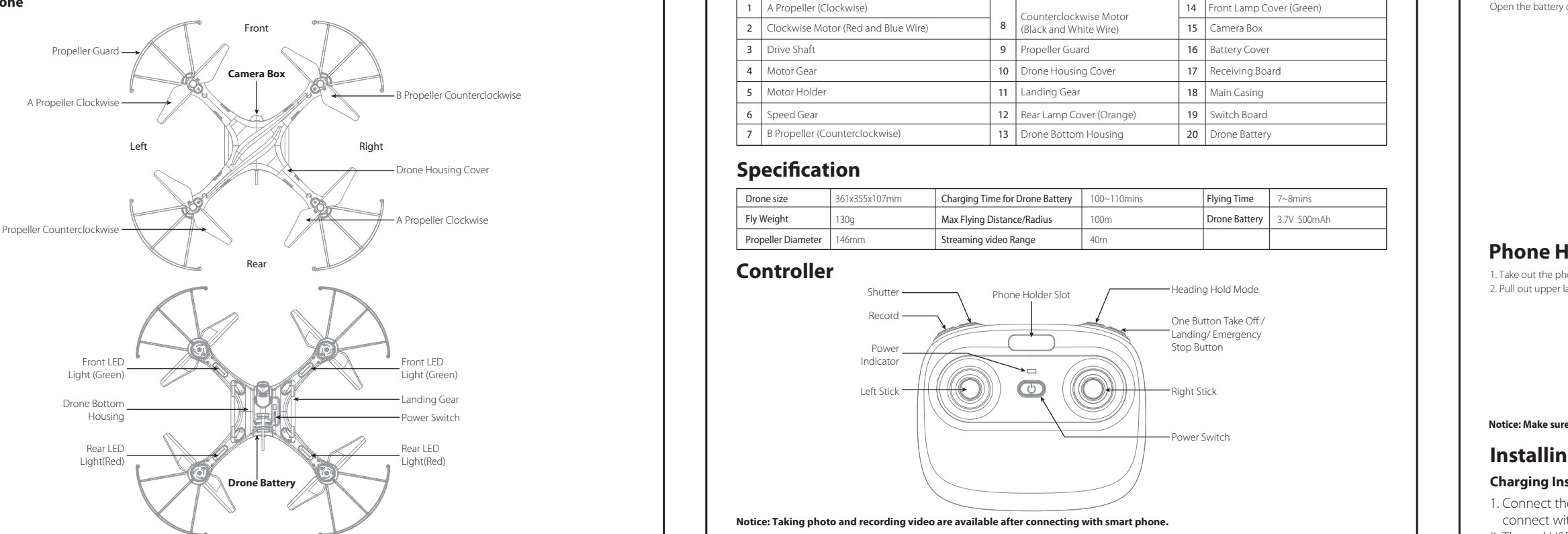
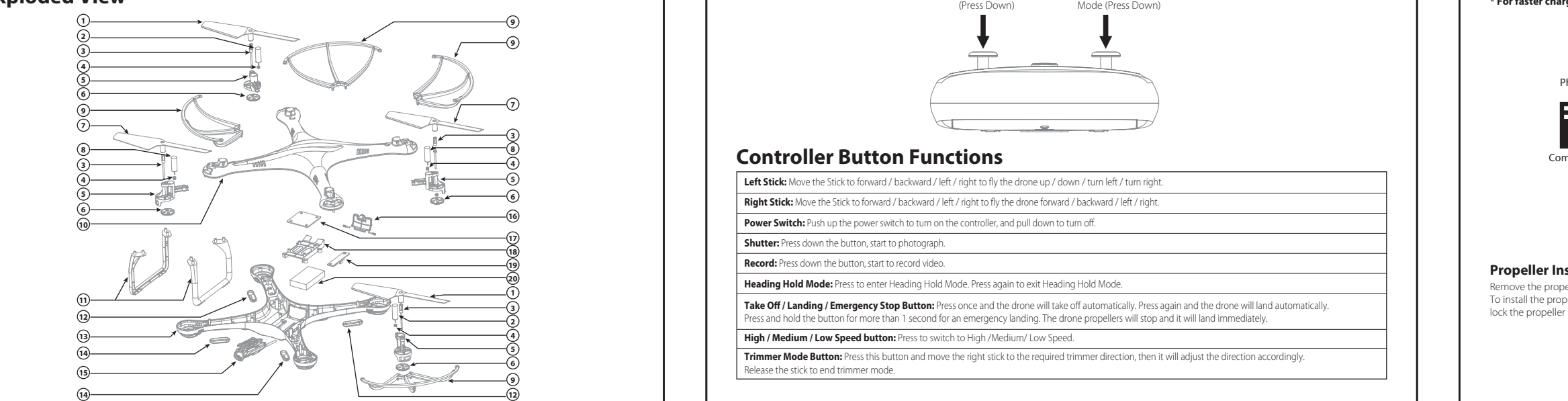


