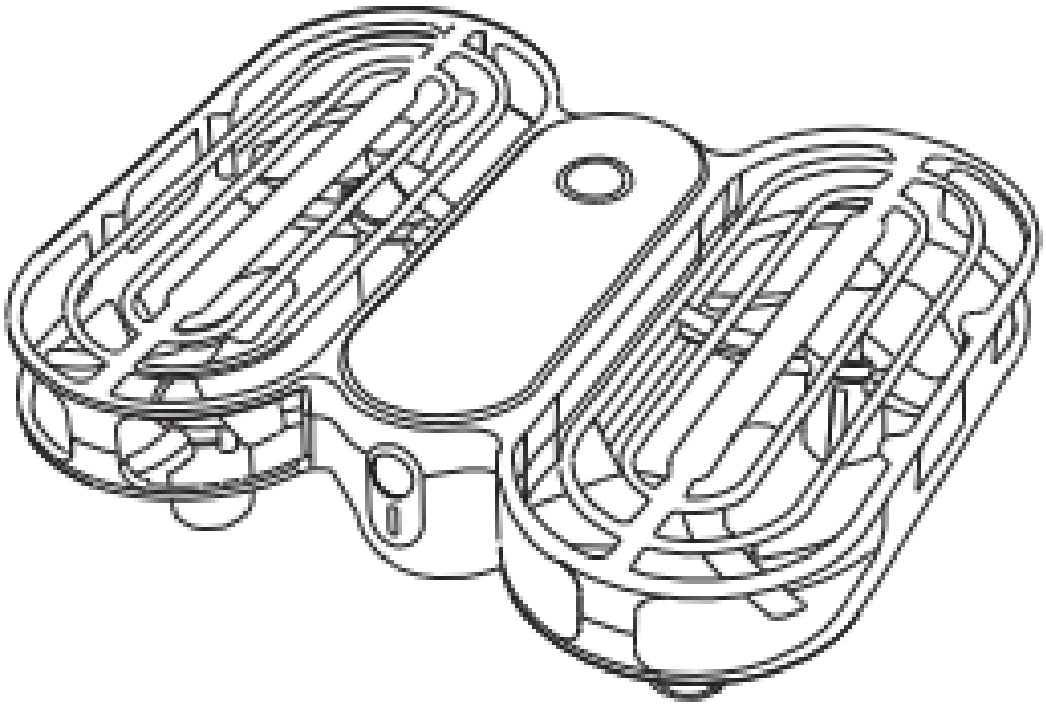
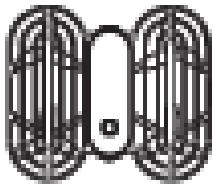
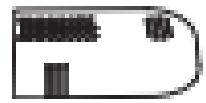
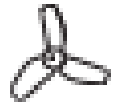
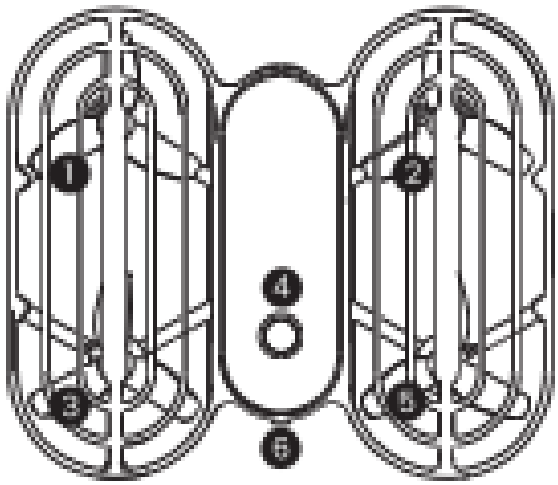
Age 14+



