x1
说明书 x1

Notes 注意:

Please check the number of accessories carefully (as shown above). Please provide proof of purchase and contact the store for replacement if any missing parts.

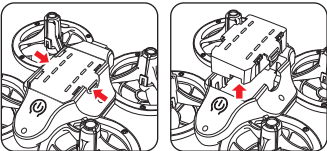
请仔细清点各配件及数量（如配件表），如果发现不齐全，请提供购买凭证，及时联系销售商家补换货。

*Please read this manual carefully before operation and keep it properly for future reference.

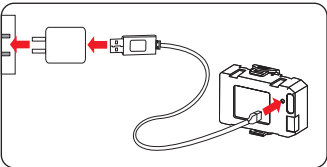
*请在飞行前仔细阅读说明书并妥善保管以便日后参考。

ACCESSORIES 配件表

5. BATTERY CHARGING FOR DRONE 机身充电方法



A. Remove the lithium battery from the bottom of the drone.
按下箭头指示的位置，把电池稍往外拉出，取出电池。



B. Connect USB charging cable with the charging interface of the lithium battery.
USB充电器连接电池与USB充电接口

Notes 注意:

The battery lights up in red when charging, and turns off when the battery is full, and lights up in green.
充电时电池亮红灯，充满时红灯灭。

⚠ BATTERY INSTRUCTIONS 电池使用注意

- There is a certain risk when using lithium battery. It may cause fire, body injury or property loss. Users must be aware of the risks and take full responsibility of using battery improperly.
使用锂电池有一定风险，可能对人和财产造成重大损失，请谨慎使用，自行承担所有相关责任。
- If battery leakage occurs, please avoid contacting your eyes or skin with electrolyte. Once it happens, please wash your eyes with clean water and seek medical care immediately.
如果电池发生泄漏，请避免液体与皮肤和眼睛接触。若接触到皮肤，请立即以香皂和清水清洗。若接触到眼睛，请立即以大量冷水冲洗并立即就医。
- Please remove the plug immediately if you sense any peculiar smell, noise or smog.
如果充电器发出可疑异味、噪音或者烟雾，请立即拔除电源。

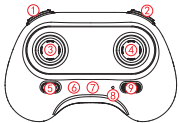
Battery Charging 充电

- Please use the charger from original factory to ensure your safe usage.
请使用原厂配送的专用充电器充电，严禁使用破损或其他品牌充电器。
- Do not charge dilant or outworn battery.
请勿对膨胀、泄漏或破损的电池充电。
- Do not over charge battery. Please unplug the charger once fully charged.
请勿对电池过度充电。当电池完全充满后，请拔出充电器。
- Do not charge the battery next to inflammables, such as carpet, limber floor or wood furniture or on the surface of electro-conductive objects.
Please always keep an eye on the battery when charging.
请勿在靠近易燃物（地毯、木地板、实木家具等）或导电的物体表面上充电。充电时请保持电池在视线范围内。
- Do not charge battery which not cool down yet.
切勿在使用产品后电池尚热时立即充电。
- The charging temperature should be between 0°C to 40°C.
电池充电的温度应该介于0°C到40°C之间。

Battery Recycling 回收

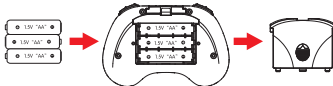
- Do not dispose the battery as daily rubbish. Please familiarize yourself with the local garbage disposal method and dispose it according to the special requirement.
此设备由电子元件和电池构成。关于电子电器垃圾，请按照当地垃圾处理要求，进行特殊处理。

Parts of remote control 遥控器各部位名称



- | | |
|---|---|
| ① High/low speed
速度转换 | ④ Light switch, long press the light/
turn off the light
灯光切换、长按开灯/关灯 |
| ② One-key Flips&Rolls
360° 翻滚 | ⑦ Long press correction
长按校正 |
| ③ Left joystick
左操作杆 | ⑧ Indicator light
指示灯 |
| ④ Right joystick
右操作杆 | ⑨ Power switch
电源开关 |
| ⑤ One-key Ascend/Landing
(Long press fine -tune)
一键启动/降落（长按微调键） | |

Lithium battery instruction 遥控器电池安装方法



Open the battery cover and insert the 3 AAA batteries correctly according to the electrode instructions.(Batteries not included)
打开电池盖，依照电极指示正确放入3颗1.5V AAA电池。（电池需另购）

Notes 注意:

- Make sure the battery are loaded correctly according to the polarity indications on the battery compartment.
 - Please do not mix old and new batteries together.
 - Please do not mix different types of batteries together.
- 1.装入电池时必须认准电池正负极，且不能装反。
2.请勿混合使用新旧电池。
3.请勿混合使用不同类型的电池。

Signal connection of transmitter and receiver 遥控器与无人机对频

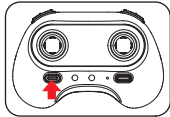
- Turn on the drone and place it on a level surface, the drone's indicator light starts to blink slowly, which indicates waiting for pairing.
开启机身电源开关后将无人机放置在水平面，无人机指示灯慢闪，表示等待对码。
- Press the power switch of the remote control, the indicator light on the remote control will flash, and the remote control will emit two "beep" sounds. The indicator lights on the drone and the remote control will stay on, indicating that the frequency binding is successful.
按遥控器电源开关，遥控器指示灯闪烁，同时遥控器会发出“滴滴”两声，无人机指示灯和遥控指示灯长亮，表示对频成功。



Fly with remote controller 使用遥控器开始飞行 One Key Start 一键启动

Press the "One Key Start/ Landing" button and the drone's propellers will start to rotate.

