

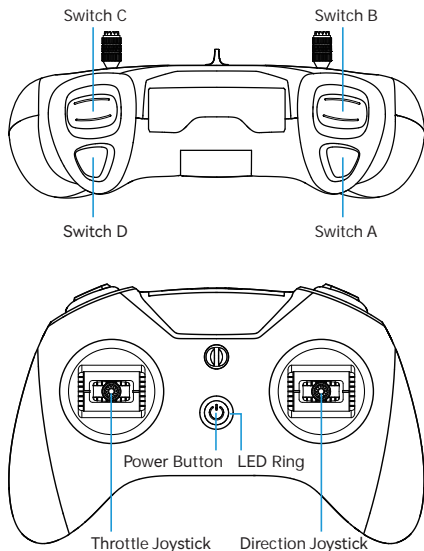
LiteRadio 3 Radio Transmitter

— BETA FPV Configurator Supported —

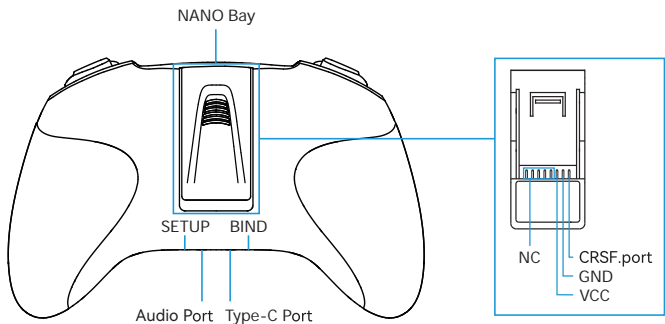
LiteRadio 3 is a remote control radio transmitter designed primarily for RC models, including multicopters, airplanes. It gives you more than you ever thought possible from an entry level 8-channel radio.

- 8 channels in total.
- USB Joystick support for most practice simulator.
- Nano module bay for external RF TX module.
- New designed joystick gimbal for longer usage life.
- Support BETAFPV Configurator for updating, configuring and tuning.
- Provide ExpressLRS 2.4G protocol version and CC2500 version for option.
- Built-in 2000mAh battery and USB charge supported.

The front side of the radio transmitter.



The back side of the radio transmitter.



1.Button Functions

There are three buttons on LiteRadio 3 radio transmitter.

- Power Button: Turn the radio transmitter off/on.
- BIND Button: Enter binding mode after radio transmitter is powered on.
- SETUP Button: Enter joystick calibration mode after radio transmitter is powered on.

2.Power On/Off

POWER ON: Long press the power button on the radio transmitter for 3 seconds until it beeps three times (do re mi) then release. The radio transmitter LED ring will flash red quickly, then remain blue.

POWER OFF: A long press of the power button on the radio transmitter will turn it off after three beeps (mi re do).

3.LED Indicator and Buzzer

The LED ring indicates the working status of the radio transmitter.

State of the LED Ring	Reason	Solution
Red light solid on	The throttle joystick or switches are not in the lowest	Lower throttle and switches to the lowest position. Turn to blue then.
Red light flashing quickly	The radio transmitter is binding	Wait for completing binding
Blue light flashing slowly	Battery reaches the low voltage limit	Charge the transmitter
Red light breathes slowly	On charging	
Green light breathes slowly	Charge complete	

The buzzer will alarm twice, indicating a low battery that needs to be re-charged.

4. Binding the Receiver

There are the steps to make the LiteRadio 3 enter binding status.

1. Power on the remote control radio transmitter and wait for its system to load completely. LED ring is solid blue.
2. Enter receiver's binding mode, and wait for it to bind with the radio;
3. Press the bind button on the bottom of the transmitter to enter binding status. The LED ring will be red and flash quickly.
4. The LED ring will change to solid blue 5 seconds later when transmitter exits binding status. If not bind successfully, repeat the process above.

