

Rechargeable 2.4GHz MICRO DRONE

GETTING TO KNOW YOUR DRONE

PLEASE READ ALL WARNINGS AND INSTRUCTIONS PRIOR TO USE. KEEP THIS DOCUMENT AS IT CONTAINS IMPORTANT INFORMATION ABOUT YOUR DRONE.



- 1. CHARGING**
 - Drone must be charged before each use (table included)
 - Indicator light will turn off once fully charged
 - Install batteries in remote
- 2. PAIRING**

Before each flight pair the remote with the drone:

 - Turn your drone on and place on a flat, level surface
 - Turn on the remote on and move the left joystick down, then up, then down again
 - The beep will indicate successful pairing
- 3. DIRECTIONAL LIGHTS**
 - White lights indicate the front of the drone
 - Red lights indicate the back of the drone
 - Not applicable in auto-orientation mode
- 4. REMOTE CONTROL OVERVIEW**

Practice flying your drone below 100 feet and at low speeds until comfortable with all controls to avoid unnecessary damage or injury

 - Left joystick:
 - Up/Down controls elevation
 - Left/Right controls spin
 - Right joystick: controls flight direction
 - Direction Trim: used to eliminate drift

To cut power to drone, move left joystick to down position

QUESTIONS OR CONCERNS? PLEASE GIVE US A CALL... WE'RE HERE TO HELP

CUSTOMER SERVICE
(800) 374-2744

Before cutting please locate the 10-digit code printed on the back of your remote



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INTRODUCTION

Congratulations on your purchase of the Rechargeable 2.4 GHz Micro Drone. Get ready to soar to new heights. Master the art of drone flying with remote control maneuverability. This lightweight micro drone will provide hours of fun.

SPECIFICATIONS
Drone Battery: 100 mAh Li-ion
Remote Controller Battery: 2 x 1.5V AAA
Charging Time: Approximately 30 minutes
Maximum Recommended Altitude: 60 ft.

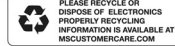
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READ ALL WARNINGS AND PRECAUTIONS BEFORE USE

- SAFETY WARNINGS:**
- Not recommended for children under 12 years of age. As with all electrical products, precaution should be observed during handling and use to reduce the risk of electrical shock.
 - Adult supervision is required at all times.
 - Before each use, an adult should review the product and battery to determine that no damage or hazards exist.
 - DO NOT TOUCH SPINNING PROPELLERS.**
 - Do not land anything to intentionally make contact in any way with spinning propellers.
 - Prevent contact with spinning blades by turning off remote prior to handling drone.
 - Use caution and pay attention to your surroundings while operating drone.
 - Do not fly drone into animals, people, or inanimate objects.
 - Do not land drone on wet surfaces.
 - Never touch or allow others to touch drone while it is flying.
 - Always turn drone off when it is not in use.
 - Never fly drone in large open areas.
 - Never fly drones above or near people, sudden changes in wind or other conditions could lead to unexpected crashes.
 - Always use caution when flying drone vehicles, other relevant laws, respect the privacy and property rights of others.
 - The drone shall never be modified or used for anything except its intended purpose.



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CONTENTS

REMOTE BATTERY INFORMATION

- Unscrew the battery door with screw driver. Slide open battery compartment.
- Install 2 "AAA" batteries as shown in diagram shown above.
- Replace and close battery compartment.

LITHIUM-POLYMER BATTERY WARNING

There is a risk of fire and personal injury if Li-Po battery is punctured, damaged or misused.

- Never expose battery to extreme temperatures or moisture.
- Do not subject battery to strong impacts.
- Always keep battery away from flammable materials.
- Only use manufacturer specified batteries, chargers, and/or adapters, if applicable, specified by the manufacturer.
- Battery is not serviceable.
- Let battery cool to room temperature before charging.
- While charging, never leave battery unattended.
- Recycle or dispose of battery according to federal, state and local laws.

KEEP THIS INSTRUCTION MANUAL FOR REFERENCE

BATTERY WARNING

Do not use mobile, wireless, cordless, or rechargeable batteries. Do not use any battery that is not specifically designed for this product. Do not use any battery that is not specifically designed for this product. Do not use any battery that is not specifically designed for this product.

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CHARGING BATTERY

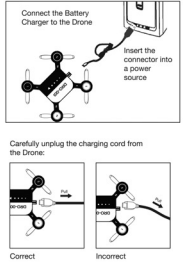
Note: The Battery Charger will light up when it is charging the battery and turn off when the battery is fully charged. Charge time is approximately 30 minutes.

Turn off the drone before charging.

Carefully connect the Drone to USB charging cord as the connector. Connector is delicate and must be handled with care.

Connect USB connector to power source.

Please note the plug direction when plugging in the drone:



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BLADE GUARD INSTALLATION

Blade guards should be installed prior to flying the drone. The blade guards will help protect your drone and bystanders from the spinning propellers. They will protect the propellers if the drone is dropped or has a rough landing. The blade guards will also allow you to see the drone while it is in flight. Please see below on how to properly install the blade guards.