FD 1

User Manual

		
Aircraft	Remote Control	Battery x 3
		
USB Charging Cable	PropelleA/B	Screwdrivers
		
Propeller Wrench	Instruction Manual	



1 Propeller A

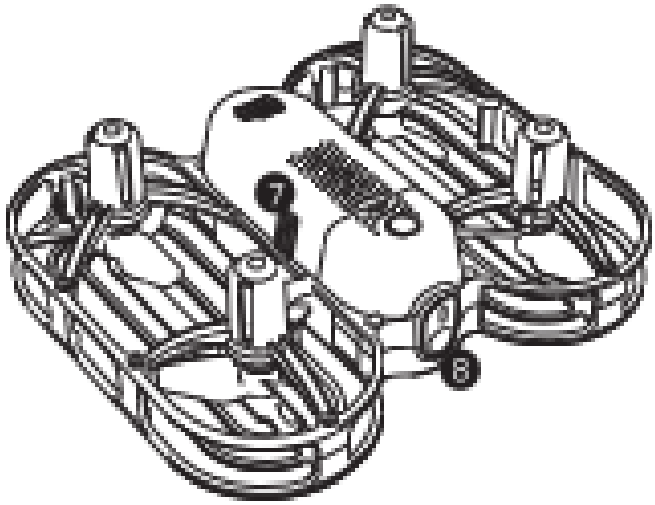
2 Propeller B

3 Propeller B

4 Power switch

5 Propeller A

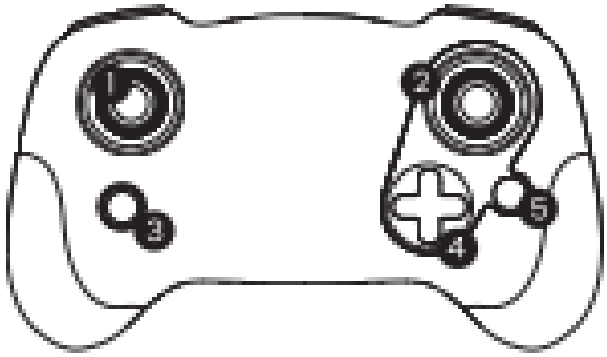
6 Vehicle Indicator Lights



7 Batteries for aircraft

8 Front LED lights

- The front LED emits a pure white light to show the direction of the vehicle.
- The vehicle indicator shows the status of the flight control system.



