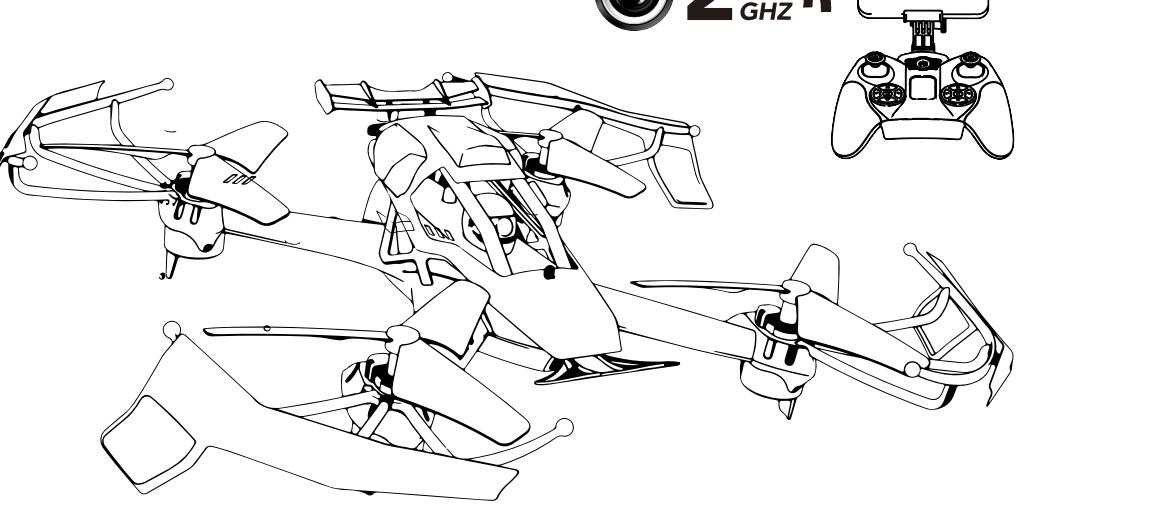
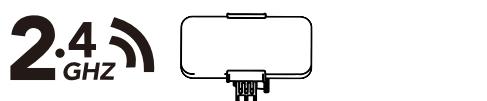
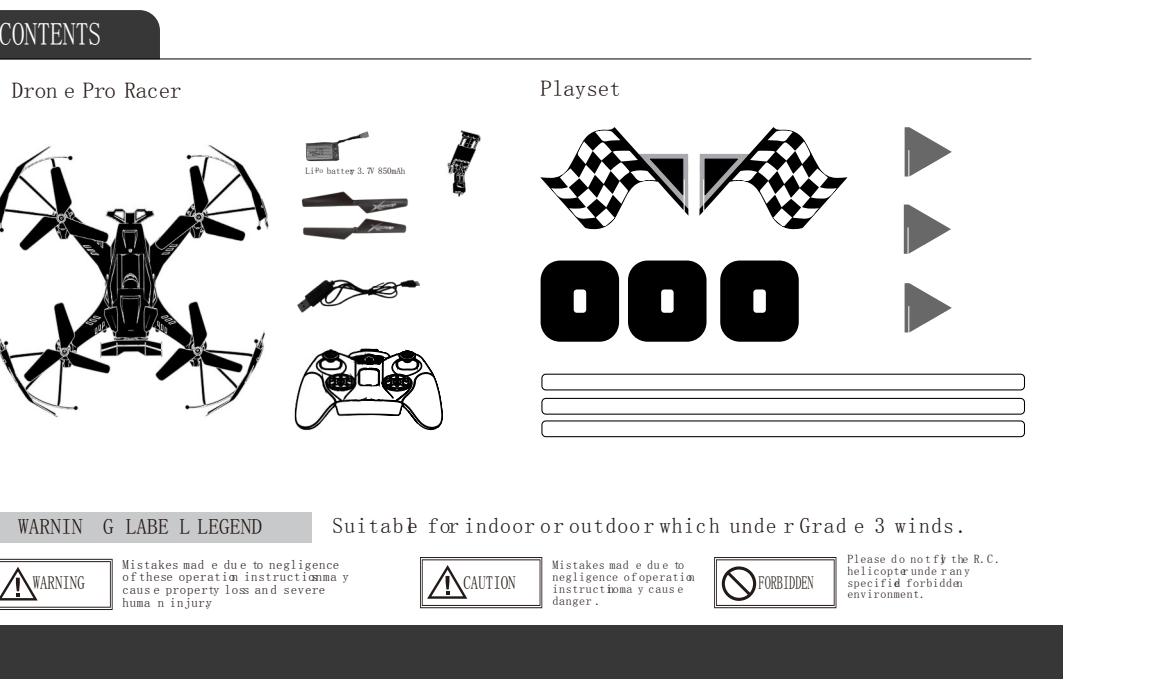


