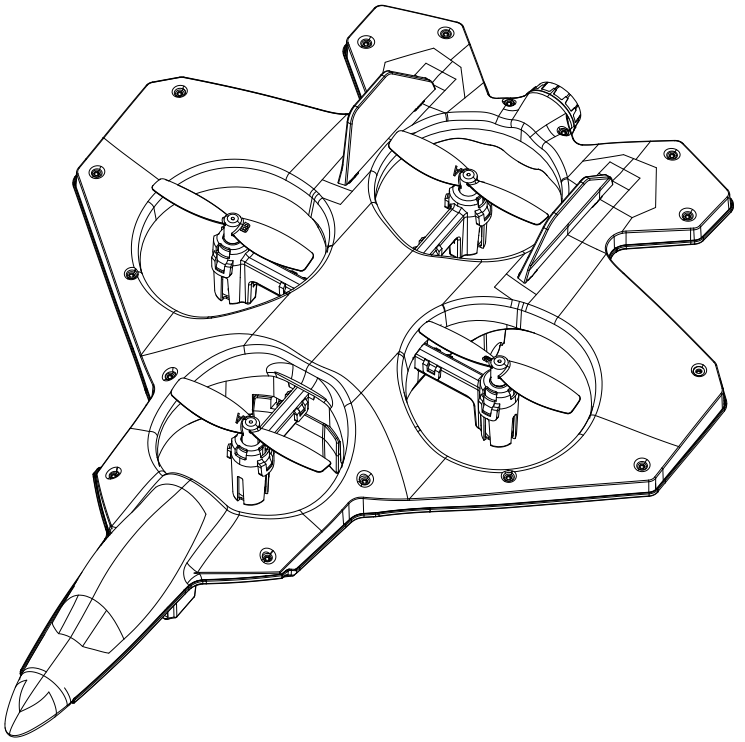
HS370S

User Manual | V 1.0



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Reading Guidance

Icon

“ ⚠ ” essential precautions.

“ 💡 ” tips for operation and usage.

Recommended Steps

Our product offers both tutorial videos and the following resources:

- User Manual
- Disclaimer and Safety Guidelines

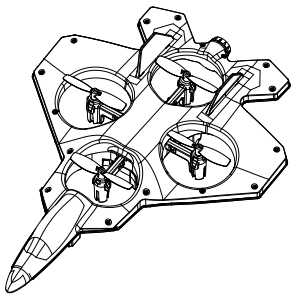
We recommend watching the tutorial video first. Then read the "Disclaimer and Safety Guidelines" to understand important usage precautions. For detailed product information please refer to the "User Manual".

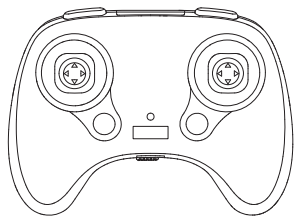
Access Tutorial Videos

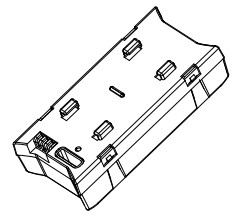
To ensure you're using the product safely and correctly, scan the QR code below to view our tutorial videos.

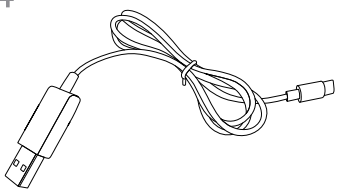
💡 We are committed to continuously improving user experience and reserve the right to update products. This manual may be revised without prior notice. Scan the QR code to access the latest version. In case of discrepancies between digital and printed editions, the electronic version shall prevail.

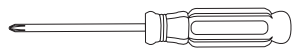
2.1 Package Contents >>

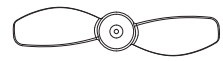
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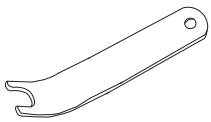
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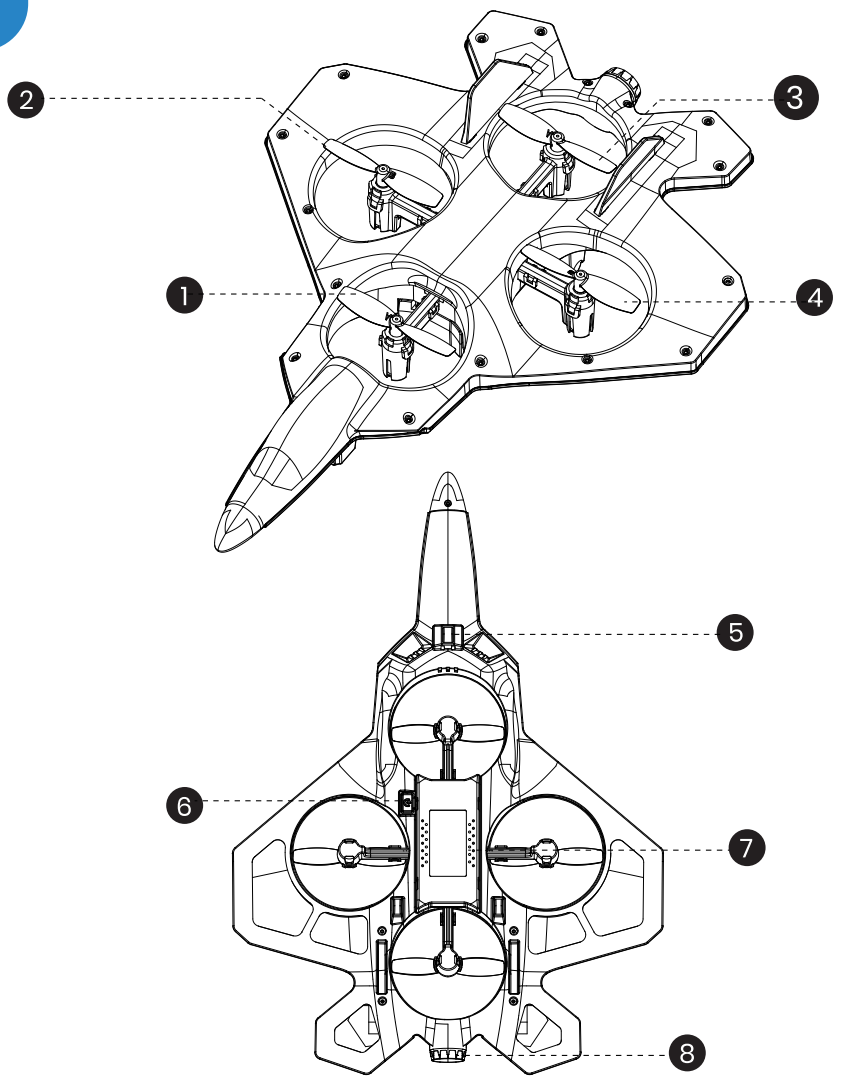
8 

1 Drone
2 Transmitter
3 Drone Battery
4 USB Charging Cable
5 Screwdriver
6 Propeller
7 Propeller Spanner
8 User Manual

Note: Please check all items for completeness immediately after unboxing.

2.2 Diagram of the Drone >>

Drone

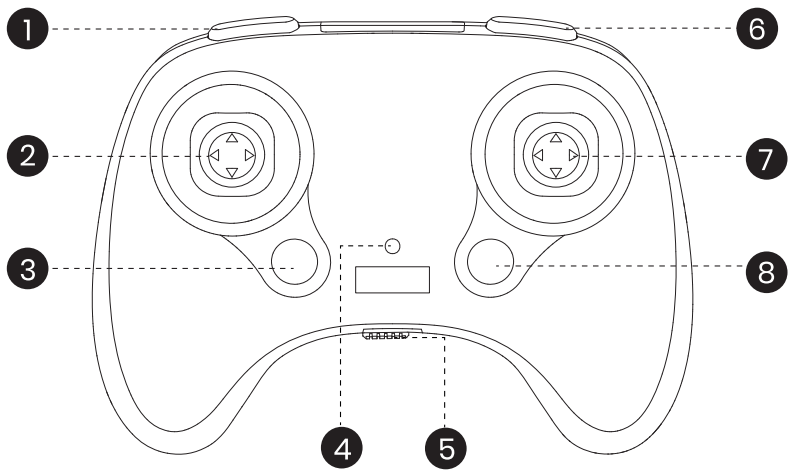


1 Propeller A
2 Propeller B
3 Propeller A
4 Propeller B
5 Searchlight
6 Power Button
7 Drone Battery
8 Rear Indicator Light

Turning on/off: Long press the power button (⏻) on the drone to turn it on/off.

