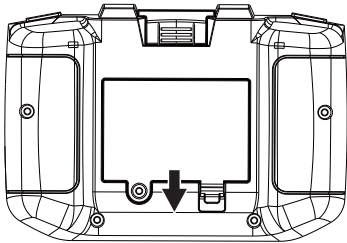


<div><div>AGE 14+</div><div>FOLDING DRONE WITH OBSTACLE AVOIDANCE FUNCTION OPERATING MANUAL</div><div>避障功能无人机 使用说明书</div><div><div><div>*Please read this manual carefully before operation and keep it properly for future reference. *请在飞行前仔细阅读说明书并妥善保管以便日后参考。</div><div>Obstacle Avoidance Mode 避障模式</div><div><div><div>Press the button to turn on the obstacle avoidance mode, and press again to turn off the obstacle avoidance mode. Avoid obstacles on three sides and retreat in the opposite direction of the obstacle. 按下按键开启避障模式，再按一下关闭避障模式。三面避障，启动避障时碰到障碍物遥控器会连续发出“嘀嘀嘀”声音。 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 obstacle avoidance mode is turned on. 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，速度会放慢，且不能开启快速档，所以开启避障模式时建议在室内飞行。</div><div><div>1</div></div></div></div></div></div></div>	<div><div>KNOW YOUR REMOTE CONTROL 认识你的遥控器</div><div><div><div>Camera down 摄像头向下</div><div>Camera up 摄像头向上</div><div>Roll 翻滚</div><div>Right joystick 右操作杆 前进/后退/ 左右侧飞</div><div>Obstacle avoidance function 避障功能</div><div>Left joystick 左操作杆 上升/下降/ 左/右转向</div><div>One-key Ascend 一键起飞</div><div>Power switch 电源开关</div><div>Short press speed Long press Light control 短按速度 长按灯光控制</div><div>One-key Landing 一键降落</div><div>Fine-tuning 微调</div></div><div>TRANSMITTER CALIBRATION 校正对频</div><div><div>1</div></div></div><div><div>KNOW YOUR DRONE 认识你的无人机</div><div><div><div>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、校正、定高等功能。</div><div><div>① Upper Casing 机壳上盖</div><div>② Lower Casing 机壳下盖</div><div>③ Propeller 风叶</div><div>④ Battery 电池</div><div>⑤ Motor 电机</div><div>⑥ Camera 摄像头</div></div><div><div>1</div></div></div></div></div></div>	<div><div>ACCESSORIES 配件表</div><div><div><div>DRONE x1 (Battery included) 无人机 x1 (内含电池)</div><div>Backup Propellers AB 备用风叶 AB</div><div>USB Charger x1 USB充电器 x1</div></div><div><div>Remote Control x1 遥控器 x1</div><div>Phone clip x1 手机夹 x1</div><div>Screwdriver x1 十字螺丝刀 x1</div></div><div><div>User Manual x1 说明书 x1</div><div>Fan blade tool x1 风叶拆卸工具 x1</div></div></div><div><div>2</div></div></div> <div><div>OPTIONAL ACCESSORIES LIST 可另购配件表</div><div><div><div>Propellers 风叶</div><div>Receiving board 接收板</div><div>Battery 电池</div></div><div><div>Launch board 发射板</div><div>Upper Casing 机身上盖</div></div><div><div>Motor 电机</div><div>Lower Casing 机身下盖</div></div></div><div><div>3</div></div></div> <div data-bbox="1076 755 1430 1426"><div><div>PRE-FLIGHT PREPARATION 飞行前准备</div><div>FLIGHT ENVIRONMENT 选择飞行环境</div><div><div><div>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、人群和宠物的开阔空间飞行。</div><div>Outdoor: Sunny, windless and breezy weathers are preferred. 在室外飞行：请选择晴朗无风的天气或微风天气飞行。</div></div><div><div><div>Do not fly in extreme environment, such as hotness, coldness, strong wind or heavy rain. 切勿在极端恶劣的环境下飞行，如过冷、过热、强风、暴雨等。</div></div></div><div><div>4</div></div></div><td data-bbox="1430 755 1785 1426"><div><div>PHONE CLIP INSTALLATION 手机夹的安装</div><div><div><div>将手机夹对准遥控器的顶部凹槽插入完成安装。 Align the phone clip with the top groove of the remote control and insert it to complete the installation.</div><div><div>5</div></div></div><div><div>ASSEMBLING PROPELLERS 风叶安装</div><div><div><div>1. 使用拆卸工具将需要更换的风叶翘起。 Use disassembly tools to lift up the fan blades that need to be replaced.</div><div>2. 将更换的风叶与电机轴对准，用手按压下去完成安装。 Align the replaced fan blades with the motor shaft and press them down by hand to complete the installation.</div></div><div><div><div>1</div><div>2</div></div></div><div><div>5</div></div></div></div></div></div></td><td data-bbox="1785 755 2139 1426"><div><div>BATTERY CHARGING FOR DRONE 机身充电方法</div><div><div><div><div>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。</div><div><div>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</div></div></div><div><div>6</div></div></div><div><div>Notes 注意:</div><div>LED lights on when charging and light turn off when full charging completes. Charging time is about 120 minutes. 充电时电池灯亮，充电完成时电池灯灭，充电时间约为2小时左右。</div><div><div>6</div></div></div></div></div></td><td data-bbox="2139 755 2493 1426"><div><div>▲ BATTERY INSTRUCTIONS 电池使用注意</div><div><div><div>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。</div><div>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，请立即以清水和清水清洗。若接触到眼睛，请立即以大量冷水冲洗并立即就医。</div><div>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。</div></div><div><div>Battery Charging 充电</div><div><div>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。</div><div>Do not charge dilutant or outworn battery. 请勿对膨胀、泄漏或破损的电池充电。</div><div>Do not over charge battery. 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Please familiarize yourself with the local garbage disposal method and dispose it according to the special requirement. 请勿将电池作为日常垃圾处理。请熟悉当地的垃圾处理方法并根据特殊要求进行处理。</div><div>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。</div></div></div><div><div>7</div></div></div></div></div></td></div></div>	<div><div>PHONE CLIP INSTALLATION 手机夹的安装</div><div><div><div>将手机夹对准遥控器的顶部凹槽插入完成安装。 Align the phone clip with the top groove of the remote control and insert it to complete the installation.</div><div><div>5</div></div></div><div><div>ASSEMBLING PROPELLERS 风叶安装</div><div><div><div>1. 使用拆卸工具将需要更换的风叶翘起。 Use disassembly tools to lift up the fan blades that need to be replaced.</div><div>2. 将更换的风叶与电机轴对准，用手按压下去完成安装。 Align the replaced fan blades with the motor shaft and press them down by hand to complete the installation.</div></div><div><div><div>1</div><div>2</div></div></div><div><div>5</div></div></div></div></div></div>	<div><div>BATTERY CHARGING FOR DRONE 机身充电方法</div><div><div><div><div>A. 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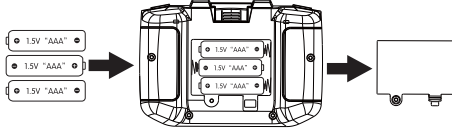
LITHIUM BATTERY INSTRUCTION  
电池安装及充电方法