DRONE PRO RACERS

DPR1401



USE R GUIDED

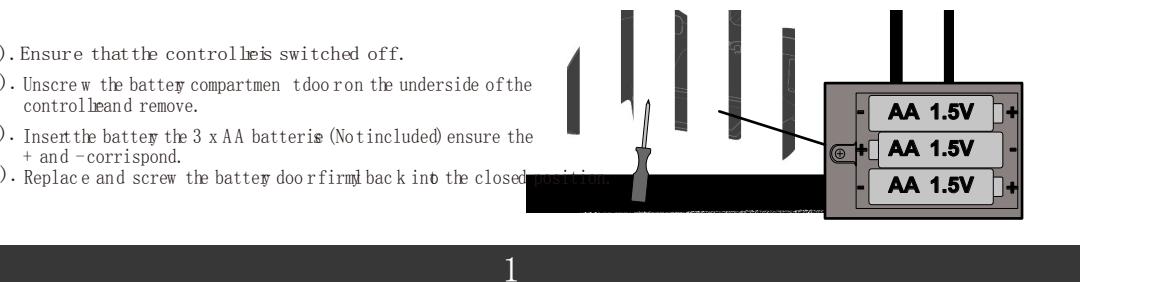


Battery Management

Safety

- WARNING** Insert the battery as in the picture and connect the pins together.
- CAUTION** Insert the battery as in the picture and connect the pins together.
- FORBIDDEN** Insert the battery as in the picture and connect the pins together.
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Inserting Controller Batteries



1

Battery Management

Charging the Lipo drone battery

1. Connect the USB cable to the computer
2. Step 1 + connect the battery pin to USB cable

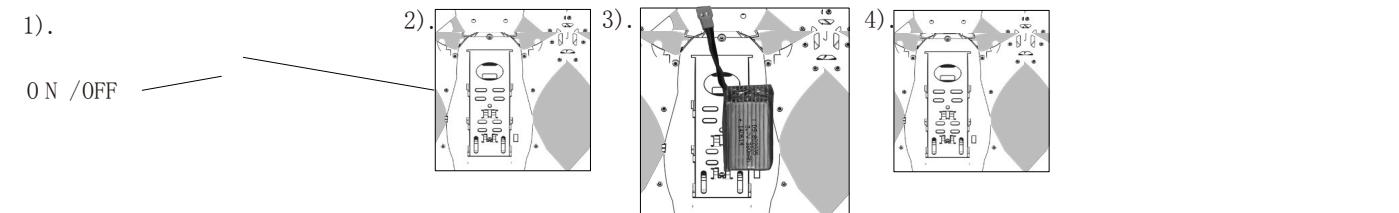
LED Charging status

LED status	Charging status
LED is red solid on	Power on
LED red light is off	Charging
LED is blue solid on	Battery is Full



Connecting the Lipo battery to the Drone Racer

1. Ensure that the drone is switched off.
2. Slide the battery compartment door back to unlock and swing open.
3. Insert the battery as in the picture and connect the pins together.
4. Swing closed and slide to lock the battery door firmly into the closed position.