2.3 Diagram of the Transmitter >>

Transmitter



1 Speed Switch: Short Press
Trimmer: Press Down

2 Left Joystick
Change Light Color: Short Press Down
Light Switch: Long Press Down

3 Takeoff/Landing: Short Press

4 Power Indicator

5 Power Switch

6 360° Flip: Short Press
Searchlight Switch: Long Press

7 Right Joystick
Circle Fly: Short Press Down
High-Speed Rotation: Long Press Down

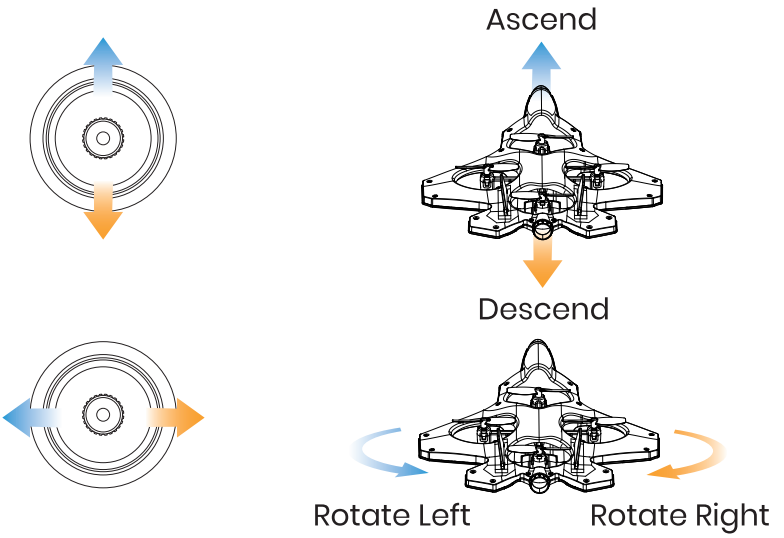
8 Light Mode Switch: Short Press
Headless Mode: Long Press

2.4 Control Stick Mode >>

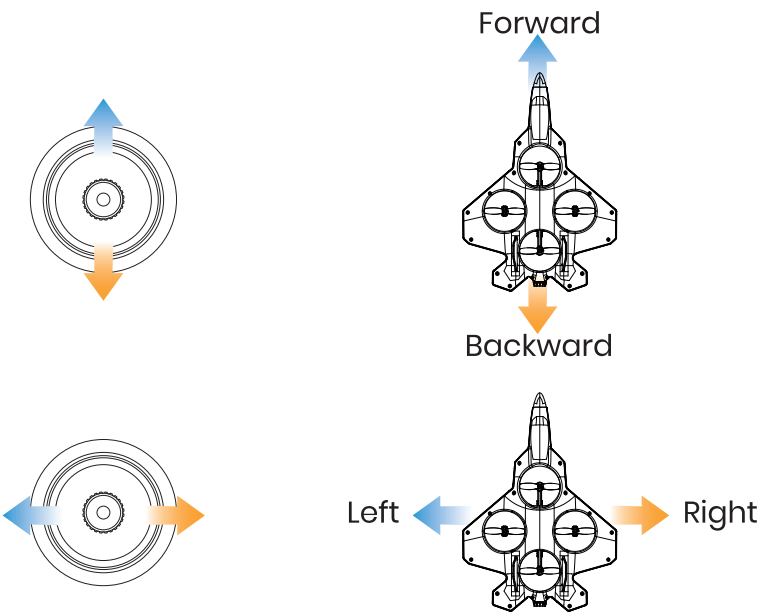
Mode 2 (Left Hand Throttle)

The joysticks of the transmitter can be used to control the drone movements. The joysticks can be operated in Mode 1 or Mode 2.
The default control mode of the transmitter is Mode 2. In this manual, all operations are demonstrated using Mode 2 controls.

Left Joystick



Right Joystick

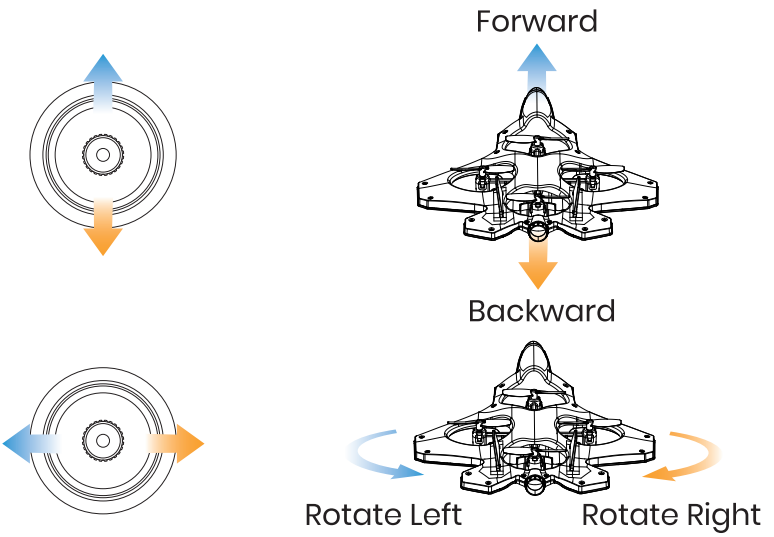


2.4 Control Stick Mode >>

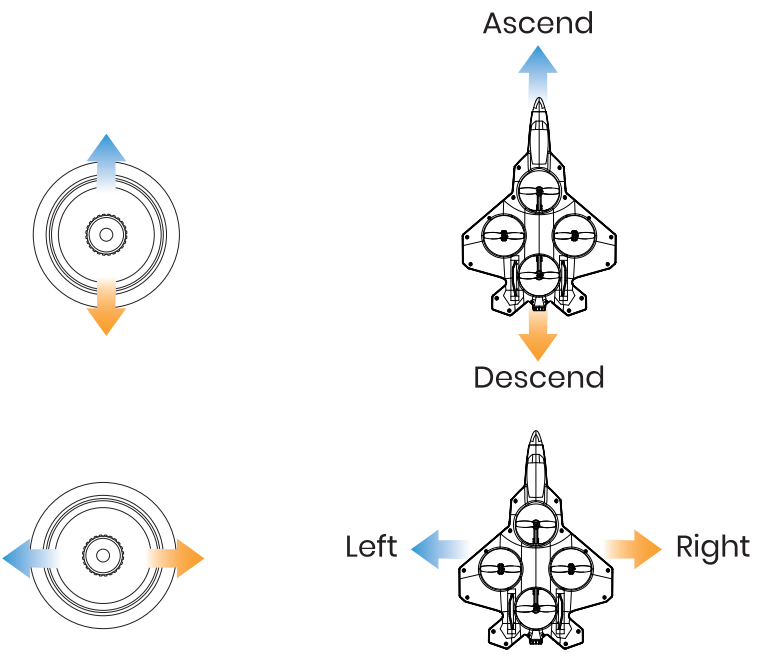
Mode 1 (Right Hand Throttle)

To enter Mode 1, long press the button while turning on the transmitter. (Please do not release the button until the transmitter is powered on.)

