

User Manual

We appreciate you for choosing our product. For the safety reasons, please read the manual carefully.

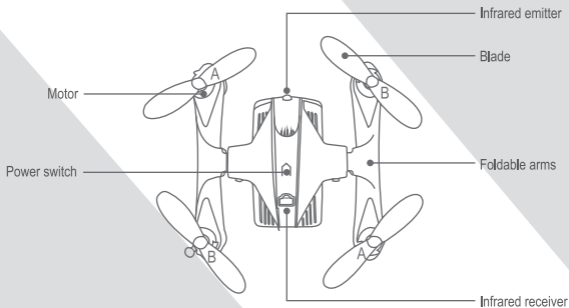
Important notes

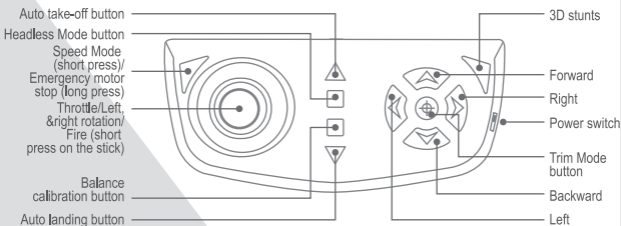
1. This product is equipped with a gyroscope that ensures stable performance. This product is suitable for flying in small spaces, both in-door and out-door. Warning: do not fly in the strong wind (preferably mild wind).
2. This product uses 2.4Ghz frequency which allows for longer control range. The interference free system allows for multiple drones flying simultaneously. Main functions: up/down, forward/backward, left/right, left/right rotation. The drone is capable of doing stunts.
3. For the safety reasons, please read the manual carefully. Keep the manual and the package for future reference.

Safety Guide

1. Warning: Please, keep away from small children. Chocking hazard - contains small parts.
2. When flying for the first time, avoid sharp movements of the throttle, otherwise the drone may fly out of control or cause unintended damages.
3. After flying turn off the transmitter before turning off the drone.
4. Do not keep the battery in high-temperature areas or near heat sources.
5. It is strongly recommended to fly the drone at 2-3 meters away from people. Crashes may cause unintended injuries.
6. Adult supervision is recommended for users below 18 years old.
7. Do not attempt to recharge non rechargeable batteries. It is not advisable to mix old and new batteries or batteries of different types.
8. Turn off the drone and the transmitter when not in use. Turn off the equipment and remove the batteries from the drone and the transmitter.
9. Do not connect the positive and negative terminals as it will cause short circuit.
10. Do not look directly into the drone infrared laser lights as it can damage your eyes.

Introduction to aircraft and remote control:

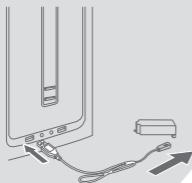




After pressing the the trim button, the transmitter will emit one beep indicating that the Trim Mode is activated. Use the forward/backward/left/right buttons to adjust trims position. To exit the Trim Mode press on the trim button or alternatively do not press the trim buttons for 2 seconds. The transmitter will emit 2 beeps indicating that the Trim Mode was deactivated. The blue transmitter power light (located in the middle of the transmitter) indicates the transmitter battery voltage.

Notice: A dim (darker) power light indicates low transmitter battery voltage.

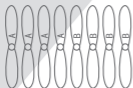
Charging the drone battery:



Connect the battery to the USB charging wire and then connect to the USB charging port. The indicator on the USB wire will light up when charged full, and will remain off during charging. It takes about 40 minutes to fully charge the battery.

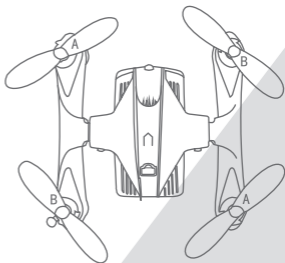
Remove the battery from the drone. Insert the charger cable USB port in to computer USB port. After, connect the battery to the charger. When charging, the light will be off. Unplug the charger when the charger light is on. Drone battery charging time: 70 minutes.

Contents:



Installing the blades:

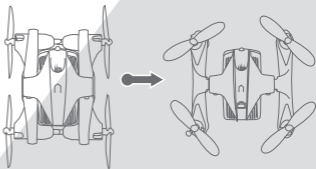
We strongly recommend to change the blades when they are damaged or deformed (spear blades are included). Before replacing the blades, identify blades marked as "A" or "B" and replace with blades having the same letter (refer to the picture).



