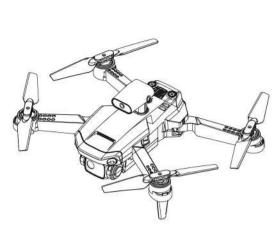
避障功能折叠无人机 使用说明书



*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。

▲ BATTERY LNSTRUCTIONS 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 toke 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

- 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
- 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

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 dilatant 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
- 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, timber 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℃到40℃之间。

Battery Recycling 回收

Flips & Rolls

Right joystick

 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,

When the drone is reaching more than 3 metershigh, click

(方向舵)向一个方向移动,可实现往此方向的翻滚动

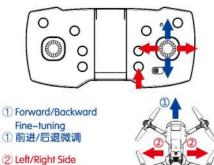
"360° flips and rolls" and move theright joystick to a certain direction, the drone will rotate in that direction. 无人机飞到3米以上高度后,点击翻滚键并将右操纵杆

FINE-TUNING FUNCTION 微调功能

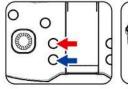
When the aircraft spins in the air or tilts in different directions, you can use fine—tuning to correct the action. Press the fine—tuning button and hear a beep, then move the joystick in the opposite direction to adjust and

If there is no operation for 5–6 seconds after entering the fine-tuning, the fine-tuning function will automatically exit 当飞行器在空中打转或倾向不同方向时,可使用微调

作杆进行调节校准,直至飞行器不会偏飞为止。 进入微调后如果5-6秒没有进行操作,微调功能就会 自动退出。



头的角度。(摄像头电调版本才有此功能





KNOW YOUR DRONE 认识你的无人机

3 Propeller

IXU

机,臂

认识你的遥控器

普通版本/避障版本

The obstacle avoidance version is the obstacle

Left joystick -左操作杆 上升/下降/ 左右转向

One-key Ascend 一键起飞

One-key Landing . 一健降落

Camera ESC version

摄像头电调版本

KNOW YOUR REMOTE CONTROL

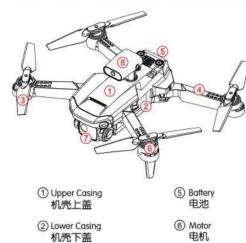
Standard version/Obstacle avoidance version

1.Parts of remote control 遥控器各部位名称

手机夹

With 2.4G frequency band for long remote control distance, Drone allows multiple flights at the same time without any interference. User can control it to fly, hover and take photos/ videos with APP and WIFI connection on smart phone

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实现飞行、翻滚、微调、一键 起飞、一键降落、速度、无头模式、校正、定高等功能。



7 Camera

(8) Obstacle

摄像头

equipmen

避障设备

短按一键校准 长按一键返航

Power switch 电源开关

Headless mode 无头模式

短按无头模式 长按一键返航

Fine-tuning ke 微调键

- Right joyustick 右操作杆 前进/后退/左右侧飞

Notes 注意:

USB Charger x1

USB充电器 x1

ACCESSORIES 配件表

DRONE x1

(Battery Included)

无人机 xl (内含电池)

BB BB

Backup Propellers Ax2 Bx2

备用风叶 Ax2 Bx2

Remote Control x1

遥控器 x1

Protective Guard x4

防护架 x4

を 1286 日 1286

User Manual x1

说明书xl

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

Screwdriver x1

十字螺丝刀 x1

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。

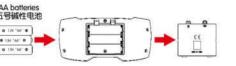
2

LITHIUM BATTERY INSTRUCTION 电池安装及充电方法

 Open the remote control battery cover 遥控器电池盖的开启



② Remote control battery installation



Open the battery cover and insert the 3 AA 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粒AA电池。(电池需另购)

1.Make sure the battery are loaded correctly according to the polarity indications on the battery compartment.
2. Please do not mix old and new batteries together.
3. Please do not mix different types of batteries together.

