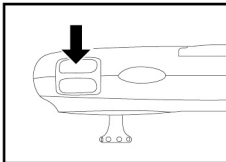


2. Under the headless mode, the operator does not need to differentiate the head position of the drone, and only needs to control the drone's direction front/back/left/right by using the right joystick direction on the remote control.

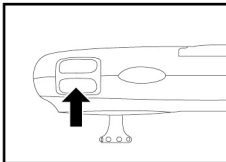
8. Photo/Video Instructions

1. After install the camera, turn on the drone, the camera works normally when the RED indicator changes from flashing to be green and keep lights on. If the RED indicator only flashing and lights off a few seconds later, it means the camera was not installed the memory card.
2. How to take photos and videos



Take Photo:

Make sure camera is on, when push the PHOTO button, a beep from transmitter, camera take a photo with the GREEN indicator will change to RED and flash one time.

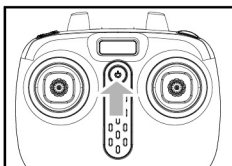


Take Video:

Make sure camera is on, when push the VIDEO button, two beeps from transmitter, camera start to take video after the GREEN indicator change to RED and keep flashing. To stop and save the video, press the VIDEO button again, then camera indicator stop flashing and keep lights on as GREEN .

Flight Preparation And Switching The Drone On And Off

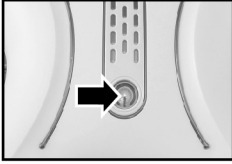
1. Flight Preparation



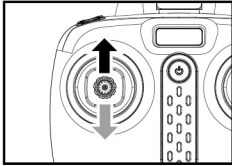
Step 1: Push the power button of the remote control.



Step 2: Install the battery pack in drone.

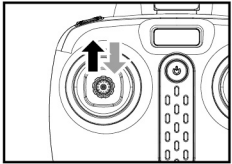


Step 3: Press on the power button on the top of the drone to make sure the drone is turned "ON".

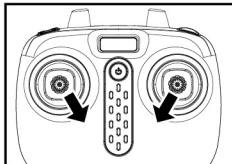


Step 4: Push the left joystick (accelerator) up to the highest point and then push down to the lowest point. When the led indicator lights in the drone change from quick flashing to continuous light, it means that the drone goes into the flight standby mode.

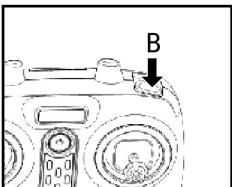
2. Turning on the drone



Method 1: push the left joystick (accelerator) to the highest point and then back to the center, the blades of the drone start rotating slowly.

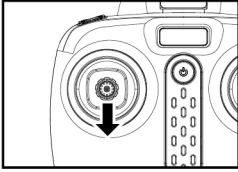


Method 2: Move the left and right joysticks inwards in an internal loop of "8" for 1 second, the blades of the drone start rotating slowly.

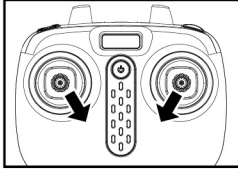


Method 3: When the drone is stationary, press the B button, the drone automatically takes off and hovers at a certain height.

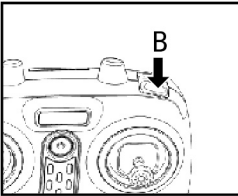
3. Turning off the drone



Method 1: Push the left joystick (Accelerator) to the lowest level and hold there for 2 to 3 seconds, the drone can then be turned off.



Method 2: Move the left and right joysticks inwards in an internal loop of “8” for 1 second, and the drone can be turned off.

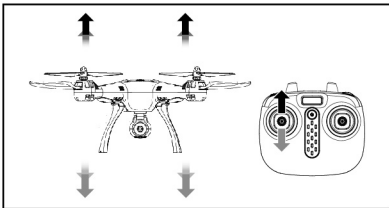


Method 3: When the drone is in flight, press the B button, the drone will descend to the ground and lands.

