

# MINI DRONE

## Operating Instructions

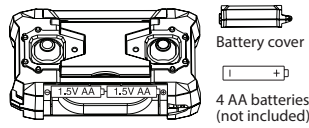
Thank you for purchasing the Gadgetree Mini Drone.

### INCLUDED

- Mini drone
- Transmitter remote control (requires 4 AA batteries, not included)
- USB charging cable
- Instruction manual
- 4 extra blades
- Blade protective frame
- Replacement thumb sticks
- 1 hand line
- 3 landing skids

### BATTERY INSTALLATION

1. Use a screwdriver to remove the screw on the side of the transmitter then open the battery cover.
2. Install 4 AA batteries (not included) and replace the battery cover.



**We recommend InfiCell batteries for maximum performance.**

3. Re-install the screw.

### CHARGING

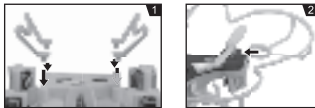
1. Connect the charging cable in the transmitter to the Mini Drone or charge by connecting the included USB charging cable to a PC or AC USB adapter. The green LED on the transmitter or the red LED on the USB charging cable will turn ON and will turn OFF when charging is complete. It will take approximately 30-60 minutes to completely charge the Mini Drone.

### CAUTIONS WHILE CHARGING

- Charge only in a dry, well ventilated area away from heat or explosive products
- **DO NOT** charge the battery if the mini drone is still warm from flying. Doing so may cause the battery to swell or catch on fire
- A battery when not in use for a long time will lose its charge automatically. Charging or discharging for a long time may reduce the life of the battery

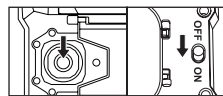
### INSTALLING LANDING SKIDS AND BLADE PROTECTIVE FRAME

1. Install landing skids to the bottom of the Mini Drone.
2. Install the blade protecting frame to the Mini Drone.



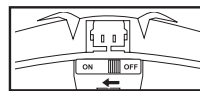
### MODES

The transmitter has two built in modes. Mode 2 is the default mode, To switch to Mode 1, simply press and hold the middle button on the throttle then turn ON the transmitter.

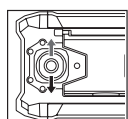


### FLYING YOUR MINI DRONE

1. Turn ON the Mini Drone.



2. Turn ON the transmitter. The LED will flash quickly.



3. Once the LED stops flashing, push the throttle lever up then back down quickly. You will hear a beep indicating that the Mini Drone has entered into the pre-fly state.

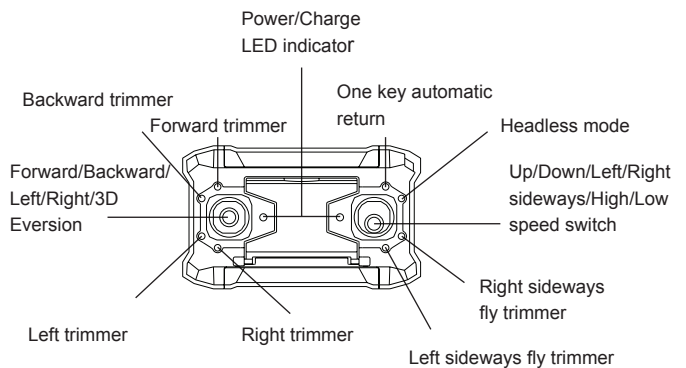
**NOTE:** Ensure that the Mini Drone is on a level surface when syncing to ensure a stable flight.

### CAUTION

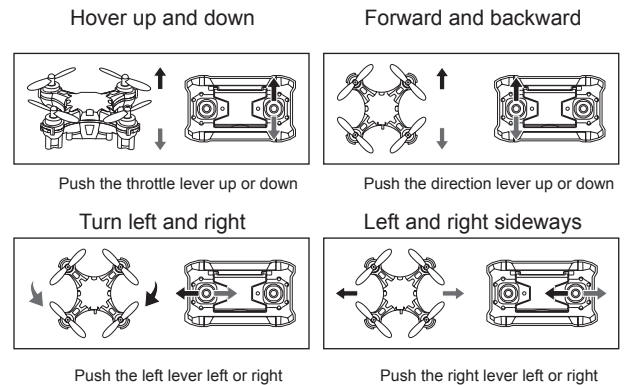
- If the LED on the transmitter is flashing slowly, syncing was unsuccessful. Please turn OFF both the Mini Drone and transmitter then repeat steps 1-3
- If the drone is pulling to one side or spinning while hovering, please turn OFF both the Mini Drone and transmitter then repeat steps 1-3
- When the LED on the Mini Drone blinks slowly the battery is low
- Please charge the battery with the USB cable provided