1 Left joystick

2 Right joystick

3 Power switch/indicator

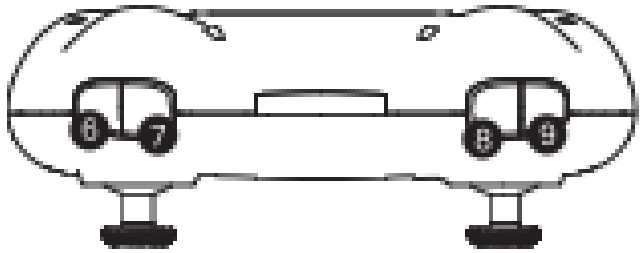
4 Front trim

Left trim

5 Takeoff and landing

Rear trim

Right trim



6 Speed Adhort

7 Press for High-Speed RotationLong Press for Circular Flight

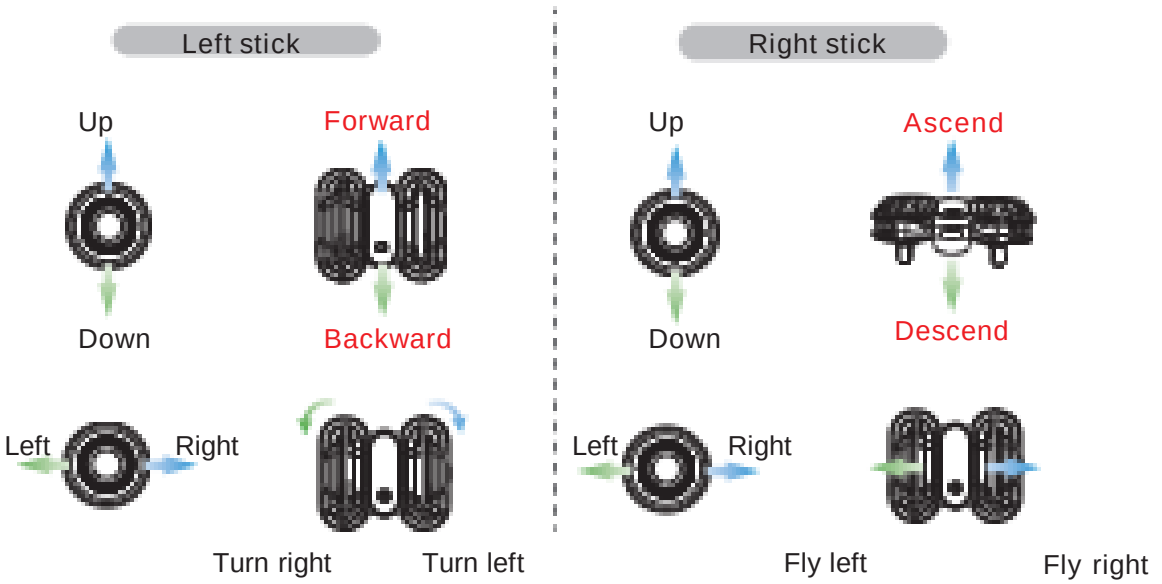
8 Headless Mode

9 360° RollCircular Flight

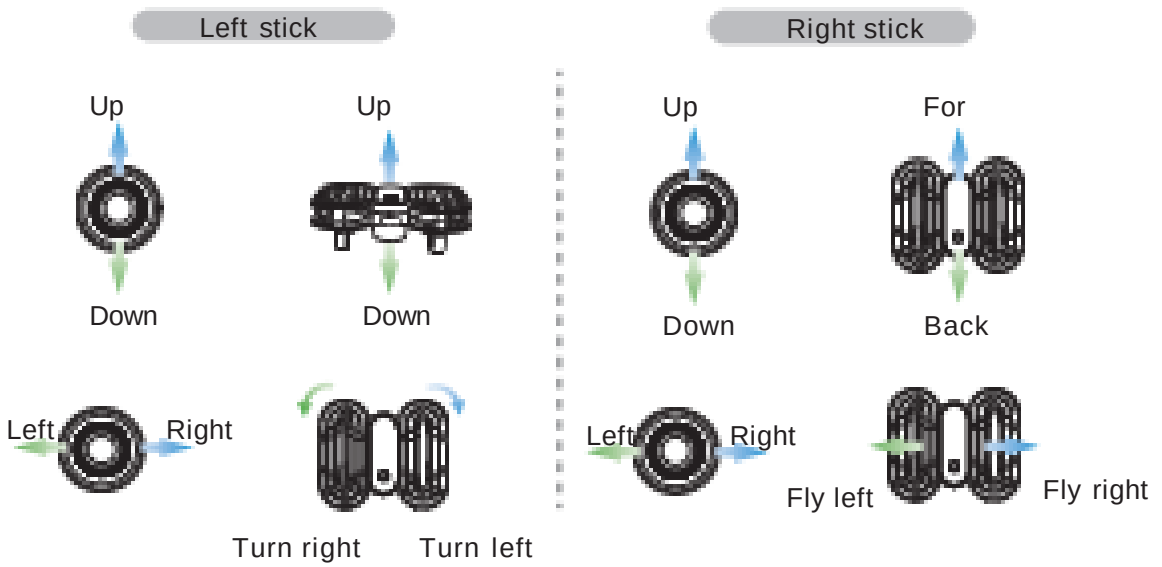
Mode 1 (Right-hand throttle mode)

To select Mode 1, turn on the remote control's power switch while holding down the speed button (↻) continuously until the remote control powers on.

This will switch to Mode 1.

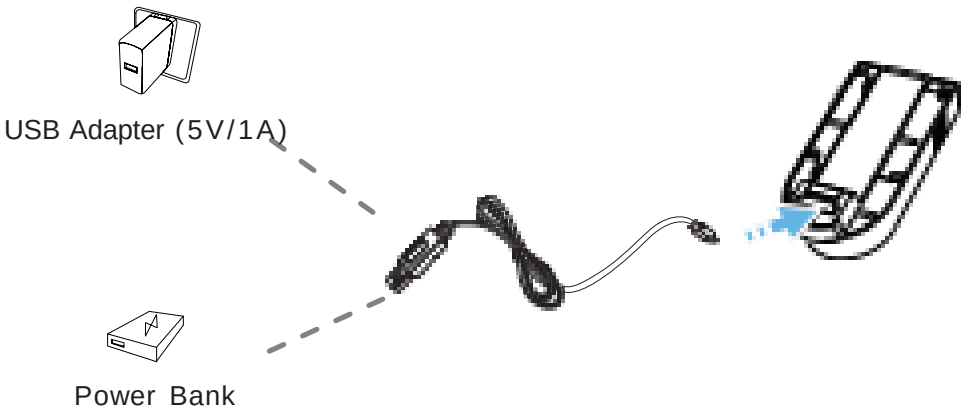


Mode 2 Mode 2 with left throttle will be the default setting



Preflight preparation

Charge the Drone



1. Connect the drone battery to the USB charging cable.
2. Insert the USB charging cable into the USB charging port of the USB adapter (5V/1A).
3. Charging time: approximately 60 minutes.
4. a. During battery charging, the USB charging cable indicator light will be red.

   b. Once the battery is fully charged, the USB indicator light will turn green.