Please pay attention to the following:

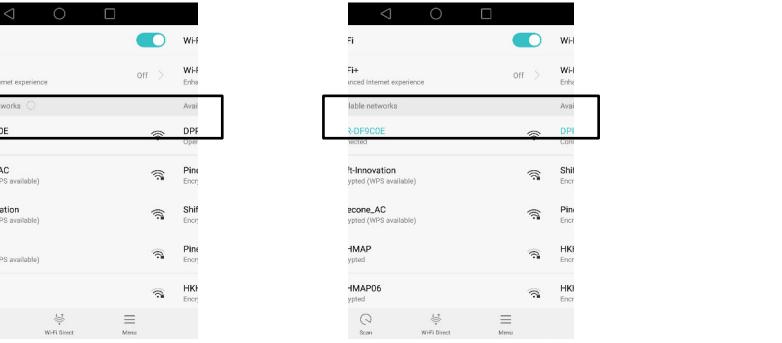
- (1) During charging, the charger should be kept at the recommended distance from flammable and explosive substances.
- (2) Do not use a power bank or a polymer battery pack, as the chemicals are very dangerous.
- (3) Never allow the charger to operate during the process of charging, as this can cause damage.
- (4) Never immediately charge your battery pack as soon as the flight has finished, as it is temperature does not allow it, otherwise the battery will take a risk in swelling.
- (5) Ensure the correct connection before connecting the battery to the charger.
- (6) Avoid drop and violence during the process of charging, drop and violence will result in internal damage of the battery.
- (7) If you notice any abnormality, please use self-discharging equipment and battery pack, please change one another in the event of a fire in the flight time it becomes a short due to long time usage.
- (8) If it is rotated in the charger for a long time after disconnecting, the battery will automatically discharge. So the charger detects that the voltage of individual cell is lower than the average voltage of all cells, so it starts the self-discharge process.
- (9) Do not charge the battery pack while it is being charged.
- (10) Avoid frequent and excessive discharging the battery pack in order to prolong its life cycle.
- (11) It is recommended to charge the battery pack before long storage. This is to charge the battery to the level of 50% saturation.
- (12) When the battery pack is not used for a long time, it is recommended to weekly check the voltage of each cell of the battery pack. The voltage of every cell should be no less than 3.6V.
- (13) If the user finds any protection in the battery pack should be removed before usage. That is to charge and discharge 3-5 times, but discharge is nothing to the level of 20% until the user places it in the battery holder and voltage is available.

2

Setup

Connecting your device to the RACER

1. Ensure that the device with is switched on.
2. Find the drone with will begin with WiFi and connect.
3. Multiple players are trying to connect to several drone take it in turn to ensure correct pairing.



The App



Adjusting Trim

Whilst the drone is hovering press the opposite button to the direction of drone movement until your drone hovers stably in place. Ensure this is done with no wind disturbance.

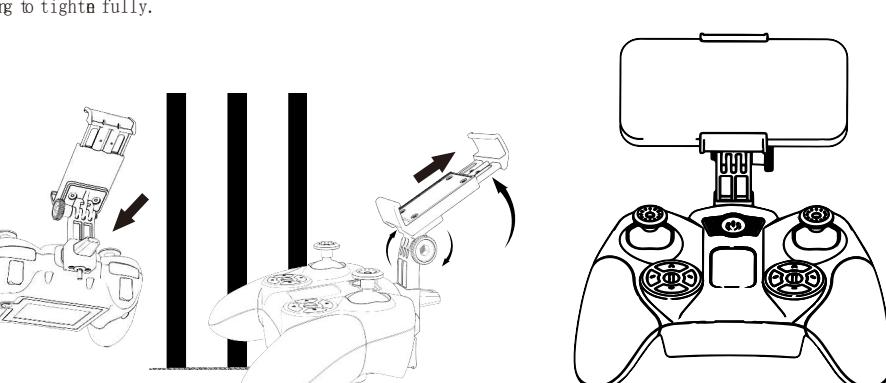


4

Flight

Attaching the device to the controller

1. Ensure that the drone is switched off.
2. Find the drone with will begin with WiFi and connect.
3. To start recording video from the controller press the button indicated in the diagram below.
4. Adjust the view angle as you prefer (prefer in the wheel).