5. Switching Protocol

Note: Switching internal protocol is only available for CC2500 version radio transmitter. ExpressLRS version can only switch to the external TX module.

The CC2500 version could support 4 different internal protocols, including Frsky D16 FCC, Frsky D16 LBT, Frsky D8 and Futaba S-FHSS, it also supports. The protocol is indicated by the flashing times of the LED when power on, before the buzzer alarms.

Cc2500 Version

LED Status	Protocol Version
Red Flash once	Internal Frsky D16 FCC (ACCST 1.X Version)
Red Flash twice	Internal Frsky D16 LBT (ACCST 1.X Version)
Red Flash Three Times	Internal Frsky D8
Red Flash Four Times	Internal Futaba S-FHSS
Purple Flash Three Times Quickly	Internal TX Module Off and Run External TX Module

ExpressLRS Version

LED Status	Protocol Version
Red Flash once	Internal ELRS
Purple Flash Three Times Quickly	Internal TX Module Off and Run External TX Module

To change protocols and TX module, here are the steps:

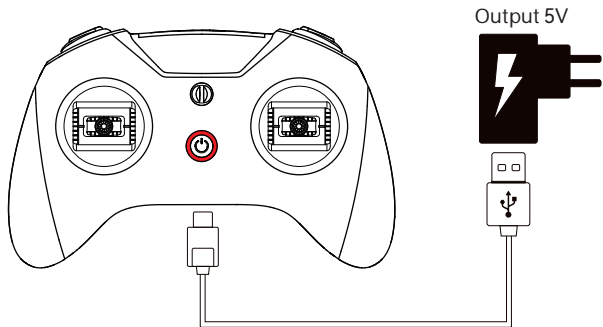
1. Power the radio transmitter off;
2. Press and hold the BIND button while power the radio transmitter back on;
3. Then the flash color and times of the LED before buzzer alarms will change, according to the tables above.

Note: LiteRadio 3 CC2500 version only work with D16 ACCST 1.X Frsky protocol. So if you use a Frsky receiver with D16 ACCST 2.X version or ACCESS version, binding will fail.

6.Charging

LiteRadio 3 radio transmitter has a built-in 2000mAh battery. When the red light flashes twice and the buzzer alarms twice, indicates that radio transmitter is low battery and needs to be re-charged. Below charging method for reference:

- Turn off the radio transmitter.
- Plug in radio transmitter with adapter by USB cable (5V output adapter is allowed).
- The LED ring breathes in red means charging, while in green means fully charged.

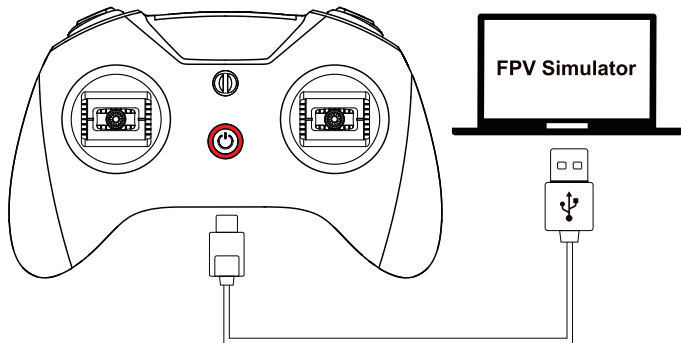


Type-C Data Cable

The continue working time for full charged battery is about 15 hours.

7.HID Joystick

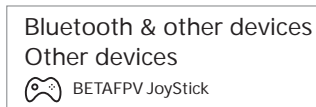
It is the safest and quickest method to get started by using model practice simulator for starters. LiteRadio 3 radio transmitter supports most of simulators on market with comprehensive configuration.



Type-C Data Cable

Operation steps below:

- Turn off radio transmitter.
- Connect the transmitter to computer via USB data cable. Wait for the LED ring breathes in red or green.
- Install driver from PC automatically, prompt box pops up after successful installation. Then, radio transmitter works as joystick human interface device (AKA HID device) normally.