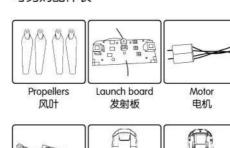
1.装入电池时必须认准电池正负极,且不能装反。

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。

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 beaffected 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 quadrocopter is not fully charged. 无人机未完成充电	Please full charge the quadcopter. 为无人机完全充电
Landing too soom 无人机很 快跌落	The throttle stick is pulled down too fost. 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. 确保溫控距离在100m内, WIFI提存在40–50m内

OPTIONAL ACCESSORIES LIST 可另购配件表





Lower Casing 机身下盖

Battery Protective Guard 电池 护架

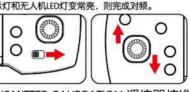
Notes 注意:

If any of the above accessories are damaged during operation, you can contact the seller to purchase. 操作过程中, 如有以上配件损坏, 可自行联系卖家购买。

SIGNAL CONNECTION OF TRANSMITTER AND RECEIVER 遥控器与无人机对频

1) Turn on the drone and place it on a level surface the indicator light of transmitter and the LED of drone flashing. 开启机身电源开关后将无人机放置在水平面, 遥控器指 示灯和无人机LED灯闪烁。

2. Push the throttle joystick to the highest point then push back to the lowest point, and whenyou hear two beeps, the indicator light of transmitter and the LED of drone become normally on, the signal connection as completed 将油门杆推到顶部再拉回到最低点,滴滴两声,遥控器 指示灯和无人机LED灯变常亮、则完成对频。

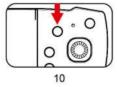


TRANSMITTER CALIBRATION 遥控器校准 Apply transmitter calibration when the drone fails to take of

Standard version/Obstacle avoidance version Press the "One button calibration" button. When the lights of drone are on and then start flashing and keep on again, the calibration is complete. the drone must be placed on ahorizontal surface in a steady state when the calibrationis conducted

若无人机起飞不能垂直上升, 可对无人机校正。 普通版本/避障版本

一键校正"键,此时无人机指示灯快速闪烁, 待指示灯常亮, 校正完成。在执行校正命令时, 必须 在与、水平线平行的平稳状态下执行,否则会影响校



PRE-FLIGHT PREPARATION 飞行前准备

1.FLIGHT ENVIRONMENT 选择飞行环境



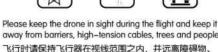


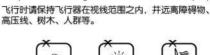
Indoor: Spacious spaces away from barriers, crowds or pets are preferred 在室内飞行: 请选择附近无障碍物、人群和宠物的开阔



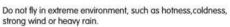


在室外飞行: 请选择晴朗无风的天气或微风的天气飞行。









切勿在极端恶劣的环境下飞行,如过冷、过热、强风、

Camera ESC version Left joystick 左操纵杆 Move the left and right joysticks to the lower left at the

same time and hear a beep, then move the left and right oysticks to the lower right to hear a beep. At this time, the UAV indicator light flashes quickly, wait until the indicator light is always on, the calibration is completed. When executing the correction command, it must be executed in a stable state parallel to the horizontal line, otherwise the correction effect will be affected

申调版本

将左右操控杆同时拨向左下方, 听到"滴"一声, 然 后将左右操控杆拨向右下方,听到"滴"一声,此时 无人机指示灯快速闪烁,待指示灯常亮,校正完成。 在执行校正命令时,必须在与水平线平行的平稳状态



START YOUR FLIGHT 开始飞行

1. One-key Ascend 一键起飞

Press the "One-key Ascend" button, the drone blades rotate and automatically fly to a height of 1.5 meters 按下"一键起飞"按键,无人机风叶转动,自动飞 到1.5米的高度。

2. 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 sidde 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。

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2.OPEN THE WINGS 打开机翼 OPENING STEPS 打开机翼顺序:

① Open the front arm(close to camera) 先打开前机臂。(靠摄像头一侧)

Open the back arm Fold the back armf firstly and then the ront arm when folding 再打开后机臂, 折叠时顺序相反。



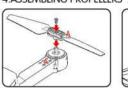


3.ASSEMBLING PROTECTIVE GUARD 防护架安装



until it is in place, and then press the position (Figure 2) up to fas the protective frame 将保护架对准机臂安装(图1),按至到位,然后按(图2)位置 往上按扣紧保护架。

4.ASSEMBLING PROPELLERS 风叶安装



Align the blades with the motor shaft and install them (the arm dentification must be consistent with the blade identification Tighten the screw clockwise 将风叶对准电机轴安装上去(机臂标识与风叶标识要一致), 顺时针拧紧螺丝。

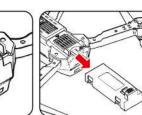
Right joystick 右操纵柱

direction of the obstacle.

