

Important statement

1. This product is applicable to teenagers and adults over the age of 12. This remote controlled Six-axis drone has certain difficulties at the early stage of learning. Suggest only fly under the guidance of someone with operational experience.
2. This product is designed with high and new technology in many aspects such as electronics and machinery. For those with less experience operator, it should be kept away from people during flight. We are not responsible for any serious personal injury or property loss which may result from improper operation.
3. Once the product is sold, we will not assume any safety responsibilities such as accidents occurred during operation or use.
4. In case of problems of use, operation and maintenance, you can contact local dealers to provide technical support or after-sales service.

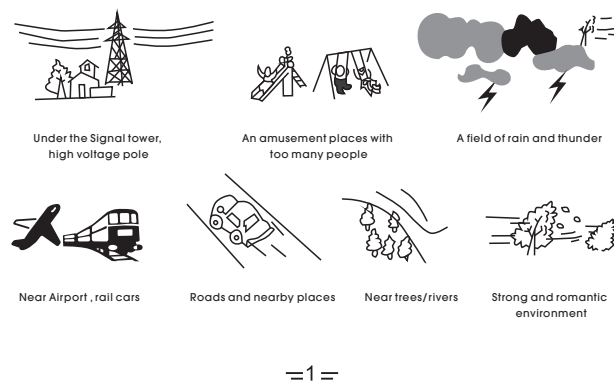
Cautions:

1. Be sure to check your surroundings before flying.
2. Do not let the drone fly out of sight while flying.
3. Children cannot fly alone. Please fly with adults.
4. Please confirm that there is no other product using the same frequency band in the same area.

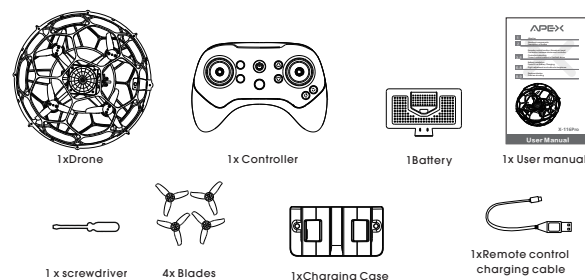
WARNING

- * The chargers, wires, plugs, shells and other parts shall be checked regularly. If any damage is found, it shall be discontinued until it is repaired.
- * Only use original charger, charger is not toy.
- * Please clean the product with a clean and soft cloth. The drone should be disconnected from the charger before cleaning.
- * Adult supervision is required when charging a rechargeable battery.
- A non-rechargeable battery is not rechargeable.
- * Do not short circuit, decompose, fall into the air or put into fire.
- * For the long time not operate product. Please remove the battery.
- * Do not seriously crash or drop the drone and remote controller.
- * This packing and instruction manual contains important information about the product. Please keep it.

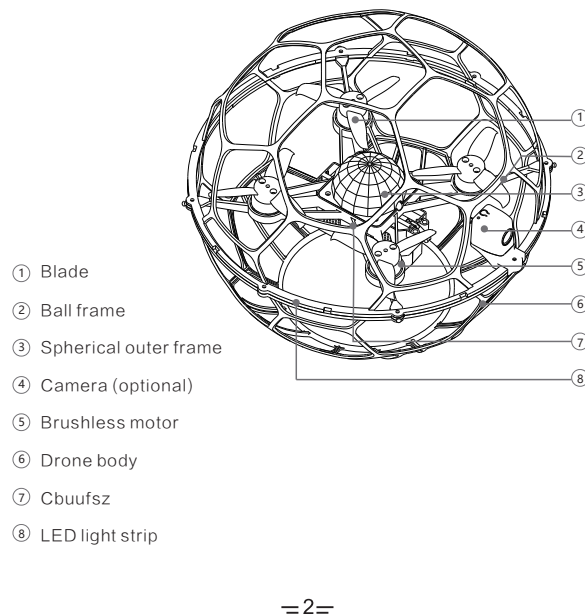
Don't fly the drone in below conditions



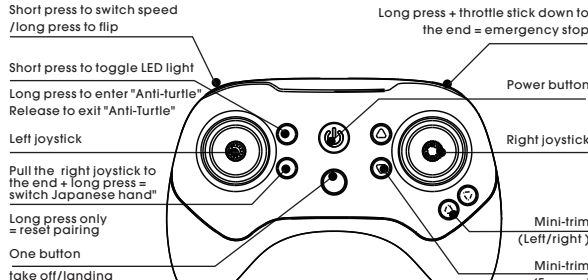
Standard components



Description of football drone components



Remote control function / American hand



Calibration between drone and controller

Step 1:

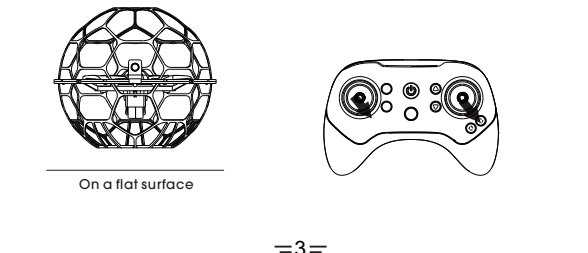
Turn on remote control power, insert the battery into the aircraft. **Put the aircraft in the flat surface** and make the aircraft tail face you. When you heard a "beep" sound from remote control, which indicates successful pairing.