Prepare for flight:

1. Unfold the arms of the drone (refer to the picture).
2. Turn on the transmitter.
3. Turn on the drone.

4. Pairing: place the aircraft on a flat level surface and do not move it (the drone indicator lights will flash fast). The drone indicator lights will start flashing slowly indicating that it has entered pairing protocol. Wait until the drone indicator lights will turn solid indicating successful pairing.



5. Arming motors: arm the motors by pushing the throttle stick fully up and the drone motors will start slowly spinning. At this stage the drone is ready to fly.

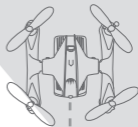
Notice: The flying model can't fly lower than 1 meter height, otherwise the air pressure will influence the flying state.

Notice: It is recommended to fly the drone at 1 meter above the ground as the drone altitude hold function can be affected by the air pressure

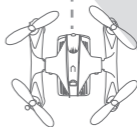
Combat mode:

1 meter is an effective range for an attack. The transmitter will shake indicating you were hit. After losing a battle the drone will automatically land. Performing stunts will help you to avoid getting hit.

Notice: flying the drone out of the recommended 1 meter range will make all attacks ineffective.



1 M



Stuck-Protection Function:

When the aircraft collision occurs, the aircraft may automatically start the stuck-protection function. To push the throttle to the lowest point at this time until the aircraft indicator light flash slowly and then push the throttle to the highest point to unlock the aircraft, then can re-manipulate.

USE AND STORE

- Do not use batteries which plastic packaging was damaged.
- When the product is turned on, do not insert or remove the battery.
- Do not allow the battery to excessive physical shock.
- Do not use the expansion, leakage, breakage, or emits an odor of the battery.
- Children contact with battery is prohibited.
- Do not put battery into the fire, avoid contact with liquid, the model can't be exposed to the rain, and should not be placed in the damp place.
- Do not put battery in a microwave oven or pressure tank.
- Please do not remove the battery or cut, drill. The battery or charger can not carry heavy things. Do not knock the battery.
- Do not use solvents, alcohol, or other flammable solvents to clean the charger.
- Prevent the short circuit. Avoid direct contact with electrolytic material of the battery, electrolytic material and electrolytic steam is harmful to the body.
- Store products under greenhouse. Please do not put product in extreme temperatures. Avoid the temperature of storage has important changes.
- Please do not place the product in the heat source.
- When not using, take away the battery.

Important: Battery Information

- The use of lithium-ion batteries has certain risk, it may cause personal injury, or property damage. The user should bear all the responsibility. The manufacturers and dealers can't control batteries (charge and discharge and storage, etc.). Also can't be responsible for any personal and property losses.
- If the battery leakage, please avoid liquid from touching skin and eyes. If touched the skin, please wash immediately with soap and water. If touched eyes, please immediately flush with plenty of cold water and seek immediate medical attention.
- If the charger appear suspicious odor, noise, or smoke, please pull out the power supply immediately.
- Please strictly comply with the following requirements, otherwise it will cause fire, electric shock or explosion.

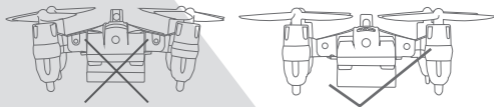
CHARGER AND CHARGE

- Use only factory supplied charger. Before cleaning the model, make sure the model is disconnected from the charger.
- Do not charge or use the swelling, leaking or damaged battery.
- Do not overcharge the battery. When the battery are fully charged, pull out the charger. After charge complete, do not recharge to avoid overheat.
- Do not charge near combustible or flammable (carpet, wood floor, solid wood furniture, etc.) or on surface of conductive objects. Should observe the battery at any time.
- Don't charge when the battery is still hot.
- The temperature of the battery should be between 0 °C and 40 °C.
- Pull out the charger when not charging.

Attention:

1. To avoid injuries, it is recommended to maintain the safety distance between the drone and a pilot or other people
2. Avoid eye exposure to direct laser light. It will damage your eyes.
3. Make sure all the batteries are fully charged. Low drone battery voltage will cause the drone to lose altitude. Low transmitter battery voltage will reduce the control distance.
4. If the drone is damaged, please repair it immediately. If the blades brake off or become damaged, please stop flying the drone as it can cause unintended injuries.
5. To avoid battery leakage, remove the batteries from the transmitter if the equipment is not in use for a long time.
6. Avoid crashing the drone or allowing it to drop from high altitudes. It may cause drone damages or reduce the drone's lifetime.