User needs to manually install driver if PC doesn't install automatically or installed incorrectly.

DO NOT power on the transmitter first and connect it to the PC. The USB port is invalid in this situation.

8. Joystick Calibration

The joystick data may offset after it has used for a period of time (if joysticks is hit by physical). User need to re-calibrate joysticks based on following steps.

- After powering on, press SETUP button on the back of remote control radio transmitter, it hears two "Bee Bee" sounds, and red LED flash quickly (two flashes each time), which means remote control radio transmitter entered calibration mode.
- Move throttle joystick and direction joystick to middle position, press SETUP button again, wait until the buzzer beep three "Bee Bee Bee" sounds, red LED light flashes quickly (two flashes each time), which indicates joystick data has been acquired and enter into the boundary value calibration mode.
- Toggle the joystick to move to the top, bottom, left, and right joystick boundaries

respectively (do not to press too hard, the joystick just needs to touch the boundary) and keep the position for 1-2S, then press the SETUP button one more time, we can hear a long beeping sound (about 3 seconds) from the buzzer again, and the red LED light stops flashing, indicating that the calibration of the joystick is completed.

9.BETA FPV Configurator

BETA FPV Configurator is utility designed to simplify updating, configuring and tuning the radio transmitter.

Download address: https://github.com/BETA FPV/BETA FPV_Configurator/releases

How to enter the radio transmitter configuration page:

- Turn off the radio transmitter.
- Connect the transmitter to computer via USB data cable. Wait for the LED ring breathes in red or green.
- Open the BETA FPV Configurator program in your computer and switch to the configurator page for radio transmitter.
- Click the "Connect Radio Controller" button on the top right of the page.

How to recognise if your radio transmitter supports the BETA FPV Configurator?

Remove the cover on the back of the transmitter and there is a label, comes with "BETA FPV Configurator Supported".

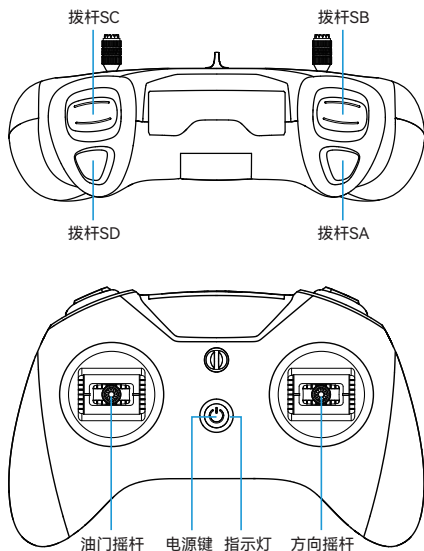
DO NOT power on the transmitter first and connect it to the PC. The USB port is invalid in this situation.

LiteRadio 3遥控器是一款模型进阶需求的遥控器。BETA FPV LiteRadio系列遥控器从2020年发布以来，成为深受广大模型爱好者喜欢的手柄遥控器之一。

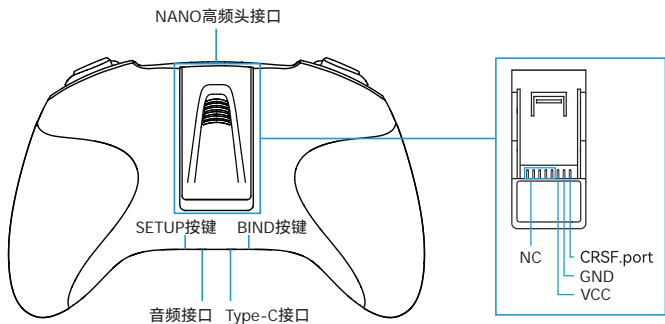
LiteRadio 3作为该系列中新的成员，将带来更多更新的功能。

- 支持8通道；
- USB Joystick模式支持绝大部分模型模拟器；
- 支持外接Nano高频头扩展；
- 使用新版本高寿命的电位器摇杆；
- 支持BETA FPV Configurator上位机调参和升级；
- 提供ExpressLRS 2.4G协议版本，CC2500版本供客户选择；
- 内置2000mAh电池，支持USB充电。

