

A16折叠飞行器用户手册

FOR AGES
14+

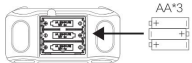
2.4 GHZ EDITION

- 仅于原厂配备充电器(USB)进行充电。
- 充电时人员切勿离走。
- 电池需存放在阴凉处，避免暴晒。

使用前请先完整阅读说明书（注意及警告部分请详细阅读）保存好此说明书以供日后使用参阅

遥控器及飞行器电池安装及充电说明

1、遥控器电池安装

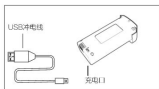


如图所示依照电池箱的电极指示（+、-）正确地放入电池（如图所示）

2、飞行器电池充电

- (1) 将飞行器的电池从飞行器机身上取下；
- (2) 将电池与专用充电线连接，再将充电线插入电脑USB端口等充电设备中；
- (3) 充电时亮红灯，充满灯灭；

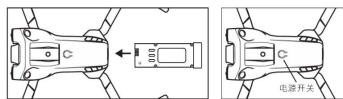
充电时间约90-100分钟



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3、飞行器电池安装与启动

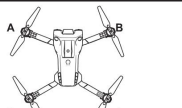
将充满电的电池放入飞行器的电池槽中，按住电源开关不放直到飞行器灯光亮起。



飞行器安装

1、飞行器风叶安装

请按照正前方位置安装螺旋桨。螺旋桨上标志A安装到飞行器左上角和右下角的螺旋桨上，螺旋桨上标志B安装到飞行器右上角和左下角的螺旋桨上，安装到后务必紧固螺旋桨。



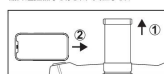
2、飞行器保护架安装

将保护架对准飞行器横臂位置（如图）安装扣紧。

遥控器功能说明/操作说明

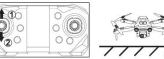


1. 手机挂架
翻开遥控器手机支架，夹住手机。



2、2.4G对频

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，将动力操作杆推到最远处停留1秒并拉到最低处，蜂鸣器提示“滴”声，飞行器提示灯光亮。对频完成，此时就可以起飞了。



3、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，开始飞行或充电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

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4、飞行控制

● 油门（左摇杆）



● 旋转（左摇杆）



● 前进后退（右摇杆）



● 左右侧飞（右摇杆）



无头模式的方向定义与模式选择

切换到无头模式时，飞行器将放弃自身的前后左右的方向，以2.4G对频时飞行器的机头方向（有摄像头一面）为前进方向。

1. 起飞时的方向定义：将飞行器的前进方向对准于你的正前方（有摄像头一面），再打开遥控器进2.4G对频，即完成此次无头模式方向定义。

2. 飞行器接无头模式时，遥控器持续发出响声，飞行器灯光快速闪烁即进入无头模式；再按一次无头模式键，遥控器发出“滴”“滴”响声，即退出无头模式。

避障开关



打开飞机后，长按避障模式按钮即可开启避障模式飞机眼睛灯会开始慢闪即是避障模式工作状态，同时在短按避障按钮即是关闭（这时飞机眼睛灯不会闪烁）

慢档位选择



慢档位是把前进、后退、和左右侧飞分为三档速度，遥控器开启电源后默认为慢档，按下遥控器按键发出，“滴”“滴”两声为中档速度，“滴”“滴”“滴”三声为快档速度，“滴”一声返回慢档。（建议初学者使用慢档操作）

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一键急停

如飞行过程中出现险情，须要紧急停止可以如图所示短按急停按键，飞行器马上停止运行，此功能在飞行器正常高空飞行时请勿尝试操作否则飞行器会快速掉落。



紧急停止

1. 当飞行器倾斜角度超过60度时，飞行器将停止转动；
2. 当螺旋桨被卡住时会自动停止电机转动；



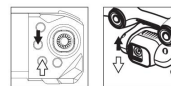
飞行器设置位

新手在操作本款飞行器时，如果起飞后飞行不稳定，出现往一个方向慢慢漂移时，可采用陀螺仪水平校正功能给飞行器校正。如右图，开机2.4G对频完成后，将飞行器放置在平整的地面上，遥控器手柄同时打向右侧，蜂鸣器发出“滴”提示音，飞行器灯光闪烁后变亮，说明校正完成。



镜头上调/下调

使用无人机时，可以镜头上调和下调按键，来调整摄像头方向



解决问题指引

问题	原因	处理方法
飞行器锂电池电量指示灯持续闪烁，操作无反应	飞行器与遥控器2.4G对频不成功	请重新执行飞行器与遥控器2.4G对频
插上电池后无任何反应	(1) 检查遥控器飞行模式是否正确 (2) 检查遥控器飞行模式电量是否出现低电压 (3) 确认电池正负极性安装正确	(1) 重新安装电池 (2) 充电或更换电池 (3) 确认电池正负极性安装正确
启动后门扇打不开机不转动，且飞行器指示灯一直闪烁	飞行器锂电池电量不足	将电池充电或更换一个满电的电池
飞行器螺旋桨持续转动即不能起飞	(1) 螺旋桨变形 (2) 飞行器电机电量不足	(1) 更换螺旋桨 (2) 将电池充电或更换一个满电的电池
飞行器启动的瞬间	螺旋桨变形	更换螺旋桨
飞行器启动后往一个方向漂移	飞行器陀螺仪中心轴不对	重新进行水平校准或重新开机重新对频
飞行器启动后往左或右漂移	飞行器陀螺仪中心轴不对	重新进行水平校准或重新开机重新对频

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A16COLLAPSIBLE QUADROCOPTER

FOR AGES
14+

2.4 GHZ EDITION

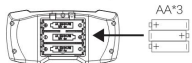
Limited to the original factory equipped with charger (USB) for charging. Do not leave when charging.

