

Aircraft model

快速入门指南

Quick Start Guide

1. 飞机配置信息

Aircraft configuration
information

2. 使用场景

Usage scenarios

3. 装飞机电池

Install an airplane
battery

4. 飞机和遥控器对频

Aircraft and Remote Control
Counterfrequency

5. 飞机和眼镜对频

Airplanes and Glasses
Counterfrequency

6. 起飞检擦

Takeoff inspection

7. 安装螺旋桨

Installing the propeller

8. 飞行注意事项

Flight precautions

9. 飞机维护说明

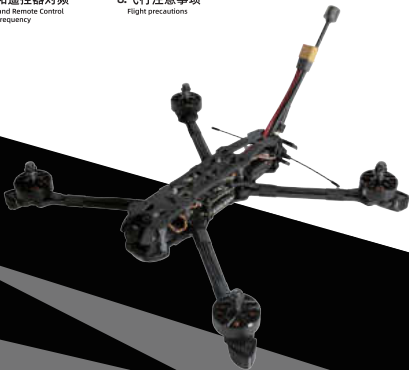
Aircraft maintenance
explain

10. 电池维护说明

Battery maintenance
explain

11. 眼镜维护说明

Glasses maintenance
explain



一.产品简介 Product Introduction

1.飞机配置信息

Aircraft configuration information



1.机架

RACKS

MARK4 7英寸freestyle机架
wheelbase:295mm
机架类型: 宽X型

3.电调 (ESC)

ESC

Hakrc 50A Stack
Drive type:
brushless DC drive

5.图像采集系统

IMAGE ACQUISITION SYSTEM

RunCam Phoenix 2 sp
Image Mode:
Simulates an image

7.遥控链路

REMOTE CONTROL LINK

RLR5 Lora
correspondence
Frequency bands:433MHZ
Flight distance:15km

2.动力系统

DYNAMICAL SYSTEM

Motor:Hawk 2807 1300kv
blade:HQProp 7*483

4.飞行控制器

FLIGHT CONTROLLERS

Flight controller model:
Hakrc FF F405
Firmware type: betafight

6.图像传输系统

IMAGE TRANSMISSION SYSTEM

2.5W 5.8G
Simulated video transmission

8.能量系统

ENERGY SYSTEM

Lithium polymer batteries

2.使用场景



1.娱乐飞行

Recreational flights



2.商业航拍

commerce
Aerial photography



3.任务飞行

Mission flights



4.体育赛事

Sporting events

二.使用说明 Directions for use

1.装飞机电池



将电池用随包装的绑带固定在机架的底板上面，
电池带电源接口的一端朝机尾方向

2.飞机和遥控器对频



遥控器先进入对频模式，连续快速按插飞机电源线
三次（最后一次保持飞机电源接通）确认接收机
指示灯处于蓝灯慢闪状态表示成功进入对频模式，
等待接收机指示灯变为常亮表示对频成功

3.飞机和眼镜对频



先接通飞机电源打开眼镜电源使用眼镜的自动搜频
/手动调整将眼镜的频点调整到和图传的频点一致
查看眼镜屏幕是否有图像画面有连接的图像画面表示
飞机和眼镜对频成功

4.起飞前检查



飞机接通电源并且对频成功后，在未安装螺旋桨的
情况下按下遥控器的解锁开关，目视查看电机是否
工作正常（注意：确认电机旋转方向是否正确）
检查图像传输系统是否正常

5.安装螺旋桨



将螺旋桨取出，根据电机的旋转方向正确将螺旋桨安装
于电机轴上使用防松螺母紧固（注意：安装螺旋桨后
用手转动螺旋桨应该顺畅

6.飞行注意事项



- ① 飞行前检查电池电量
- ② 飞行前检查电磁环境是否存在干扰
- ③ 确保飞行路径没有遮挡障碍物

二.使用说明 Directions for use

1. Aircraft batteries



Place the battery with the straps that come with the package fixed to the base plate of the rack.
The battery is facing one end with the power connector Tail direction

2. The aircraft and the remote controller are linked batteries



The remote control first enters the linking mode,
Quickly plug and unplug the aircraft power cord three times in a row
(Keep the aircraft powered on for the last time)
Confirm that the receiver indicator is in the blue light flashing slowly
Indicates that the linking mode has been successfully entered,
Wait for the receiver indicator to turn solid to indicate successful linking

3. Airplanes and glasses Alignment



Plug in the aircraft first and turn on the glasses.
Automatic frequency search using glasses/
Manual FM adjusts the frequency point of the glasses to
The frequency is the same as that of video transmission
Check if there is an image on the glasses screen
There is a continuous image screen
Indicates that the aircraft and glasses are successfully linked

4. Check before you fly



After the aircraft is powered on and the linking is successful,
Press the unlock switch of the remote control without the spiral prize installed,
Visually check if the motor is working properly
(Note: Confirm that the motor rotation direction is correct)
Check whether the image transmission system is normal

5. Install the propellers



Take the propeller out,
According to the direction of rotation of the motor
Properly mount the propeller on the motor shaft
Tighten with a locknut
(Note: After installing the Spiral Award,
Turning the propeller by hand should be smooth)

6. Precautions for flying



1. Check the battery level before flying
2. Check the electromagnetic environment for interference before flying
3. Make sure the flight path is free of obstructions

三. 保养维护须知 Maintenance instructions

1. 飞机维护说明

Aircraft Maintenance Instructions

- ① 要定期对飞机进行螺丝松紧检查
- ② 不得使用强腐蚀性的溶剂对飞机进行清洗，操作不当会造成电路板和结构件损坏
- ③ 镜头清洗需使用眼镜专用抹布进行擦拭
- ① The aircraft should be checked regularly for screw tightness
- ② Do not use highly corrosive solvents to clean the aircraft, improper operation will cause damage to circuit boards and structural parts
- ③ To clean the lens, wipe it with a cloth designed for glasses

2. 电池维护说明

Battery Maintenance Instructions

- ① 电池长期保存需将电量充至存放电压3.85V左右再进行存放
- ② 软包电池远离火源和尖锐器具，防止发生自燃
- ③ 建议在合理的电池使用环境温度下使用电池以确保发挥其全部性能
- ④ 锂电池需使用专用的平衡充电器进行充电，不得使用未经认证的普通充电器进行充电
- ① Long-term storage of the battery requires charging until storage
The voltage is about 3.85V before storage
- ② Pouch batteries are kept away from fire sources and sharp appliances,
Prevent spontaneous combustion
- ③ It is recommended to use the battery at a reasonable ambient temperature
Use the battery to ensure full performance
- ④ Lithium batteries need to be charged with a special balanced charger.
Do not use a non-certified ordinary charger for charging

3. 眼镜维护说明

Glasses Maintenance Instructions

- ① 未使用时需将眼镜存放至不易受到磕碰的环境，建议使用专用保护背包进行收纳
- ② 图像系统天线避免弯折，容易导致天线损坏
- ③ 建议将眼镜和眼镜供电电池分开存放
- ④ 避免将眼镜存放在潮湿、极端高温和低温的环境中，以保持产品的预期使用寿命
- ① When not in use, store your glasses in an environment that is not easy to be bumped,
and it is recommended to use a special protective backpack for storage
- ② The antenna of the image system is not bent, which can easily
cause damage to the antenna
- ③ It is recommended to store the glasses and the glasses-powered battery separately
- ③ Avoid storing glasses in humid, extreme high and low temperatures,
to maintain the expected service life of the product

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.