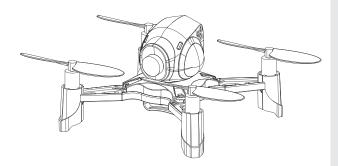
DIY RACING DRONE **MANUAL**



Thank you for choosing our product Please read the manual carefully before use.

Important Notices:

1. The product adopted gyroscope technology is a four-axis drone, is able to fly in small space or out doors. This drone shows outstanding flying perfor mance when the wind speed is less than 18 mph. 2.Radio frequency 2.4GHz is used by this drone, which enlarged the control range and make it pos sible to fly the drones by multipilot without any interference. The drone has four-channel basic functions:move forwards/backwards,bend left/right. turn left/right,360° flip and fight against function. 3. For safe flying, please read the manual complet ely before using. Package and manual should be reserved for referring.

SAFETY RULES

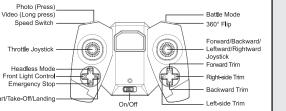
Video (Long press)

- In order to avoid accidents, please put all small parts of the drone away Push up the throttle joystick of the transmitter slowly to avoid accidentally
- After flying, it is necessary to turn off the power of the drone and the remote
- Please do not put the battery or the drone to high-temperature, moist pla e. (etc. in fire or near to electric heating equipment).
- Stav away from obstacles and electrical hazards. . Children should be guided by the adult for playing the drone, and the dro

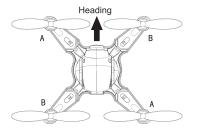
ne should be controlled within the sight range of the operator.

- 7. Non-rechargeable battery should not be charged, and please pay attent ion to the polarity during battery installation; do not mix the old and new bat teries or types of batteries. When the drone is not in used, please turn off the power of the remote
- controller and the drone and take out the batteries. Installing/Replacing batteries must be undertaken by a competent adult.
- . Do not directly look at the light source.

NSTALLATION INSTRUCTION FOR REMOTE ONTROLLER AND MOBILE PHONE FRAME

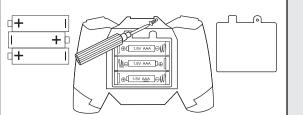


Note: 'Photo' and 'Video' functions are available only in WIFI version.

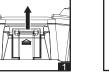


Note: When setting or replacing the propellers please refer to the A/B position as pic shows.

REMOTE CONTROLLER BATTERY & PHONE HOLDER INSTALLATION

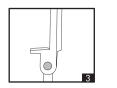


Phone Holder Installation and Adjustment



1. First, push out the slot cover of the phone



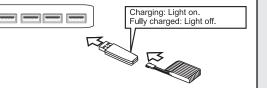


3. Adjust the phone holder for the mobile phone.

Note: The phone holder is available only in WIFI version.

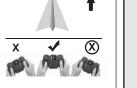
Drone Charging:

Pull out the battery from the drone, and then connect one end of the USB adapter wire to the USB interface of a computer and connect the other end to the battery charging socket. During charging the USB light goes on; afte fully charged, the USB light goes off.



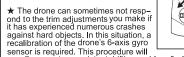
-2-

HEADLESS MODE



As the figure shown in above, under the headless mode, whichever

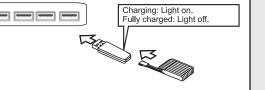
CALIBRATION



sensor is required. This procedure will usually correct a consistent drifting problem & altitude holding

Hold the controller's joysticks in this position (as pic.) until the drone's status lights blink rapidly. Wait a few seconds for the calibration process to finish. Once the lights glow solid, you're

It typically takes up to 60 minutes to fully charge the battery from empty. Press emergency stop button (A) will cut off



★ Activate the headless mode: When you activate the headless mode the onboard flight computer aligns the drone movements to be corresponding to the user. In headless mode the drones front direction is aligned to the drone co ntroller, you don't need to worry about the direction the drone is facing Press head less mode button to activate it and the lights start blinking.

Oriented Fron

★ Exit the headless mode: press the headless mode button once again to exit the headless mode.

direction you yaw it, the drone moves comparable to your direction, or the direction of the drone controller.

ready to a perfect flight again.

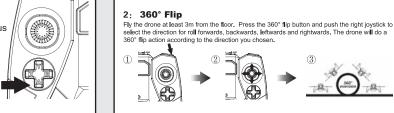
EMERGENCY STOP

★ Emergency stop:

motors' power supply. It may cause dangerous like crashes into person.

-3 **-**

Only stop the flying drone when it's in emerg ency situation for it may cause crashes.



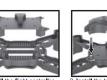


Battle Mode

· High/Mid/Low Speed Switch n you first connect to your drone, it will automatically be in speed 1 e. That is the lowest speed and perfect for indoor flying. Press the

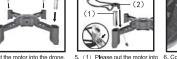
ed switch button to change the speed.
transmitter will make sounds to let you know which speed gear you beeps for speed 3 which is the highest speed and is great for outflying.

n to fly at the lowest speed, and then increase the speed rate after



he place which has the '5'





(2) Set up the guard wire at the p
 (3) Set up the propeller the picture.