The battery should be stored in a cool place to avoid exposure to the sun.

Read the manual completely before use (please read the caution and warning section). Save this manual for future reference

Battery installation and charging instructions

1. Remote control battery installation

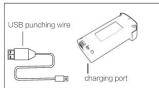


According to the electrode instructions (+, -) of the battery box, insert the battery correctly (as shown)

2. Lithium battery charging

- (1) Remove the aircraft battery from the aircraft fuselage;
- (2) Connect the battery to the dedicated punching wire, and then insert the punching wire into the computer USB port and other punching equipment;
- (3) Lights up in red when charging, and lights out when full.

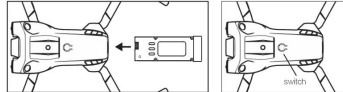
Charging time is about 80-100 minutes



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3. Aircraft battery installation and startup

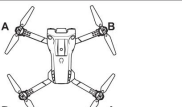
Insert a fully charged battery into the battery compartment of the aircraft, and press and hold the power switch until the aircraft lights come on.



Aircraft installation

1. Aircraft blade installation

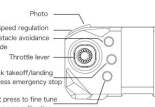
Please install the propeller in the direction of the picture on the right, and be sure to tighten the screws after installing in place.



2. Installation of aircraft protection frame

Align the protective frame with the position of the aircraft's boom (as shown in the figure) and install and fasten it.

Remote control function description / Operation description



1. Mobile phone hanger
Open the remote control phone holder and clamp the phone.



2. Pair the remote control with the aircraft

Turn on the power switch of the aircraft, place the aircraft on a flat ground, the aircraft indicator light flashes at this time, turn on the power switch of the remote control, push the power control lever to the highest position for 1 second and then put it to the lowest position, the buzzer sounds a prompt, the aircraft indicator light keeps on indicating that the pairing is complete, and you can control it at this time.



3. One-key take-off and One-key landing

Tip: This product is set by barometer. Due to various environmental temperature and other factors, it is normal for the aircraft to show height changes when starting flight or at low voltage.



Must be operated after pairing is completed

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4. Flight control

● Throttle (left stick)



● Rotate left and right (left rocker)



● Forward and backward (right stick)



● Side fly (right stick)



Headless mode direction definition and mode selection

When switching to headless mode, the aircraft will give up its front, back, left, and right directions, and take the aircraft's nose direction (with the camera side) as the forward direction when pairing.

1. Definition of the direction before takeoff: place the aircraft's forward direction directly in front of you (with the camera side), then turn on the remote control to pair and then complete the right headless mode direction definition.

2. Press the headless mode key while flying, the remote controller will continue to make a sound, and the aircraft lights will flash quickly to enter the headless mode; press the headless mode key again, the remote controller will make two sounds to exit the headless mode.

Obstacle avoidance switch



After turning on the aircraft, long press the obstacle avoidance mode button to turn on the obstacle avoidance mode. The aircraft eye light will start to flash slowly, which is the obstacle avoidance mode. Meanwhile Press the obstacle avoidance button briefly to turn it off (the aircraft eye light will not flash at this time)

Speed selection



There are three speeds for forward, backward, and left and right side flight. The remote controller defaults to slow speed when the power is turned on. After pressing the speed key, two sounds are given for mid-range speed, three sounds are for fast speed and one sound returns to slow speed (Recommended for beginners to use slow speed operation)

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One button emergency stop

If an emergency stop is required in case of danger during flight, you can press the emergency stop button briefly as shown in the figure. The aircraft stopped running immediately. Do not attempt to operate this function when the aircraft is flying at high altitude. Otherwise the aircraft will fall quickly.



emergency stop

1. When the aircraft tilt angle exceeds 60 degrees, the aircraft will stop rotating;
2. When the propeller is stuck, it will automatically stop the motor rotation;

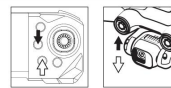


Speed selection

When the novice is operating the aircraft, if the flight is unstable after takeoff and slowly drifts in one direction, the gyro level correction function can be used to correct the aircraft. As shown in the picture on the right, after the start-up pairing is completed, the aircraft is placed on a flat ground, the remote control handle is turned to the right at the same time, the buzzer sounds a reminder and the aircraft light flashes and then lights up, indicating that the calibration is complete.

Camera up and down adjustment

When using drones, the camera direction can be adjusted by adjusting the up and down buttons on the lens



Aircraft calibration and emergency stop

problem	the reason	Approach
The indicator light flashes continuously, no response	The aircraft and remote control are not paired successfully	Please perform pairing again
Nothing happens when the battery is connected	(1) Check whether it is connected correctly or whether the battery has low voltage (2) Whether the positive and negative plates of the battery are in poor contact	(1) Reinstall the battery or charge or replace with a new battery (2) Confirm that the positive and negative polarities of the battery are installed correctly
The motor does not rotate when the throttle stick is pushed, and the indicator light keeps flashing	Aircraft battery is low	Charge the battery or replace it with a fully charged battery
The aircraft is always vibrating	Propeller deformation	Replace the propeller
The aircraft always drifts in one direction	The center point of the gyro on the aircraft is wrong	Recalibrate or restart
The aircraft can't balance after falling	The center point of the gyro on the aircraft is wrong	Recalibrate or restart

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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.