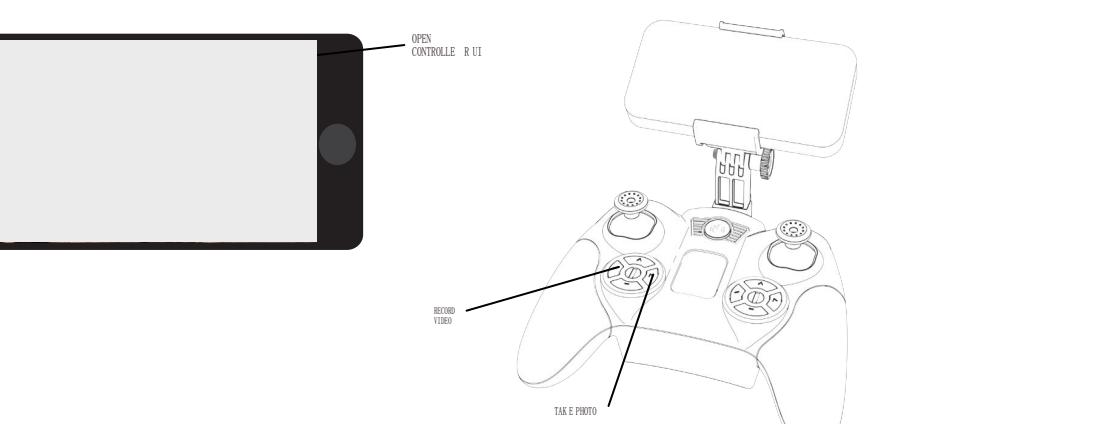


7

Set Up

Recording the Live video stream

1. The FPV stream can be captured as both still or video via the control buttons or the App UI.
2. To start stop recording video from the controller simply press the button indicated in the diagram below.
3. To start recording from the app UI open the control head press the button as indicated in the diagram below.
4. Video and image can be accessed via the app folder icon (indicated below) or found in the devices camera roll where they can be viewed and shared online.



8

Trouble shooting

PROBLEM	CAUSE	SOLUTIONS
Recording frequency drops and receiver not responding (please refer to P.7 for details)	1. Check if the remote and receiver are inserted correctly and adjusting between them.	
No response after battery is inserted in the heli	1. Open the transmitter and make sure the battery is inserted correctly.	
Motor does not run when operating the throttle stick and receiver keeps flashing	2. Check the voltage of the battery is full charged battery and receiver poles are not crossed.	Charge the battery or replace it with a full battery
Main motor blade spins but heli won't fly	3. Main blade has been deformed.	1. Replace the main blade.
Helishake a lot	4. Main frame has been deformed.	2. Replace the main frame.
Turning trimmer has been tried but the heli spins speed to the right left does not conform	5. Main blade has been deformed.	1. Replace main blade.
Center on the gyro is not correct	6. Motor does not work well.	2. Replace main motor.
It won't fly after falls down	7. Gearbox is loosened.	Turn on the heli and center the climb and dive trimmer then restart the heli.
	8. Motor is dropped off.	1. Reinstate the motor.
	9. Gearbox is loose.	2. Tighten the gear.

DC voltage

CAUTION	RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS	
This product contains a battery which must be disposed of correctly. 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.	
(3) Do not view point of protection in the battery pack should be removed before usage. That is to charge and discharge 3-5 times, but discharge is nothing to the level of 20% until the battery holder and voltage are available.	

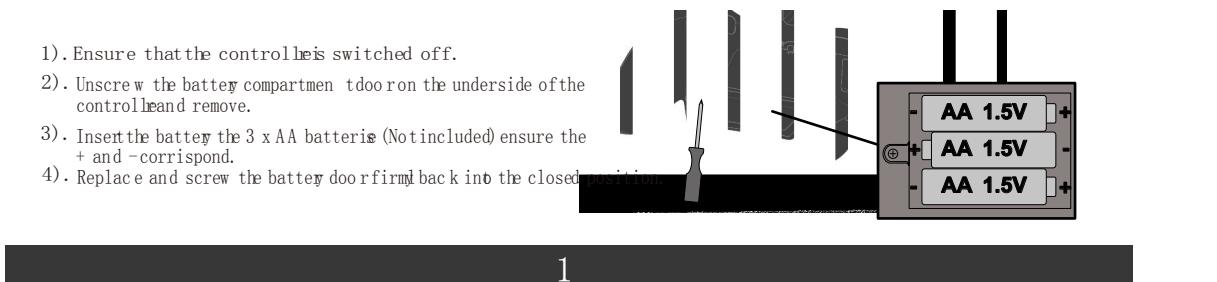
7

Battery Management

Safety

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Inserting Controller Batteries