- ① Open the remote control battery cover  
遥控器电池盖的开启



- ② Remote control battery installation  
遥控器电池的安

AAA batteries  
7号碱性电池



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粒AAA电池。（电池需另购）

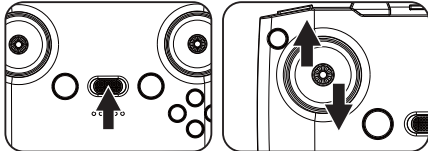
Notes 注意:

- 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。

8

SIGNAL CONNECTION OF TRANSMITTER  
AND RECEIVER 遥控器与无人机会频

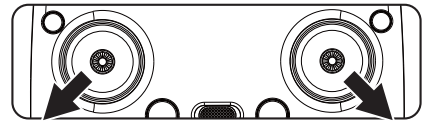
- ① Turn on the drone and place it on a level surface,the indicator light of transmitter and the LED of drone flashing.  
开启机身电源开关后将无人机放置在水平面，遥控器指示灯和无人机LED灯闪烁。
- ② Push the throttle joystick to the highest point then push back to the lowest point,and when you hear two beeps, the indicator light of transmitter 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

If the drone cannot ascend vertically during takeoff, it can be calibrated by turning the left and right control levers to the left and right respectively. When you hear a "beep" sound, the indicator light on the drone will flash rapidly. Wait for the indicator light to stay on for calibration to be completed. When executing calibration commands, they must be executed in a steady state parallel to the horizontal line, otherwise it will affect the calibration effect.

