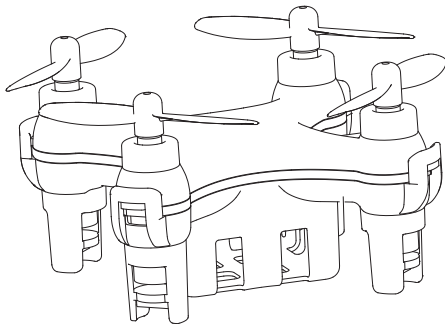10.866"
276.000 mm

THE MINI DRONE

Instruction manual
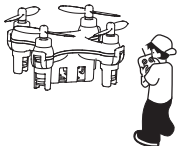

WARNING:
• The Drone is designed for 14+
• Adult supervision is always advisable with any form of Drone.
• Always ensure your flight area is free of all obstacles before taking off, and ensure the Drone is always flown in excess of 3 meters from yourself and others
• Remove all batteries from the Drone and Controller when not in use
• Never overcharge
• Never leave to charge unattended
• Never touch the Drones motors during or after flying as they can get hot
• Never touch the blades when they are in motion
• If the Drone becomes damaged, stop using it immediately
• Do not dispose of any parts of the Drone or Controller in normal garbage; all parts should be taken to your local recycling center
• The battery in the Drone should never be exposed to any form of high temperature or disposed of in a fire
• At the end of the useful life of this product or its batteries, please do not dispose of in normal household waste. Always dispose of at your local recycling center.

1. CONTROLLER USAGE:

Speed Button (Press down)
ON/OFF
Flip Button (Press down)
Throttle Up/Down and Spin Left/Spin Right
Rudder Forward/Backward Turn Left/Turn Right
Headless function
Forward Trim Button
Turn Right Trim Button
Backward Trim Button
One Key Return
Turn Left Trim Button

2. SETTING UP THE CONTROLLER / DRONE:

INSTALLING THE CONTROLLER BATTERIES

2 x "AAA" Batteries

NOTICE:
1. Always have an adult install the batteries
2. Always use Alkaline Batteries
3. Never mix old and new batteries

1. Unscrew the battery cover, and insert 2 "AAA batteries, making sure you insert them following the correct polarity as shown.
2. Re-attach the battery cover

CHARGING YOUR DRONE BATTERY
1. Connect the Drone to the provided USB charging cable.
2. Connect the USB charging cable to an AC wall adapter or Computer USB output port.
3. The LED will light up RED while charing, and turn off when fully charged.

WARNING:
1.Even if the LED has not indicated a full charge, do not charge for more than 40 minutes.
2. Do not leave the battery unattended while the device is charging.
3. Only ever use the supplied battery or plug charger.

1

3. SAFE FLIGHT ENVIRONMENT:

1. Make sure the surrounding area is free of all people, pets or other obstacles before you start to fly.
2. The Drone is designed as an Indoor and Outside Drone. It is not recommended to fly the Drone inside a house, or Outside in strong winds.
3. Leave 5 feet between you and the Drone at all times.

4. SETTING UP THE SIGNAL CONNECTION:

Step 1
Turn on the Drone Power Switch. The LED's on the Drone will start to flash. Place the Drone down on a FLAT surface.

⚠CAUTION

The throttle stick to lowest point

Step 2
Ensure the UP/Down Lever on the controller is in the fully DOWN position. Then turn on the controller Power Switch. To pair the signals of the Drone and the Controller, you must now RAISE the **Throttle** Lever on the controller all the way to the TOP, and then all the way to the BOTTOM. You may need to repeat this a few times. The controller will make a BEEP sound. The next time you RAISE the **Throttle** on the Drone will lift into the air.

Step 3
Always turn off the drone Power Switch after flight.

Power switch

Step 4
Always turn the controller off after flight, and remove all batteries if leaving un-used for a long period of time.

2

5. FLIGHT CONTROL:

PLEASE USE THE CONTROLLER TO PRACTICE SIMULATED FLIGHTS BEFORE YOU ACTUALLY TAKE THE Drone IN THE AIR FOR THE FIRST TIME

Place the Drone on a flat surface, making sure the RED LED lights are pointing away from you.
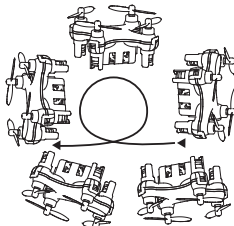The RED LED lights indicate the FORWARD direction.

Ascending / Descending
When you push Up on the **Throttle** the Drone will start to go Up (please do this slowly at first till you learn the sensitivity). When you push Down on the **Throttle** the Drone will start to go Down.

Turn right / Turn left
When you push Left on the **Rudder** the Drone will start to spin Left.
When you push Right on the **Rudder** the Drone will start to spin Right.

Forward / Backward
When you push Forward on the Forward/Backward Lever the Drone will start to fly Forward (please do this slowly at first till you learn the sensitivity). When you push Backwards on the Forward/Backward Lever the Drone will start to fly Backwards.

Left sideways fly / Right sideways fly
When you push Left on the **Rudder** the Drone will start to Bank Left (please do this slowly at first till you learn the sensitivity) . When you push Right on the Bank **Rudder** the Drone will start to Bank Right.