### MODE 1

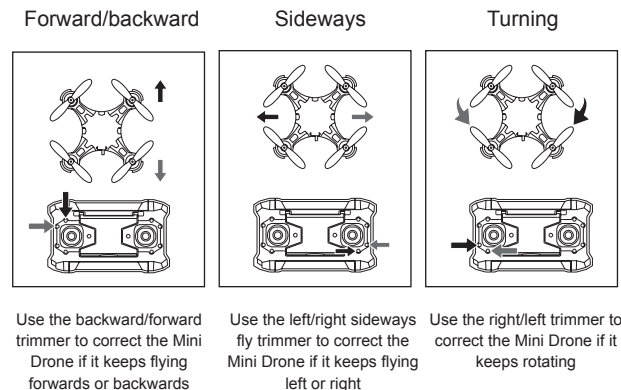
Red light is on the left. Green light is on the right.



### OPERATING INSTRUCTIONS



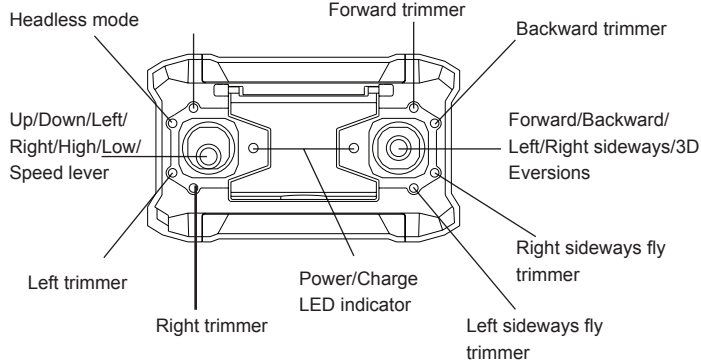
### FINE TUNING



## MODE 2 (DEFAULT MODE)

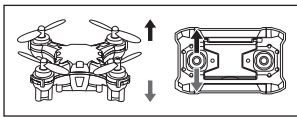
Red light is on the right. Green light is on the left.

One key automatic return



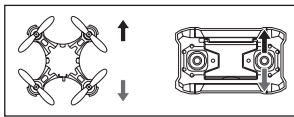
## OPERATING INSTRUCTIONS

Hover up and down



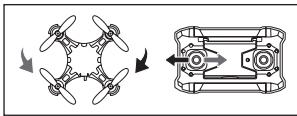
Push the throttle lever up or down

Forward and backward



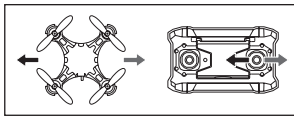
Push the direction lever up or down

Turn left and right



Push the left lever left or right

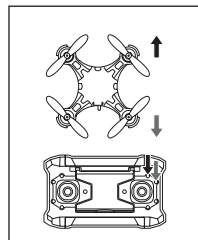
Left and right sideways



Push the right lever left or right

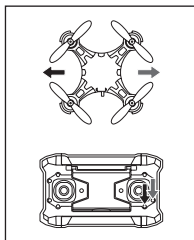
## FINE TUNING

Forward/backward



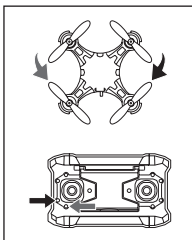
Use the backward/forward trimmer to correct the Mini Drone if it keeps flying forwards or backwards

Sideways



Use the left/right sideways fly trimmer to correct the Mini Drone if it keeps flying left or right

Turning



Use the right/left trimmer to correct the Mini Drone if it keeps rotating

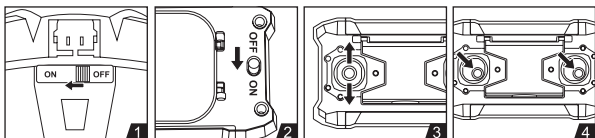
## LOW VOLTAGE PROTECTION

If the Mini Drone battery is low, the rotors will stop automatically in order to protect the battery.

