



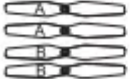






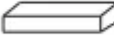





Instruction For Use Camera

MAINTENANCE

1. Clean the product after each use with a clean, soft cloth.
2. Avoid prolonged exposure to direct sunlight and avoid buildup of heat on the drone.
3. This device is not waterproof and must not be submerged in water under any circumstance. Failure to maintain the device completely dry will result in the failure of the unit.
4. Check the charging plug and other accessories for signs of damage frequently. If any part of the device is damaged, refrain from flying until maintenance can be carried out.

Package Contents

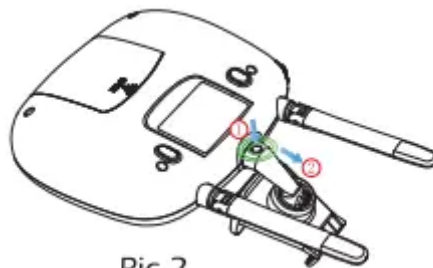
No.	Part Name	Picture	Quantity
1	Drone		1
2	Transmitter		1
3	Camera and USB Data Cable		1
4	Camera Holder		1
5	Phone Holder		1
6	Drone Battery		1
7	Propellers		8
8	Landing Gear		2
9	Charge Transfer Box		1
10	Balance Charger		1
11	USB Charging Cables		1
12	Screwdriver		1
13	Propeller Spanner		1
14	Camera Mat		1
15	Battery Charging Bag		1
16	8GB TF Card (installed in the camera)		1
17	Instructions For Use		1

INSTALLATION

Phone Holder



Pic 1

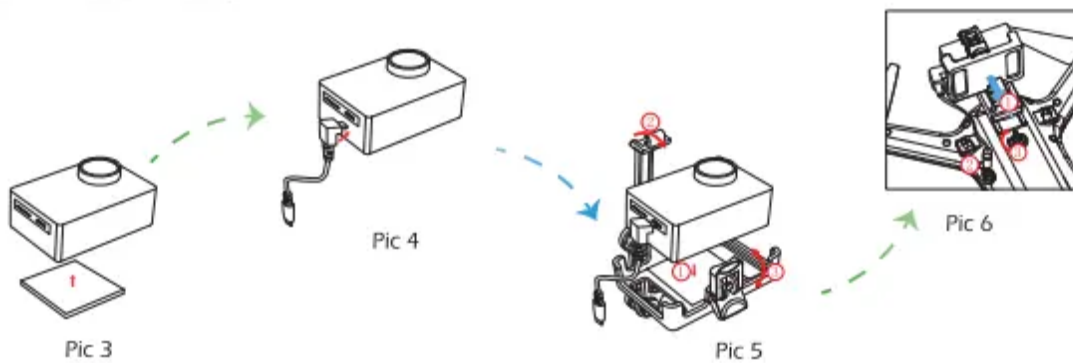


Pic 2

1. As shown in picture. install the phone holder to the transmitter. (Pic 1)
2. Press the buckle on the phone older to remove. (Pic 2)

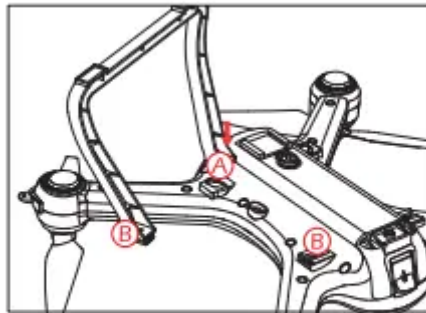
Camera

1. Attach the camera mat to the back of the camera. (Pic 3)
2. Connect the USB date cable to the camera. (Pic 4]
3. Install the camera to camera holder and lock it. (Pic 5)
4. Install the camera holder to the drone and connect the USB date cable to the drone and lock it. (Pic 6)

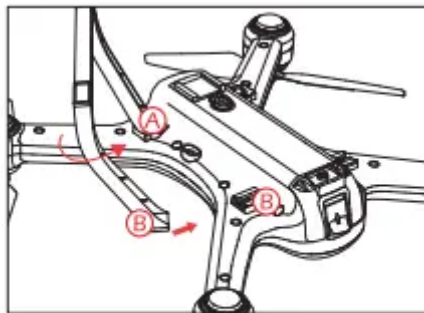


Landing Gear

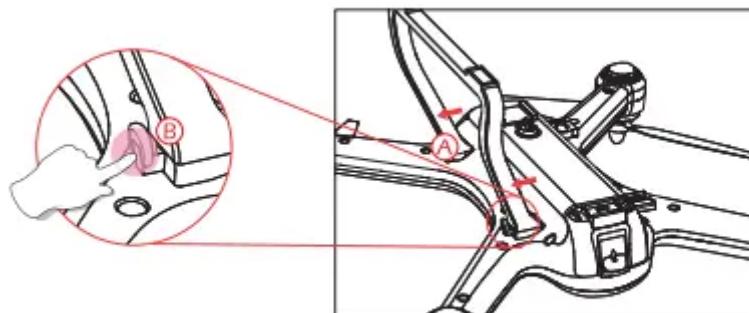
1. Make the "A side of the landing gear aim is inserted in the "A" hole on the drone. (Pic 7)
2. Rotate the landing gear inward. then push the "B" side of landing gear into the "B" hole on the drone to complete installation. (Pic 8)
3. Press the buckle on the side of the landing gear to remove. (Pic 9)