Drone Controlling Diagram

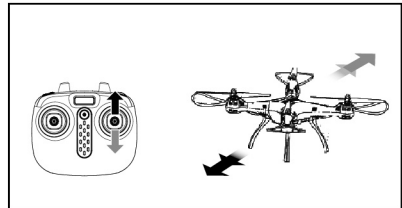
Operating direction

Ascending and descending control



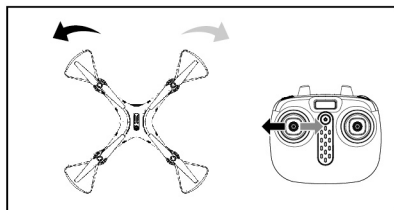
When the left joystick (Accelerator) is pushed upwards or downwards, the drone will ascend or descend correspondingly.

Forward and backward control



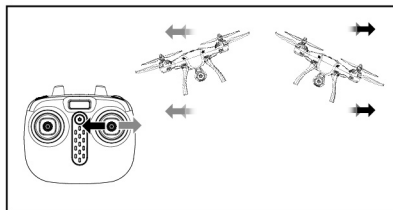
When the right joystick (Direction Rudder) is pushed upwards or downwards, the drone will advance forward or backward correspondingly.

Left turning and right turning control



When the left joystick (Accelerator) is pushed towards the left or right, the drone will turn left or right correspondingly.

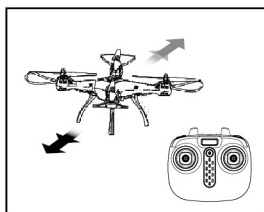
Left side flying and right side flying control



When the right joystick (Direction Rudder) is pushed towards the left or right, the drone will fly sideways to the left or right correspondingly.

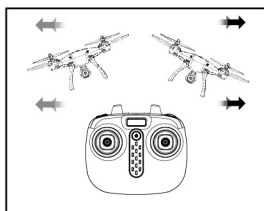
Trimming operation

Forward and backward trim control



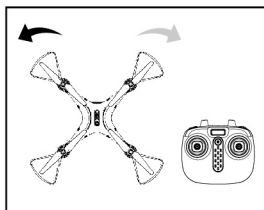
While the drone is hovering in the air, it automatically flies forward/backwards, press in on the left joystick and at the same time push the right joystick forward/backward slightly to fine tune the direction. Don't release the left joystick until the drone is flying in a stable state.

Left/right side flight trim control



While the drone is hovering in the air and automatically flies left/right, press in on the left joystick and at the same time push the right joystick left/right slightly to fine tune the direction. Don't release the left joystick until the drone is flying in a stable state.

Left/right side turning trim control



While the drone is hovering in the air, when the drone automatically rotates and flies towards the left/right, press in on the left joystick and at the same time move joystick to the right or left to adjust the direction. Don't release the left joystick until the drone is flying in a stable state.

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:

- 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.

"This device complies with FCC radiation exposure limits set forth for general population (uncontrolled exposure).

This device must not be collocated or operating in conjunction with any other antenna or transmitter."

Declaration of Conformity Inserts:

"Hereby, GuangDong Syma model aircraft Industrial co.,ltd, declares that this drone is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC

A copy of the full DoC is attached



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.