Instruction for Drone and Controller

Drone



Exploded View

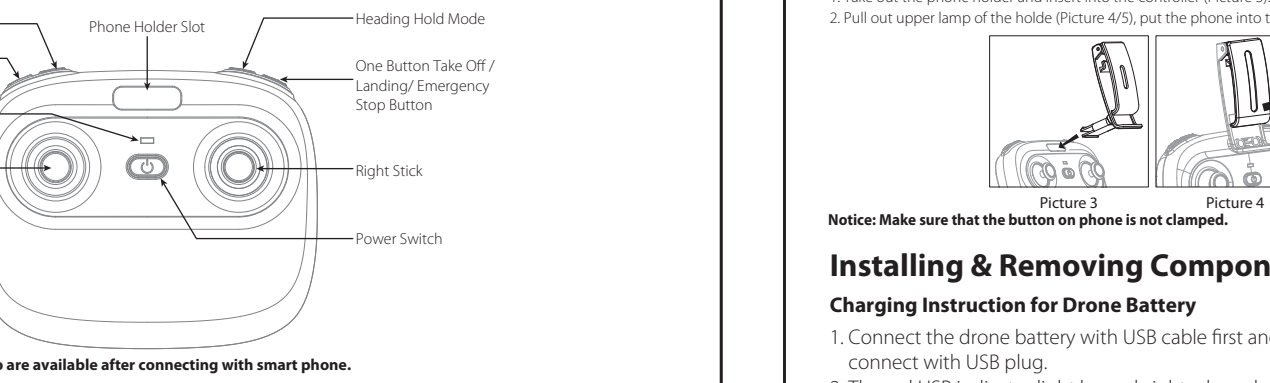


No.	Name	No.	Name	No.	Name
1	A Propeller (Clockwise)	8	Counterclockwise Motor (Black and White Wire)	14	Front Lamp Cover (Green)
2	Clockwise Motor (Red and Blue Wire)	9	Propeller Guard	15	Camera Box
3	Drive Shaft	10	Drone Housing Cover	16	Battery Cover
4	Motor Gear	11	Landing Gear	17	Receiving Board
5	Motor Holder	12	Speed Gear (Orange)	18	Main Casing
6	Speed Gear	13	Drone Bottom Housing	19	Switch Board
7	B Propeller (Counterclockwise)	20	Drone Battery		

Specification

Drone size	361x35x107mm	Charging Time for Drone Battery	100~110mins	Flying Time	7~8mins
Fly Weight	130g	Max Flying Distance/Radius	100m	Drone Battery	3.7V 500mAh
Propeller Diameter	146mm	Streaming video Range	40m		