Pic 7



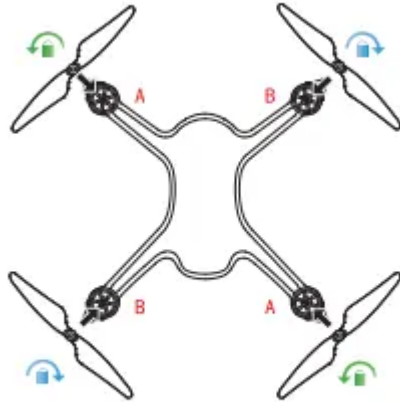
Pic 8



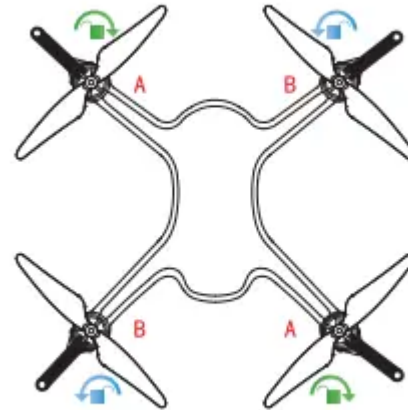
Pic 9

Propellers

1. Installation: Install the propeller on the motor shaft according to the "A/B" corresponding position and rotate to tighten the propeller according to the "Lock' icon on the propeller. (Pic 10)
2. Removal: Grip the brushless motor with propeller spanner too! rotate according the "unlock' icon on the propeller to remove. (Pic 11)

