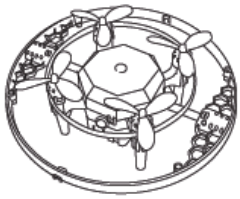
FORCE1®

ORBITER EXTREME

AGES 8+

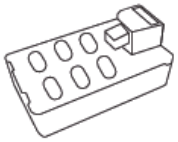
INSTRUCTION MANUAL

1. PARTS LIST



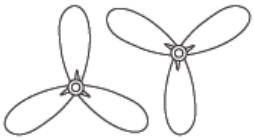
Drone x 1

Remote control x 1

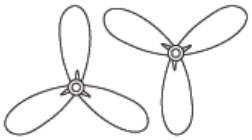


Battery x 1

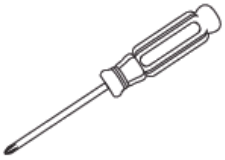
USB charging cable x 1



Blade A x 2



Blade B x 2



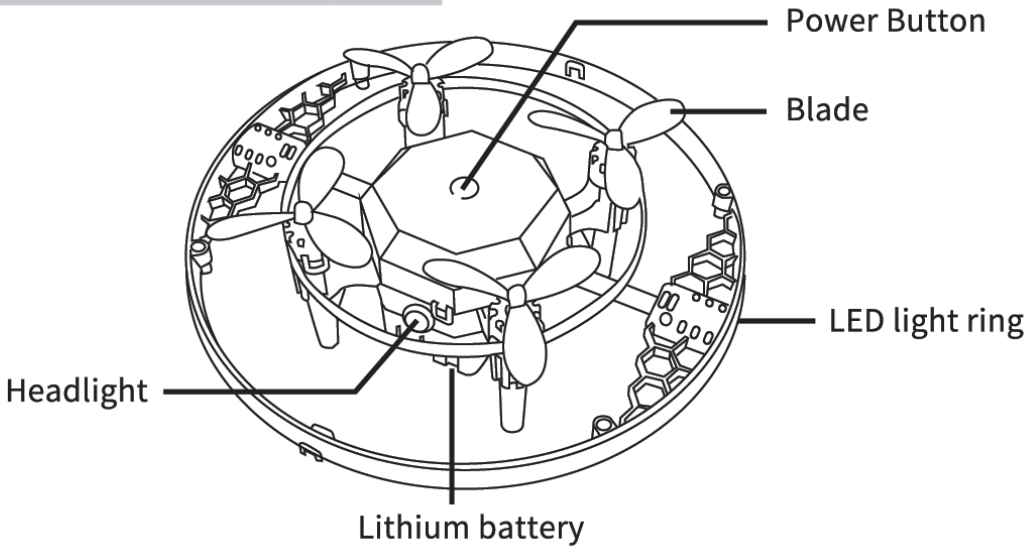
Screwdriver x 1

Instructions x 1

Product specifications			
Drone dimensions:	11x11x5cm	Motor:	716 cord motor
Drone weight:	50g	Battery:	3.7V 350mAh
Flight distance:	30m	Charging time:	60-80 minutes
Remote control distance:	30m	Flying time:	5-6 minutes