LiteRadio 3遥控器正面如下图所示。



LiteRadio3遥控器背面如下图所示。



1.按键功能介绍

遥控器上有3个按键，其功能如下：

- 开机键：长按开机/关机。
- BIND键：遥控器开机状态，短按后遥控器进入对频模式。
- SETUP键：遥控器开机状态，短按后遥控器进入摇杆校准模式。

2.开机/关机

- 关机状态下，长按遥控器电源键3秒，直至听到蜂鸣器发出三声响（do re mi），同时红色LED灯亮起，然后变成蓝色常亮，遥控器开机成功。
- 开机状态下，长按遥控器电源键3秒，直到听到蜂鸣器发出三声响（mi re do），同时红色LED灯快速闪烁，遥控器关机成功。

3.LED提示灯和提示音

遥控器开关按键下有一颗RGB LED提示灯，用于提示遥控器的常见状态。

指示灯状态	状态说明	解决办法
红色常亮	开机时油门杆不在最低位	将油门杆拨到最低位
红灯快闪	处于对频过程中	等待对频完成
蓝色慢闪	电池电压过低	给遥控器充电
红灯渐变闪烁	充电中	
绿灯渐变闪烁	充电完成	

遥控器内置了一个蜂鸣器，当它“滴滴”两声时，说明电量过低，需要给遥控器充电。

4. 遥控器绑定接收机

在开机状态下，按下遥控器底部的BIND按键，遥控器将进入绑定状态，该过程为持续5秒的红灯闪烁，待停止闪烁后，绑定过程结束。

1. 遥控器开机，确保LED灯环处于蓝色常亮；
2. 使接收机进入对频状态，等待与遥控器对频；
3. 按一下遥控器底部的BIND按键，遥控器正面的LED灯会呈现红色闪烁，此时遥控器进入时间为5秒的对频状态；
4. 5秒之后遥控器自动退出对频状态，LED灯变为蓝色常亮，检查遥控器是否对上接收机；如果没有，请重复上面第3步操作。

5. 遥控器协议查看与切换

注意：内置协议切换只适用于CC2500版本遥控器。ExpressLRS协议遥控器，内置协议不可以切换。

关机状态下，按电源键开机，在BB响发出声音之前，可以看到LED闪烁，闪烁颜色及次数代表当前发射模块及协议版本，具体如下：

CC2500版本遥控器

灯光颜色及闪烁次数	发射模块及协议版本
红灯闪烁一次	内置 Frsky D16 FCC (ACCST 1.X 版本)
红灯闪烁两次	内置 Frsky D16 LBT (ACCST 1.X 版本)
红灯闪烁三次	内置 Frsky D8
红灯闪烁四次	内置 Futaba S-FHSS
紫灯快速闪烁三次	内置发射模块关闭, 外置发射模块开启

ExpressLRS协议遥控器

灯光颜色及闪烁次数	发射模块及协议版本
红灯闪烁一次	内置 ELRS
紫灯快速闪烁三次	内置发射模块关闭, 外置发射模块开启

如何切换协议:

在关机状态下, 先按住遥控器底部的BIND按键, 同时按电源键开机, 此时LED灯颜色和闪烁次数将发生变化, LED灯闪烁完毕协议即切换成功, 其闪烁次数表示下次开机的协议版本。

注意: LiteRadio 3 CC2500版本只能够支持D16 ACCST 1.X版本的协议。如果使用Frsky官方接收机, 且该接收机为D16 ACCST 2.X或者ACCESS协议, 则无法对频连接使用。