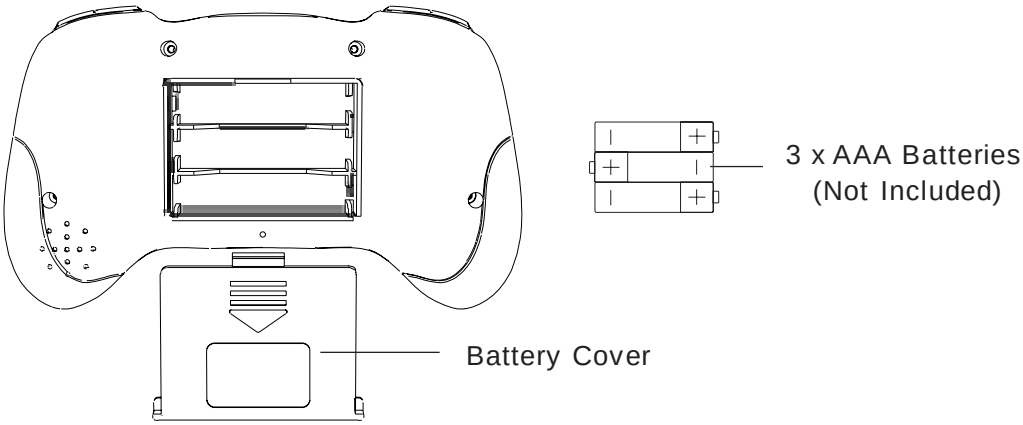
* Low Battery Warning: During the flight, the indicator light on the aircraft will continue to flash and the remote control will make a "beep" sound to remind you.

Before charging, please read the "Battery Safety Guide" carefully for important instructions!

- Use only the original charging cable to charge the battery.
- Do not charge the drone's battery immediately after flight, as the battery temperature may be too high. Wait until the battery cools down to room temperature before charging.

Preflight preparation

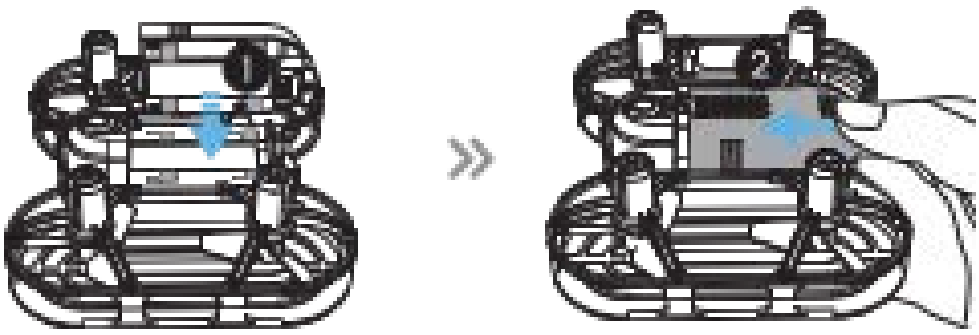
Replace Remote Control Battery



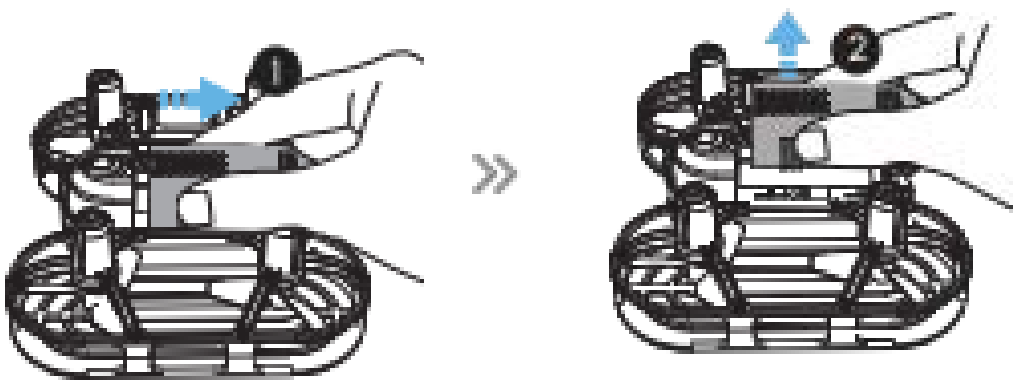
Open the battery cover on the back of the remote control, insert three AAA batteries into the battery compartment with the correct polarity, and then close the battery cover to complete the installation.