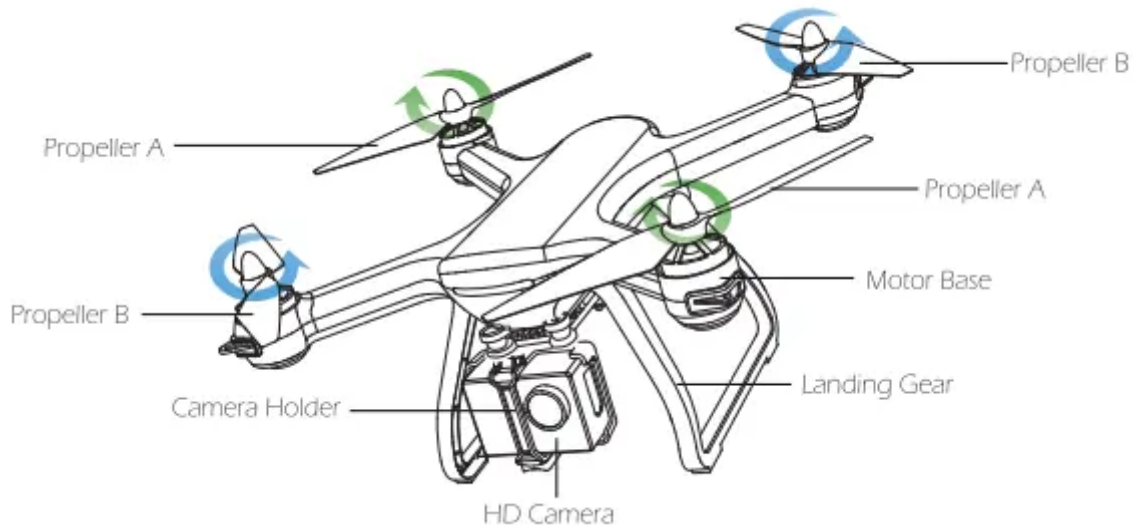


Pic 10



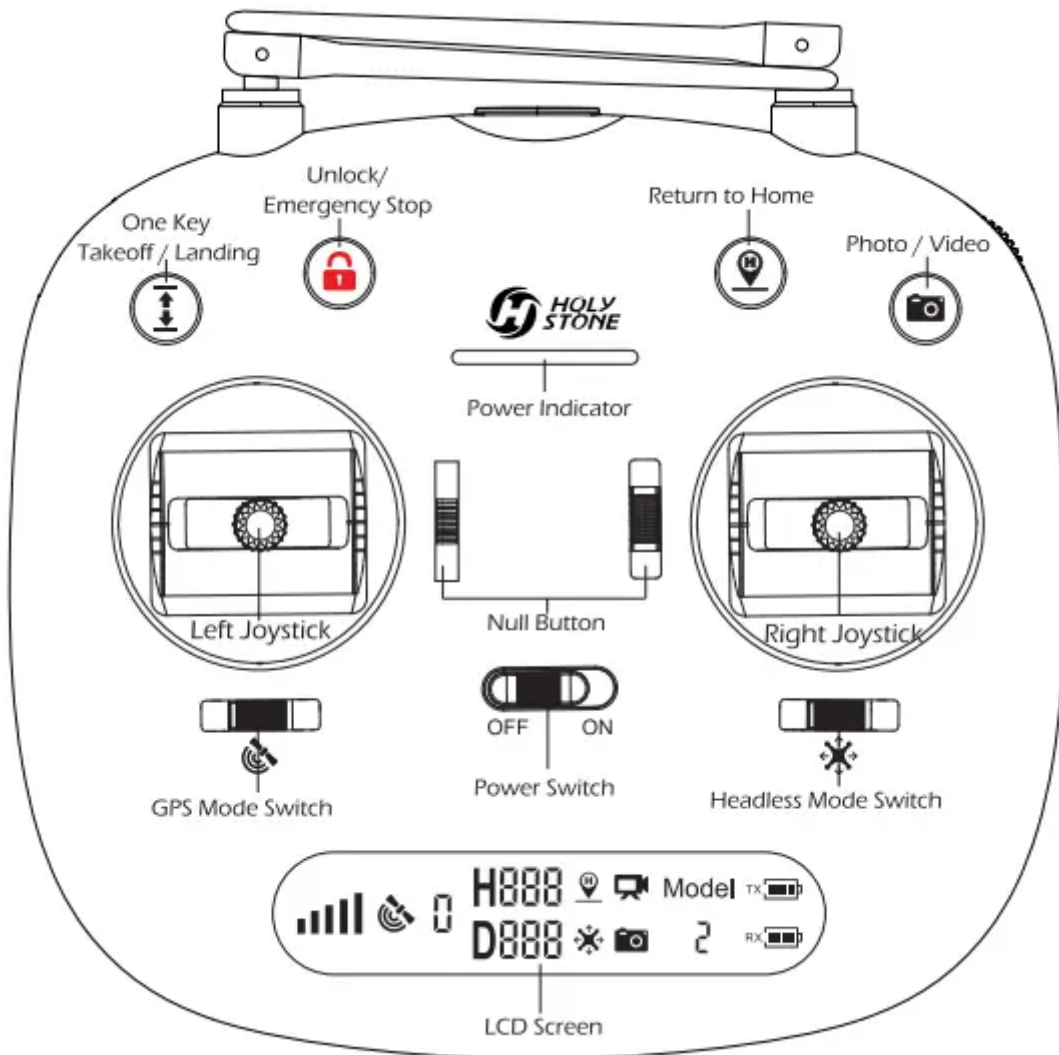
Pic 11




DRONE'S DETAILS




Transmitter Details

Transmitter Functions



- One Key Take off / Landing: One button take off, one button landing.
- Unlock / Emergency Stop:
 - Click  the motors rotate and the drone is unlocked.
 - Hold the button 3 seconds for Emergency Stop.
- Return to Home: The Return to Home function brings the drone back to the last recorded Home Point.
- Photo / Video: Click  to take a photo, hold the button for 2 seconds to take video.
- GPS Mode Switch: Turn on the transmitter. the default state is GPS mode. You can turn off the GPS by sliding the button. Check the icon "  "on the LCD screen to confirm GPS on or off.



- Headless Mode Switch: Turn on the transmitter, the default state is Non-headless mode. You can turn on the headless mode by sliding the button. Check the icon  on the LCD screen to confirm headless mode on or off.

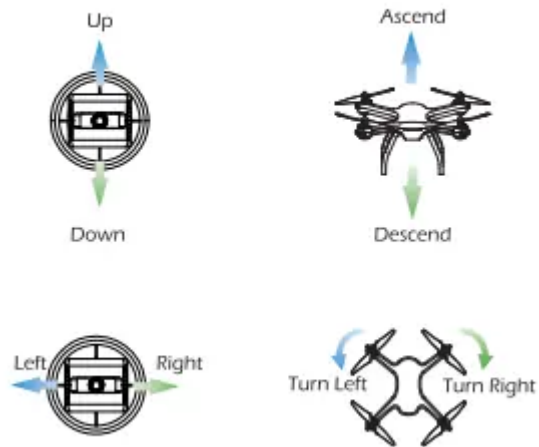
LCD screen Functions



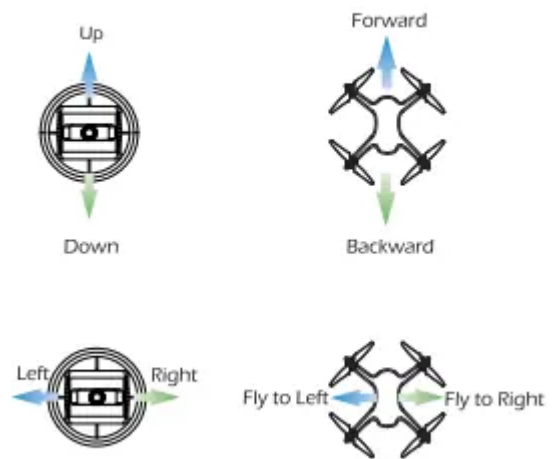
Mode switch

Mode 2: (Left-hand throttle Mode 2 will be default setting)

Left Joystick



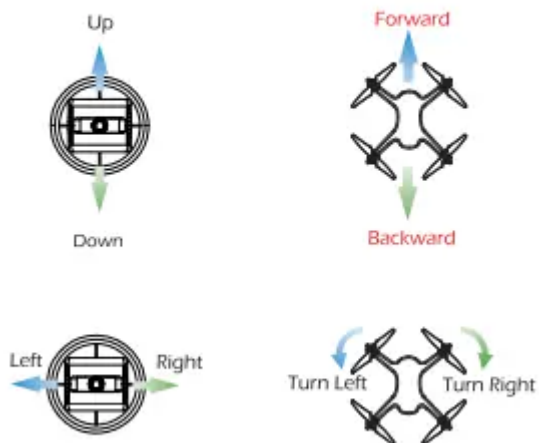
Right Joystick



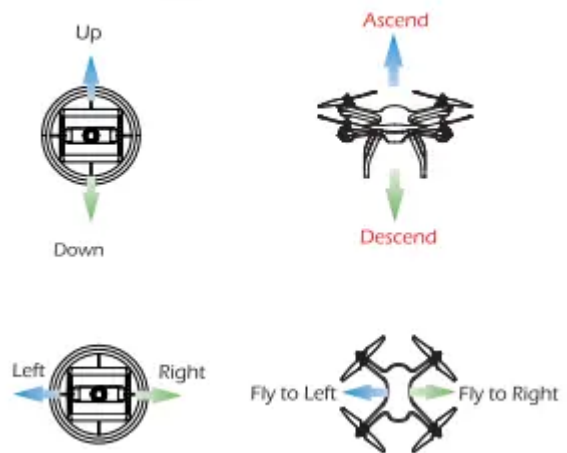
Mode 1:

1. Hold down the "🔒" and then turn on the power switch
2. Press the "📍" button 3 seconds enter Mode 1

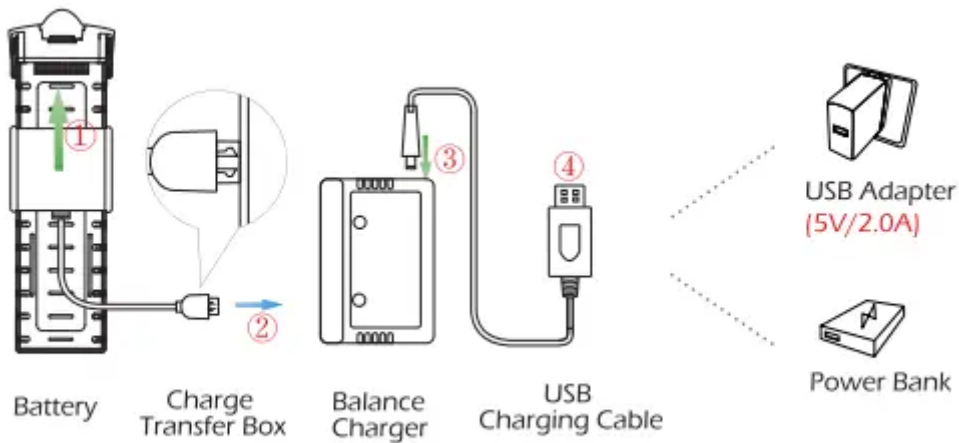
Left Joystick



Right Joystick



Charging



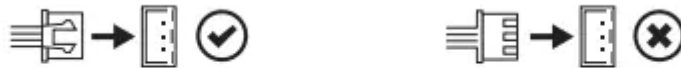
1. Connect the Battery, Charge Transfer Box, Balance Charger and USB Charging Cable.

2. Connect the USB Charging Cable to Power Bank or a USB Adapter (5V/2.0A for charge).

When the battery is charging, the green light will flash slowly and the red light will be on

When the battery is fully charged, the green light and red light will be on. Before charging, please check the contents of the “ Use of Battery” section of the “ Safety Guidelines” carefully!

Please insert the plug in the correct way. If it is inserted in reverse, the battery will not be able to be charged.



Operation Guide

All of the following operations on this manual under Mode 2

Download App



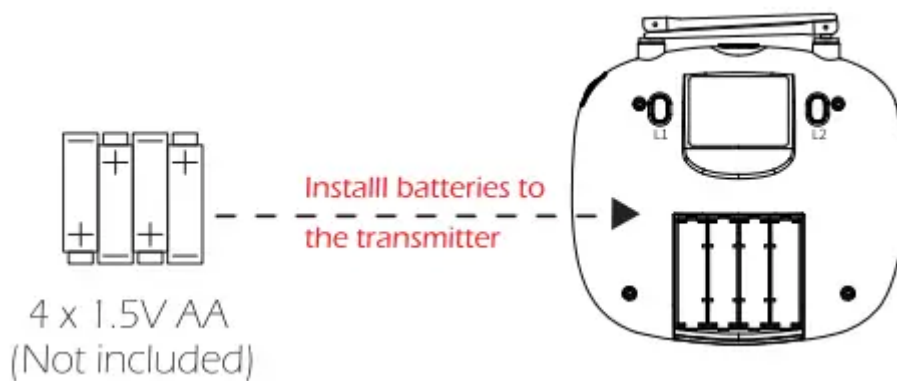
iOS



Android APP on Google play

- Scan the QR code, connect to the App Store™ or Google™ Play and download the "Ophelia GPS" application for free

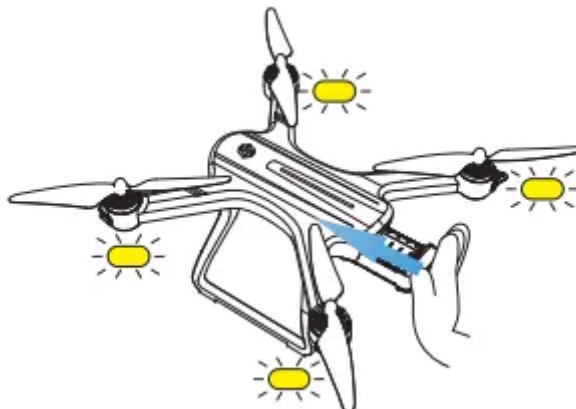
Transmitter's Battery



- Always pay close attention to battery polarity when installing the batteries to make sure they are fitted correctly