若无人机起飞不能垂直上升，可对无人机会校正，将左右控制杆分别拨向左下和右下，听到“滴”一声，此时无人机上指示灯快速闪烁，等待指示灯常亮，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，否则会影响校正效果。



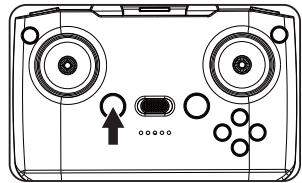
9

START YOUR FLIGHT 开始飞行

1. One-key Ascend and One-key Landing  
一键起飞与一键降落

Press the "One-key Ascend" button, the drone blades rotate and automatically fly to a height of 1.5 meters. Press the button again to land the drone with one button

按下“一键起飞”按键，无人机风叶转动，自动飞到1.5米左右的高度。再次按下按键无人机一键降落。

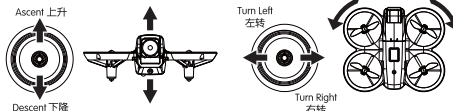


2. Basic Flight  
基本飞行

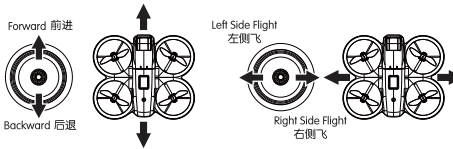
Use the left joystick to control the flight altitude and turn left/right, and the right joystick to control the forward, backward, left and right sidde flight directions.

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。

Left joystick 左操纵杆



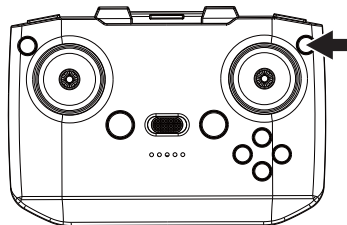
Right joystick 右操纵杆



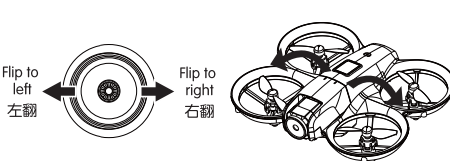
10

Flips & Rolls  
翻滚

When the drone is reaching more than 3 metershigh, click "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（方向舵）向一个方向移动，可实现往此方向的翻滚动作。



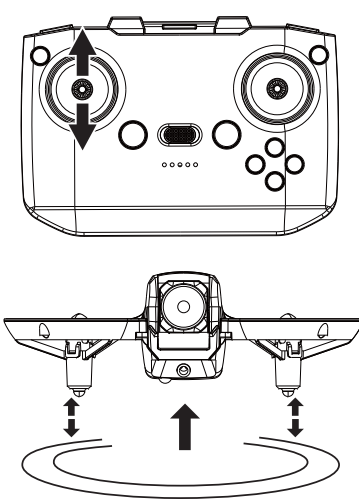
Right joystick 右操纵杆



11

Hover  
悬停

When you release the left joystick (throttle) after the ascent/descent action, the dronewill 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。



12

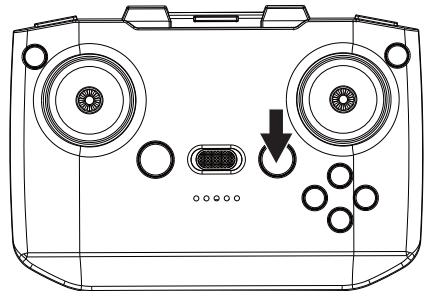
Speed and Light control  
速度与灯光控制

Lightly press the button to control the speed of the drone, a "di" sound is a slow speed, and then tap the button again, a "di" and a "di" sound twice as a fast speed, and then the cycle repeats. The default speed of the drone is low speed.

轻按按键对无人机进行速度控制，“滴”一声为慢档，再次轻按按键，“滴”“滴”两声为中档，再次轻按按键，“滴”“滴”“滴”三声为快档，之后循环往复。无人机默认速度为低速。

When the drone is turned on, the lights are turned on by default, and long pressing the button turns off the aircraft lights.

无人机开机时默认开启灯光，长按按键关闭飞行器灯光。



13

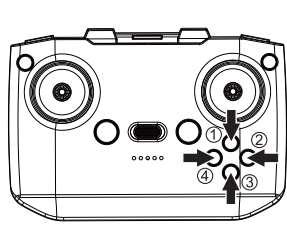
FINE-TUNING FUNCTION  
微调功能

When the aircraft is spinning or leaning in different directions in the air, fine-tuning correction actions can be used.

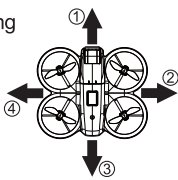
Press the fine-tuning button to adjust the calibration and make the drone fly smoothly.

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。

按下微调按键调节校正，使无人机平稳飞行。



- ① 向前微调 Forward fine tuning  
② 向右微调 Right fine tuning  
③ 向后微调 Back fine tuning  
④ 向左微调 Left fine tuning



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。

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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  Too strong wind force. 风力太大	Connect the quadcopter battery in right way. 把无人机电池按正确方向连接  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，就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  The battery of the quadcopter is not fully charged. 无人机未完成充电	Push up the throttle joystick. 动力操纵杆向上推  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 WFI control of 40~50 meters. 确保遥控距离在100m内，WIFI操控在40~50m内

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# 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.**

**Portable device statements:**

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