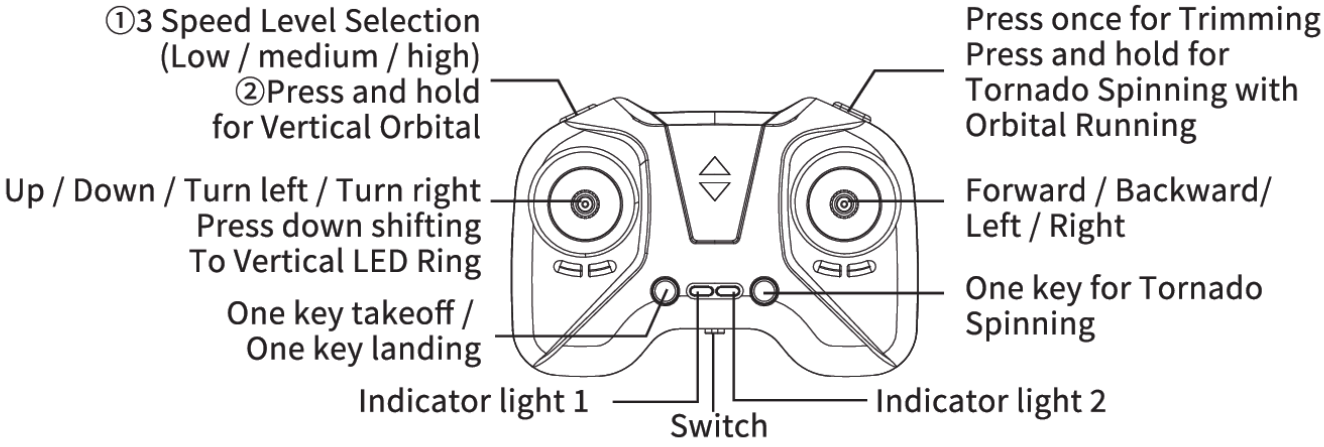
2. DRONE INTRODUCTION

Drone Parts Introduction

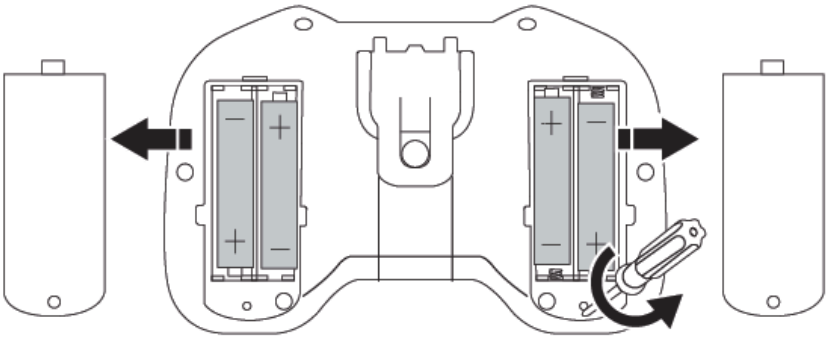


3. REMOTE CONTROL

3.1 Remote Control Functions



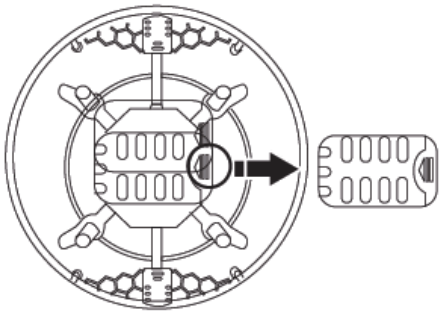
3.2 Remote Control Batteries Installation



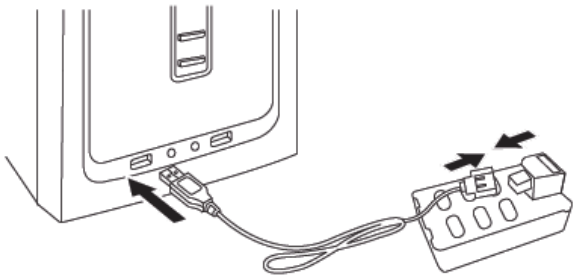
How to install the battery: Open the battery cover on the back of the remote control, and correctly install the 4 AAA alkaline batteries according to the electrode instructions on the battery box. (Batteries not included)

4. LITHIUM BATTERY CHARGING INSTRUCTION

4.1 Charging With The USB Charging Cable



1. Press and pull to take out the battery.



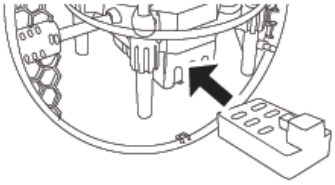
2. Plug USB into power source and then into the drone. Red indicator will light while charging. Red light will turn off after fully charged.

★★Charging time is about 60-80 minutes and flight time is approximately 5-6 minutes.

5. OPERATING INSTRUCTIONS

5.1 Boot Program

❶



1. Insert the battery into the battery compartment. Then press the power button on the drone. The LED light will flash, put the drone on a flat surface.