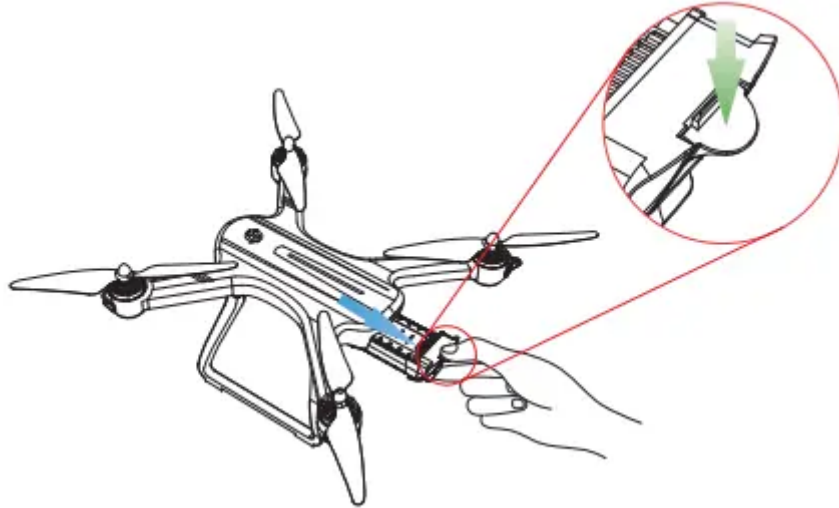
Drone's Battery

Installation



- Push the battery into the battery compartment, the yellow LED lights of the drone will flicker quickly.
- Make sure that you hear a click sound indicating the battery is firmly installed.

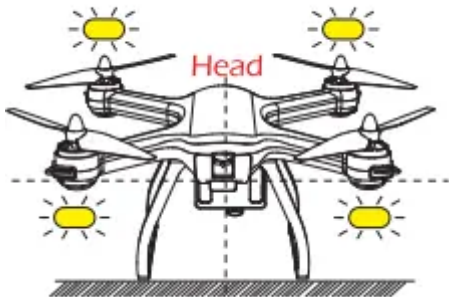
Battery Removal:




- Press the buckle on the back of the battery while pulling backwards to remove the battery.

Pairing


1. Place the drone on a level surface with the head forward



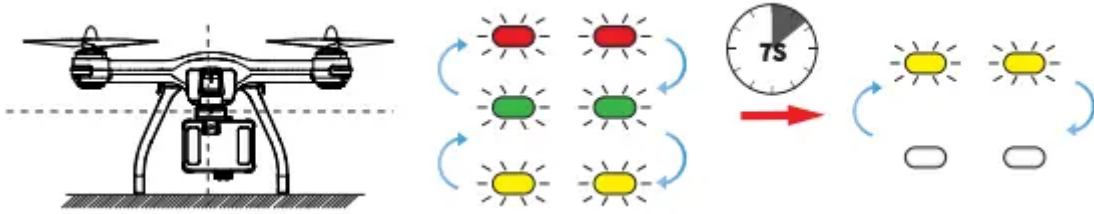
2. Hold the "  " button and slide the power switch to the right to power on the



transmitter

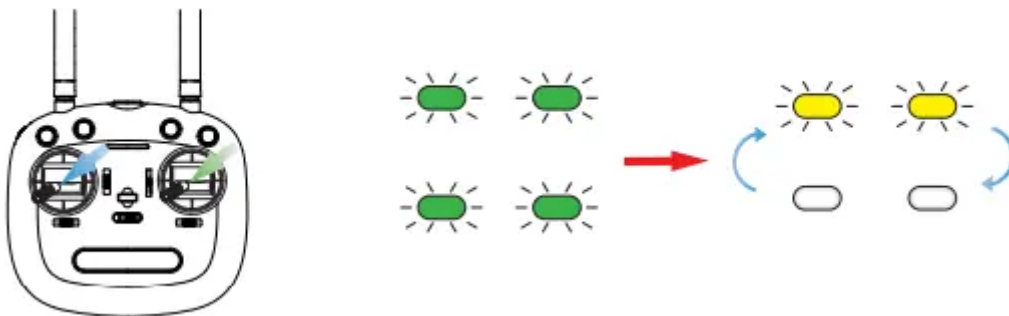
3. The “” icon on the transmitter LCD screen is full, the drone has pairing successfully.

Initialization Detection



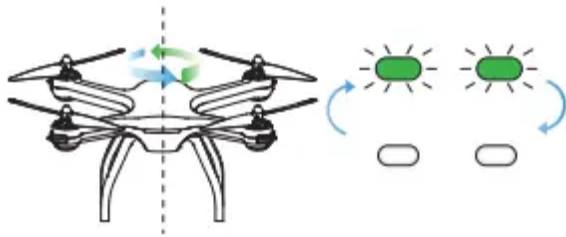
- Place the drone on the level surface and it will enter the “Initialization Detection’. The red, green and yellow LED lights of the drone will flicker alternately for about 7 seconds to complete the initial detection. At this time, the front and back yellow LED lights of the drone will flicker alternately. (If the transmitter is not turned on in time after the drone is turned on, the indicator light will turn yellow and flicker alternately.)

Calibrating the Gyro

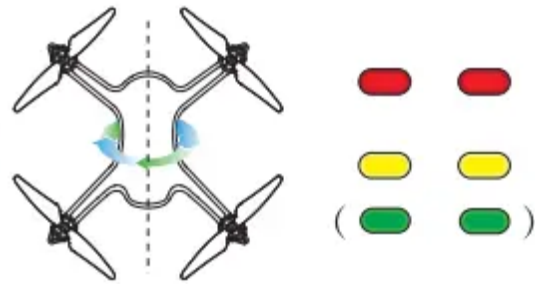


- Push both of the joysticks down to the bottom left. the green LED light will flash. Once the front and back yellow LED lights of the drone flicker alternately, it means the calibration is completed.