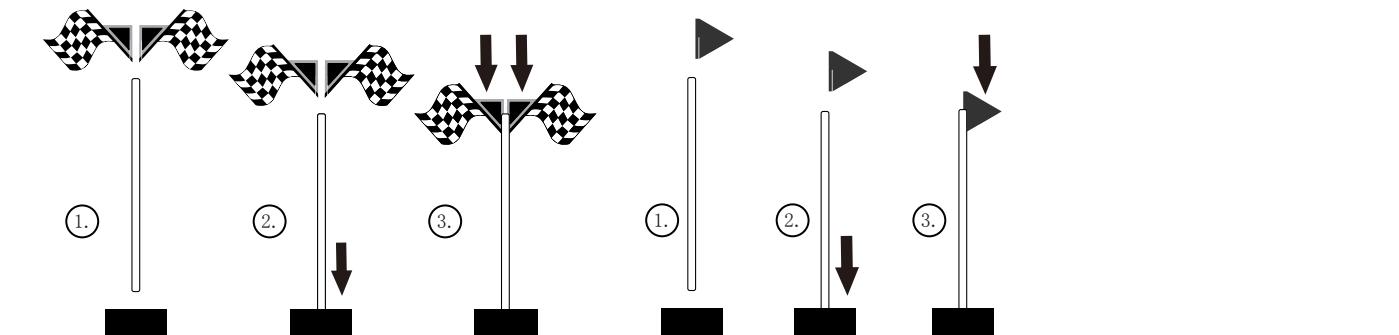


1

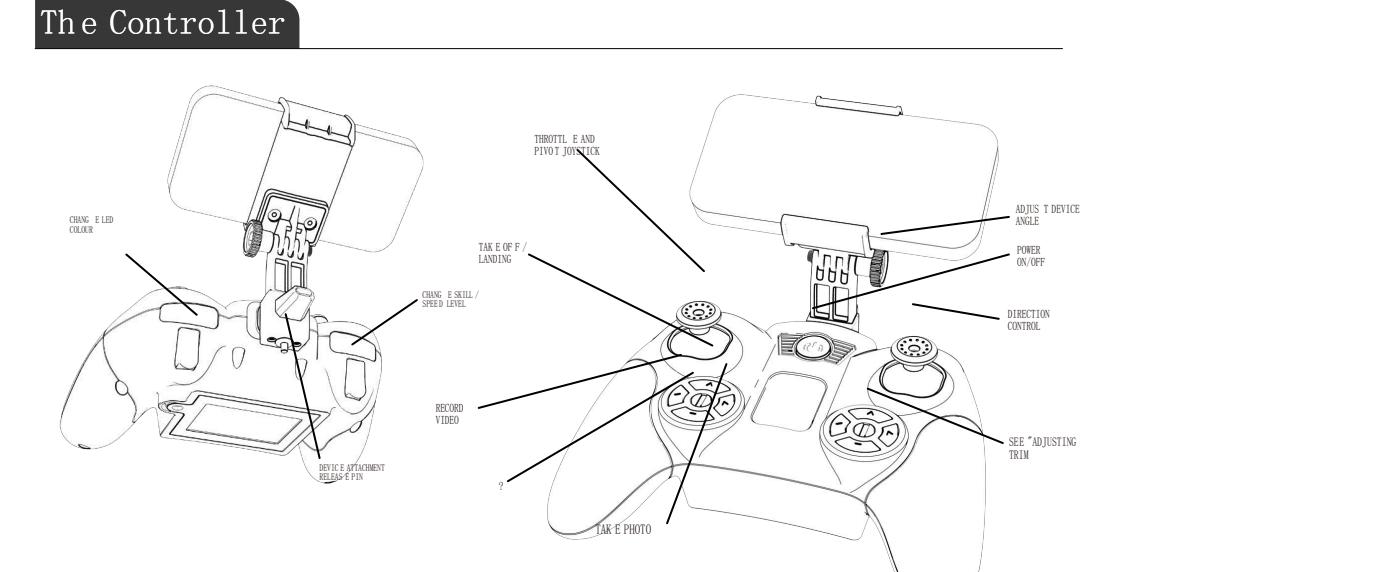
Setup

Playset Assembly

1. Ensure that the drone is switched off.
2. Slide the battery compartment door back to unlock and swing open.
3. Insert the battery as in the picture and connect the pins together.