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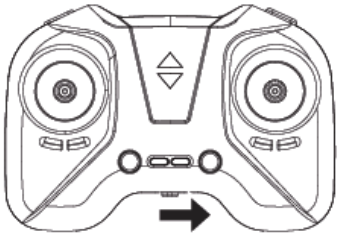
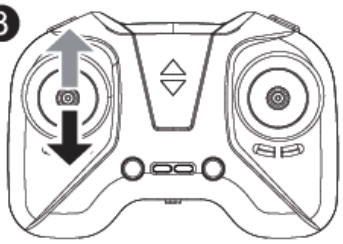


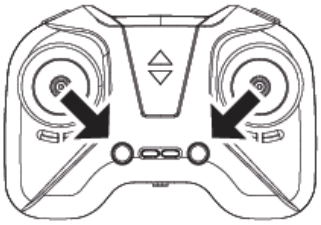
2. Power on the remote, it will beep. The the remote control indicator light will flash red and the drone LED lights will flash as well.

❸



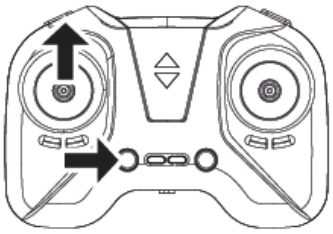
3. The 2.4ghz pairing between the remote and drone. Push the left joystick up (remote will beep, indicator light flashes red and drone led lights flash). Push the joystick down, the remote will beep and the red light will turn solid. The pairing is complete!

❹



4. Gyroscope Calibration Push the left and right joysticks to the lower inner corners (as shown in the picture above) and release them at the same time. The blades will rotate at a low speed. The drone lights will stop flashing and turn solid. Calibration is successful and the motors will start!

❺



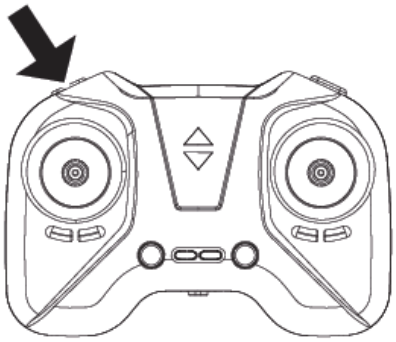
5. Push the left joystick upward or press the one-key takeoff button; the drone will take off.button; the drone taking off.

★★Before taking off, please be sure to put the drone on a horizontal surface and calibrate it to ensure that the drone flies smoothly after takeoff.
★★When the drone is hit or involved in a crash, use gyroscope calibration to correct the flight.

6. OPERATION AND CONTROL

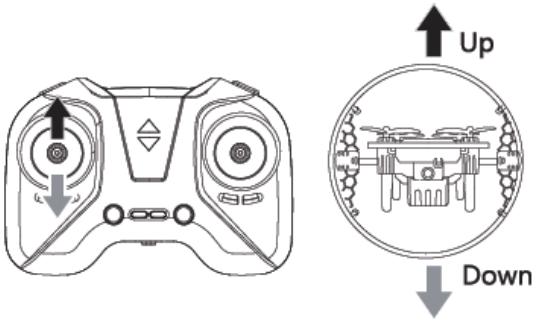
6.1 Speed Selection

Press the upper left button to select a different speed. Each time it's pressed the drone will move to a different speed (low, med or high) and the remote will beep.
1 beep = low speed
2 beeps = medium speed
3 beeps = high speed

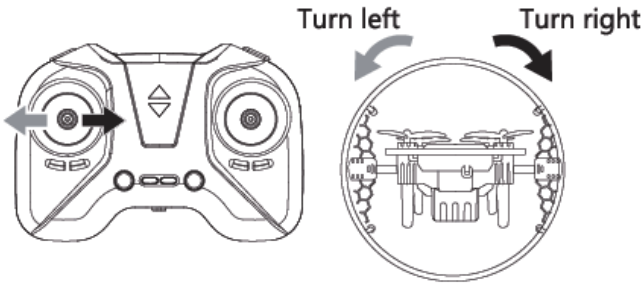


6.2 Basic Action Operation Methods

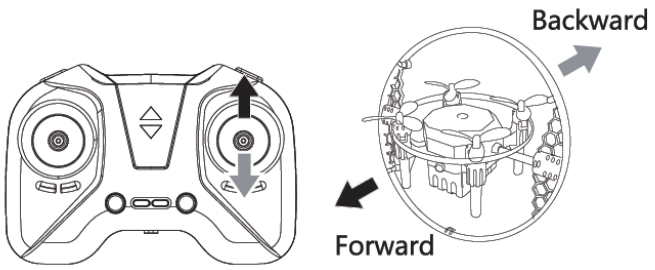
For beginners, it is recommended to operate the joystick slowly to avoid damaging the drone due to excessive movements.