Calibrating the Compass



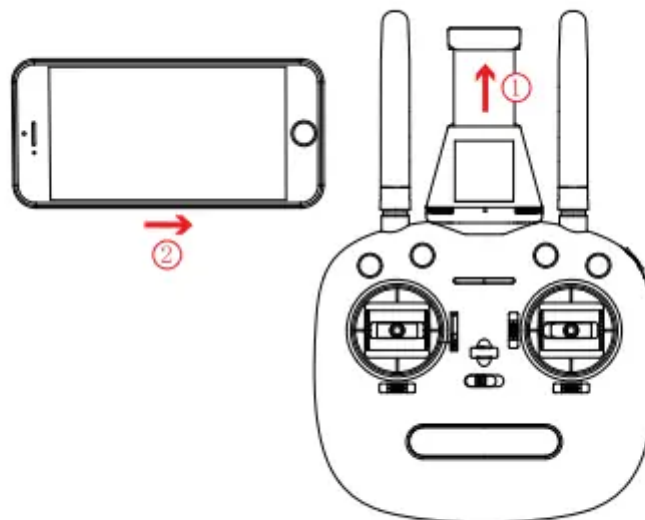
Pic 12



Pic 13

1. Hold the drone horizontally and rotate the drone for about 3 circles. And the **Green** lights of the drone will flicker alternately. (Pic 12)
2. Hold the drone vertically and rotate the drone for about 3 circles. The front **Red** lights and the rear **Yellow** light will turn to solid (Pic 13) (At this point, if the GPS receives a signal from 7 or more satellites, the indicator light of the drone will change to **Red** the front and **Green** in the rear.)

Using the Application



(Pull up the phone holder and lock the phone.)

(Pull up the phone holder and lock the phone.)

Connect your smart phone to the Wi-Fi of the Drone and check the drone's status on the "Ophelia GPS" App.

1. On your smartphone. launch a search of the available Wi-Fi networks:
2. Select the Wi-Fi network: HolyStoneFPV_*****
3. Wait for your smartphone connect to the Wi-Fi network of the drone. This connection is generally represented by the Wi-Fi logo appearing on your smartphone's screen
4. Enter the Ophelia GPS application > The connection between your smartphone and the Drone is established automatically.

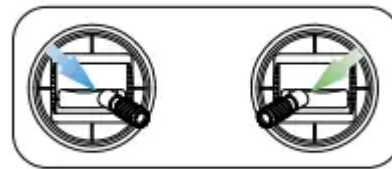
Unlock

Unlock the drone:

After the Compass calibration is completed. unlock the drone to fly



Pic 14



Pic 15

- Method 1: Press the Unlock button (Pic 14). The motors rotate and the drone is unlocked
- Method 2: Push the left stick to lower right corner and the right stick to the lower left corner at the same time (Pic 15) to unlock the drone.

Tips: After unlocking the drone. the motor will automatically stop rotating if drone isn't flown within 10 seconds.

Lock the drone:

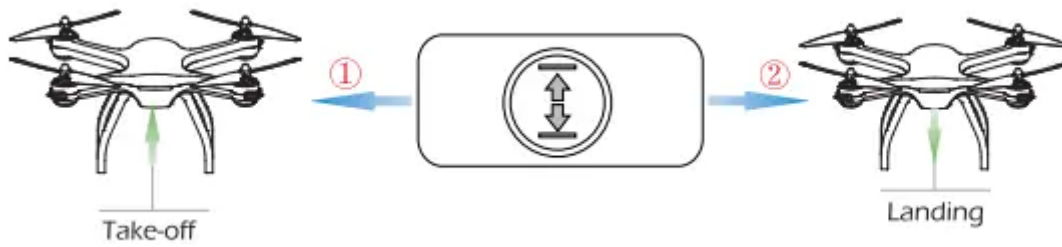


- After the drone lands on the ground, pull down the throttle stick to the bottom position and hold for 3 seconds, the motor will stop immediately. The drone is now locked.

One Key Takeoff/ Landing

1. After drone is unlocked, press the One Key Takeoff/ Landing button, the drone will automatically takeoff and hover at about 7~11 feet altitude.

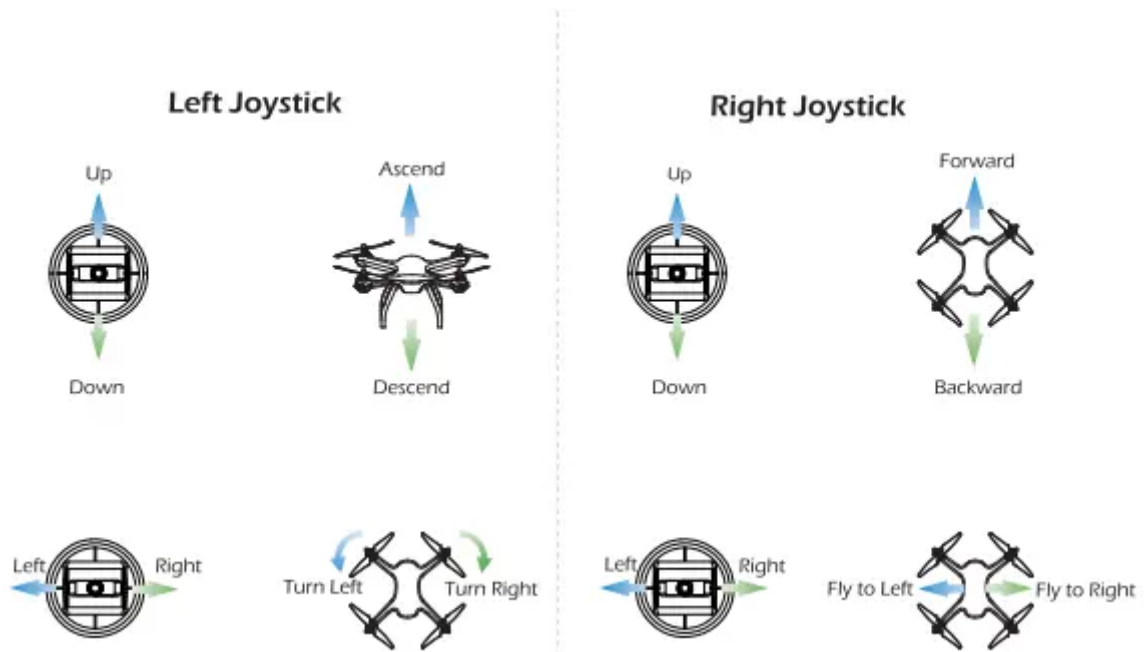
- When the drone is flying, press the One Key Takeoff/ Landing button again, the drone will automatically land on the ground



