

# Q222气底定高多功能四轴

# 使用说明书 INSTRUCTION MANUAL



## Accessories list 配件列表

| Part name: Q222 Upper<br>cover of the casing.<br>零件名称: Q222 机壳上盖   | Part name: Q222Under the cover of the casing 零件名称: Q222机壳下盖           | Part name: Q222Circuit<br>board<br>零件名称: Q222电路板 | Part name: Q222Tripod<br>零件名称: Q222脚架     |
|--|---|--|---|
| Ab Ab  |   |  |   |
| Part name: Q222Carbon<br>fiber spindle<br>零件名称: Q222 碳纤主轴          | Part name: Q222Lithium<br>Battery<br>零件名称: Q222 锂电池                   | Part name: Q222Blade<br>零件名称: Q222风叶             | Part name: Q222Bearing<br>零件名称: Q222轴承    |
| Part name: Q222It turns red and blue line motor 零件名称: Q222 正转红蓝线电机 | Part name: Q222 Reverse black and white line motor 零件名称: Q222 反转黑白线电机 | Part name:Q222Green light<br>零件名称: Q222绿灯条       | Part name: Q222 Red ligh<br>零件名称: Q222红灯条 |
| •  | ***************************************                               |  |   |
| Part name: Q222Tail light<br>panel<br>零件名称: Q222尾灯板                | Part name: Q222 Bearing<br>零件名称: Q222 牙轮                              |  |   |
| 100  | (8)   |  |   |

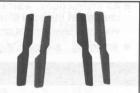
## Standard Accessories 标准配件



Charger x1 充电器x1



3.7V 730mah Li-po battery x 1 锂电池 x 1



Blade x 4 风叶 x 4

## Packaging List 包装清单

| NO | PART NAME               | 零件名称      | QUANTITY |
|----|-------------------------|-----------|----------|
| 1  | Q222 Instruction Manual | Q222使用说明书 | 1        |
| 2  | Q222 Aircraft           | Q222飞行器   | 1        |
| 3  | Charger                 | 充电器       | 1        |
| 4  | Li-po battery           | 锂电池       | 1        |
| 5  | Blade                   | 风叶        | 4        |
| 6  | Remote control          | 遥控器       | 1        |

## Can Be Upgraded Parts 可升级配件



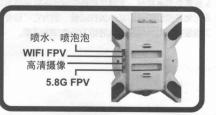
H005 SHOOT WATER H002 5.8G FPV











#### Notice 注意事项

- All instructions, warranties and other collateral documents are subject to change at the sole discretion of our company. For up-to-date product literature, visit http://www.wlmodel.com
- 所有的说明,本公司有权更改担保及其他相关文件的权利,更新的信息请访问http://www.wlmodel.com

### Warning 警告

- Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury. This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.
- 操作前,请阅读整个说明书以便了解该产品的功能。未能正确地操作本产品可能会导致产品损坏,对人身财产造成严重损害。这是一个复杂的模型产品,而不是一玩具。不仅要谨慎操作,还需要具备操作常识和操作基础。若未能安全使用该产品,会毁坏该产品或者对人身,或者对其他财产造成损失。本产品不供没有成人监督下的儿童直接使用。本手册内容包括安全、操作、维护。因此,在装配,安装或使用产品前。我们必须阅读并遵守本手册中所有的提示和警告,以便正确操作,避免造成损伤或严重伤害。

#### Additional Safety Precautions and Warnings 附加安全措施防范和警告

- 1. Age Recommendation: Not for children under 14 years. This is not a toy.
- 2. Always operate your model in open spaces away from full-size vehicles, traffic and people.
- 3. Always carefully follow the directions and warnings for this and any optional support equipment (chargers, rechargeable battery packs, etc.).
- Always keep all chemicals, small parts and anything electrical out of the reach of children.
- Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to electronics.
- 6. Never place any portion of the model in your mouth as it could cause serious injury or even death.
- 7. Never operate your model with low transmitter batteries.
- 1.年龄建议: 不适合14岁以下的儿童, 这不是一个玩具。
- 2.始终在开放的空间操作你的模型,远离车辆、交通和人。
- 3.必须仔细地遵循操作说明和警告,以及任何可选的支持设备。(充电器,可选充电电池等)
- 4.始终保持远离所有的化学品,细小部件跟用电设备需远离儿童接触。
- 5.应避免与水接触,尤其此设备的设计不具备防水功能;水汽也会导致电子产品损害。
- 6.切勿将模型的任何部件放在嘴里,因为它可能会导致严重受伤甚至死亡。
- 7. 当发射机电池电压过低时切勿操作你的模型。

#### Introduction 简介

■ Thank you for choosing Weili product! This is a four-axis aircraft can fly outdoors, in order to make it easier and easier to control the aircraft, please carefully reading this manual before operating this aircraft units, and please keep this manual for future adjustments and maintenance of reference.