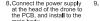


through the axis.

wire at the position shows









- 5 **-**

NOTICE FOR USE OI LITHIUM BATTERY

2. Propeller X8

4. Main PCB

6. USB Adapter

- personal or property loss. The user should independently bear relevant responsibility; the manufac turer and the distributor will not control the use (charging, discharging,
- immediately with cold water and seek for medical treatment.
- electric shock or explosion. Adapter and charging

Only the original recommended charger can be used for the model; the charger is not a model. Before cleaning, the model should be disconnec

- Please do not charge or use the inflated, leaking or damaged battery.
- Please do not excessively charge the battery. After the battery is fully cha rged, please pull out the charger. After charging, please do not recharge th
- Please do not charge near any inflammable or on the surface of any inflammable (carpet, wood floor, solid wood furniture, etc.) or conductive object, and observe the battery at any time.
- Please do not charge the hot battery immediately after product use.
- The battery temperature should be between 0 °C and 40 °C.
- When the battery is not charged, please pull out the charger. Use and Storage

with the charger

battery to avoid overheating.

- It is forbidden to use the battery with damaged plastic package.
- During use, please do not insert or take out the battery.
- Please prevent the battery from bearing excessive physical impact.
- It is forbidden to use the inflated, leaking or damaged battery, or the battery with abnormal smell.
- Children are forbidden to touch the battery.
- Please do not put the battery in fire, in rain or at moist place, and prevent in from contacting liquid.
- Please do not put the battery in microwave oven or pressure tank.
- Please do not disassemble, drill, distort, cut or knock the battery, or put heavy object on the battery or the charger.
- Please do not clean the charger with solvent, industrial alcohol or any other flammable solvent.
- Please avoid short circuit or direct contact with the electrolyte in the batter wherein the electrolyte and the electrolyte steam are harmful to human bod
- Please store the product under room temperature, do not put the product under extreme temperature, and avoid the significant temperature change at the product storage place.
- Please do not put the product near the heating source.
- If the drone is not used for a long period of time, please take out the battery.
- Please dispose the product as daily garbage. The damaged or unusable battery should be put in the container for specified use.
- The product is composed of electronic component and battery. Please follow the special requirement to dispose the electronics garbage. Please well understand local centralized garbage treatment method

- During use, the lithium battery has certain risk and may cause significant
- In case of battery leakage, please prevent the liquid from contacting ski or eyes. In case of skin contact, please wash the skin immediately with fancy soap and clean water; in case of eye contact, please wash the eye
- Please strictly abide by the following requirement; or else, there will be fire
 - name of wi-fi and connect. "tick", said the connection is successful, after the completion of the setting options.
 - 3. On the iPhone or the open soft Racing FPV, after clicking on the icon to enter the control interface. (as far as possible when flying away from other WiFi signal source environment)

. Android system to download and install the software

WiFi connection instructions

1. Download and install the software

2. The WiFi connection

Connect aircraft power supply

Foreign users in the Google Play to search the Racing FPV download and install, or scan gr code to download and install (figure 2). Domestic users in 360 mobile phone assistant search Racing FPV

2. The WiFi connection

- Connect aircraft power supply.
- 2. Into the Android phone settings option, the WiFi option to find the device Wi-Fi name and connect, there "tick" that the connection is successful.

Specific instructions please refer to the instructions.

- 3. In the Android phone to open the software Racing FPV, click on the icon to enter the control interface.
- (Try to stay away from other WiFi signal source environment)

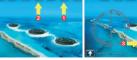




ontrol interface description

Start the interface









storage, etc.) of the battery, or bear any responsibility for the personal

- In case the charger has abnormal smell, noise or smoke, please cut off the power supply immediately.
 - - - download and install, or scan gr code to download and install (figure 3).

- complete the set out after the option.









Users please go to the apple Store (APP Store) to search the Racing FPV download and install. Or simply scan the qr code (figure 1) to download and install.





Apple System (IOS) and Android phone software WiFi connection steps



2. Enter the iPhone or the Settings, the WiFi options found in the device





– 1 **–**

PROPS INSTALLATION

If the propeller of the drone is damaged or

provided in the accessory package.

positions indicated in the figure.

to the end.

destroied, you can replace it with the blades

propeller, align to the rotor and press

The propeller of the drone should be installed correctly according to the letters carved in the blade and the Blades installation: hold the top of the

NOTICE FOR TAKE-OFF

: Match the frequency Insert the battery plug into the power socket of the drone and turn on the

power switch of the remote controller; after the drone LED light blinks gu ickly, push the left operating stick of the remote controller to the highest point and then pull to the lowest point; after the remote controller sends a "beep" sound, the frequency matching is finished and the drone LED light ecomes steady.

Calibration Please refer to calibration section.

: Low Battery Alarm The drone LED light blinks when it's poor of power and the drone should be stopped and charged. Please fly the drone after fully charge.

Note: It is suggested to calibrate the drone before take-off!

lue wire should put into the d socket,the black and white



vards and left/right side-fly.



-4 **-**









When the drone is 30 centimeter away from the ground or the ceilin the drone may become unstable due to the influence of the airflow caused by the propellers.

ATTENTION:

5. Manual

. Phone Holder

(only for WIFI

Propeller puller tool X1

*: Common version excludes the camera PCB.

Please do not look at the light beam directly.

shorten the control distance.

Get it repaired immediately.

Avoid crashing and impacting.

Keep far enough from the flying drone to avoid accidents.

Please do not fly the drone In case of damage or distortion.

avoid product damage caused by battery leakage.

• The drone will not take off when out of power. Also, lack of power will

Please take out the batteries of the remote controller and the drone to

ring flight, it is normal for the drone to go off-

course slightly. But if it drifts constantly without any

input from the controller sticks, you have to adjust

the trim controls to compensate for the drifting.