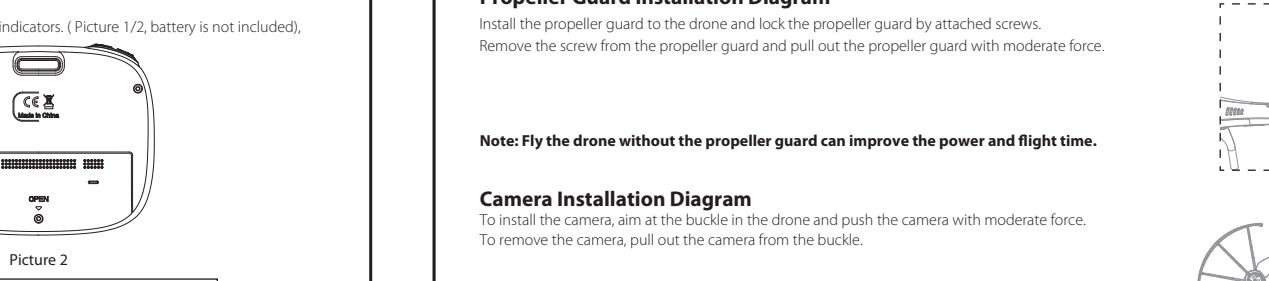
Controller



Controller Button Functions

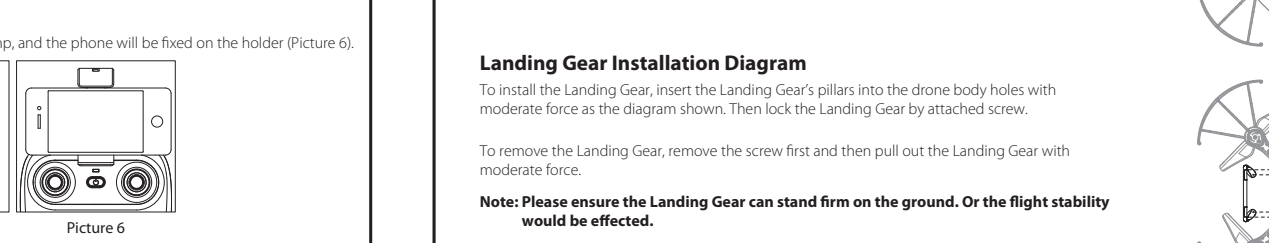
**Left Stick:** Move the stick to forward / backward / left / right to fly the drone up / down / turn left / turn right.  
**Right Stick:** Move the stick to forward / backward / left / right to fly the drone forward / backward / left / right.  
**Power Switch:** Push up the power switch to turn on the controller, and pull down to turn off.  
**Record:** Press down the button, start to photograph.  
**Shutter:** Press down the button, start to record video.  
**Heading Hold Mode:** Press to enter Heading Hold Mode. Press again to exit Heading Hold Mode.  
**Take Off / Landing / Emergency Stop Button:** Press once and the drone will take off automatically. Press again and the drone will land automatically. Press and hold the button for more than 1 second for an emergency landing. The drone propellers will stop and it will land immediately.  
**High / Medium / Low Speed button:** Press to switch to High / Medium / Low Speed.  
**Trimmer Mode Button:** Press this button and move the right stick to the required trimmer direction, then it will adjust the direction accordingly. Release the stick to end trimmer mode.

Battery Installation



**Notice:**  
1. Make sure the electrodes are correct.  
2. Do not mix new with old batteries.  
3. Do not mix different kinds of batteries.  
4. Do not charge the non-rechargeable battery.

Phone Holder Installation Instruction

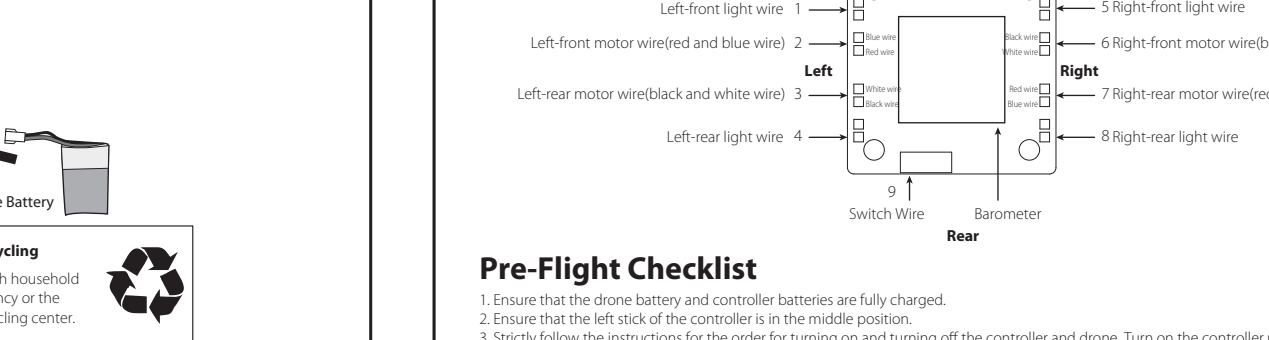


**Notice:** Make sure that the button on phone is not clamped. If this occurs, you can re-pairing & re-calibrate.

Installing & Removing Component

Charging Instruction for Drone Battery

1. Connect the drone battery with USB cable first and then choose one of the method as below picture shown to connect with USB plug.  
2. The red USB indicator light keeps bright when charging and the light turns green when fully charged.  
**\* For faster charging, it is recommended to use an adapter with 5V 2A output current (not included) to charge the battery.**

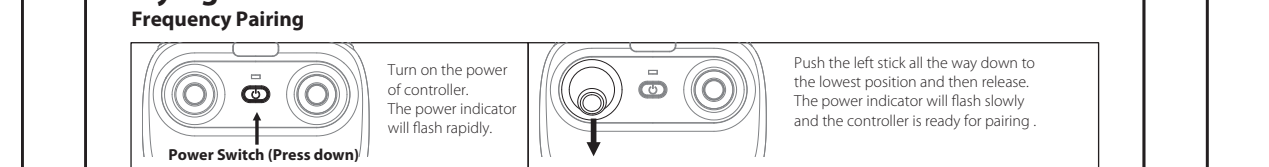


**Drone Battery Li-Po Battery Disposal & Recycling**  
Wasted Lithium-Polymer batteries must not be placed with household trash. Please contact local environmental or waste agency or the supplier of your model or your nearest Li-Po battery recycling center.