Left Joystick

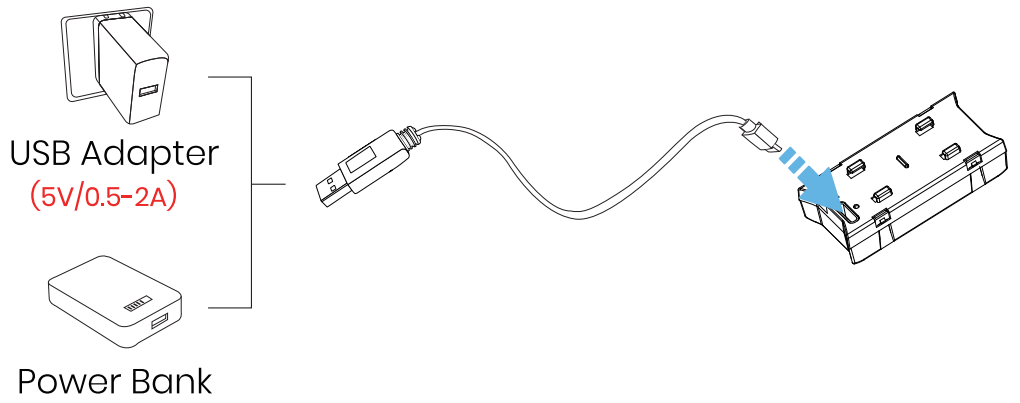


Right Joystick



3.1 Preparing the Drone >>

Battery Charging



1. Remove the battery from the drone and connect it to a USB charging cable.
2. Plug the USB charging cable into a USB charging port on a power bank or a USB adapter **(5V / 0.5 to 2.0A).**
3. a. During charging, the red indicator light on the USB charging cable is on.
   b. When fully charged, the green indicator light on the USB charging cable is on.
4. Charging time: about **90 minutes.**

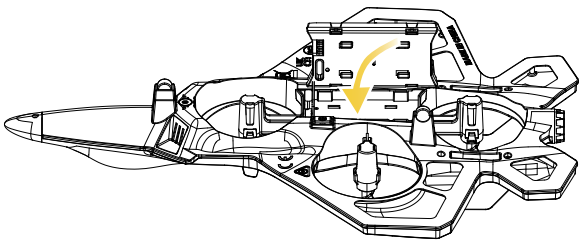
*** Low Battery Warning:** When the battery is low, the drone's indicator light flashes red, and the transmitter continuously beeps.

! · Before charging, please read the instructions in the "Battery Safety" section of the "Safety Guidelines & Specifications" carefully!
· DO NOT charge a battery immediately after a flight as the temperature may be too high. Please wait until it cools down to room temperature before charging again.
· Please use the original charging cable to charge the battery.

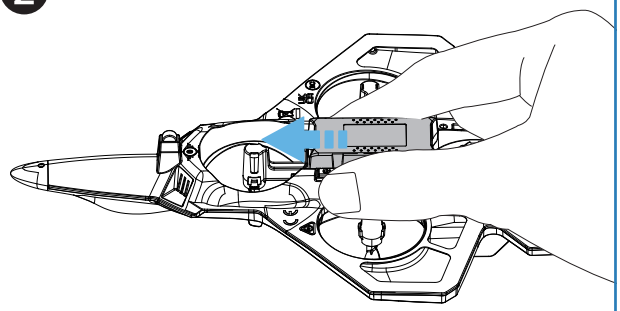
3.1 Preparing the Drone >>

Battery Installation

❶



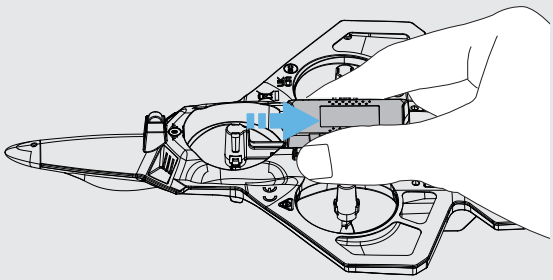
❷



Align the battery latch with the slot on the bottom of the drone. Slide the battery toward the searchlight until it clicks into place.

The battery should be installed firmly. Otherwise, the flight safety of your drone may be affected. The drone may crash due to a power-cut during the flight.

*** How to remove the drone battery?**

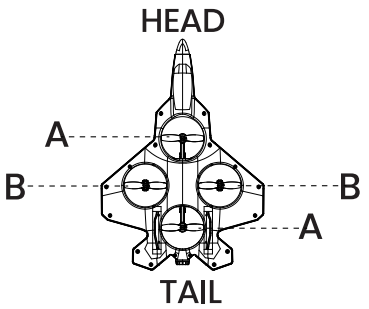


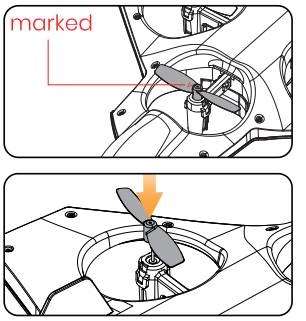
Hold the battery on both sides and pull it out in the opposite direction of the searchlight to remove it.

3.1 Preparing the Drone >>

Propeller Replacement

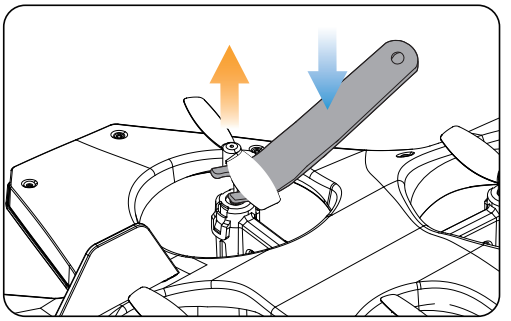
- **Installation:**





The drone will not fly unless the correct propeller is installed on the correct motor shaft. Each propeller is labeled with either an "A" or "B" on it. Install the propeller to the motor shaft and press into place.

- **Removal:**

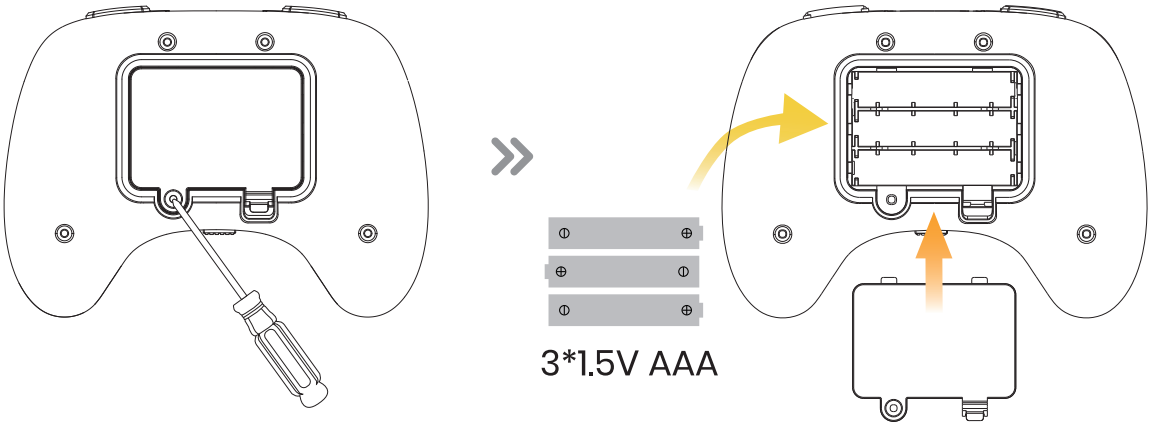


For propeller removal, insert the propeller spanner between the propeller and the motor. Be sure to hold the motor while detaching the propeller.

⚠ · The propellers are installed before the drone is packaged at the factory.
· Please check that the propellers are properly installed and tightened before each flight.
· Exercise caution when attaching/detaching the propellers to prevent any cuts or injuries.

3.2 Preparing the Transmitter >>

Battery Installation



Remove the battery cover on the back of the transmitter. Put in three AAA batteries (not included). Then, put the cover back on.

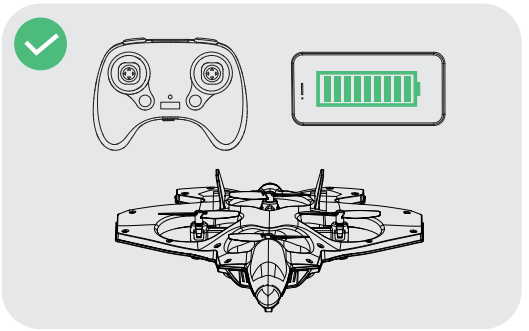
***Low Battery Warning:** The power indicator on the transmitter will flash, and the transmitter will emit continuous beeping sounds.