Step 2:

As picture shows, move both joystick to the bottom right corner at the same time and hold joystick until drone LED flash about three seconds, calibration is completed when LED keeps solid bright.

WARNING

If not used for a long time, please take out the battery of remote control and keep it properly. Note: If not remove the batteries from the remote control for a long time when not using it, it will cause battery leakage, even there is risk of burning.



Function description

1. Turn on/off

(1) Turn on: After installing the battery, long press power button, remote control enters normal working mode. The buzzer beeps once, and the power indicator light gradually turns on and off (2) Turn off: Long press the power button, the buzzer will beep twice, the power indicator will turn off, and the remote control will enter into shutdown state

2. Note: When matching for the first time, after turning on the remote control and the aircraft, shake the aircraft until the LEDs flash in various colors, press and hold the reset button on the remote control until the remote control emits "beep, beep beep", the LED light of the aircraft is always on, and the code matching is completed.

3. Throttle control

After unlocking, push the left joystick to above the neutral position and the aircraft rises, pull the left joystick to the lower neutral position and the aircraft descends. The altitude of the aircraft remains the same when in the neutral position. (American hand)

4. One button take off/landing

After unlocking, press the take off/landing button, the aircraft will automatically rise to a height of about one meter above the ground and hover, and press the take-off/landing button again, the aircraft will automatically land to the ground and stop flying.

5. Turn

After the aircraft is lifted into the air, pull left joystick left and right, and the aircraft will turn left and right. (American hand)

6. Forward/backward

After the aircraft is lifted into the air, pull the right joystick up and down, the aircraft will fly forward and backward. (American hand)

7. Left/Right

After the aircraft is lifted into the air, pull the right joystick left and right, the aircraft will fly left and right. (American hand)

8. Speed switch

Press speed switch button to adjust speed. There are 3 level of speeds. The buzzer sounds once for level 1, the speed is the slowest, 2 sounds for the second level, and 3 sounds for the third level, the speed is the fastest.

9. LED light switch/Anti-Turtle

Short press LED switch button to change LED color, there are 7 kinds of color, which are red, orange, yellow, green, cyan, blue, and purple. "Anti-Turtle": Long press the LED light button to enter the anti-turtle, release it to exit the anti-turtle.

10. Emergency stop

Emergency stop: Long press the emergency stop button, and at the same time pull the throttle to the end, the aircraft will shut down immediately

11. Speed switch/3D flip

Press speed switch button to adjust speed. There are 3 level of speeds. The buzzer sounds once for level 1, the speed is the slowest, 2 sounds for the second level, and 3 sounds for the third level, the speed is the fastest. When the throttle is not at 0, press and hold the speed key to enter the flip mode, the buzzer will sound for a long time, and the aircraft will flip 360 degrees in the corresponding direction when the direction stick is pressed.

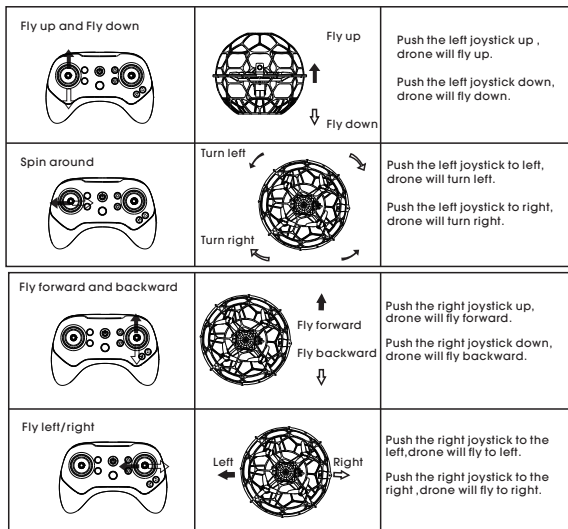
12. Re-pair and American/Japanese hand switch

Re-pair: After the aircraft is powered on, shake it until the light flash seven colors, and then long press the Re-pair button on the remote control to pair a new aircraft.