Propeller Installation Diagram

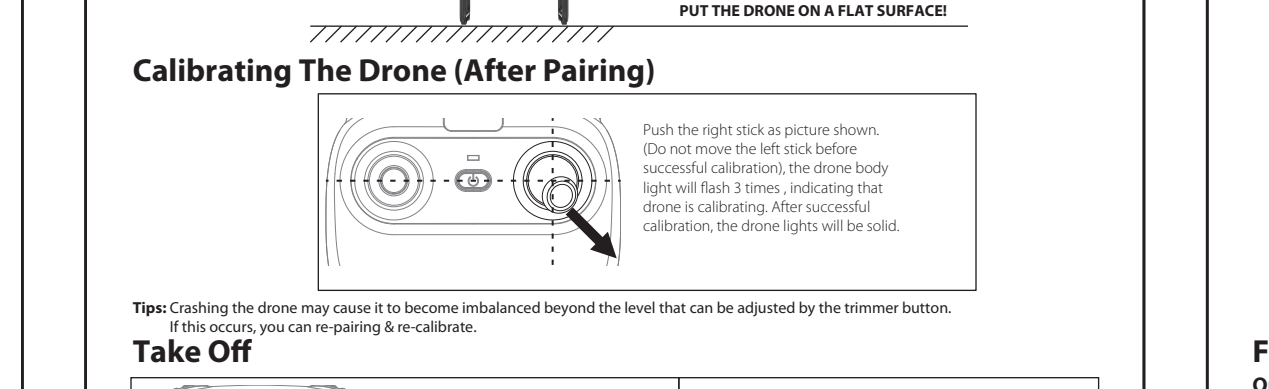


Propeller Guard Installation Diagram



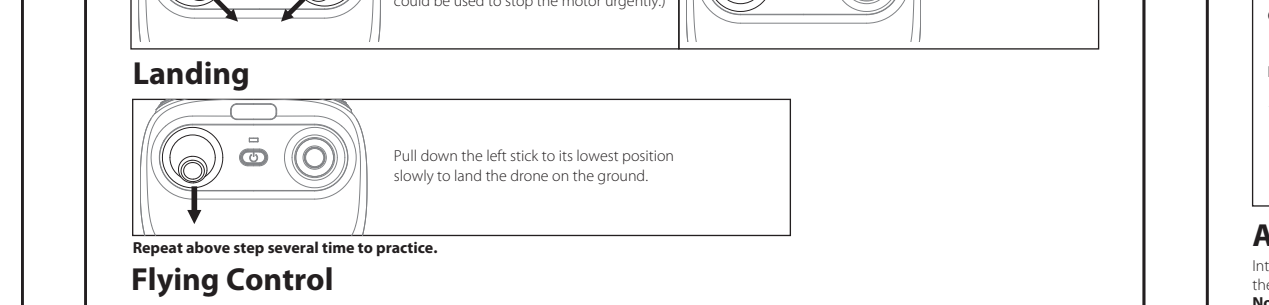
**Notice:** Fly the drone without the propeller guard can improve the power and flight time.

Camera Installation Diagram



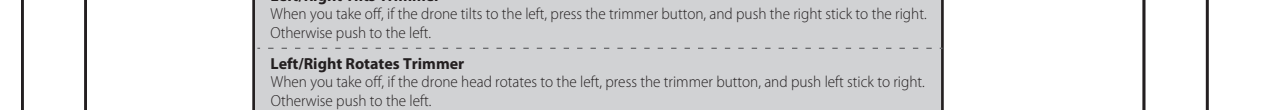
Instruction for Receiving Board

The drone works well only when the installation direction of the receiving board and the connection position of the wires the same as below picture:



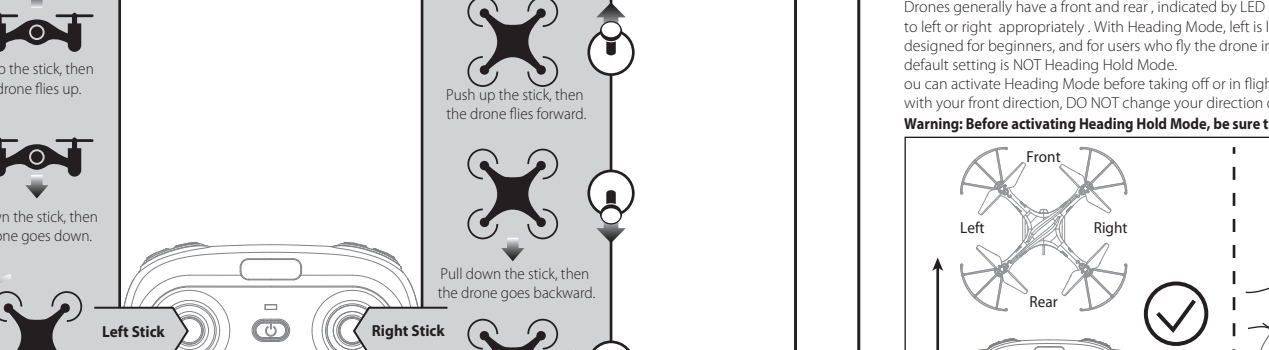
Pre-Flight Checklist

1. Ensure that the drone battery and controller batteries are fully charged.  
2. Ensure that the left stick of the controller is in the middle position.  
3. Strictly follow the instructions for the order for turning on and turning off the controller and drone. Turn on the controller power first and then turn on the drone power before flying. Turn off the drone power first and then turn off the controller power when fishing flying. Improper on/off sequence may cause the drone to fly out of control and could threaten your safety or the safety of others.  
4. Ensure the connection between the battery and motor is solid. Vibration during use may cause a bad connection and the drone could become difficult to control.  
5. Improper operation may cause the drone to crash, which may cause motor defects that could affect flying ability. If this occurs, visit the local seller to buy new replacement parts.

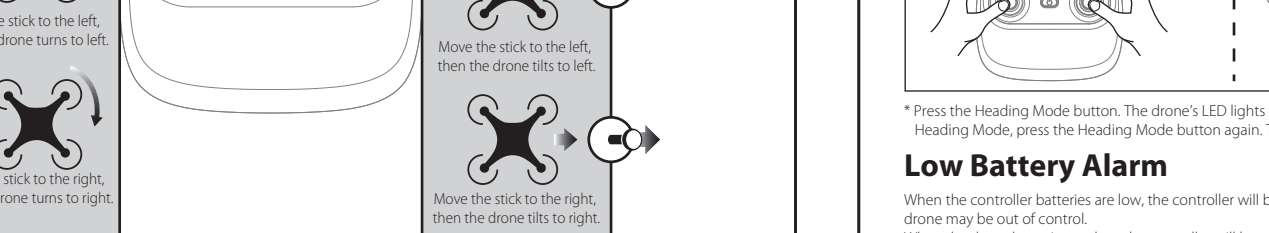


Flying Procedure

Frequency Pairing



Calibrating The Drone (After Pairing)