感谢您选购伟力产品!这是一台能在室外飞行的4轴飞行器,为了让您更方便,更容易操控飞行器,请您仔细阅读完此说明书,再操作此台飞行器,同时请您妥善保管这本说明书,作为日后调整及维修的参考。

■ Before your first flight, please take the time to carefully read this manual containing important flight information, which will help it your first flight, to become a great course.

在你第一次飞行前,请花时间仔细 阅读本手册含重要的飞行资料,这将有助便您的第一次飞行,成为一次伟大的历程。

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## Warning and the guide of using battery 电池使用警告与向导



with batteries.



Batteries away from flammable materials.



charging Batteries unattended.



damaged Batteries



Never Alter Batteries.



The Battery Charger included with the Q222 has been designed to safely charge the Li-Po battery.

Q222附带的电池充电器可以安全的给聚合物锂电池充电。

CAUTION: All instructions and warnings must be followed exactly. Mishandling of Li-Po batteries can result in a fire, personal injury, and/or property damage.

1. By handling, charging or using the included Li-Po battery you assume all risks associated with lithium batteries.

2. If at any time the battery begins to balloon or swell, discontinue use immediately. If charging or discharging, discontinue and disconnect. Continuing to use, charge or discharge a battery that is ballooning or swelling can result in fire.

3. Always store the battery at room temperature in a dry area for best results.

4. Always transport or temporarily store the battery in a temperature range of 40-120° F. Do not store battery or model in a car or direct sunlight. If stored in a hot car, the battery can be damaged or even catch fire.

5. Never use a Ni-CD or Ni-MH charger. Failure to charge the battery with a compatible charger may cause fire resulting in personal injury and/or property damage.

6. Never exceed the recommended charge rate.

7. Never cover warning labels with hook and loop strips.

注意: 必须严格遵守所有的提示和警告, 不正确处理聚合物电池可能会:

1.导致火灾、导致人生伤害或财产损失。

2.通过处理, 充电或使用包括锂电池, 你承担所有与锂电池相关的风险。

3.在任何时间如果电池开始膨胀,请立即停止使用;如果充电或放电,终止和断开;继续使用,充电或放 电的膨胀电池,可能会导致火灾。

4.电池始终储存在温室下,在干燥的地方以取得最佳效果。

5.始终运输或暂时存放在40~120华摄氏的温度范围内,不要存放在模型车内或直射阳光下;如果在热车中, 电池会被损坏, 甚至着火。

6.切勿使用镍镉或镍氢电池充电器,不兼容的充电器充电电池可能会引起火灾,造成人生伤害和财产损失。

7.电池电压讨低时,千万不要操作你的设备。

WARNING: Only use the charger supplied by our company. Do not use a 12V power supply or property damage and injury could occur.

警告: 充电时建议使用原厂提供的电源充电器,否则会导致财产损失和伤害发生。

Notice: When a Li-Po battery is discharged below 3.7 V, the battery may be damaged and may no longer accept a charge. Please land the helicopter immediately and recharge the flight battery.

注意: 当低于 3 V时, 锂电池可能会被损坏, 或者可能不再接受充电; 飞机飞行时电池电压低于3.3V时,飞行 动力下降明显,请立即降落并且及时给电池充电。

### Battery Charging 电器充电

WLTOYS 1-cell 3.7V Variable Rate DC Li-Po Charger WLtoys 1节3.7V变量控制直流锂电充电器

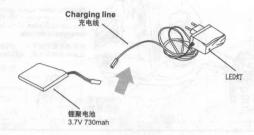
Instructions:

Charged with distribution of UFO special charger. The poly lithium battery plug into the charger jack. As shown below figure.