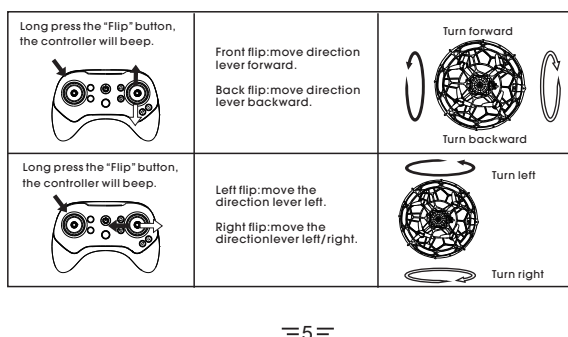
American/Japanese hand switch: Before aircraft taking off, long press Japanese hand button and pull the right joystick to the bottom for 3 seconds at the same time, the remote control will make long sound of "buzz", it indicates switch successfully.

Correct control method of football drone (American Hand)

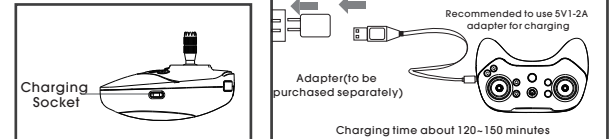
Before you fly the drone, please do some simulated flight practice.



Flip



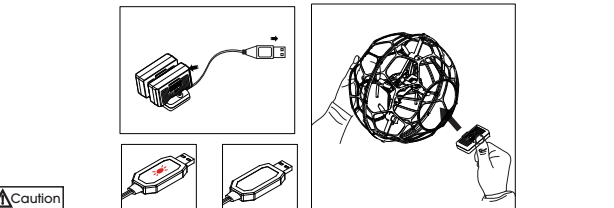
Instructions for charging the remote control



1. Plug a section of the charging cable into the charging port of the remote control and the USB port into the charging adapter, plug in the power supply and you can charge it.
2. Plug the USB port of the charging cable into the USB port of the computer host, you can also finish charging.
3. The indicator light is always on under charging status, and the light will automatically go out when the battery reaches saturation status.

Drone Li-ion Battery Charging

1. Remove the lithium battery from the drone, the rest of the steps are the same as charging the remote control.
2. Plug the charging cable into the USB port of the computer host. The method is the same as above, and the charging can also be completed.
3. The indicator light is always on under the charging state, and it will automatically crush out when the battery reaches the full state. (It takes about 120 minutes to recharge the battery after it runs out of power).
4. When the charging line is inserted into the USB port and lithium battery is not plugged into the charging line, the indicator light of the charging line flashes is a normal condition.



Caution

During the flight, when you hear the "beeps" sounds from the remote control, it indicates that the drone's battery voltage is not enough, so the drone should fall behind to recharge. It need to charge it with the special charger we gave.

During the flight, when the remote control indicator lights flicker, it indicates that the remote control battery voltage is not enough, please replace the remote control battery.

The battery warning

Rechargeable battery:

This drone can use rechargeable lithium batteries. If the battery cannot be recharged again, dispose of the battery properly according to local treatment regulations.

Remote control battery:

The remote requires 2 "AAA" batteries (not included). Read the important battery safety warning below.

- Do not mix with alkali, standard (carbon zinc) and rechargeable batteries (nickel hydrogen).
- Don't mix old and new batteries.
- Prohibits charging non-rechargeable batteries.
- Rechargeable batteries should be removed from the remote control (if removable) before being charged.
- Rechargeable batteries can only be used under adult supervision.
- Batteries shall be disassembled as soon as they are exhausted and must be properly recovered or disposed in accordance with national or local government decrees and rules.
- Check supply terminals should not short circuit.
- Recommends using the same or the same type of battery.
- Battery shall be installed according to correct polarity (refer to internal specification).
- Don't throw batteries in the fire that could cause a leak or explosion.

Flight adjustment and notice for beginners

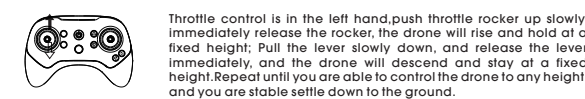
Cautions

- Confirm again that the screws and blades are firm.
- Verify that the remote controller and drone's batteries are sufficient.
- Confirm again that the direction of the wind blade is fitting in right position.
- Please assemble the perfect guard before take-off.

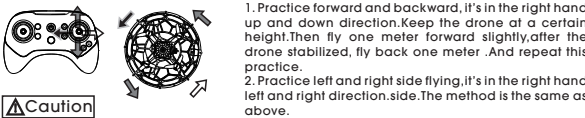
Cautions

- Make sure there are no other people or obstacles in the flying area.
- In order to fly safely, you must first practice the hover, which is the basis of the flight action (hover: the drone stays in the air and maintains a fixed position).
- Please stand 2 meters behind the drone during practice.