The Controller

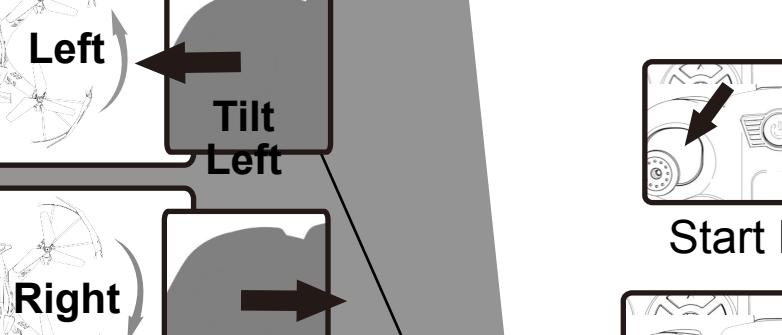


3

Flight Controls

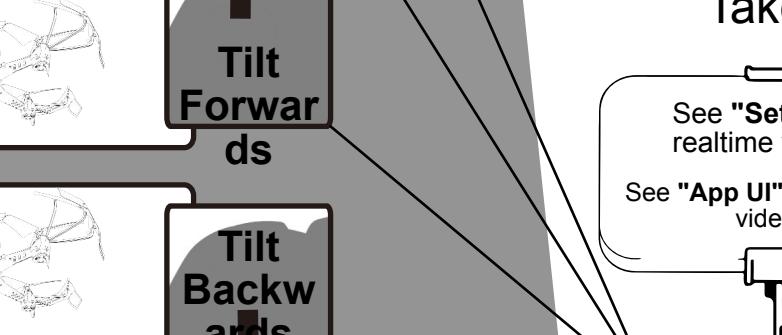
Turn On the racer and controller

1. Turn on the racer.
2. Turn on the controller.



Start Engines

1. Turn on the racer.
2. Turn on the controller.
3. Press the start engines button.



Take Off

1. Turn on the racer.
2. Turn on the controller.
3. Press the take off button.

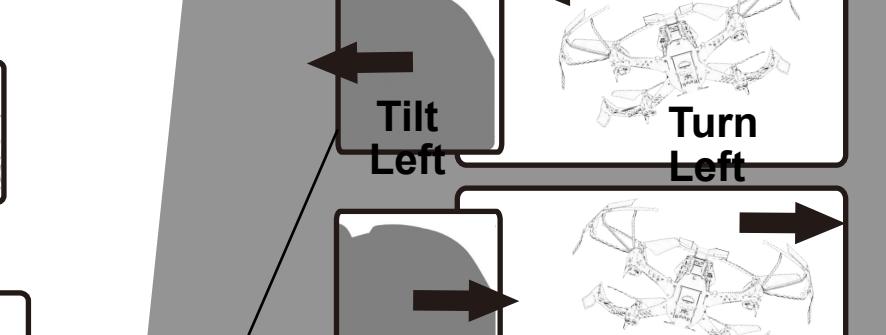


5

Flight Controls

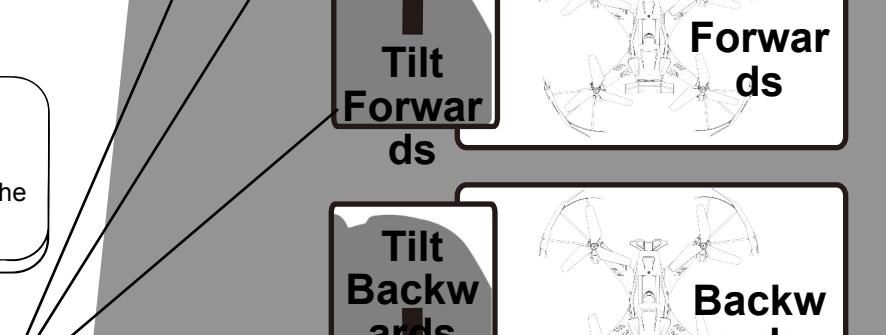
Throttle and Pivot

1. Turn on the racer.
2. Turn on the controller.
3. Press the Throttle and Pivot button.



Direction Joystick

1. Turn on the racer.
2. Turn on the controller.
3. Press the Direction Joystick button.



Up

1. Turn on the racer.
2. Turn on the controller.
3. Press the Up button.

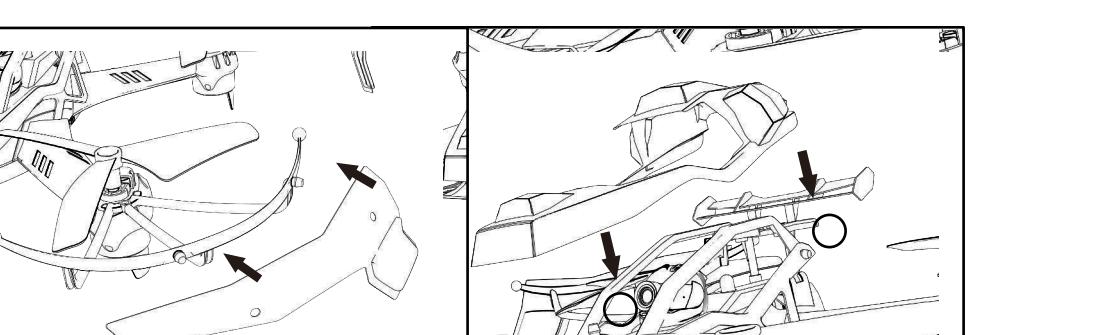


6

Replacement Parts

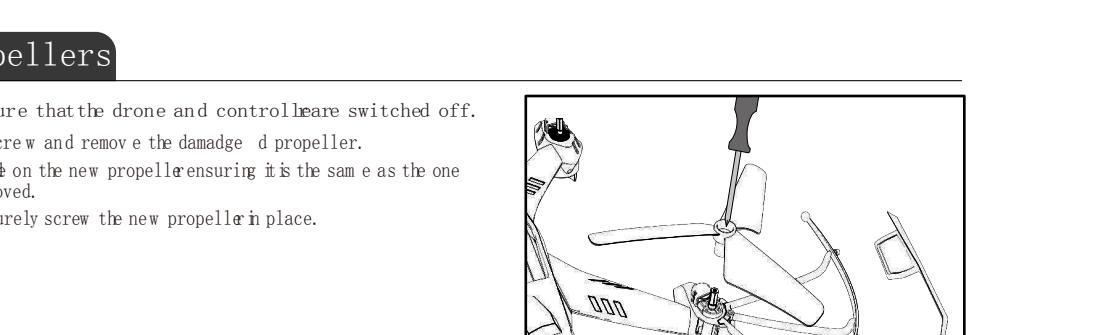
Body Kit

1. Ensure that the drone and controller are switched off.
2. Align the body kit panel with the snap pins on the blade guards or cage.
3. Apply a little pressure until the panel locks firmly in place.



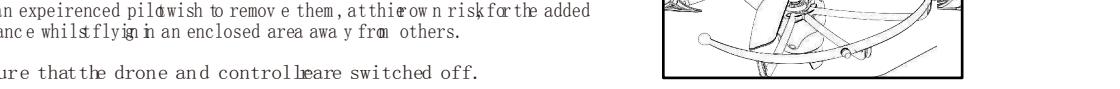
Propellers

1. Ensure that the drone and controller are switched off.
2. Unscrew and remove the damaged propeller.
3. Align the new propeller ensuring it is the same as the one removed.
4. Securely screw the new propeller in place.



Propeller Guards

- 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.
1. Ensure that the drone and controller are switched off.
 2. Unscrew and remove the propeller guard as indicated in the diagram.



9

Safety & Precautions

RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

Warning: Changes or modifications to this unit 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 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:

- ☒ Relocate 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.

FCC RF exposure statement:
FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons. "The device must not be co-located or operating in conjunction with any other antenna or transmitter."

10