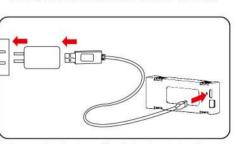
四面避障, 往障碍物相反方向退。

obstacle avoidance mode is turned on.

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,把电池箱往外拉出,取出电池。



B. Connect USB charging cable with the charging interface of

USB充电器连接电池与USB充电接口

Notes 注意:

LED lights on when charging and red light turn off when full charging completes. Charging time is about 150 minutes. 充电时LED灯亮, 充电结束时LED灯灭, 充电时间约为 2.5小时左右。

Headless Mode 无头模式

The flight direction of drone is subjected to the direction

1. When drone adjust the frequency, the drone is default as common mode. Then the indication light of drone and enters headless state. When you press the

2.In the headless state, operator doesn't need to identify the direction of nose, but control the drone according

当无人机对完频后, 无人机默认为普通模式, 此时无 人机的指示灯为长亮状态, 当按下遥控器上无头功能 键后, 遥控器发出"滴"一声表示进入无关状态, 再 按下无头功能键后听到"滴"长声响为退出无头状态。 在无头状态下,操控者无需去辨认无人机的机头方向,

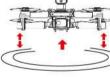
Hover

0

When you release the left joystick (throttle) after the ascent/descent action, the dronewill hover at a certain

无人机仍会悬停在松开操纵杆时的高度。





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Obstacle Avoidance Mode (The obstacle avoidance function

Press the button to turn on the obstacle avoidance mode, and

It is recommended to turn on the obstacle avoidance function in

an indoor flight environment with a length and width of 6 x 6 meters or more. When the UAV turns on the obstacle avoidance

mode, the speed will slow down and the fast gear cannot be turned on. Therefore, it is recommended to fly indoors when the

建议在室内飞行环境长宽6米x6米以上, 开启避障功能。

当无人机开启避障模式时,速度会变慢,且不能开启快 速档,所以开启避障模式时建议在室内飞行。

press again to turn off the obstacle avoidance mode. Avoid obstacles on four sides and retreat in the opposite

按下按键开启避障模式,再按一下关闭避障模式。

避障模式 (购买避障版本才避障功能)

of remote control.

is normally on. When you press the headless function key of remote control, the remote control beeps once headless function key again, you listen to a long beep sound and the drone exits the headless mode.

to the operating lever of remote control.

只需根据遥控器的操作杆方向来控制飞行器。

用左操纵杆让无人机上升后, 松开左操纵杆,

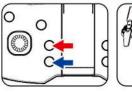
Left joystick 左操纵杆



右操纵杆

Camera angle adjustment 摄像头角度调节 During the flight of the drone, the camera angle can be

adjusted through the camera adjustment button. (This function is only available in the camera ESC version) 无人机飞行过程中可通过摄像头调节按键来调节摄像





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mode button 一键避粹按键 -

calibrate until the aircraft does not deviate.

按下微调按键听到"滴"一声后,然后反方向拨动操

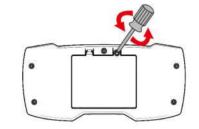


Notes 注意: When the drone is within 30cm from the ground, it will be affected

Fly Fine-tuning ② 左/右侧飞微调

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

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Notes 注意:

ROBLEMS 问题	CAUSES 原因	SOLUTIONS 处理方法
ntrol failure 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 beaffected 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
il to ascend 人机不 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 quadrocopter is not fully charged. 无人机未完成充电	Please full charge the quadcopter. 为无人机完全充电
nding too om 人机很 跌落	The throttle stick is pulled down too fost. 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
ut of control 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