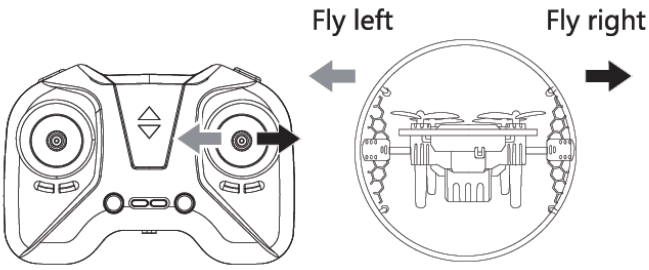
When the left joystick (throttle) is pushed up or down, the drone will fly up or down accordingly.



When the left joystick (throttle) is pushed left or right, the drone will turn left or right accordingly.

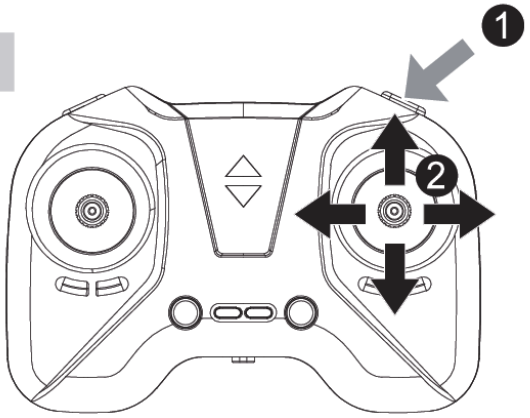


When the right joystick (direction) is pushed up or down, the drone will move forward or backward accordingly.



When the right joystick (direction) is pushed left or right, the drone will fly left or right accordingly.

6.3 Trimming



Press the button on the upper right corner of the remote control. The remote control will beep twice and enter trimming mode.

★When the drone deviates forward, move the right joystick backward (the remote control indicator light 1 flashes red)

★When the drone deviates backward, move the right joystick forward (the remote control indicator light 1 flashes red)

★When the drone deviates to the left, move the right joystick to the right (the remote control indicator light 1 flashes red)

★When the drone deviates to the right, move the right joystick to the left (the remotcontrol indicator light 1 flashes red)

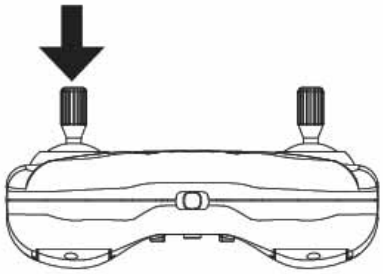
★After the drone offset adjustment is completed, you can press the button on the upper right corner of the remote control again. The remote control will "beep" to exit the trimming mode, or if you do not move the right joystick for 1 second, the trimming mode will automatically exit.

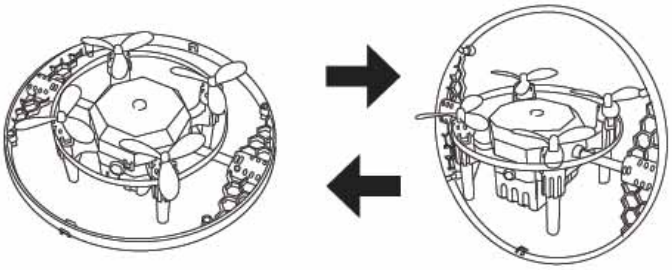
7. HOW TO OPERATE STUNTS

Tip: The following stunt actions can only be performed when the Drone is at least 1 meter (3.2' ft / 39.3" in) above the ground!

7.1 One Key Shifting To Vertical Led Ring

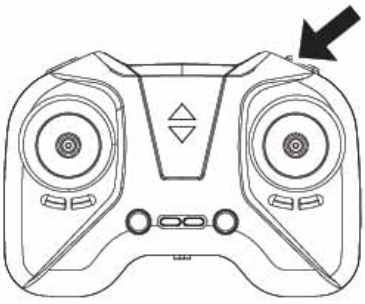
For beginners, it is recommended to operate the joystick slowly to avoid damaging the drone due to excessive movements.