Tips: Before flying, make sure the GPS mode is turn on in case the drone is lost!

Flight Control

- Control the flight by using joysticks

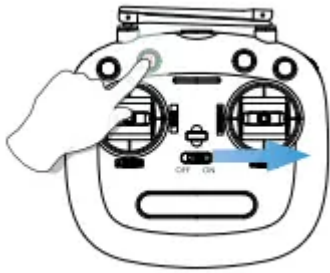


FUNCTIONS DETAILS


Transmitter Calibration

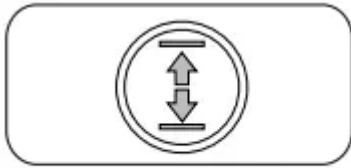
- Transmitter calibration has been completed by default. It is not necessary to calibrate the joystick unless pilot has felt abnormal stick travel.
- Please do not power on your drone when calibrating the joystick for the transmitter.

1. Simultaneously hold the  " slide the power switch to the right



Pic 16

2. Press"  " for 3 seconds. the transmitter send out 3 beeps. (Pic 17)




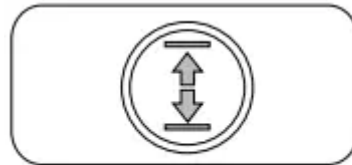
Pic 17

3. In a full circle, rotate both of left and right joysticks to any direction for 2 circles. (Pic 18)



Pic 18



- . Press  for 3 seconds. the transmitter will beep 3 times.



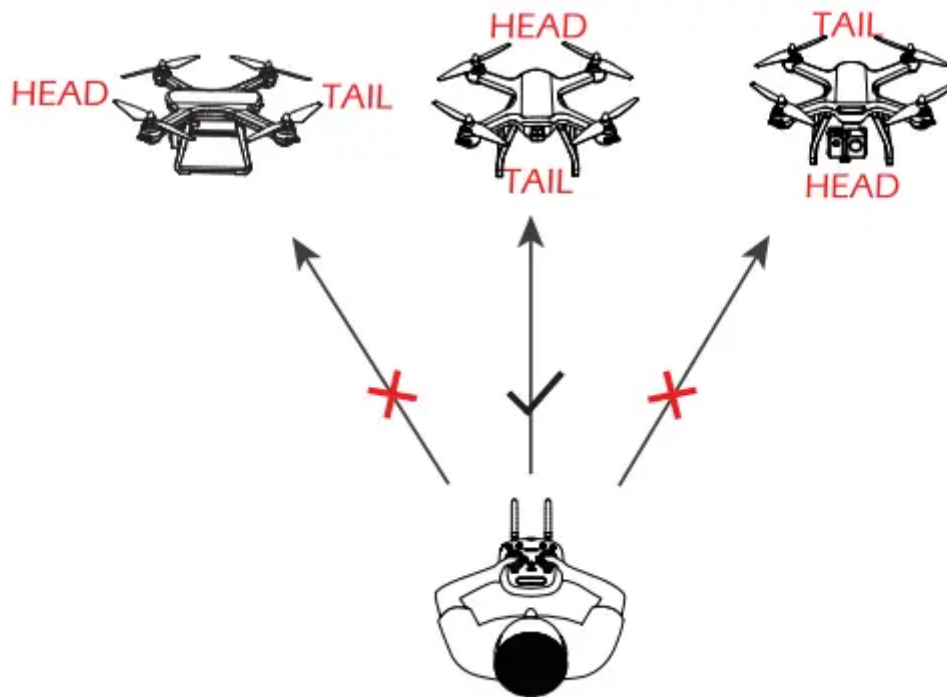
Pic 19

Transmitter calibration is now completed. (Pic 19)

Headless Mode

1. Slide the Headless Mode button, when the "  " icon appears on the LCD screen, it means to enter the Headless Mode
2. Slide the Headless Mode button again, when the "  " icon on the LCD screen disappears, it means to exit the Headless Mode.

(Each time the transmitter is turned on. the Headless Mode is turned off by default.)





Please make sure the pilot stays in the same orientation as the drone head is facing when the drone takes off.

- Under Headless Mode, the forward direction is the direction that the head of drone faces when the drone takes off.
- In order to make sure the pilot can tell drone's direction, we recommend that pilots stay in the same orientation as the drone head faces when the drone is taking off.
- If so, when the pilot pushes the direction joystick forward/ backward, the drone will fly forward/ backward toward him/ her. If the pilot moves the right stick left/ right, the drone will move left/ right relative to the pilot.