- Please read the instructions in the "Battery Safety Guide" section of this manual.
- When installing the batteries, pay attention to the positive and negative polarity to ensure they are installed correctly.

Flight Battery Removal and Installation



Installation: Install the battery onto the clips on the back of the craft as shown in the picture and push forward. Make sure the battery is securely installed.



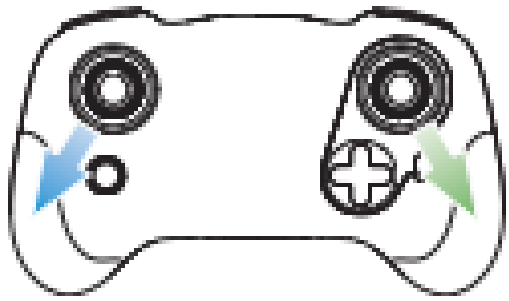
Removal: As shown in the picture above, pull the battery back by pressing on both sides, and then remove the battery upwards.

Calibrate the gyroscope

Simultaneously push the left and right joysticks to the lower corners of the picture above to calibrate the gyroscopes. The craft indicator light will flash and turn to constant light and the remote control will 'beep' to indicate that calibration is complete.

To ensure s table flight, we re commend that the pilot calibrate the gyroscope every time the aircraft is paired and after the crash.

Unlock the motor



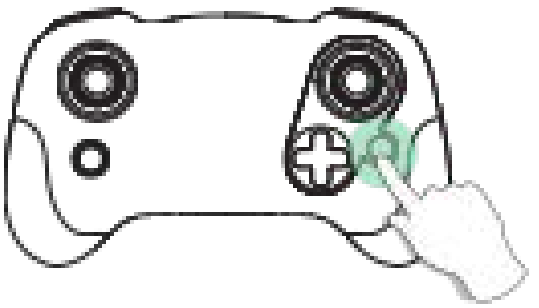
Simultaneously push the left joystick to the lower right corner and the right joystick to the lower left corner, the motor will rotate and the vehicle will be unlocked.

Pull the left joystick down for 2 seconds and the motor stops rotating. The vehicle is locked

Take off

There are two ways to take off the aircraft.

Method 1:

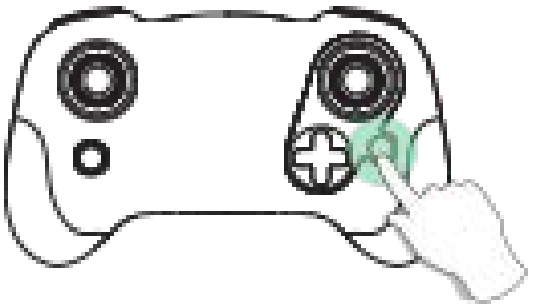


Press the (—) button briefly and the craft will automatically take off and hover at a height of 1.2 meters. You can control the craft by controlling the joystick.

Method 2:

Pick up the flying machine and hold it flat in the palm of your hand as you take off. Gently throw the flying machine into the air and it will hover in the air.

Landing

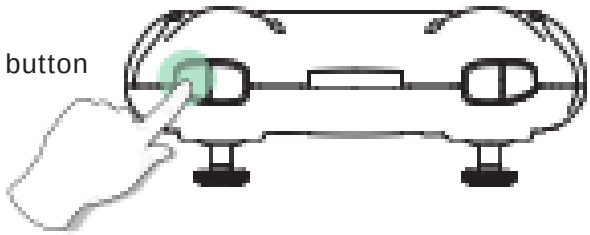


When the aircraft is fly ing, short press the (-) bu tton, and the aircraft will automatically land on the ground

It is essential to keep your craft in visual range at all times. If you can't see it, you won't be able to control it properly.