***Replacing battery:**
1.Remove the screw and open the battery compartment cover;
2.Place the battery in the correct position when using;
3.Replace the battery compartment cover and screw.

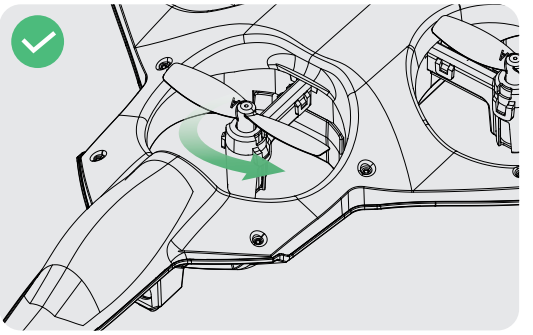
· Install batteries carefully, following the correct polarity (+/-).
· Do not mix old and new batteries.
· Do not mix different types of batteries.

3.3 Pre-Flight Checklist >>

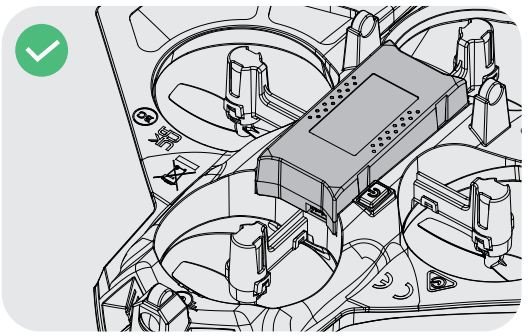
Do not take off until the following checks have been completed.



Make sure the transmitter, the mobile phone and the drone battery are fully charged.



Make sure that there is nothing obstructing the motors.



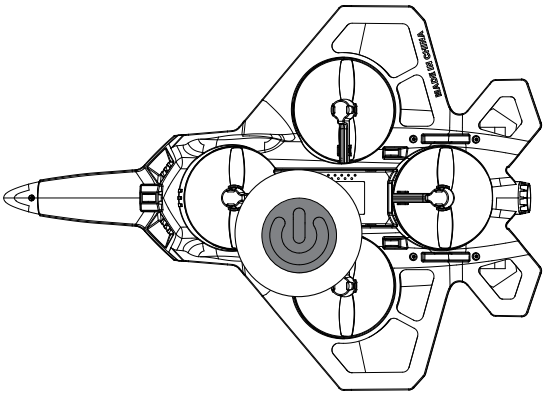
Make sure the drone battery and the propellers are mounted securely.



Make sure you use accessories provided by this company.

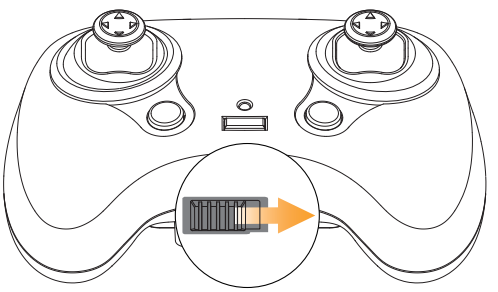
4.1 Power On / Power Off >>

Power on the Drone



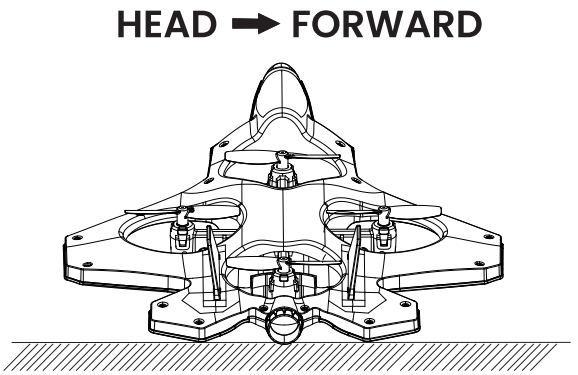
Long press the ⏻ button to power on the drone.

Power on the Transmitter



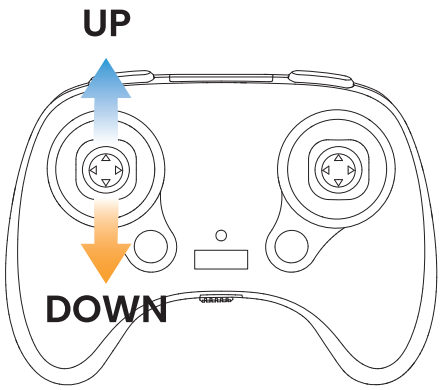
Slide the power switch to the RIGHT to power on the transmitter.

4.2 Pairing >>



❶

Place the drone on a flat, level surface with its head facing forward and the tail facing the operator.



❷

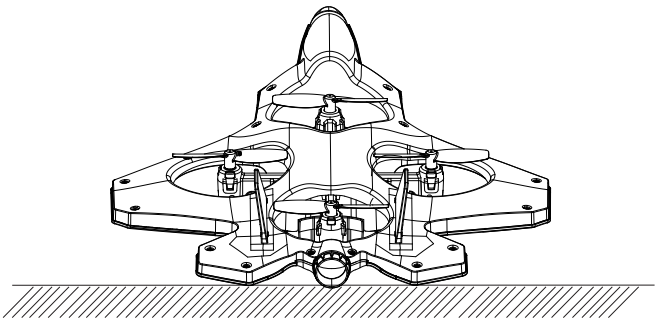
Move the left joystick **up and then back down** to pair the drone with the transmitter. Successful pairing is confirmed when the drone's indicator lights turn solid.

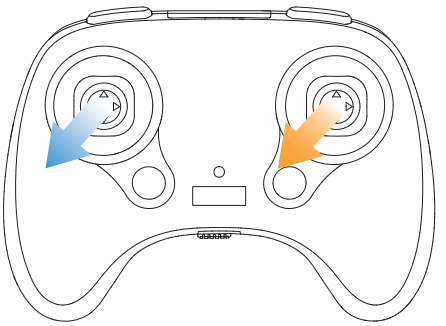
*** How to confirm successful Pairing?**

Both the drone's indicator light and the transmitter's power indicator light remain steadily lit.

4.3 Gyroscope Calibration >>

Perform calibration if any of the following conditions occur:
1. Before first use.
2. Noticeable drifting after takeoff.
3. After the drone has experienced a collision or drop.



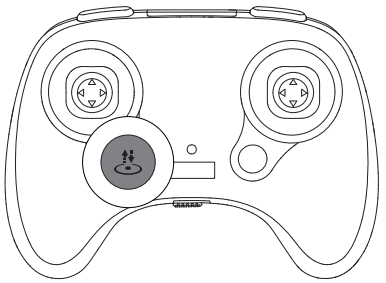


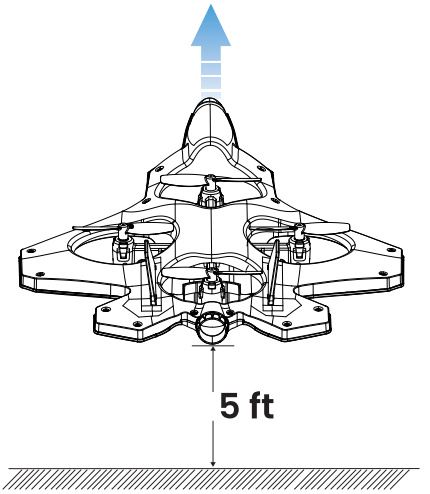
Make sure to place the drone on a level surface before calibrating the gyro.
Simultaneously push the left joystick and the right joystick to **the bottom left corner** to calibrate the gyro.
The indicator lights on the drone will blink, then turn solid, which indicates that the calibration is completed.

Do NOT perform calibration under the following conditions:
1. The drone is placed on an uneven surface.
2. The drone is moving or shaking.