说明

用伟力配送的飞碟专用充电器充电。将聚锂电池插头,

插入充电器插口。如图所示



Notice: Only use the charger provided by WLtoys

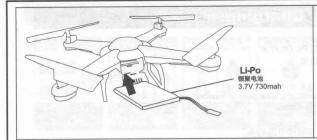
**Notice:** Never attempt to power the charger from an AC outlet without the use of a proper AC to DC adapter/power supply.

注意: 只能使用 WLtoys 提供的充电器 注意: 请勿尝试无任何交流转换直流装置。

## First Flight preparation CAUTION 飞前注意事项

- 1 .Make sure the power is sufficient.
- 2. When the power switch, make sure the throttle stick at the bottom, both sides confirmed the throttle hold switch and pull the stunt mode switch to the back. (After the shell direction)
- Indeed if the same frequency and Aircraft, if an exception on the code again.
- Looking for a suitable venue flight, away from the crowds, cars, high-voltage towers, reservoirs, etc., can be carried out safe and enjoyable flight
- 1.确认电源是否充足。
- 2.打开电源开关时,请确认油门摇杆在最下方。
- 3.确认与飞行器是否同频,如果异常请重新对码。
- 4.寻找一个合适飞行的场地,远离人群、车、高压电塔、水塘等,方可进行安全愉快的飞行。

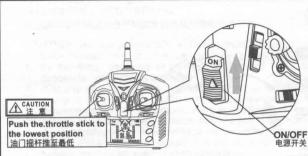
#### BINDING OF RADIO TRANSMITTER AND RECEIVER 遥控器与接收器的对频



#### Step1 步骤1

The spacecraft on a flat position, the Li-po battery icon in accordance with direction pushing people electric socket to position, body LED flashing lights at this time not to move the body, makes the remote controller reads the neutral point of frequency and gyroscope.

将飞行器置于平坦位置后,将Li-po电池依图示方向推 人电插座至定位,机身LED灯闪烁此时不要再移动机身, 使遥控器对频与陀螺仪读取中立点。



#### Step 2 步骤 2

Open the power supply control switch, remote control issued a bit of noise, a few seconds after the end of the fuselage LED noise, at the same time often bright, completes to the code.

打开遥控器电源开关,遥控器发出滴滴的响声, 几秒钟后响声结束,当机身LED常亮,对码完成。



#### Step 3 步骤 3

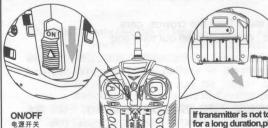
Remove the flight vehicle battery safely at the conclusion of flight .this should be made into a post flight habit to acoid unforeseeable problems.

结束飞行时,请将飞行器电池安全取下,请养成良好习惯以免造成遗憾。

#### ▲ WARNING 警告

Waming: If left connected in the flight vehicle for long duration, the battery may be damaged due to over-discharge, or even become fire hazards.

电池未取下,将导致电池过放电而损坏。 甚至造成起火燃烧的危险。



If transmitter is not to be used for a long duration, please remove the battlery for storage. 长时间不使用时请将遥控器电池取出并妥善保管。

#### Step 4 步骤4

Turn off the transmitter.lf transmitter is not to be used for a long duration,please remove the battery for storage.

关闭发射器电源,长时间不使用时请将遥控器电池取出并妥善保管。

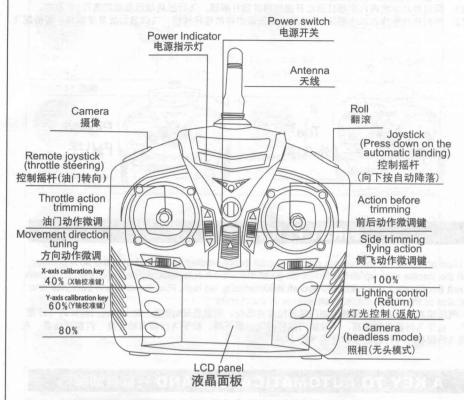
### ▲ WARNING 警告

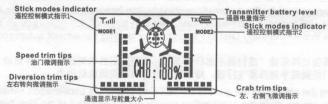
Warning:If the AA batteries are left in the transmitter, potential leakage could occur which may damage the transmitter, and create fire hazards.

电池未取下,将导致电池漏液而损坏遥控器,甚至造成起火燃烧的危险。

#### NOMENCLATURE 遥控器各部位名称

#### 1.Transmitter Chart 遥控器面板外设说明



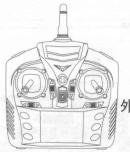


#### AIRCRAFT START 飞行器的启动

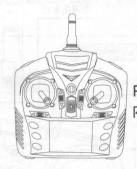
Method 1: while inside or outside the character after character CSC release to unlock the remote control joystick, after the vehicle starts automatically set to about one meter high.