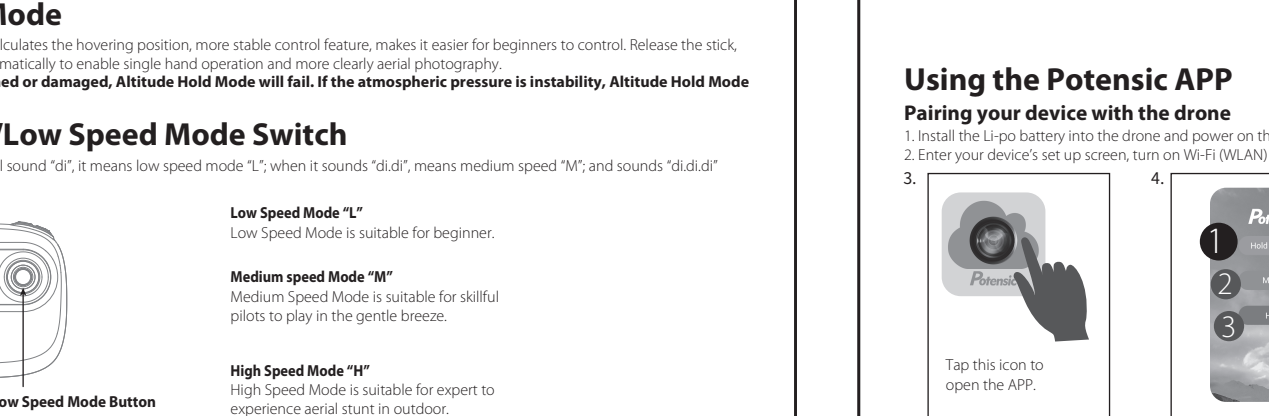
Take Off



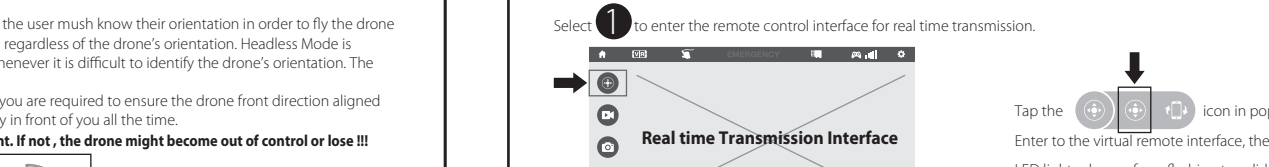
Landing



Flying Control



Heading Hold Mode



Low Battery Alarm

When the controller batteries are low, the controller will beep with "di-di-di-di." Land the drone and replace the batteries as soon as possible. Or the drone may be out of control.  
When the drone batteries are low, the controller will beep with "di-di-di-di." Land the drone as soon as possible.

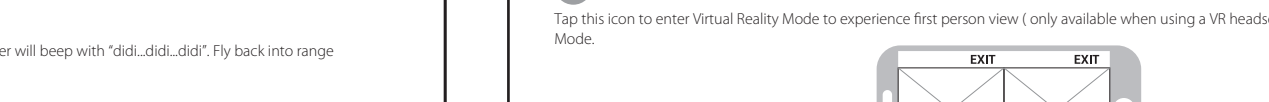
Out of Range Alarm

When the drone is about to fly out of the maximum return control distance, the controller will beep with "di-di-di-di-di-di." Fly back into range immediately. The drone will be difficult or impossible to control when it is out of range.

Motors Stuck Protection

1. When the propellers get stuck, the drone LED will flash quickly and activate stuck protection function and the motors will stop running.  
2. Pull down the Left Stick to the lowest position. The drone LED becomes solid and stuck protection will be released, and the drone can fly again.

To know your APP



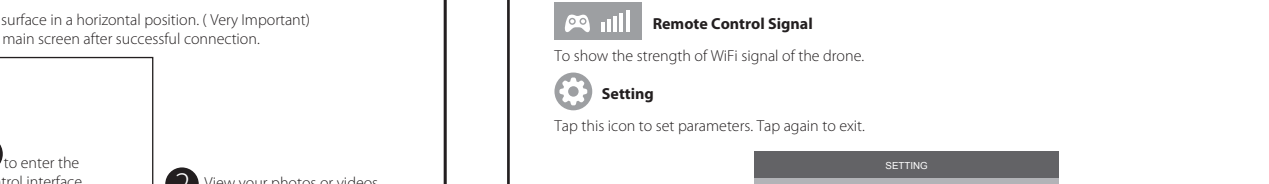
Altitude Hold Mode

Intelligent flight control system calculates the hovering position, more stable control feature, makes it easier for beginners to control. Release the stick, the drone will keep hovering automatically to enable single hand operation and more clearly aerial photography.  
**Note:** If the propeller is deformed or damaged, Altitude Hold Mode will fail. If the atmospheric pressure is instability, Altitude Hold Mode can not work well.

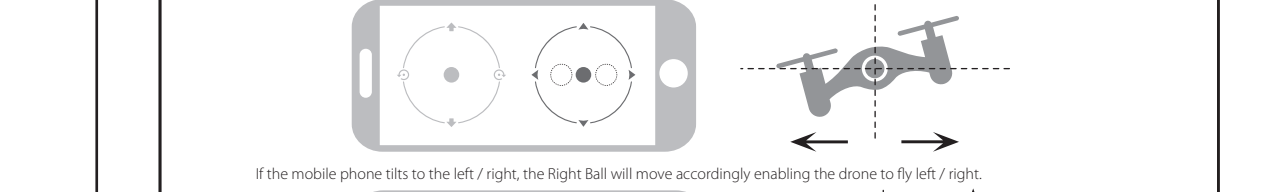
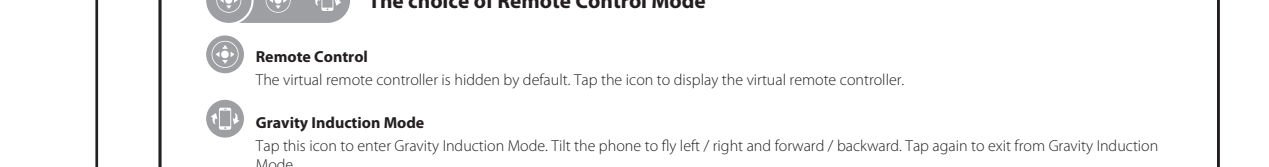
High / Medium / Low Speed Mode Switch