4.4 Takeoff/Landing >>

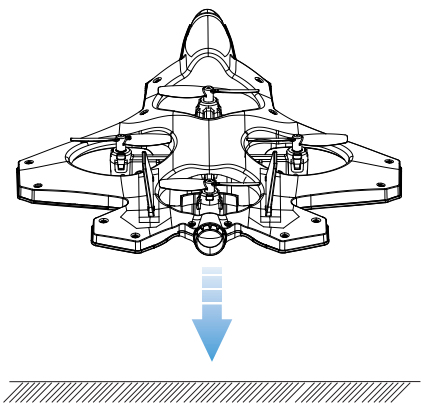
Takeoff





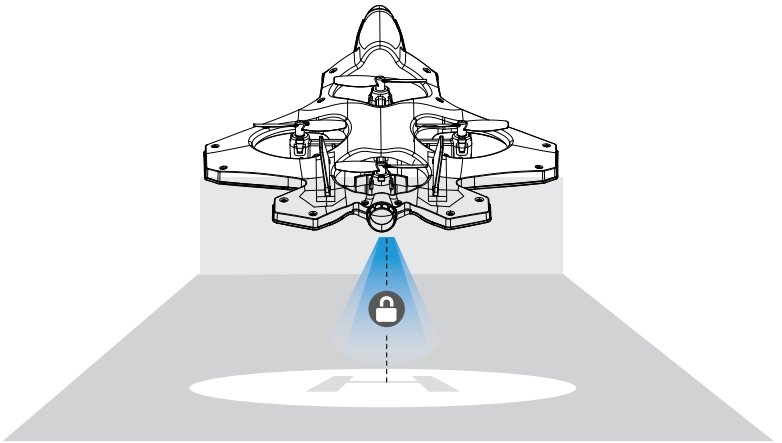
Short press the button to make the drone take off automatically. The drone will take off automatically and hover at **5 ft**.

Landing



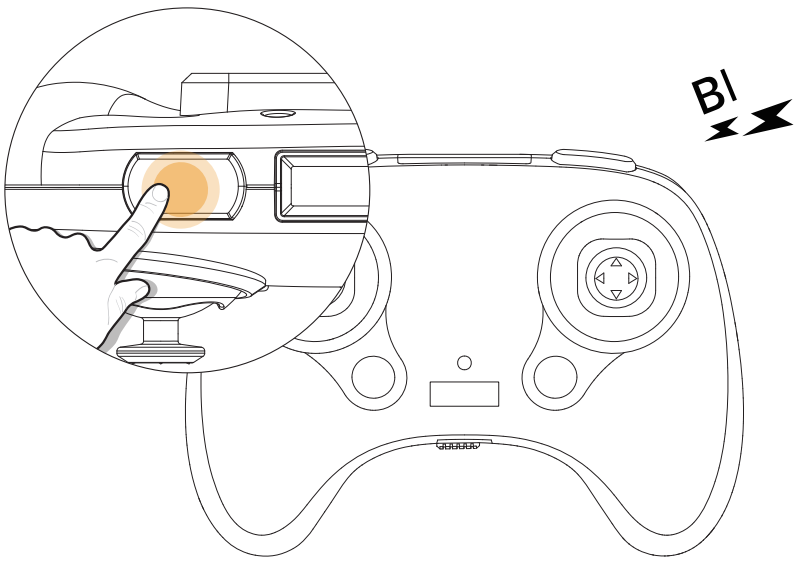
During the flight, short press the button, the drone will land on the ground automatically.

4.5 Altitude-Hold Function >>



The drone is designed with an **altitude-hold** function to maintain its altitude after releasing the left joystick. (The left joystick will automatically spring back to the middle)

5.1 Speed Switch >>



This drone comes with 3 speed modes (Low/Medium/High). Short press the button to switch between low, medium, and high speed. The transmitter beeps once to indicate Low Speed, beeps twice to indicate Medium Speed and beeps three times to indicate High Speed.
The low speed is 3 ft/s. The medium speed is 4.6 ft/s. The high speed is 6 ft/s.
(The Low Speed is the default speed mode. The Low and Medium Speed modes are not suitable for outdoor flight.)

5.2 Trimming ››

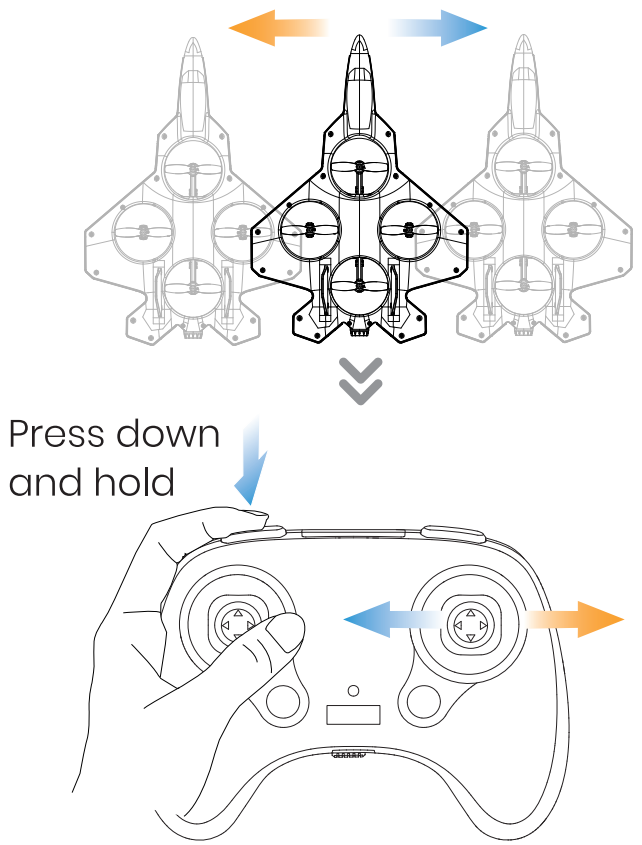
Trim adjustments are designed to counter drifts not caused by airflow.

1 Initiate Trim Mode :

Press down and hold the button throughout the trimming process.

2 L/R Sideward Trim :

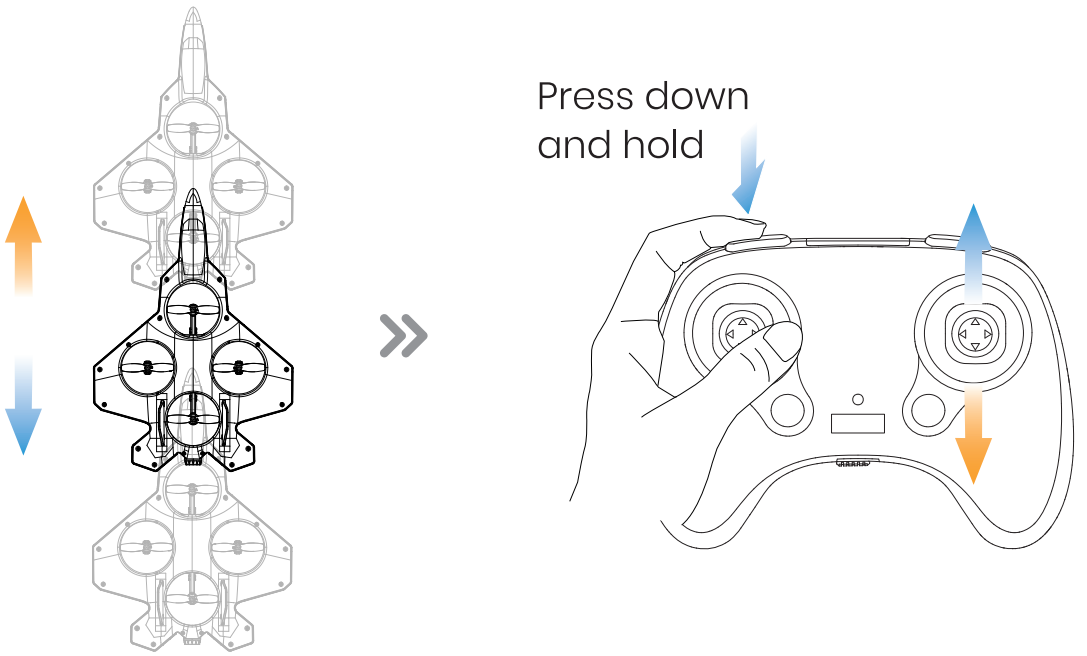
- If the drone drifts to the right, push the right joystick to the left.
- If the drone drifts to the left, push the right joystick to the right.