Method 2: At the same toe or character within CSC 1.5 seconds and then release the remote control joystick unlock UFO start after idle rotation, waiting to take off.

方法1: 同时外八字或内八字掰杆后松开遥控器的摇杆解锁,飞行器启动后自动定高到1米左右。 方法2: 同时外八字或内八字掰杆1.5秒后再松开遥控器的摇杆解锁,飞碟启动后怠速旋转,等待起飞。



Toe 外八字



Pigeon 内八字

### FIRST FLIGHT 首次飞行

High pressure set the remote control aircraft throttle rocker not zero, but in the 50% position, push the throttle stick up aircraft rises, let go of the aircraft automatically set high, the drop-down aircraft throttle stick down loosely aircraft automatically set high. Play forward and back, left and right side of the flight stick, aircraft altitude in the current.

气压定高飞行器的遥控器的油门摇杆没有在零位,而是在50%位置,向上推油门摇杆时飞行器 上升,松手飞行器自动定高,下拉油门摇杆时飞行器下降,松手飞行器自动定高。打前进后退、左

右侧飞行摇杆,飞行器在当前高度飞行。

## A KEY TO AUTOMATICALLY LAND 一键自动降落

When you want to drop by the automatic landing button (remote control down the left joystick), the aircraft landed automatically uniform, and automatically turns off the motor power. You can also pull in the end the throttle manually land the aircraft. After landing the aircraft automatically turn off the motor power.

当要降落时按自动降落键(遥控器左遥杆向下),飞行器则自动匀速降落,并自动关闭电机动力。也可以把油门拉到底手动降落飞行器。降落后飞行器自动关闭电机动力。

Note! After landing the aircraft hit the ground too fast may cause the acceleration sensor overload, unable to start the vehicle, then the acceleration sensor to be calibrated at the start before the flight, the remote control rudder amount transferred to 100%, while the two rocker hit to the lower left corner of two seconds, aircraft LED flashes for a few seconds after the long bright, like quasi-complete. If you can not start the vehicle again put the power of the code. 注意! 当飞行器降落速度过快撞击地面后可能会使加速度传感器过载,无法启动飞行器,这时需要校准一下加速传感器才可启动飞行,把遥控器的舵量调到100%,把两个摇杆同时打到左下角2秒,飞行

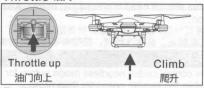
器LED闪烁几秒后长亮,样准完成。如果还不能启动则要把飞行器重新上电对码。

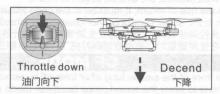
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### First Flight instruction 首次飞行指挥

If you are not familiar with the controls of your Q222, take a few minutes to familiarize yourself with them before attempting your first light. 如果你不熟悉Q222的控制,花几分钟熟悉它们,然后尝试你的第一次飞行。

#### Throttle 油门





#### Rudder 方向



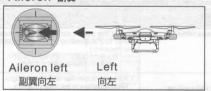


#### Elevator 升降





#### Aileron 副翼





## 3D Rolling 3D翻滚



★The current face of the basic movements are skilled when ou can play some thrilling tumbling action, and then click on any rudder upper right comer of the remote comote control buttons, the remote emits a continuous sound drops, this time into the 3D rollover state then hit the remote control joystick in any direction to achieve 3D tumbling.

★当前面的基本动作都很熟练时就可以玩一些惊险的翻滚动作,再任何舵量按一下遥控器右上 角按键,遥控器发出连续的滴滴响声,此时进入3D翻滚状态,这时打遥控器摇杆任何方实现3D 翻滚,无头模式下不能翻滚。

Automatic return by a button 一键返航

Long press the light control button for 2 seconds, remote control aircraft noise occurring drops, the tail light flashes, the aircraft began to return.

Note!In the use of return; it must be in the code when the aircraft head is placed just before. And when in flight, super control cannot change the direction.