Speed adjustment

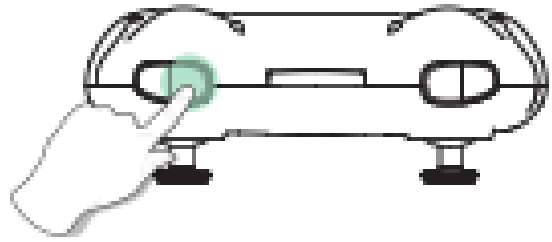
Short press this button



This model has 3 speed modes (low/medium/high). Press and release the ( ) button to toggle between low, medium, and high speed. The remote will "beep" once for low speed and "beep" three times for high speed. ("Tick" twice means medium speed, default speed is low)

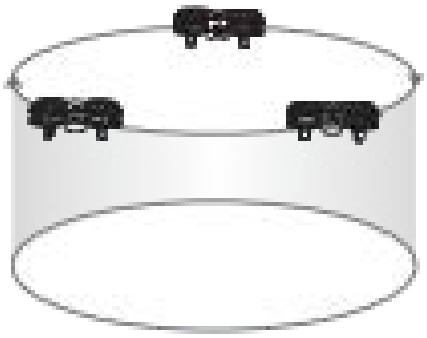
High-speed rotation

Short press this button

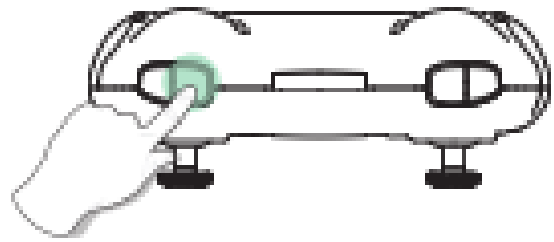


Short press the ( ) key, the remote control makes a 'beep' sound once and the craft starts to rotate rapidly. Press the right joystick in any direction to stop the rotation

Circular flight

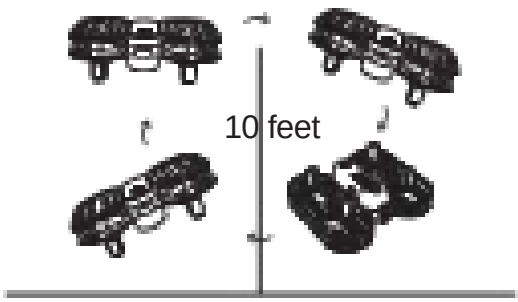


Press and hold this button

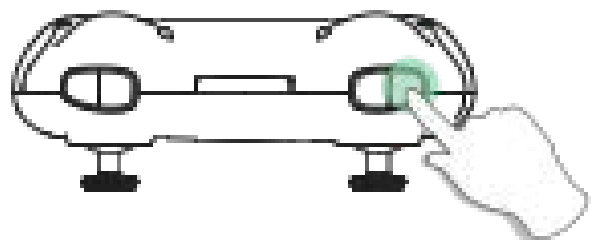


Press and hold the ( ) button, the remote control will emit a long 'beep' sound, which indicates that the craft has entered the surround flight function, push the right joystick in any direction to exit the surround flight.

360° Roll



Short press this button

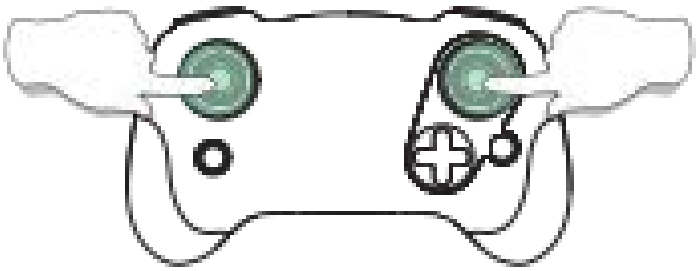


Once you are familiar with all the functions of the flyer, you can try this amazing tumbling mode. When the craft is at least 1 meter above the ground. Short press the ( ) key, then push the right joystick forward/backward or left/right, the craft will roll in the corresponding direction.

360° tumbling function is better when the battery is fully charged.

Emergency stop

⚠ The emergency stop function should only be used in the event of an emergency during flight to avoid any damage or injury.