6. 低电量警报及充电

遥控器已经内置了2000mAh的电池, 无需再外接电池。当红灯闪烁两次, 同时蜂鸣器“滴滴”两声, 表示遥控器电池电量较低, 需要重新充电。充电方式如下:

- 关闭遥控器;
- 使用USB线连接遥控器和适配器 (5V输出的适配器即可, 例如手机充电器);
- 红灯渐变闪烁, 表示正在充电中; 绿灯渐变闪烁, 表示充电结束。



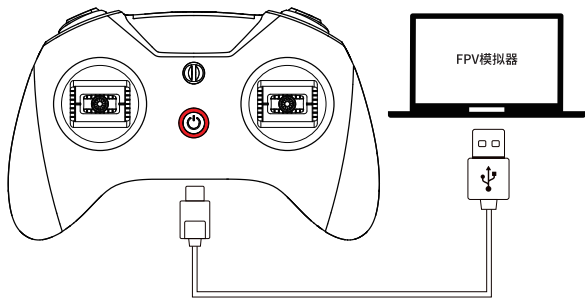
Type-C数据线

电池充满，可以连续使用 15小时左右；

电池充满，关机放置，可以保证 30天电池电量仍保持在80%左右。

7.HID Joystick模式使用

在连接个人电脑后，LiteRadio 3遥控器可作为USB游戏手柄使用，可以用来练习模型模拟器。具体步骤如下：



Type-C数据线

- 遥控器关机；
- 使用一根USB数据线连接遥控器和PC电脑，遥控器LED变为红色或者绿色渐变闪烁；

- PC会自动安装驱动，驱动安装成功后弹出提示框，说明电脑已经成功识别到此遥控器并可以正常使用。

 正在设置设备
正在设置“BETAFPV JoyStick”。

其他设备



BETAFPV JoyStick

若无法正常识别出遥控器，则可能是电脑没有自动安装驱动，或者识别了错误的驱动程序，需要重新安装驱动。

注意：遥控器开机状态下连接到电脑，USB口无信号输出，无法使用Joystick功能。

8.摇杆校准

遥控器在使用一段时间之后，例如摇杆受到较重的物理撞击，可能会出现摇杆值发生偏移的情况。这个时候可以通过校准摇杆值，确保其摇杆值处于中位。

- 在开机状态下，按一下遥控器背面的SETUP按键，待听到蜂鸣器持续的发出滴滴声（2声），同时红色LED快速闪烁（每次闪烁两下），表示进入校准模式。
- 将两边的摇杆都移动至中间位置，再次按一下SETUP按键，待蜂鸣器持续发出滴滴声（3声），同时红色LED灯快速闪烁（每次闪烁两下），表示摇杆中值已经校准完毕，并进入边界值校准。
- 拨动摇杆，分别移动到正上、正下、正左、正右摇杆边界，（注意不要刻意大力按压，摇杆接触到边界即可）并在边界处停留1-2S，完成后再次按下SETUP键，再听到蜂鸣器发出一声长时间滴声（大概3秒），且红色LED灯停止闪烁，表示摇杆校准完毕。

9. BETA FPV Configurator 基本使用

BETA FPV Configurator可以用来对飞控或者遥控器进行参数配置，固件升级。

下载地址：https://github.com/BETA FPV/BETA FPV_Configurator/releases

如何进入遥控器参数配置页面：

- 遥控器关机；
- 用USB数据线将遥控器连接到电脑，LED灯红色或者绿色渐变闪烁，遥控器被识别为HID设备；
- 打开BETA FPV Configurator，切换到遥控器配置程序页面；
- 点击右上角“连接遥控器”按钮，进入遥控器参数设置页面。

注意：遥控器开机状态下连接到电脑，USB口无信号输出，无法使用BETA FPV Configurator。

可以进行的配置内容包括：

- 切换摇杆模式（即日本手、美国手）；
- 射频模块的配置（开启关闭内置、外置射频模块）；
- ExpressLRS系统参数配置（射频模块为ExpressLRS系统时有效）；
- 各通道的混控，微调等切换。