TIP: It is much easier when you start to learn to fly the Drone, to ignore the **Rudder** By using Up/Down, Forward/Backward, Bank Left/Bank Right (**Throttle**), the Drone will still be able to fly anywhere. Also by keeping the RED LED facing forwards at all times, it is much easier to know which direction you will go in.
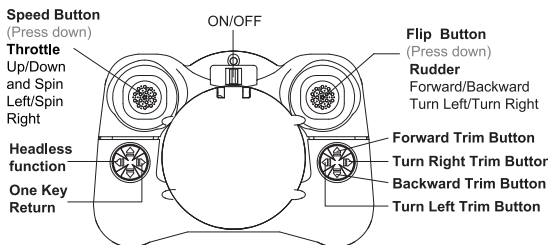
6. HOW TO DO A 360 FLIP:

1. Make sure the Drone is flying at least 5 feet above the floor, or 5 feet bellow a ceiling.
2. Press the Flip button on the controller. The controller will make a "beep" sound, the flick the right hand lever in any direction, and the Drone will flip in that direction.
3. You may need to push **Throttle** after the flip, if your battery is low on power in order to keep the Drone high in the air after the Flip.
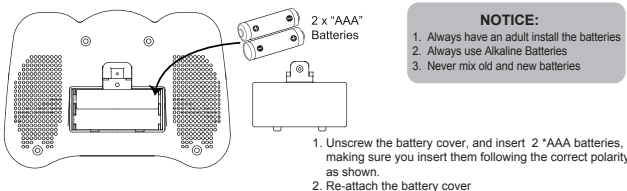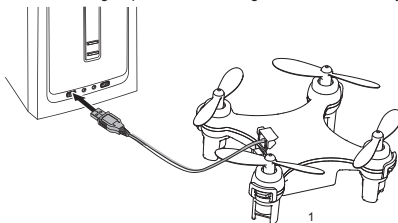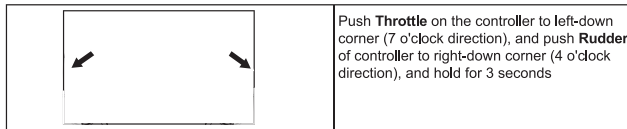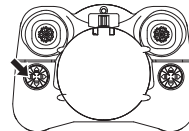
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7. FEATURES:

SPEED CONTROL: When you first turn on your Drone, it is set to low speed, you will hear ONE beep. When you press the SPEED BUTTON, you will hear TWO beeps and the speed will be increased to middle speed. Pressing again, you will hear THREE beeps and the speed will be increased to high speed. Pressing again, will bring you back to low speed and you will hear ONE beep. Always learn to fly at low speed, and then you can increase it as you get better at flying.

8. FLIGHT ADJUSTMENT SECTION:

When you lift your Drone into the air, and don't use any of the other control levers, it should just HOVER in one spot. If it doesn't, you can follow the below instructions to bring your Mini Drone back to a perfect HOVER.

If your Drone banks to the Left, keep pressing the Bank Left/Bank Right Trim Button to the Right till the Drone stops banking.

If your Drone banks to the Right, keep pressing the Bank Left/Bank Right Trim Button to the Left till the Drone stops banking.

If your Drone flies Backwards, keep pressing the Forward/Backwards Trim Button Up till the Drone stops flying Backwards.

If your Drone flies Forwards, keep pressing the Forward/Backwards Trim Button Down till the Drone stops flying Forwards.

9. RESETTING THE DRONE:

Push **Throttle** on the controller to left-down corner (7 o'clock direction), and push **Rudder** of controller to right-down corner (4 o'clock direction), and hold for 3 seconds
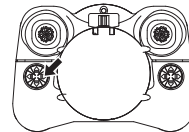
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10. HEADLESS FUNCTION:

HOW TO GET INTO/QUIT HEADLESS FUNCTION FLYING?
Press the Trim Slider button left, you will get enter **Headless** mode flying. The LED indicators will begin to blink and beep. To quit from **Headless** mode by Press the same slider button. The LED indicators will stop flashing and the Drone will beep once more.

11. ONE KEY RETURN FUNCTION:

Press the Trim Slider button Right, you will get enter **One Key Return Mode.** The remote will beep and the Drone will begin to return in the direction of the remote control. To quit the mode by Press the same slider button.

12. REPLACING BLADES AND FIXING ISSUES:

1. **BLADE REPLACEMENT:** Your Drone blades are very strong, but sometimes they can get damaged with a bad crash. You have spare blades in the box, and to replace them it is as easy as just placing a new one back on over the motor bar. You must always replace an Red Blade with an Red Blade, and a Black Blade with a Black Blade. Make sure the A's are opposite eachother. Also make sure the B's are opposite eachother for proper flying.
2. **Drone NOT LIFTING OR NOT FLYING IN YOUR CHOSEN DIRECTION:**
   1)The most common reason for a Drone not lifting or flying in your chosen direction properly is that you have hair and debris wrapped around one or more of the blades. This is simple to remove, just take off the blade. Remove the debris, and place the blade back on.
   2) The batteries in either the Drone or Controller may need charging (or replacing if it's the batteries in the controller).
   3) You may have knocked your Trim Button settings out of sync. Follow the instructions earlier in this booklet to reset them back to the factory settings, and then re-trim as desired.

13. SPECIFICATIONS:

. Flight Distance: Up to 30–40m
. Number of Drones: Up to 10 Drones can be flown in the same space at the same time
. Flight Time: up to 5 mins from a full charge
. Removal Battery: Additional Batteries can be bought separately

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10.079"
256.000 mm