## RESET FUNCTION

If the Mini Drone is flying erratically or not as expected simply restore factory default settings as follows:

1. Turn the Mini Drone ON.



2. Turn the transmitter ON.

3. When the mini drone's LED stops flashing quickly and begins to flash slowly push the throttle level up as far as it will go. LED will turn ON.

4. Place the Mini Drone on a level surface, then push the transmitter levers to the down and right for 2-3 seconds. LED indicator will flash quickly for 2-3 seconds then stop flashing and remain ON. The mini drone has been successfully reset.

## THROWING FLIGHT

Gently throw the Mini Drone up in the air, then push the throttle up the Mini Drone will level out and hover automatically.

## 3D EVERSION

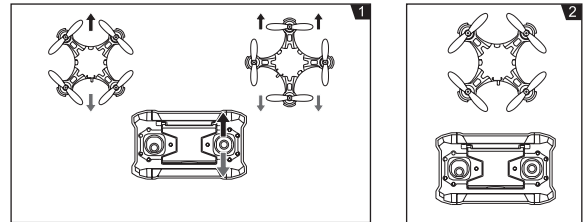
Once you are familiar with the Mini Drone's basic operation you can do exciting tricks and stunts.

- Fly the Mini Drone to a height of at least 3 metres.
- Press the 3D eversion switch (right thumb stick mode 2) then push the right rudder in any direction to perform a 360 degree flip.

**TIP:** 3D eversion requires full battery power to function properly

## HEADLESS MODE

When syncing, the antenna of the transmitter must be aligned with the back of the mini drone. When you press the headless mode button during flight you will hear 3 beeps and the LED indicator will turn ON. While

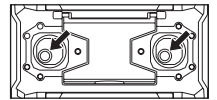


in headless mode the transmitter must remain in front of the Mini Drone. The Mini Drone will fly in the direction that the lever is pushed. To exit headless mode, simply press the headless mode button again. You will hear a beep indicating the headless mode has been turned OFF.

## CAUTION

After fixing the Mini Drone must be reset

- Place the Mini Drone on a level surface, then push the transmitter levers to the down and left for 2-3 seconds. LED indicator will flash quickly for 2-3 seconds then stop flashing and remain ON. The Mini Drone has been successfully reset



## ONE BUTTON AUTOMATIC RETURN

If the Mini Drone flies too far, simply call it back using the one button automatic return function.

- The antenna of the transmitter must be aimed at the end of the Mini Drone
- Press the one button automatic return button. You will hear a beep and the Mini Drone will return to you. To cancel the automatic return, simply press the direction lever

**CAUTION:** Automatic return can only be used if the transmitter is in the same location it was when the Mini Drone took flight.

## TROUBLESHOOTING

Problem	Reason	Solution
No response from the mini drone	Low battery—Mini Drone	Charge the Mini Drone
	Low battery—transmitter	Replace batteries
	Incorrect frequency	Ensure Mini Drone and transmitter are on the same frequency
Slow to respond or difficult to manoeuvre	Low battery—transmitter	Replace batteries
	Interference from another R/C vehicle nearby	Repair to pre-flight state

## WARNING

- This product is not a toy. It requires correct assembly and careful adherence to this manual to avoid accidental damage. Care must be taken to control it in a safe way. Operator assumes all responsibility
- When flying, DO NOT allow the Mini Drone out of your sight
- Adult supervision is required
- Keep away from obstacles or crowds
- Keep away from moisture and heat sources

## INDUSTRY CANADA NOTICE RSS210

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of Industry Canada.

## THE SOURCE - WARRANTY



The Source warrants that this product will be free from defects in materials and workmanship for a period of six (6) months from the date of purchase. Within this period, simply take the product and your proof of purchase to any The Source store or participating dealer and the product will be replaced (where available) without charge. Any product which has been subject to misuse or accidental damage is excluded from this warranty. This warranty is only applicable to a product purchased through The Source company-owned stores or participating dealers in Canada where the warranty is included with the product. While this warranty does not confer any legal rights other than those set out above, you may have additional statutory rights which will vary under the laws of the various countries, states, provinces and other governmental entities in which The Source operates. This warranty is subject to all statutory rights you may have in Canada.

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