1. Throttle lever practice



2. Direction control practice



Caution

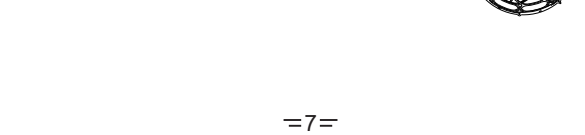
When the drone is flying far away, please lower the throttle and land the drone, then walk to the right astern of the drone for 2 meters and continuing the practice. Or bring it back to the home position keep practicing.

3. Rotation practice

1. Slowly raise the throttle lever to control the drone to a certain height.
2. Push the throttle lever to the left/right slowly, make the drone rotate counterclockwise/clockwise slowly.

4. Precision practice

As you become familiar with the step 1-3, draw a circle on the ground and practice within the circle. It can increase your control accuracy. As you get more comfortable with the action, you can draw smaller circles.



5. Change the direction of drone

When you feel familiar with Step 1-4, stand on the side facing the drone and continue to practice Step 1-4. Then, stand in front of the drone and repeat the steps.

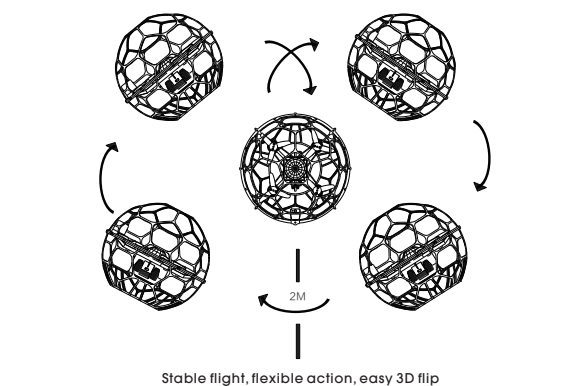
6. Trim

Slowly lift the throttle lever. When the drone has just left the ground, if the drone tends to move around, you can use trimming to correct the action.

1. After the drone takes off, if the drone slowly shift to the forward/backward direction, you can press forward/backward (as shown in the figure) to adjust: When it forward offset, trim down to adjust; When it backward offset, trim up to adjust (Without controlling the direction, slight deviation belongs to normal condition, drone without fixed point function).
2. After the drone takes off, if the drone slowly shift to the left/right direction, you can press left/right (as shown in the figure) to adjust: When it right offset, trim left to adjust; When it right offset, trim left to adjust.



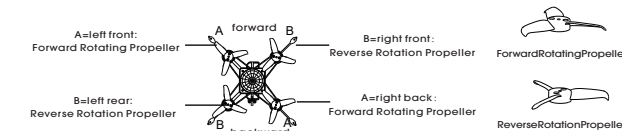
7. Stable flight, flexible action, easy 3D flip



Play some thrilling flips when the previous basic moves are proficient. First, fly the quadcopter to a height of more than 2 meters, first press the flip button and not release it, then push the direction stick to the bottom of any one of the four directions of forward/backward/left/right and release it. The aircraft rolls in this direction, stably and swiftly completing the flipping action.

Replace blades

To achieve optimal flight function, the blades need to be checked or replaced after multiple flights. Emergency landings, especially from high altitude will damage blades. 1. When replacing the blades, please make sure that the letters on the blades (A is the forward rotating blades, B is the reverse blades, letters are on the back of the blades). 2. A: Pay special attention to replacing damaged blades with properly blades. Must not change the wrong direction of the blades! 3. Please pay attention to the screws that fix the fan blades to prevent them from loosening and falling into the motor and causing serious damage



Problem shooting

Troubles	Causes	Solutions
1 Turn on the drone, LED blinks, while the drone has no responding to all commands	Pair between drone and controller failed / The drone is not placed horizontally	(please refer to the frequency alignment of remote controller and receiver in P3)/Place the drone horizontally
2 Turn on the drone, the drone has no reaction to the commands	The battery died	Charge the drone
3 Blades keep moving after landing	Throttle lever is not at the zero position	Put the throttle lever to zero position
4 Blades keep moving, while the drone can not take off	1. Blades may installed wrong 2. No enough power	1. Change the blades 2. Charge the drone
5 After trimming, drone keeps spin, and the speed of blades is different	1. Blades may installed wrong 2. Blades get damaged 3. Calibration failed	1. Install the blades 2. Replace the blades 3. Refer to p3 for calibration
6 The drone can not take off after drop	1. Blades are getting lose 2. Blades get damaged	1. Tighten the blades 2. Replace the blades



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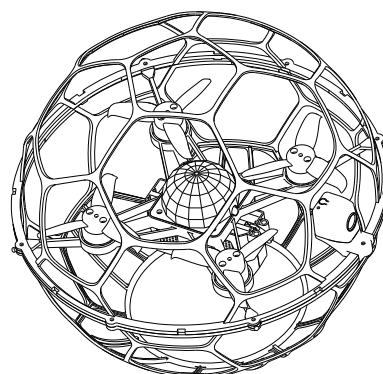


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User Manual