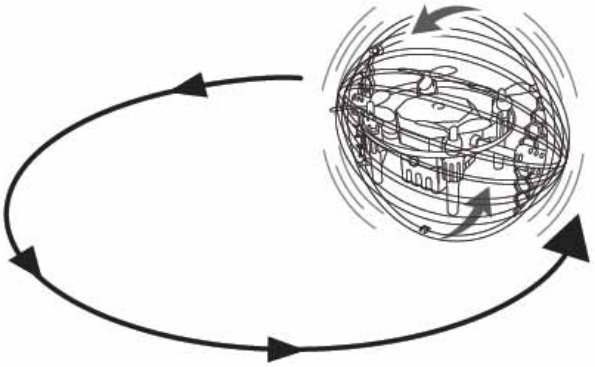




During flight, if you press the left joystick vertically, the controller will beep and the LED ring will rotate from horizontal to vertical. Press the joystick again and the LED ring will rotate from vertical to horizontal.

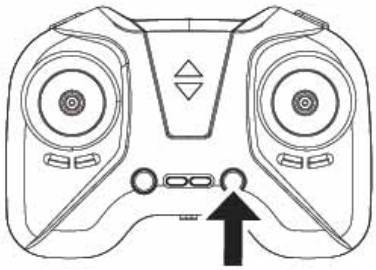
7.2 Tornado Spinning With Orbital Running

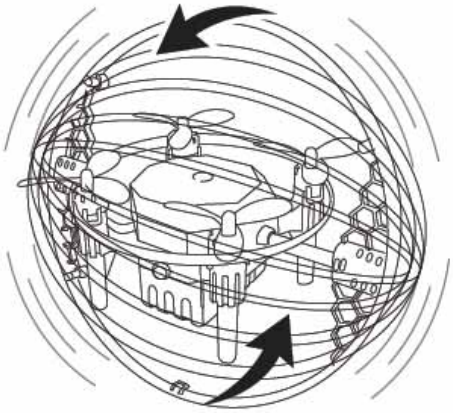




During flight, when you press and hold the button on the top right corner of the remote, the remote will beep. The LED ring will spin and drone will go 360 around.

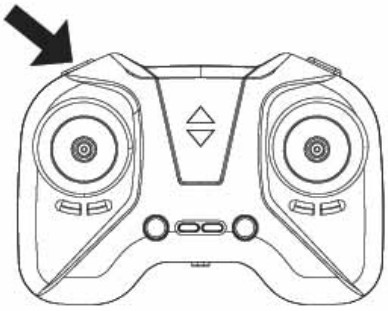
7.3 Tornado Spinning

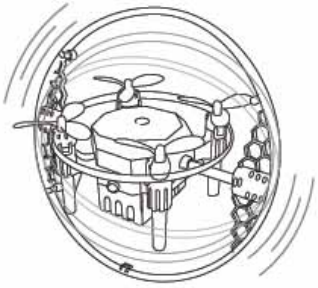


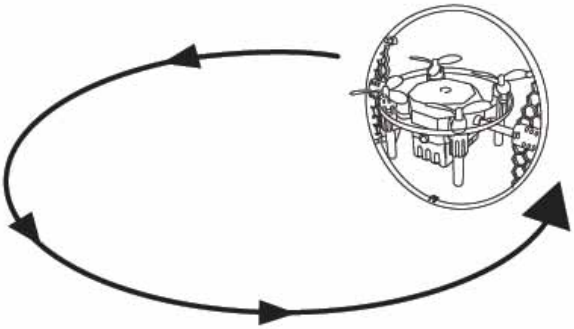


During flight, when you press the tornado spinning button, the remote will beep and the drones LED ring will start spinning.

7.4 Vertical Orbital Running

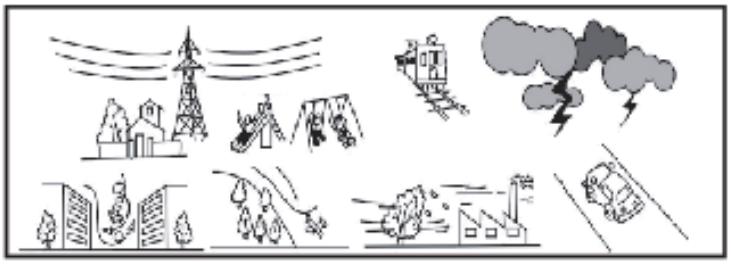






During the flight, press and hold the button on the upper left corner of the controller. The controller makes a"beep" sound, the drone's LED ring will rotate from the horizontal to the vertical and orbital running.
Push "UP/DOWN" button to adjust drone's flying height.
When you press and hold the button in the upper left corner of the remote control again, the remote control makes a beep and the drone will be back to horizonal.