长按灯光控制按键2秒,遥控器发生滴滴响声,飞行器尾灯快速闪烁,飞行器开始返航。

注意!在使用返航时,必须在对码时把飞行器的头朝正前放正。且在飞行时,操控者不能改变方向。

#### CF MODE 无头模式

On the front of the saucer,long after take-off by remote control codes headless mode button for 2 seconds to enter the sound drops headless mode while the remote controller,then press 2 seconds to exit the headless mode. Must be put on the front yard of the aircraft are using a headless mode(red pulp toward the front): Attention! When people can not change the direction of control!

把飞碟放在正前方,对码起飞后长按遥控器无头模式按键2秒进入无头模式同时遥控器发出的 滴滴响声,再长按2秒退无头模式。注意:使用无头模式时必须在对码前把飞机放正

(红桨朝正前方)!操控时人不能改变方向!

## CF MODE X-axis Y-axis calibration 无头模式X轴 Y轴校准

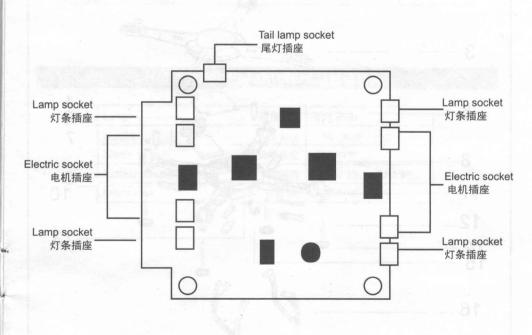
Often by the remote boot on the X-axis calibration button for 3 seconds to enter the code after a good X-axis calibration, this time the body of the UFO LED flashes until all levels of uniform rotation UFO LED light, X-axis calibration is complete, To take up flying saucer vertical Y-axis calibration press button for 3 seconds to enter the Y-axis calibration, LED flashing UFO flying saucer straight vertical uniform rotation ended LED lit, X-axis calibration, the calibration needs Reboot to take effect. UFO has been calibrated at the factory, If deviations follow the instructions above calibration. 开机对号码后常按遥控器X轴校准3秒进入X轴校准,此时飞碟机身上的LED闪烁,水平匀速旋转飞碟直止LED常亮,X轴校准完毕,把飞碟垂直拿起来再按Y轴校准键3秒,进入Y轴校准,飞碟LED闪烁垂直匀速旋转飞碟直止LED常亮,X轴校准完毕,校准后需要重新开机长生效,飞碟出厂时已校准完毕,如有偏差请按上面说明校准。

Troubleshooting Guide 如何排除飞行中的异常

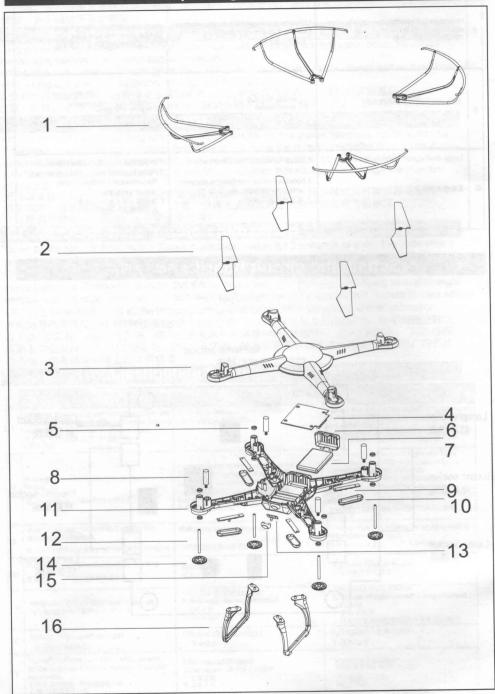
|   | Situation<br>状况  | Cause<br>原因   | Way to deal<br>对策   |
|---|--|---|---|
| 1 | Receiver status LED blinks continuously for more than 4 seconds after helicopter battery inserted. No response to control input. 接上行器电池接收器指示灯持续闪烁, 慢性无反应 | Unable to bind to transmitter.<br>通控器与接收器未对频成功  | Repeat the power up initializing process.<br>(Refer to P.6:Binding of radio transmitter<br>and receiver)<br>请从新执行遥控器与接收板的对频动作<br>(请参阅P.7遥控器与接收器的对频)   |
| 2 | No response after battery is connected to helicopter. 接上飞行器电池后飞行器没有任何反应  | 1.power to transmitter and receiver. 2.Check transmitter and receiver voltage. 3.Poor contact on battery terminals. 1. 检查温控器和接收器是否接通电源 2. 检查温控器和接收电池的电压 3. 电池极片接触不良 | 1.Turn on transmutter and ensure flight vehicle battery is inserted properly. 2.Use fully charged batteries. 3.Re-seat the battery and ensure good contact between battery contacts. 1.打开发射器与输光描入气行器电池至定位 2.使用完全充电充饱的电池 3.从新插入电池。确认电池和电池极片的接触是否正常 |
| 3 | Motor does not respond to throttle stick, receiver LED flashes. 推动油门握杆时马达不转。且接收器指示灯开始闪烁。   | Helicopter battery depleted.<br>飞行器锂聚电池电量不足   | Fully charge the battery, or replace with a fully charged battery. 将电池充电或更换另一个充饱的电池   |
| 4 | Main rotor continue to spin after landing 降落之后,主旋翼仍在旋转未停止  | Unlocked<br>没有上锁  | Fight toe toed or locked<br>打内八字或外八字上领  |
| 5 | Main rotor spins but unable to takeoff.<br>飞行器主旋翼有持续转动但不能起飞  | 1.Rotor deformation 2.Helicopter battery depleted 1. 旋翼变形 2.飞行器电池电量不足   | 1.Replace main blades 2.Charge or replace with a fully charged battery. 1. 更换主旋翼 2. 将电池充电或是更换另一个充饱的电池   |
| 6 | Strong vibration of helicopter<br>飞行器震动得很厉害  | 1.Rotor deformation<br>1.旋翼变形   | 1.Replace the rotor<br>1.更换旋翼   |
| 7 | Tail still off trim after tab adjustment, or inconsistent speed during left/right pirouette. 已调整方向微调,但机身仍会打转, 左旋右旋速度不一致                                  | 1.Damaged tail rotors<br>2.Damaged tail drive motor<br>1. 旋翼变形<br>2. 马达不良   | Replace the rotor<br>Replace the main motor<br>更换旋翼<br>更换主马达  |