Using the Potensic APP



Heading Hold Mode



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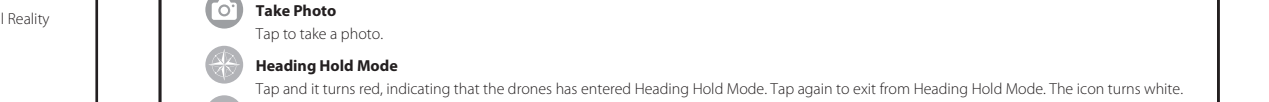
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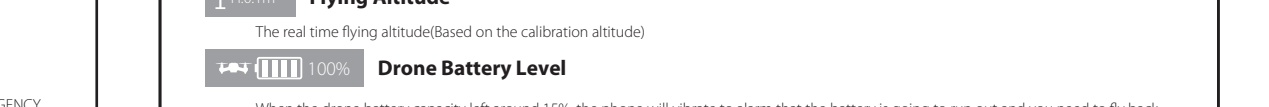
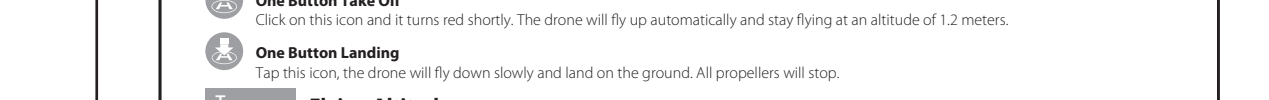
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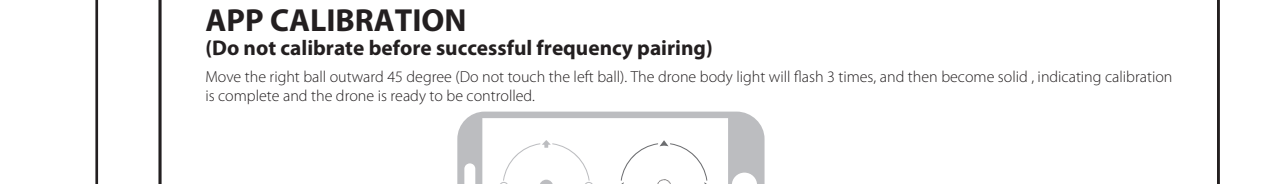
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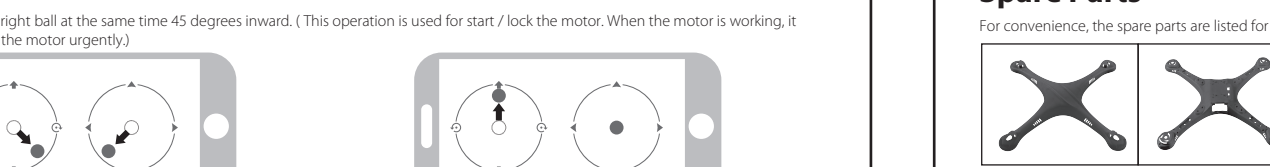
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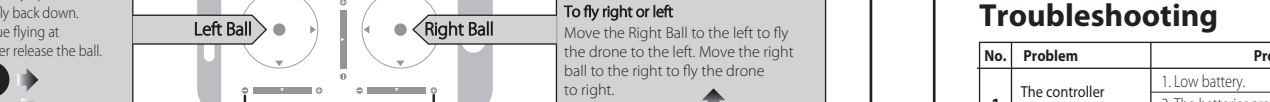
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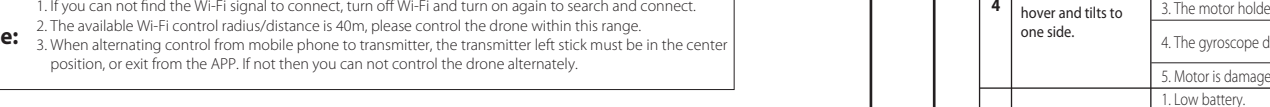
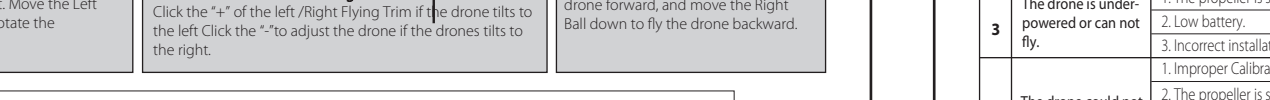