8. FLIGHT ENVIRONMENT

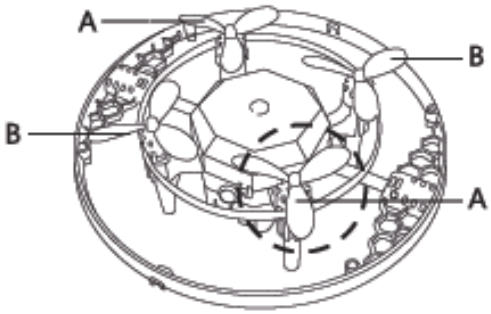


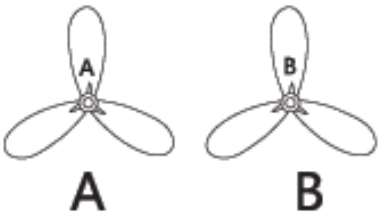
Avoid accidental injury or damage to the drone caused by flying the drone in these environments.

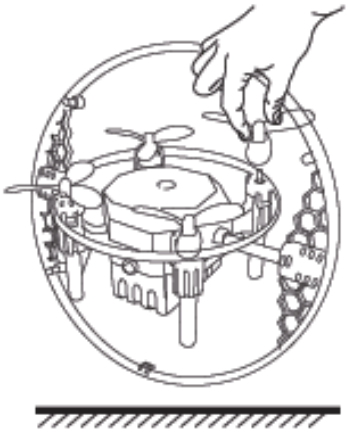
9. BLADE INSTALLATION

When a blade is damaged, it needs to be replaced if it's impacting flight.

★There are position requirements for the installation of the drone's blades. The letters engraved on the blades must correspond to the letters engraved on the drone frame. That is, "A" corresponds to "A" and "B" corresponds to "B", otherwise the drone cannot take off normally.







Installation of the blade: Hold the cap of the blade, align it with the motor shaft, and press it into place. Note that the blades cannot be deformed.

10. TROUBLESHOOTING

Problem	Reason	Solution
The drone is not responding	1. Code matching failed 2. The battery of the drone or remote control is low	1. Re-bind the code 2. Replace the remote control battery 3. Recharge the drone
Unable to take off	1. The blades are assembled incorrectly 2. The blades are deformed after impact 3. The drone LED light flashes	1. Refer to the blade installation section of the manual 2. Straighten the blades, or replace the blades 3. Low battery protection, recharge the drone
Aircraft shake	1. The blades are deformed after impact 2. The gyroscope is deflected	1. Straighten the blades. Or replace the blades 2. Check the gyroscope calibration section of the manual.
The drone delayed reaction & signals interrupted	Remote control battery is low	Replace remote control batteries
Unable Hovering	1. The drone was not placed on a horizontal surface during code alignment. 2. The fine tuning of the remote controller was not reset.	1. Re-bind the code 2. Reset the remote control

Warning:
Please read the instructions carefully before using this product and keep them properly for future reference. Our company and the seller are not responsible for any losses or personal injuries caused by improper operation or improper use of this product.

- - - Thank you for purchasing this product and wish you a pleasant experience! - - -

FCC WARNING:
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.
RF warning for Portable device:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

This toy car use replaceable batteries , so please check the following attention.

- how to remove and insert the batteries;
- non-rechargeable batteries are not to be recharged;
- for electric toys using rechargeable batteries, the batteries should be charged under adult supervision. For batteries charged using a battery charger for use by children, this instruction may be replaced by: "Batteries are only to be charged by persons of at least 8 years old";
- different types of batteries or new and used batteries are not to be mixed;
- batteries are to be inserted with the correct polarity(+ and-);
- exhausted batteries are to be removed from the toy; the supply terminals are not to be short-circuited.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