5.2 Trimming ››

3 F/B Sideward Trim :

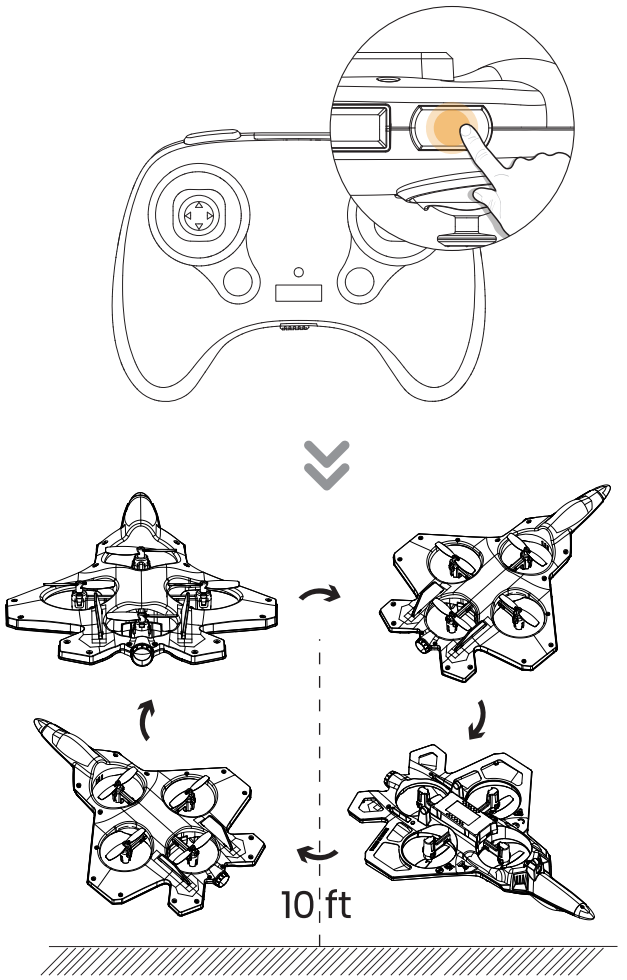
- If the drone drifts backward, push the right joystick upward.
- If the drone drifts forward, push the right joystick downward.



4 Deactivate Trim Mode :

Once adjustments are made, release the button to exit trim mode.

5.3 360° Flip >>



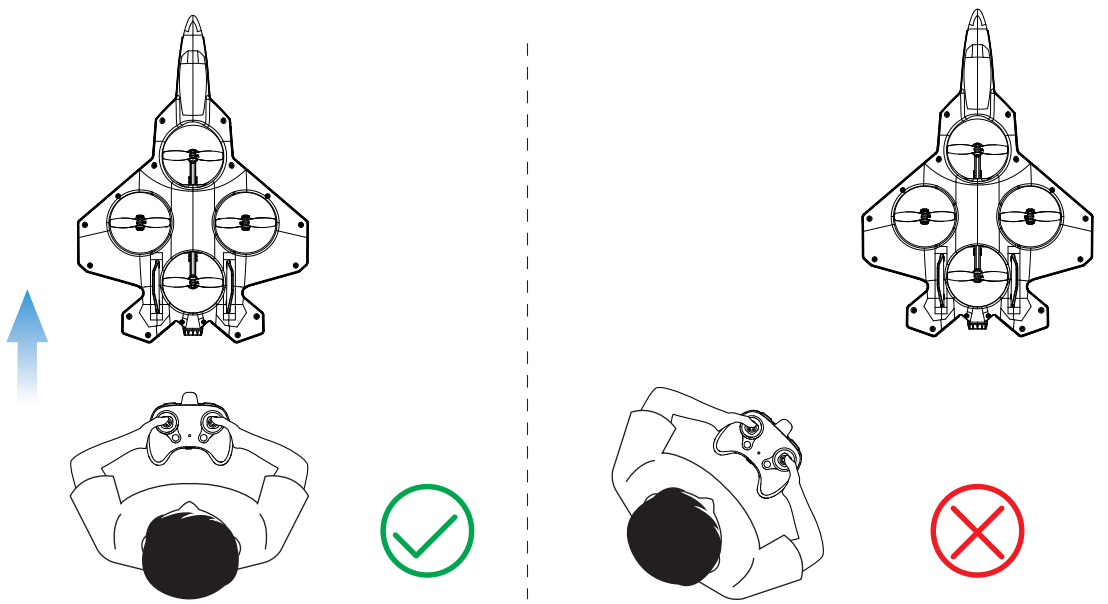
When you get familiar with all the functions of the drone, you can try this amazing flip mode. When the drone is at least 10 ft from the ground.

Short press the FLIP button, then push the right joystick forward/backward or leftward/rightward. The drone will do a flip toward the corresponding direction.

The 360° Flip function better when the battery is fully charged. And when the battery is low, the function is unavailable.

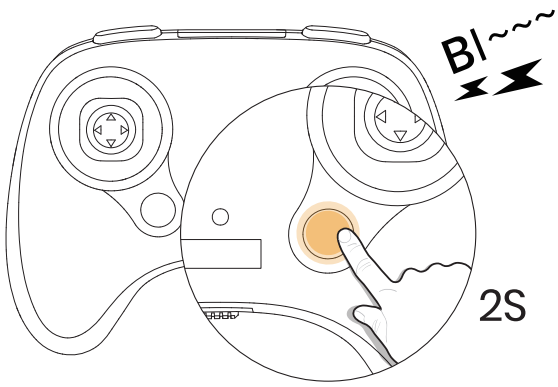
5.4 Headless Mode >>

The Headless Mode is a great training tool for beginner pilots. It is also useful when the drone is too far from the pilot **(which makes it difficult to tell its orientation)**.
It keeps the drone traveling forward, backward, left, or right when you move the right joystick in those directions, regardless of which way the front of the drone is pointed.



The pilot should stay facing the same direction that the drone’ s head points to when it takes off.

5.4 Headless Mode >>



1. **ACTIVATING:** Long press the button to activate this mode. While in Headless Mode, the indicator light will flash continuously, and the transmitter will beep continuously.

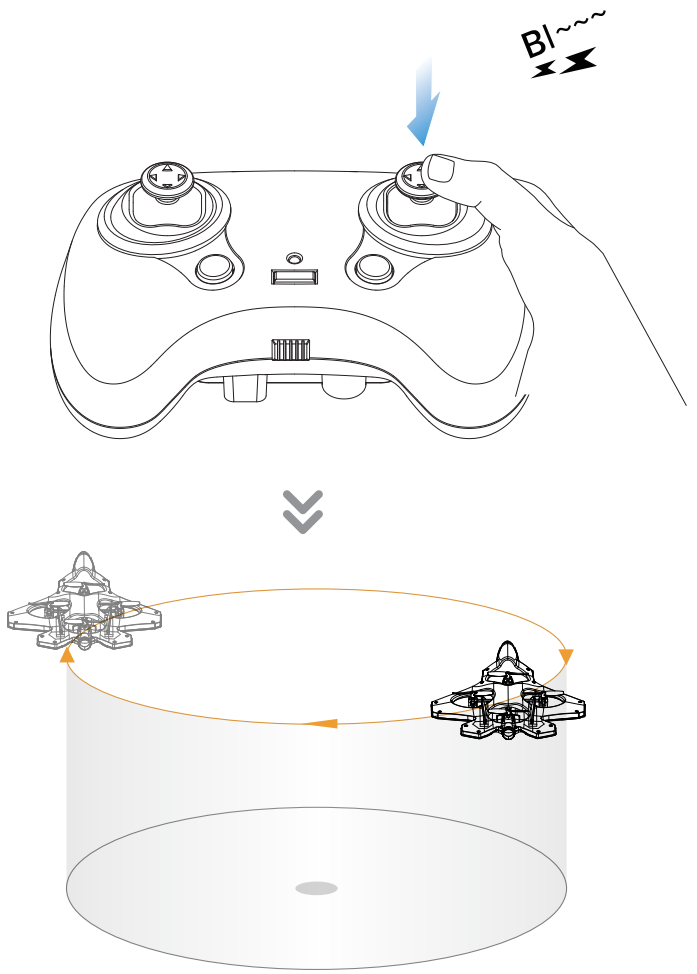
2. **DEACTIVATING:**Long press the button once more. A prolonged beep will sound, and the indicator light will return to a steady glow, indicating the drone has successfully exited Headless Mode.