| 8 | Helicopter still wonders forward after trim<br>adjustment during hover.<br>飞行器会往前或往后偏移 | 1.Elevator servo not level during power up. 2.Elevatoer pushrod too long or too short. 陀螺仪中点不对。                | The boot will lift fine-tune the normalized neutral point, the new boot. 开机后将升降微调归中立点,从新开机。   |
|---|--|--|---|
| 9 | Can not fly the aircraft fall<br>飞行器跌落后飞不起来  | 1. motor fall out<br>2. gear loosen<br>1. 电机脱落<br>2. 牙轮松脱  | 1、install the motor again<br>2、tighen the gear<br>1、从薪姜回电机<br>2、把牙轮装紧   |
| 0 | Large deviations headless mode 无头模式偏差较大  | 1 partial release of the aircraft when the code 2 headless mode interference disorder 1. 对码时飞行器放偏 2. 无头模式受干扰错乱 | 1 to put the aircraft on time codes are 2 Refer to (calibration headless mode) Recalibration headless mode 1. 对码时飞行器要放正 2. 请参照(无头模式的校准)重新校准无头模式 |

## Schematic circuit board 电路板示意图



## Exploding View 爆炸图



## Parts List 零件清单

| NO | PART NAME            | 零件名称. | QUANTITY |
|----|----------------------|-------|----------|
| 1  | Protective ring      | 保护圈   | 4        |
| 2  | Main fan             | 主风叶   | 4        |
| 3  | Upper cover          | 上盖    | 1        |
| 4  | Receiver board       | 接收板   | 1        |
| 5  | Bearing              | 轴承    | 8        |
| 6  | Battery cover        | 电池盖   | 1        |
| 7  | Battery              | 电池    | 1        |
| 8  | Electric machinery   | 电机    | 4        |
| 9  | Light Bar            | 灯条    | 4        |
| 10 | Lampshade            | 灯罩    | 4        |
| 11 | Lower cover          | 下盖    | 1        |
| 12 | Carbon fiber spindle | 碳纤主轴  | 4        |
| 13 | Tail light plate     | 后灯板   | 1        |
| 14 | Cone                 | 牙轮    | 4        |
| 15 | After the lamp shade | 后灯罩   | 1        |
| 16 | Tripod               | 脚架    | 2        |