如何判断手里的遥控器是否支持BETA FPV Configurator上位机调参？

- 取下遥控器的Micro接口后盖，可以看到有一张铭牌，上面写着BETA FPV Configurator Supported。

注意：老版本遥控器无法使用BETA FPV Configurator上位机调参。



Instagram



Facebook



Youtube



BETAFPV



免责声明与安全操作指南

Disclaimer and Safety Guidelines

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免责声明与警告

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本产品的文档如有更新，恕不另行通知。请访问 <https://betafpv.com/> 了解最新信息。

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使用须知

遥控器

1. 每次飞行前，确保遥控器电量充足。
2. 如更换遥控器，需要重新对频。
3. 切勿遮挡或覆盖遥控器内置天线，以获得最佳的信号效果。

飞行器

1. 每次飞行前，确保飞行器电量充足。
2. 螺旋桨是否正确、稳固安装。
3. 电池是否安装并连接稳固。

电池

1. 充电时必须使用符合规格的充电器。
2. 请勿在无人看顾的情况下充电。
3. 请勿过充。
4. 请勿短路(正负极接反)。
5. 请在0-45°C范围内充电。
6. 充电时，请注意充电的桌面或平台可耐热耐高温，充电时，有条件地选择在水泥地上或者装满泥沙的花盆中充电。
7. 在任何时候，都不能让电池电芯过热。电芯在温度高达60°C后，会存在安全隐患，甚至是燃烧。
8. 在充电时，电池不可接近或者直接放置在易燃物品如：纸张、塑料、地毯、乙烯、皮革、木材，或者直接放在设备中充电。
9. 请勿过放（每片电芯放完电的电压不低于3.3V），过放易损伤电池，如鼓胀。
10. 请勿将电池液溅到眼睛或者皮肤，如不慎溅到，请立即用清水清洗，严重者请立即就医。
11. 请勿任意拆开电池重组或者改变接线，请勿直接接触有漏液现象的电池。
12. 请勿私自组装电池，将旧电池电芯拆开重组、或者将拆开后的某一片电芯与另外一组电池重组的行为都是危险的(无专用的组装仪器易引起短路燃烧)。
13. 如在使用中发生碰撞，请将电池取出，请仔细检测电池以及连接器是否正常，以防万一。

注意：电池有可能高温烫手!

飞行警告

1. 恶劣天气下请勿飞行，如大风，下雪、下雨、有雾天气等。
2. 选择开阔、周围无高大建筑物的场所作为飞行场地。大量使用钢筋的建筑物会影响信号工作，干扰飞行，建议飞行器与建筑物、电线杆、障碍物等保持10m以上距离。
3. 飞行时，请保持在视线内控制，远离障碍物、人群、水面等，避免在人员密集处飞行。
4. 请勿在有高压线，通讯基站或发射塔等区域飞行，以免受到干扰。
5. 请勿在移动的物体表面起飞(例如行进中的汽车、船只)。
6. 请勿在易燃易爆的环境中使用飞行器。
7. 切勿接触工作中的螺旋桨，否则可能受到严重人身财产损害。

法律规范

警告

为避免违法行为，可能的伤害和损失，务必遵守以下各项：

1. 禁止将飞行器进行任何改装或用于其他非法用途。
2. 切勿在载人飞机附近飞行，必要时立即降落。
3. 禁止在大型活动现场使用飞行器。这些场地包括但不限于：体育比赛场馆、演唱会。
4. 切勿在当地法律禁止的区域飞行。
5. 确保飞行器飞行时不会对航线上的大型载人飞行器造成影响，时刻保持警惕，并躲避其他飞行器。