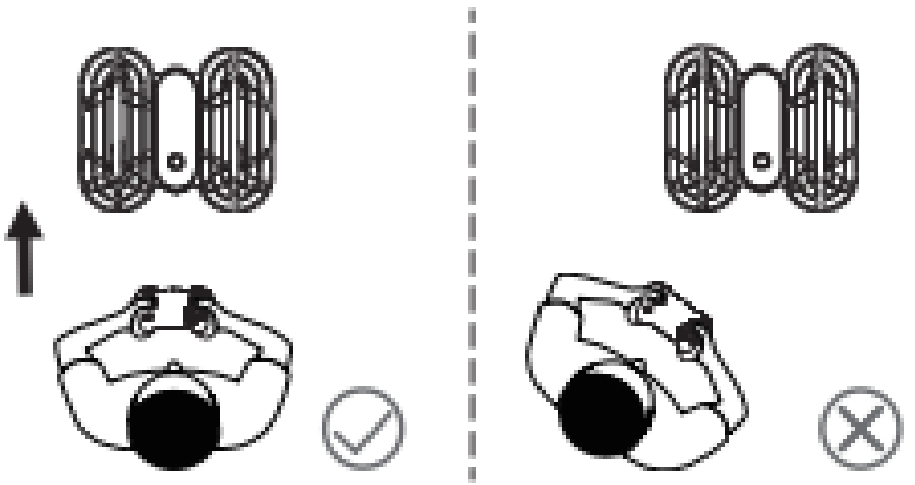


① Press and hold the left and right joysticks down at the same time and the motor will stop immediately. Note: If the craft is far away from you or hits something else at a high speed, you may risk damage to the craft.

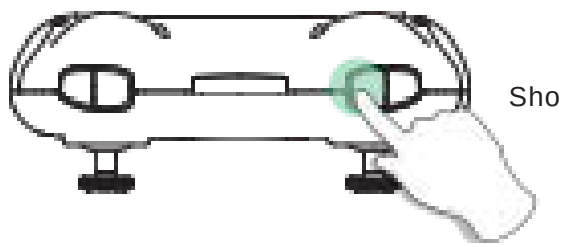
② After the craft has landed, the craft indicator light will continue to flash. Place the vehicle on a level surface again and pull the left joystick down. Then the craft indicator light changes from blinking to constant light and you can use the craft.

Headless Mode

Headless Mode is a training tool for beginner pilots and is very helpful when the craft is too far away from the pilot (which makes it difficult to judge direction). When you steer the right joystick in these directions, it will fly the airplane forward, backward, left, or right, regardless of which way the front of the airplane's head is pointing.



During takeoff of the craft, the pilot should be in line with the craft's head pointing in the same direction.

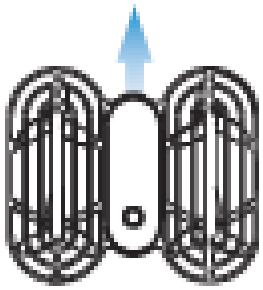


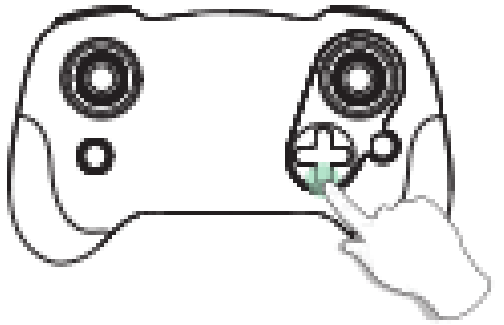
Short press this button

Input: Briefly press the ( ) button on the transmitter. The aircraft's indicator light will continue to flash, indicating that the aircraft is in headless mode.

Exit: Press the ( ) button on the transmitter again briefly. Then, a single beep sound will indicate that the aircraft has exited headless mode.

Trimming





Short press this button

Front Trim

If the craft has a tendency to drift forward:.

1. press the (▼) key once.

2. Wait 2 seconds and observe the movement of the craft. If it still drifts, press the button again

3. Depending on how the craft drifts, it may take several presses to balance the craft 4. Repeat steps 1 and 2 until the craft no longer drifts forward.

* You can also fix backward/left/right side drift using a similar method of pressing the trim button. Its adjustment direction is opposite to the drift direction.

The purpose of attitude adjustment is to counteract drift caused by air currents.

Product Specification

Aircraft

Model:FD 1

Weight:31g

Maximum Flight Time:8 minutes
Motor Model:615

Operating Temperature Range:-10°C to 40°C
Size:92*80*32mm

Battery for Flyer

Capacity:390mAh
Voltage:3.7V

Battery Type:Li-ion Polymer

Battery charging temperature range:5°C~40°C
Charging time:60 minutes

(depending on charging rate and remaining battery capacity)

Remote control

Flying distance:about 30 meters (outdoor without obstruction) Operating

Temperature range:-10.C to 40.C

Battery type:3pcs 1.5VAAA batteries(not included)

USB Charging Cable

Input:5V/IA

Rated power: ≤ 5w

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.
Any changes or modifications 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.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.