*** Why is the orientation of the drone important?**

In normal flying mode, the control of the drone movement can sometimes be counter-intuitive for beginners. For instance, when the drone is in the air with its head pointing to your right, if you push the right joystick forward, the drone will fly to your right, instead of flying forward.

With the headless mode, the drone has a fixed "head." In Headless Mode, the drone always remembers the side its head points to during takeoff as the front side. This means that if the drone takes off with its head pointing forward, it doesn't matter how the drone is oriented in the air, when you push the right joystick forward, the drone will fly forward. Or, when its head is pointing to you, if you push the right joystick to the left, the drone will fly to your left.

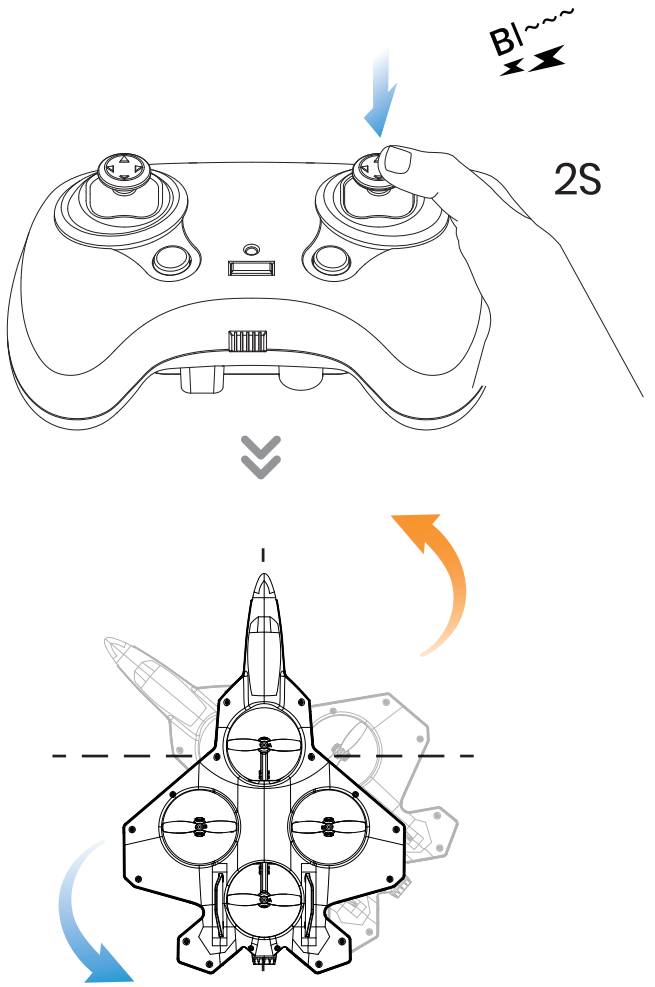
5.5 Circle Fly >>



Short press down the right joystick, the transmitter will once beep, which indicates that the drone has entered the Circle Fly function. Exit the Circle Fly mode by long pressing the same button again or pushing the right joystick in any dircetion.

Circle Fly function better when the battery is fully charged. And when the battery is low, the function is unavailable.

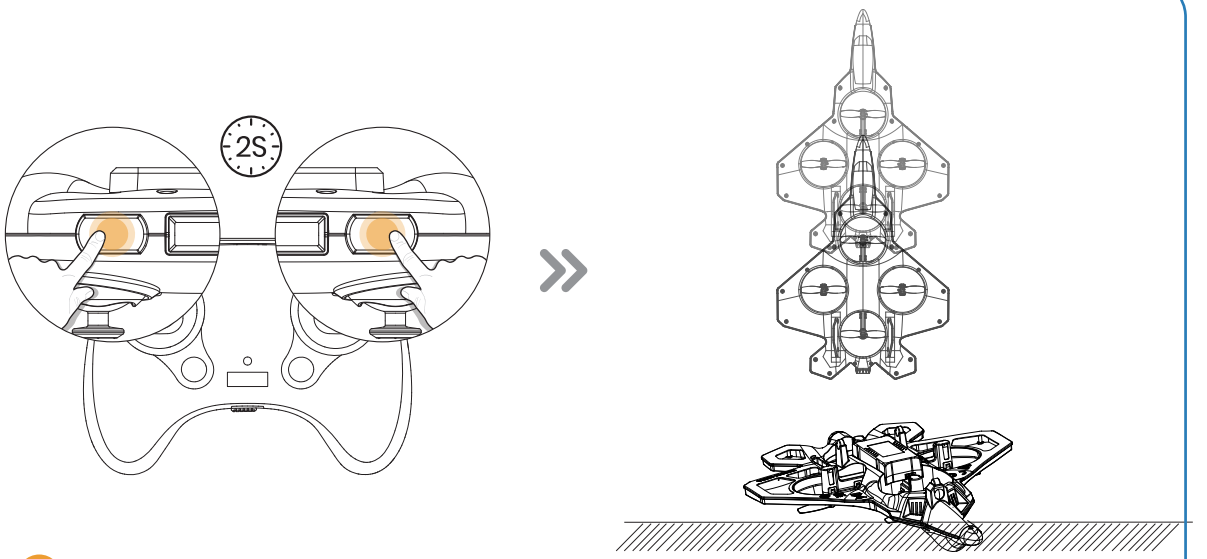
5.6 High Speed Rotation >>



Long press down the right joystick, , the transmitter will make a long beep, the drone begins to rotate quickly. Exit the High Speed Rotation mode by long pressing the same button again or pushing the right joystick in any direction.

High-Speed Rotation function better when the battery is fully charged. And when the battery is low, the function is unavailable.

5.7 Emergency Stop ››



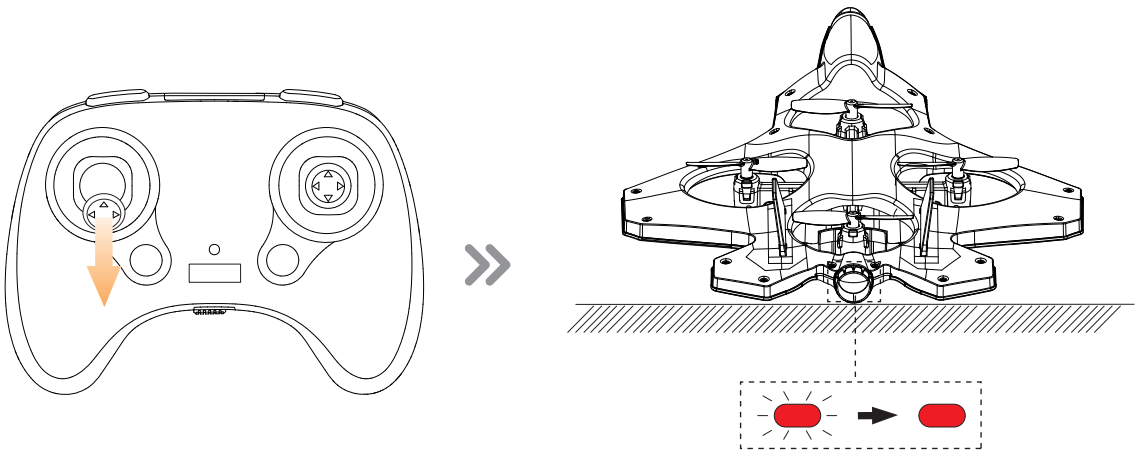
1

Press and hold both top buttons at the same time to activate the Emergency Stop function, the motors will stop immediately.

⚠ · When the Emergency Stop is triggered, the propellers will immediately stop spinning, and the drone will lose control, falling freely from its current height. This could potentially hit people or anything in surrounding, leading to injury or damage to valuable items.