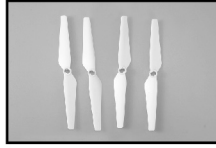
Accessories/Parts List



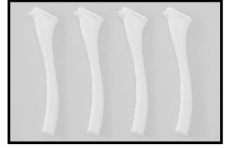
Upper body



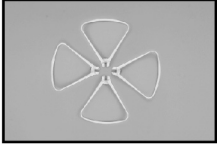
Lower body



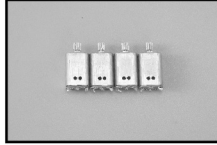
Rotor Blade



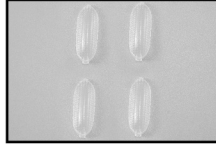
Foot Stand



Protective Gear



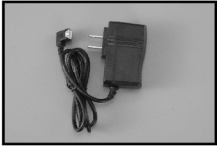
Motor



Lamp Cover



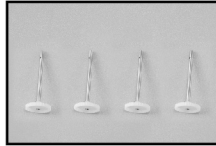
Wrench



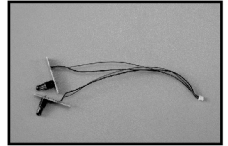
Charge



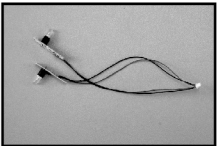
Camera



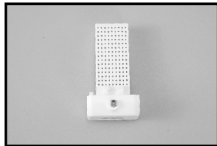
Gear



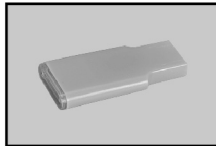
LED Light Bar
(Red)



LED Light Bar
(Green)