Notice: avoid sharp movements of the throttle. If the drone drifts quickly to one direction when hovering, please adjust trim.

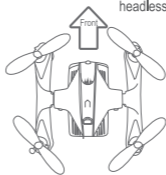


Notice: avoid flying the drone at the height of 30cm or below, otherwise the drone will be caught in its own vortex which may cause the drone to be unstable (ground effect). The lower the drone flies the more sensitive it becomes to the ground effect.

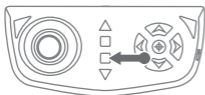
SPECIAL NOTE: Push the the throttle lever slowly, You can use the trim button to correct if the aircraft spinning or deviating in the sky

Note: The aircraft will have a reaction of Ground effect. The aircraft fly up below 30cm height from the ground, it may becomes unstable as its blades swirl, this is "Ground effect". The Ground effect becomes bigger if the weight of aircraft is lower.

Direction of
headless mode



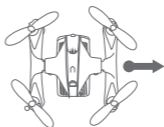
Press the headless mode button and the drone will enter headless mode.



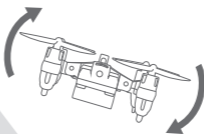
Press the balance calibration button and the drone will enter balance calibration protocol. It is recommended to perform the balance calibration after crashes if the drone begins to be unstable.



Press the auto landing button and the drone will slowly descend.



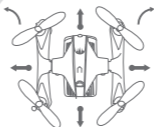
When the directional right button is pressed, the drone will fly to the right.



Press the 3D stunts button and after press one of the directional buttons forward/backward/left/right. The drone will perform forward/backward/left/right 3D stunt.



Short press on the speed mode button and the drone will change its speed from slow to fast or from fast to slow.

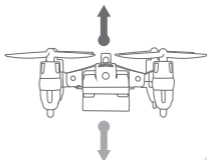


Press the trim button, and the drone will enter the Trim Mode after press on the forward/backward/left/right buttons to adjust trims position (refer to the page number 2)

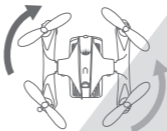


Press the auto take-off button and the drone will ascend.

Drone Control Instructions:



When the throttle stick is moved up/down the drone will ascend/descend.



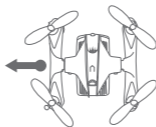
When the throttle stick is moved left/right the drone will rotate to the left/right.



When the directional forward button is pressed, the drone will fly forward.



When the directional backward button is pressed, the drone will fly backward.



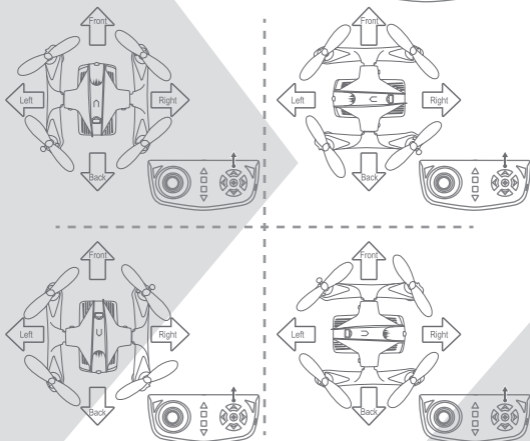
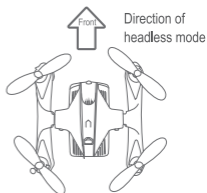
When the directional left button is pressed, the drone will fly to the left.

Headless mode:

- ★ **Headless Mode Activation:** after the drone and the transmitter are paired, the front of the drone is by a default set up as the front direction for Headless Mode. If the drone starts being uncontrollable, please repeat the pairing procedure (including the direction calibration?)

Press the Headless Mode button and the transmitter will emit one beep. The drone's indicator lights will start flashing slowly indicating Headless Mode is activated.

- ★ **Headless Mode deactivation:** Press the Headless Mode button again and the transmitter will emit two beeps. The drone's indicator lights will stop flashing and turn solid indicating Headless Mode is deactivated



When flying in the Headless Mode, it does not matter in which direction the front of the drone is facing. It will fly forward/backward/right/left relative to the position of pilot (refer to the picture above).