· The Emergency Stop should only be triggered in emergency situations to minimize risk and reduce damage. Emergency situations include, but are not limited to: the drone losing control and colliding with people or animals or items, hair or other objects becoming entangled in the propellers, or the drone posing a threat to the safety of other aircraft, where immediate flight cessation or an immediate stop of the propellers is required.

5.7 Emergency Stop ››

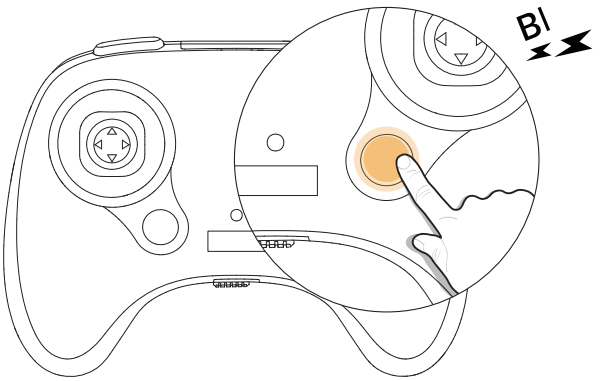


2

After the drone hits the ground, the drone indicator lights will flash quickly. **Please put the drone on a level surface** again, and **push the left joystick downward**. The indicator lights then turn from flashing to solid, which indicates that you can use the drone now.

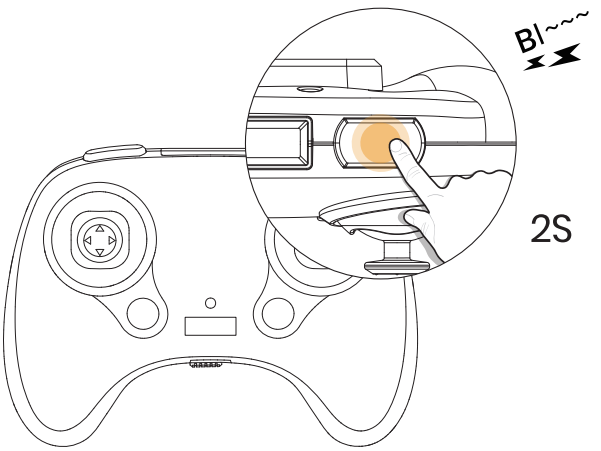
If the drone’ s indicator lights flash after a collision or drop, performing this procedure will return the lights to a solid state and restore control.

6.1 Light Mode Switch >>



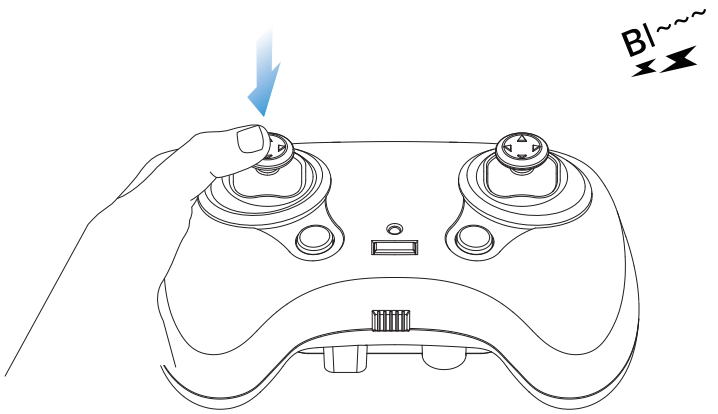
This drone comes with colorful lights. Short press the Light Switch button once to change the light status. Every time the light status changes, the transmitter will beep once.

6.2 Searchlight Switch >>



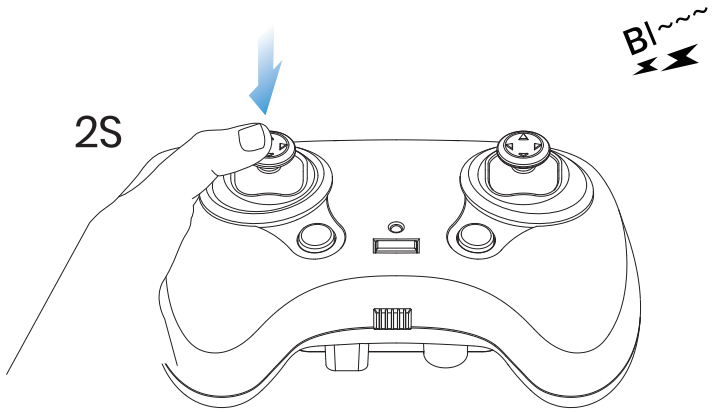
The searchlight is on by default when powered on. Long press the FLIP button to turn it off. Long press the button again to turn it on.

6.3 Change Light Color >>



Short press the left joystick once to switch the light color. The transmitter beeps once each time the light color changes.(The light color can only be switched in solid color mode.)

6.4 Light Switch >>



The drone's lights are on by default when powered on. Long press the left joystick to turn them off. Long press it again to turn them on.

7.1 Specifications >>

- **DRONE:**

Model: HS370S	Weight: 66 g/ 2.33 oz
Max Flight Time: 7 minutes(in a windless environment)	
Max Flight Speed: 5.9 ft/s	Max Flight Height: 66 ft/ 20 m
Max Wind Speed Resistance: 4.9 ft/s	
Operating Temperature Range: 32° to 104°F (0° to 40°C)	
Size: 240 × 170 × 45 mm	

- **DRONE BATTERY:**

Model: 802540	Capacity: 800 mAh
Voltage: 3.7 V	Max Charging Voltage: 4.2 V
Energy: 2.96 Wh	Charging Time: about 90 minutes
Battery Type: Lithium-ion Polymer Battery	
Charging Temperature Range: 41° to 104°F (5° to 40°C)	

- **TRANSMITTER:**

Operating Frequency: 2.4 GHz	Max Flight Distance: 164 ft/ 50 m (unobstructed)
Operating Temperature Range: 32° to 104°F (0° to 40°C)	
Battery Type: 3 × AAA Battery (not included)	

- **USB CHARGING CABLE:**

Input: 5V/2A	Rated Power: ≤10 W

7.2 Contact Information >>

Please do not hesitate to contact us if you need further support.

usa@holystone.com (America)
ca@holystone.com (Canada)

+1 (833) 766-4733

7.3 Troubleshooting >>

ISSUES	POSSIBLE CAUSES	SUGGESTED SOLUTIONS
The indicator lights of the drone are flashing and do not respond to the transmitter.	Insufficient battery power.	Recharge the battery.
	The transmitter is not paired to the drone.	Pair the drone and transmitter again.
The propellers spin, but the drone cannot take off.	The propellers are installed in the wrong orientation.	Install the propellers in the right orientation.
	The propellers are distorted.	Replace the propellers.
The drone cannot stay balanced in flight.	The motor doesn' t work properly.	Replace the motor.
	The propellers are distorted.	Replace the propellers.

7.4 Compliance Information >>

FCC Notice :

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.

The Supplier's Declaration of Conformity is available at the following address:

https://www.holystone.com/Download/US/HS370S_FCC_sDoC.pdf

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure :

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body. This part belongs to the drone.

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmier must not be co-located or operating in conjunction with any other antenna or transmier.

The portable device is designed to meet the requirements for exposure to radio waves established by the FCC/ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue.

7.4 Compliance Information >>

IC Statement :

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada' s licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
L' émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d' Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.
L' exploitation est autorisée aux deux conditions suivantes :
(1) L' appareil ne doit pas produire de brouillage;
(2) L' appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d' en compromettre le fonctionnement.

CAN NMB-003 (B) :

RF Exposure
Radiation Exposure Statement:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.
Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre lasource de rayonnement et votre corps.

Manufacturer Information :

Manufactured by Xiamen Huoshiquan Import & Export CO.,LTD
Address: Unit 1, Room 501, Hongxiang Building, No.258 Hubin Nan Road, Siming District, Xiamen, China
+1 (833) 766-4733

MADE IN CHINA(CN)


HOLY
STONE
Dare to fly. Soar to live.