小心

为避免违法行为，可能的伤害和损失，务必遵守以下各项：

1. 禁止操控飞行器进入法律法规规定的禁飞区，禁飞区包括但不限于：机场、边境线以及主要城市和临时举行活动区域。
2. 禁止在超过限定高度的空域飞行。
3. 确保飞行器在您的视距范围内飞行，若有必要可安排观察员帮助您监控飞行器位置。
4. 禁止使用飞行器搭载任何违法危险物器。

注意

1. 确保您已清楚了解飞行活动的类别（例如：娱乐、公务或商务），在飞行前务必获取相关部门颁发的许可证。如有必要，可向当地政府主管部门咨询飞行活动类别的详细定义说明。请注意，在某些地区和国家禁止使用飞行器进行任何形式的商业行为。
2. 禁止在敏感建筑设施，例如：发电站、水电站、监狱、交通要道、政府大楼以及军事设施附近使用飞行器。

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Disclaimer and Warning

Disclaimer

This product is a multi-rotor aircraft, equipped with powerful motors and sharp propellers, has fast flight speed, but also has a certain hazard when operating, need to be used with caution.

This product is not a toy and requires some basic knowledge to control, so please pay special attention to the warnings and cautions before you start using it. BETAFPV reserves the right to update this Disclaimer.

By using this product, you are deemed to have understood, acknowledged and accepted all of the terms and conditions of this document and you undertake to be responsible for your own actions and all consequences arising therefrom. You undertake to use this product only for legitimate purposes and agree to all of the terms and conditions of this document and any related policies or guidelines that BETAFPV may establish.

BETAFPV reserves the right to update this disclaimer and the safety guidelines. Visit <https://betafpv.com/> for the latest version.

Individual Parts

Remote Controller

1. Make sure remote controller batteries are fully charged before flight.
2. It is necessary to be re-bind if the remote controller has been replaced.
3. DO NOT block or cover the built-in antenna of the remote control for a strong antenna reception.

Aircraft

1. Make sure aircraft batteries are fully charged before flight.
2. Make sure propellers are in good condition and mounted onto the motors correctly and securely.
3. Make sure the battery is mounted securely.

Battery

1. Only use a battery charger that meets the specifications when charging.
2. Never leave while battery is in charging process. Do not charge the battery unattended.
3. Do not over charge the battery.
4. Do not short circuit the battery. Make sure the wire connection polarity is correct.
5. Do not charge/discharge battery at of recommended temperature range (Charge: 0 to 45°C).
6. Always place the battery in a fire resistant surface or fire safety container alone when charging/discharging. The middle of a cement driveway is a good example of a safe location.
7. Do not allow LiPo cells to overheat at any time. Cells which reach greater than 60°C will usually become damaged and will catch fire.
8. Do not charge/discharge battery inside house, garage, vehicle, building and away from any combustible material.
9. Do not over discharge the battery. Do not discharge a battery pack to a level below 3.3V per cell.
10. Do not allow the electrolyte to get into eyes or on skin. Wash affected areas immediately if they come into contact with electrolyte. Do not alter or modify connectors or wires of a LiPo battery pack. Do not have contact with a leaky/damaged battery directly.
11. Do not assemble LiPo cells or pre-assembled packs together with other LiPo cells or packs.
12. Inspect batteries if crash, battery should be placed in a safe area for observation for at least 30 minutes after crash.

Caution: The battery may be in high temperature!

Flight Condition Requirements

1. Do not fly in severe weather conditions including strong wind, snow, rain, fog, etc.
2. Only fly in open areas without tall buildings and large metal structures around. Buildings with a large number of concrete irons will affect the signal and interfere with the flight. It is recommended to fly at least 10m away from buildings, poles, obstacles, etc.
3. When flying, please keep control within sight and away from obstacles, crowds, water, etc.
4. Please do not fly in areas with high voltage lines, communication base stations or transmission towers to avoid interference.
5. Do not take off from moving objects, such as cars and ships.
6. Do not use the aircraft in an environment at risk of a fire or explosion.
7. To avoid injury, stay away from rotating propellers or motors.