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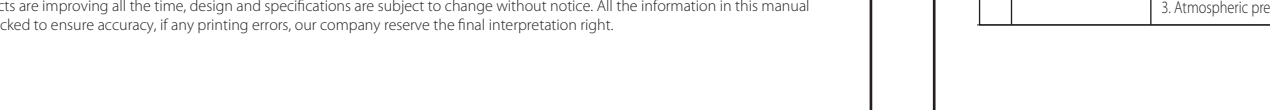
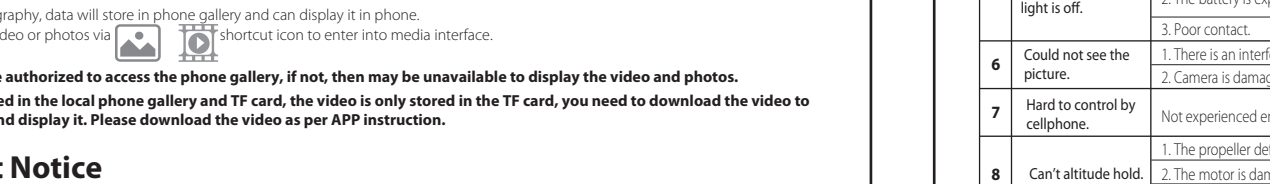
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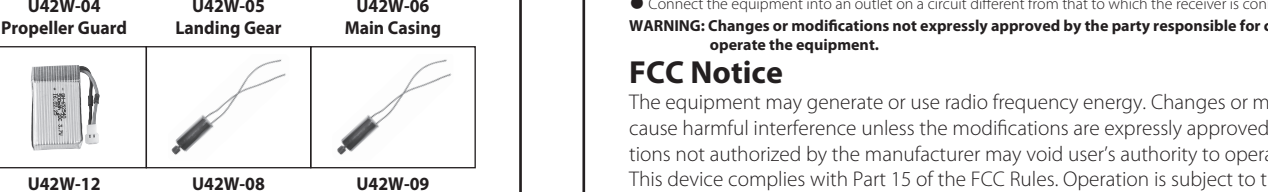
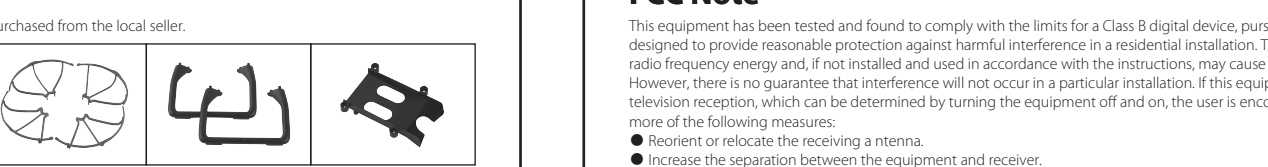
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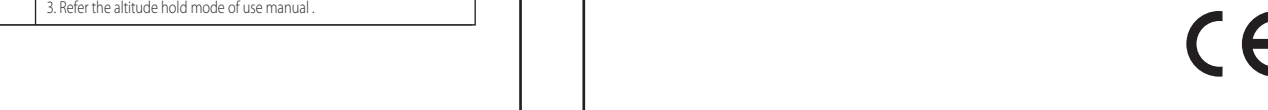
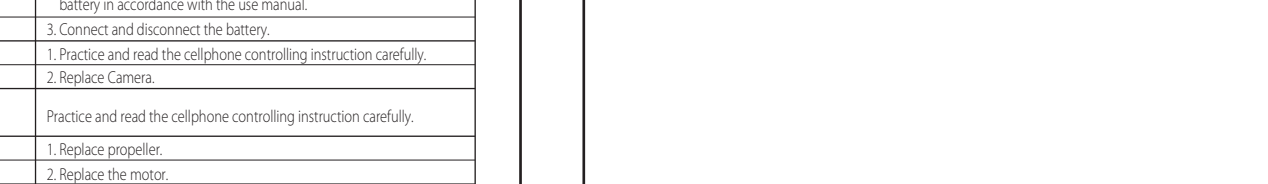
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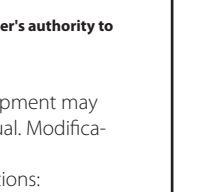
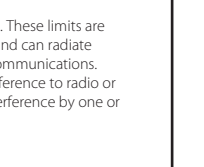
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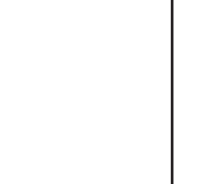
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