按下“一键启动/降落”按键，无人机风叶转动。

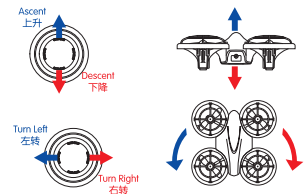


Basic Flight 基本飞行

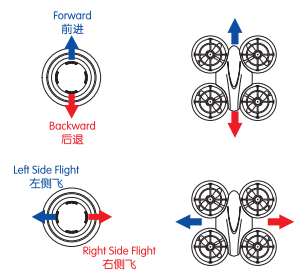
Use the left joystick to control the flight altitude and turn left/right, and the right joystick to control the forward, backward, left and right side flight directions.

左操纵杆控制飞行高度与左右转方向。右操纵杆控制前进、后退以及左右侧飞方向。

Left joystick 左操纵杆



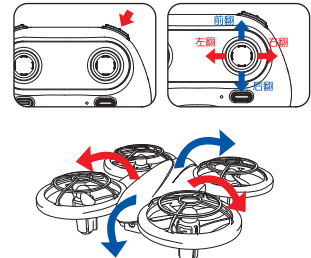
Right joystick 右操纵杆



Flips & Rolls 翻滚

When the drone is reaching more than 3 meters high, click “360° flips and rolls” and move the right joystick to a certain direction, the drone will rotate in that direction.

无人机飞到3米以上高度后，点击翻滚键并将右操纵杆（方向舵）向一个方向移动，可实现往此方向的翻滚动作。



Hover 悬停

When you release the left joystick (throttle) after the ascent/descent action, the drone will hover at a certain height.

用左操纵杆让无人机上升后，松开左操纵杆，无人机仍会悬停在松开操纵杆时的高度。

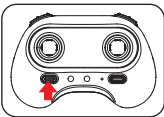
Left joystick 左操纵杆



One Key Landing 一键下降

Press the “One Key Start/ Landing” button on the remote controller to make the drone slowly descend until landing on the ground and stop running.

无人机飞行中按遥控器的“一键启动/降落键”，无人机缓慢降落到地面停止飞行。



Fine-tuning 微调功能

When the aircraft rotates in the air or tends to different directions, a fine-tuning correction can be used. Long press the fine-tuning key, and then mobilize the corresponding fine-tuning keys to adjust the calibration until the aircraft will not fly.

当飞行器在空中打转或倾向不同方向时，可使用微调修正动作。长按微调键，然后反方向拨动对应的微调键进行调节校准，直至飞行器不会偏飞为止。



Notes 注意:

When the drone is within 30cm from the ground, it will be affected by the blade vortex made by itself and become unstable. This is “ground effect”. The lower the drone is, the greater the effect will be.

“地效反应”指当无人机飞行越低时，地面反应影响则越大。当无人机在距离地面30 cm 以内的位置，无人机会受到自身桨叶涡流的影响而变得不稳定。

Transmitter calibration

遥控器校准

When the aircraft appears in the air, it can be calibrated by a horizontal calibration function when it has been drifting in a certain direction or a horizontal calibration function. Place the aircraft on the horizontal plane, long press the remote control calibration key, the remote control emit a “drop” sound, and the aircraft lights flickering at the same time. Waiting for about 3 seconds, the aircraft lights are long and the calibration is completed.

当飞行器在空中出现一直往某个方向漂移或自身在原地旋转时可以使用水平校准功能对飞行器进行校准。将飞行器放置于水平面上，长按遥控器校准键，遥控器发出“滴”一声，同时飞行器灯光闪烁，等待3秒钟左右，飞行器灯光变亮，校准完成。



FAQ

遇到问题不用慌

PROBLEMS 问题	CAUSES 原因	SOLUTIONS 处理方法
Control failure 遥控器失灵	Not connect with the quadcopter battery. 无人机电池没连接	Connect the quadcopter battery in right way. 把无人机电池按正确方向连接
	Too strong wind force. 风力太大	Do not fly in windy days. The performance and the control of the quadcopter will be affected by the strong winds. 切勿在有风的情况下飞行，有风会对无人机造成局限，或会妨碍你的控制飞行
Fail to ascend 无人机不能升高	The rotation speed of main blades is too slow. 旋翼转动速度太慢	Push up the throttle joystick. 动力操纵杆向上推
	The battery of the quadcopter is not fully charged. 无人机未充满电	Please full charge the quadcopter. 为无人机完全充电
Landing too soon 无人机很快跌落	The throttle stick is pulled down too fast. 过快将动力操纵杆回拉	Pull down the throttle stick slowly to perform a smooth landing. 慢慢的回拉动力操纵杆让无人机慢慢着陆
Out of control 失控	Beyond the effective controlling distance. 超出有效遥控距离	Ensure operation within the controllable distance: remote control of 100 meters and WiFi control of 40–50 meters. 确保遥控距离在100m内，WiFi操控在40–50m内

FCC Warning:

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.

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