Regulations

WARNING

To avoid non-compliant behavior, serious injury, and property damage, observe the following rules:

1. DO NOT modify the aircraft or use the aircraft for other illegal purposes.
2. DO NOT operate in the vicinity of manned aircraft, regardless of altitude. If necessary, land immediately.
3. DO NOT fly the aircraft in areas where the large events are being held, including but not limited to sporting events and concerts.
4. DO NOT fly the aircraft in areas prohibited by local laws.
5. Remain well clear of and DO NOT interfere with manned aircraft operations. Be aware of and avoid other aircraft and obstacles at all times.

CAUTION

To avoid non-compliant behavior, serious injury, and property damage, observe the following rules:

1. DO NOT fly the aircraft near or inside restricted zones specified by local laws and regulations. Restricted zones include, but are not limited to, airports, borders between two sovereign countries or regions, major cities, and areas where temporary events or activities are being held.
2. DO NOT fly the aircraft above the authorized altitude.
3. Make sure to keep your aircraft within VLOS, and use an observer to assist if needed.
4. DO NOT use the aircraft to carry illegal or dangerous payloads.

NOTICE

1. Make sure you understand the nature of your flight operation (such as for recreation, for public use, or for commercial use) and have obtained corresponding approval and clearance from the related government agencies before flight. Consult with your local regulators for comprehensive definitions and specific requirements. Note that remote controlled aircraft may be banned from conducting commercial activities in certain countries and regions.
2. DO NOT fly around sensitive infrastructure or property such as power stations, water treatment facilities, correctional facilities, heavily traveled roadways, government facilities, and military zones.

Export Controls

Comply with Applicable Export Control Laws

You are advised that export, re-export, and transfer of the Products are subjected to Chinese export control law and other applicable export control laws and sanctions (hereafter collectively referred to as "Export Control Laws"). Prior to your use, sale, transfer, rental, or other conduct related to the Products, unless permitted by the Export Control Laws or with the license issued by competent authorities, you shall in particular check and guarantee by appropriate measures that:

1. There will be no infringement of an embargo imposed by the Export Control Laws;
2. The Products will not be provided to the entities, persons, and organizations listed in all applicable sanctioned party lists;
3. It is only for civilian use, and it is forbidden to directly or indirectly use BETAFPV products for or related to the following content (1) any military combat purpose or military combat-related purposes; (2) terrorist activities; (3) other criminal acts. The purchaser shall also require its customers or users to comply with the aforementioned requirements.

Export Compliance, Disclaimer & Indemnity

You acknowledge it is your responsibility to comply with Chinese export control law and any other applicable export control laws. You shall solely be responsible for the legal responsibility if any of your use, sale, transfer, rental or other conduct related to the Products fail to comply with the applicable export control laws, BETAFPV shall, in no circumstances, be responsible for your violation of any applicable export control laws. Furthermore, you shall indemnify, defend, and hold harmless BETAFPV, its affiliates, directors, officers, employees, agents, and representatives, from and against any and all claims, demands, suits, causes of action, expenses (including reasonable attorneys' fee), damages, losses, or liabilities of any nature whatsoever, arising from, or allegedly arising from, or related to, your failure to comply with applicable export control laws.

Compliance Information

FCC STATEMENT

This equipment 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 interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 radiated 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.

FCC Radiation Exposure Statement

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

- This radio is designed for and classified as "General population/uncontrolled Use", the guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The exposure standard for wireless radio employs a unit of measurement known as the Specific Absorption Rate, or SAR, the SAR limit set 1.6W/kg.
- Body-worn operation; this device was tested for typical body-worn operations with the Front of the Transmitter kept 0mm for body worn. To maintain compliance with RF exposure requirements, use accessories that maintain a 0mm for body worn. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.
- The highest reported SAR value for worn on the body is 0.689 W/kg .

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