## Helicopter Parameters飞行器参数

| Length                | 对角长度 | 375 mm           |
|-----------------------|------|------------------|
| Height                | 高度   | 58 mm            |
| Blade length          | 风叶长度 | 136 mm           |
| Battery Specification | 电池规格 | 3. 7V 730 mAh230 |
| Flight time           | 飞行时间 | 7-8min           |
|                       |      |                  |

## Mini 5 8G FPV manual 迷你5.8G FPV使用说明书

#### 1. 特点说明 Feature

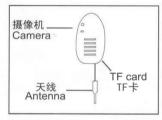
本产品使用5.8G传输系统, 传输距离100米左右. 抗干扰强效率高, 安装方便, 无需调试. 采

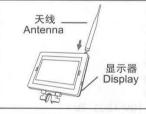
用720P高清摄像头, 4. 3寸大屏幕显示器. This product uses 5.8G transmission system, the transmission distance is about 500 meters high anti-jamming efficiency, easy installation, no commissioning. Using 720P HD camera, 4.3-inch large-screen display.

#### 2. 功能说明 Function

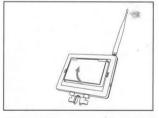
1. 把显示器,摄像机按图示安装到飞行器上,飞行器上电摄像机蓝色LED灯亮。几秒钟 后显示器显示出摄像机传出的图像。

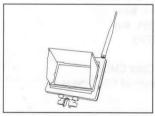
Place the monitor, video camera mounted on the aircraft shown in the illustration, the aircraft electric blue LED camera lights. A few secondsAfter the display shows the outgoing camera image.

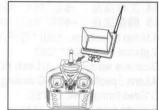


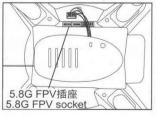


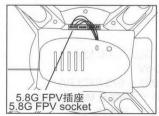














- 2. 摄像: 飞碟对好码后, 摄像头插入TF卡, 按动遥控器上的摄像键开始录相, 此时显示器开始记录录像时间, 再按一下摄像键退出录像并保存. 按动照相键和相机拍照,并制定保存。Camera: insert TF card inside UFO good camera, press the button to start the video camera on the remote control, then start recording video time display, press the camera key to exit and save the video and press the camera button. camera to take pictures and develop saved.
- 3. 注意: 在强光的天气使用时要把遮光板安装到显示器上面, 以免看不清图像.

Note: When using a light weather should install the monitor above the visor, so see images.

3. 充电 Charging

用产品附带的USB给显示器充电, 充电电流300-400MA, 充电时间2小时, 使用1个小时左右. 充电时显示器要关闭电源开关.

Used to display products included USB charging, the charging current 300-400MA, charging time is 2 hours, the use of one hour or so. While charging the monitor to turn off the power switch.

#### 4. 主要参数The main parameters

- 1. 视频解晰度: 1280\*720P/30FPS
- 2. 拍照像素1600\*1200
- 3. 摄像头感光芯片: 1/4 inch HD Color CMOS
- 4. 镜头规格: 5G 可视角度120度
- 5. 视频制式: PAL/NTSC
- 6. 图像区域: 3888um\*2430um
- 7. 视频输出: 1. OVp-p/75 Ω
- 8. 信噪比: 38db
- 9.5.8G接收灵敏度: -90dbm
- 10. 摄像模块工作电压: DC3. 7V
- 11. 摄像模块功率消耗: 200MAH ±10%
- 12. 显示器工作电压: DC3. 3-5V
- 13. 显示器功率消耗: 620MA ±10% (DC3. 7V)
- 14. 工作温度: -5°C~55°C RH95% Max
- 15. 储存温度: -40℃~85℃ RH95% Max
- 1.Video Resolution: 1280 \* 720P/30FPS
- 2.photos Pixel 1600 \* 1200
- 3.camera sensor chip: 1/4 inch HD Color CMOS
- 4.Lens Specifications: 5G viewing angle of 120 degrees
- 5. Video format:. PAL / NTSC
- 6.image area: 3888um \* 2430um
- 7. Video output: 1.0Vp-p/75Ω
- 8.SNR: 38db
- 9.5.8G receiver sensitivity:-90dbm
- 10.camera module working voltage:. DC3.7V(DC 12V)
- 12.monitors working voltage: DC3.3-5V
- 13. Monitor Power Consumption: 620MA ± 10% (DC3.7V)
- 14. Working temperature:. -5 °C ~ 55 °C RH95% Max
- 15.Storage temperature: -40 °C ~ 85 °C RH95% Max

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