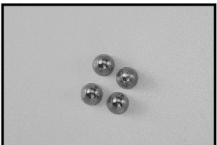
LiPo Battery



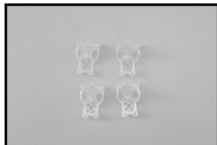
Card Reader



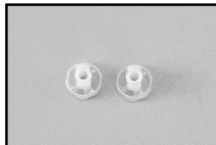
Plating Fitting



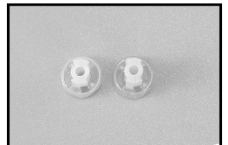
Blade cover



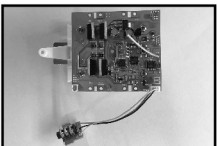
Main stand



Blade lockstitch A



Blade lockstitch B

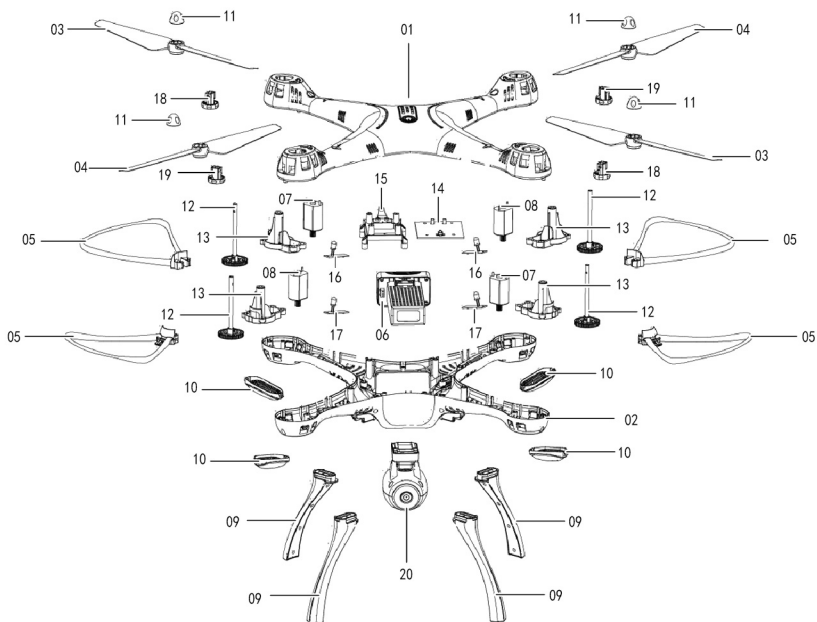


Receiver Board



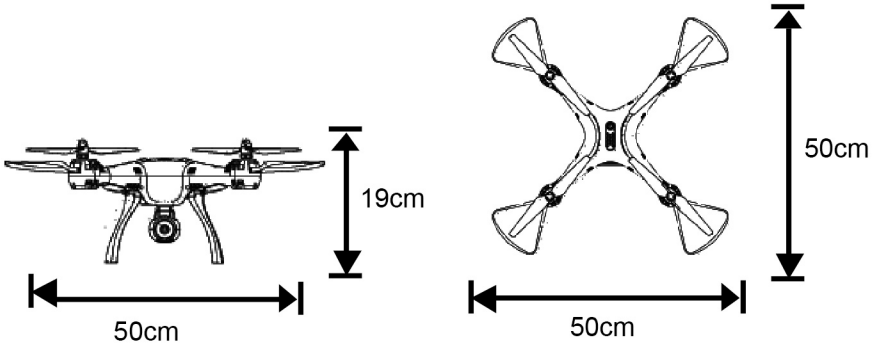
Remote Control

Product descriptions



NO.	Product Name	Qty.	NO.	Product Name	Qty.
01	Top Main Body	1	12	Cears	4
02	Bottom Main Body	1	13	Main stand	4
03	Blade(Clockwise Direction)	2	14	Circuti Board	1
04	Blade(Counter Clockwise Direction)	2	15	Base of dash	1
05	Protective Gear	4	16	LED Light Bar(green)	2
06	Battery	1	17	LED Light Bar(red)	2
07	Motor(Clockwise Direction)	2	18	Blade lockstitch A	2
08	Motor(Counter-clockwise Direction)	2	19	Blade lockstitch B	2
09	Foot Stand	4	20	Camera	1
10	Lamp Cover	4			
11	Blade cover	4			

Main Specifications



Dron's Length:50cm Drone's Width:50cm
 Drone's Height:19cm Motor's Model: 132
 Battery: 7.4V/2000mAh lithium battery

Rectification procedures

Problem	Reason	Solution
The drone has no response	<ol style="list-style-type: none"> 1. The drone has entered into lowvoltage protection. 2. When the power of the remote control is weak, the power light indicator will blink. 3. The channel selection of the remote control does not match with the drone's coding. 	<ol style="list-style-type: none"> 1. Charge up the drone. 2. Change the batteries of the remote control. 3. Adjust the channel of both the remote control and drone such that they are in synchronized mode.
The flight response of the drone is not sensitive	<ol style="list-style-type: none"> 1. The power of the remote control is weak. 2. There is an interference with the same frequency as that of the remote control. 	<ol style="list-style-type: none"> 1. Change the batteries. 2. Change to a place where there is no interference with the same frequency.

Problem	Reason	Solution
<p>The drone is flying towards its side in one direction during hovering</p>	<p>1. The drone is not calibrated level to the ground.</p>	<p>1. Re-adjust the calibration until the drone is level to the ground. For further details, see No.3 on Page 7 for details (Function of horizontal adjustment).</p>
<p>In the headless state, it is biased towards the front direction</p>	<p>1. Many collisions may cause head biasness.</p>	<p>1. Re-define the front direction. For further details, see on Page 8 for details (Headless Function).</p>
<p>Fixed high instability / up and down movement</p>	<p>1. The drone is not calibrated level to the ground. 2. Unstable air pressure under the severe weather condition. 3. Violent collision resulting in data disorder of gyroscope.</p>	<p>1. Re-adjust the calibration until the drone is level to the ground. For further details, see No.3 on Page 7 for details (Function of horizontal adjustment). 2. Avoid to fly under the severe weather condition. 3. Make horizontal adjustment again, see No.3 on Page 7 for details (Function of horizontal adjustment).</p>

Manufacturer

**Guangdong Syma Model drone Industrial Co., Ltd.
The Crossing of No.2 West Xingye Road and North Xingye Road, Laimei.
Industrial Park Chenghai District Shantou City Guangdong China.**

**The company has the right of final interpretation
of this instruction manual statement.**