Return to Home(RTH)

- The Return to Home function brings the drone back to the last recorded Home Point.
- The Home Point is the location at which the drone takes off or during flight, the GPS receives a signal from 7 or more satellites for the first time, the current position of the drone will be recorded as the Home Point.


Smart RTH

- IF the GPS signal is available (7 or more satellites reception is recorded previously, press the  drone will fly back to the Home Point.
- Exit the RTH mode by pressing the  button again or push the Throttle Joystick

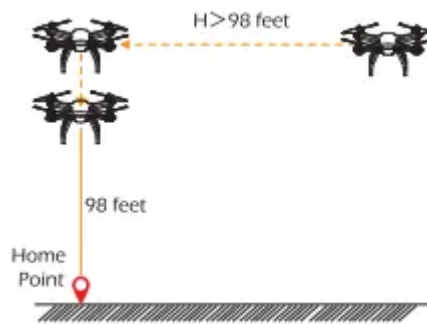
Failsafe RTH

- If the GPS signal is available (At least 7 satellites) and the home point is recorded previously. Failsafe Return will be triggered if the transmitter signal is lost for more than 6 seconds. The drone will automatically start the return procedure and it will fly back to the last recorded Home Point. You can exit "Failsafe RTH" mode by press the "Return to Home" button or push the Throttle Joystick if the transmitter signal is recovered
- During the Failsafe Return procedure. the drone can not avoid obstacles.
- The drone cannot Return-to-Home if the GPS signal is weak (satellites number is less than 7).
- If there is no GPS signal and transmitter signal lost for more than 6 seconds. the drone will not Return-to-Home but descend slowly until lands on the ground and locks the drone.

Low Voltage RTH

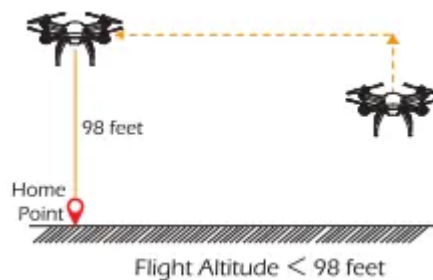
1. When the drone's rear lights flash slowly, the "  " symbol is displayed on the screen of the transmitter, the First Low Voltage RTH will be triggered. And the drone will return automatically in the following two conditions: (At this time, the drone can only fly within a safe range of no more than 98 feet in height and no more than 328 feet in distance.)

- When the flight altitude is higher: than 98 feet. the drone will fly back over the Home Point then descend automatically to 98 feet high and exit Home the




First Low Voltage RTH.

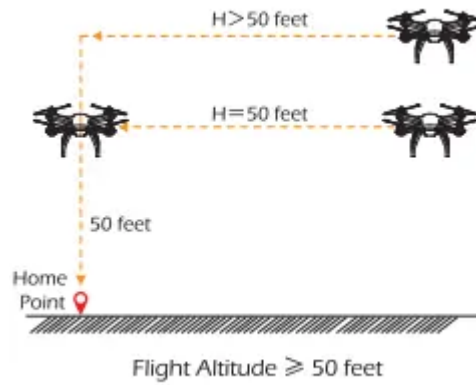
- When the flight altitude is lower than 98 feet, the drone will elevate automatically to 98 feet high then fly back above the Home Point and exit the First



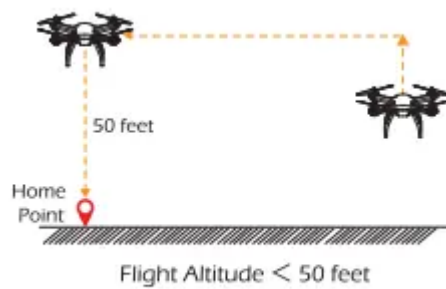
Low Voltage RTH

2. When the drone's rear lights flash quickly, the "  " symbol is displayed on the screen of the transmitter. and the transmitter sounds "Di. Di " At this moment. the Second Low Voltage RTH will be triggered

- When the flight altitude is higher than or equal to 50 feet, the drone will keep the current altitude and return above the Home Point then descend vertically.












- When the flight altitude is lower than 50 feet, the drone will elevate automatically to 50 feet high then fly back above the Home Point and descend



vertically.

Drone Status Indicator

Indicator Status		Meanings
	Front and rear lights flash light yellow quickly.	The drone is not connected to the transmitter.
	Alternate red, green and yellow lights flashing.	Drone is in Initialization Detection status.
	Front light turns solid red, rear light turns solid light yellow.	No GPS signal or weak GPS signal.
	Front light turns solid red, rear light turns solid green.	Good GPS signal.
	Front and rear lights flash green quickly.	Under the state of Gyroscope Calibration.
	Front and rear lights flash green alternatively.	Compass Horizontal Calibration completed.
	Front and rear lights flash yellow alternatively.	Initialization Detection completed or gyroscope Calibration completed.
	Front light turns solid red, rear light flashes red slowly.	Enter the First Low Voltage RTH.
	Front light turns solid red, rear light flashes red rapidly.	Enter the Second Low Voltage RTH.

TROUBLE SHOOTING

- When the drone is powered on, the indicator light keeps flashing rapidly.
 - The drone is in the gyroscope calibration state. Please place the drone on an flat and level surface
- The drone cannot hover after takeoff and tilts to one side.
 - Place the drone on a fiat, level surface and repeat the gyro calibration.
- The drone vibrated in flight.
 - Deformed propeller, replace the new propeller.
- The drone could not be unlocked and the rear light flashed.
 - The drone battery voltage is too low. Please fully charge the battery.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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