BEFORE INSTALLATION:

AFTER INSTALLATION:

INSTALLING BLADE GUARDS

- Identify the location on the blade guard and match to the hole on the Drone.
- Carefully align the propeller so it is horizontal to the leg of the Drone.
- Coming from below, angle the blade guard to the propeller post.
- Carefully clamp the blade guard around the propeller post. Press down on the base until it clicks.
- Repeat on three remaining corners.

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REMOTE CONTROL OVERVIEW

Light indicates remote is on

ON/OFF Remote Switch

Multi Direction Joystick

Side to Side Adjustment: Slide left to adjust to the left and slide right to adjust to the right

Forward/Backwards Adjustment: Slide up to adjust forward and slide down to adjust backwards

Throttle Joystick: Increases or decreases drone elevation

Use LR arrows for spin

Spin Adjustment: Slide left to spin drone counter-clockwise and slide right to spin drone clockwise

Auto Orientation ON/OFF

DRONE OVERVIEW

Switch left to turn Drone ON

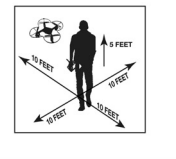
Switch right to turn Drone OFF

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OPERATING DRONE

- Step 1 - Pre Flight Checklist**
- Read all warnings and instructions
 - Install remote batteries, page 2
 - Make sure that drone and remote are powered off.
 - Charge battery, page 3.
- Step 2 - Choosing a location**
- Drone is designed to be flown indoors only.
 - Always make sure you have enough space to fly drone.
 - Always follow warnings, page 1.
- Step 3 - Starting Drone**
- Making sure your remote is off, slide drone switch to ON. Drone lights will begin to flicker.
 - Choose a flat even surface and follow the diagram.
 - Turn remote on. Bring the throttle all the way up then bring it all the way down. Remote will beep and drone lights will flicker rapidly then turn on permanently once paired.
 - Drone is ready for flight.

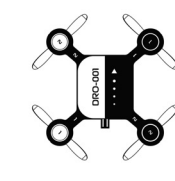
- Step 4 - Lift Off**
- Slowly and carefully bring the Throttle up. Propellers will begin to spin and drone will begin to elevate. You can compensate for some of the drone drifting by using the Multi Directional Button or by following step 5. You may need to practice this step several times before successfully getting drone into the air.
- Step 5 - Choosing a location**
- Follow this step if your drone begins to drift while take off or during flight:
- Drone drifts backwards: Slide the Forward/Backwards Adjustment up.
 - Drone drifts left: Slide the Side to Side Adjustment to the right.
 - Drone drifts right: Slide the Side to Side Adjustment to the left.
 - Drone spins clockwise (viewing drone from top): Slide the Spin Adjustment to the left.
 - Drone spins counter-clockwise (viewing drone from top): Slide the Spin Adjustment to the right.



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MODES

- Auto Landing**
- Make sure you have achieved level, balanced flight, where the drone is neither climbing nor descending. This mode will activate when the remote loses signal or when remote is turned off or when battery gets too low.
- The ideal auto landing height is 10ft.
- This mode allows you to safely and slowly land your drone without having to control the speed. It is done for you automatically.
- Auto Orientation**
- Auto Orientation default setting is off. To enter this mode press Auto Orientation button. Remote will beep twice and the LED will light up.
 - After drone success paired, the 2 white LED lights toward orientation will be the original forward orientation, when drone is in auto orientation mode, whatever the drone spin, the forward orientation will be previous original forward orientation.
 - Remote will beep every 5s to indicate the drone is in Auto Orientation mode.
 - To exit mode, press the button again, the LED will light off. Remote will sound 3 long beep indicating that it has exited Auto Orientation mode.



REPLACING PROPELLERS

- Follow diagram to the right.
 - Make sure you installed the correct blade. Each blade has a letter written on it.
- NOTE:** Blade 1 turns counter clockwise and Blade 2 turns clockwise

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TIPS

- Do not splash drone into sand or dirt. Drone gears may become clogged
- When first testing fly, practice flying off level surfaces.
- Stay away from trees and buildings.
- Always Press Throttle all the way down when something gets stuck in propellers
- Never fly drone above or near people, sudden changes in wind or other conditions could lead to unexpected crashes.
- Always use caution when flying drone vehicles, other relevant laws, respect the privacy and property rights of others.
- Use drone only in open areas.

WARNING: Charges or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

TROUBLESHOOTING:

When remote switch is turned on, the remote light does not illuminate

- Check that batteries in the remote are inserted correctly on
- Replace with new batteries

During drone flight, the remote LED is flashing:

- Replace batteries as low, replace them with new batteries

Drone and remote properly pair, but the drone will not fly:

- Drone LiPo needs charging. Use charging cable to connect the drone to power source.

After finishing the drone, the drone light is very unstable and cannot fly properly:

- One or more blades are most likely damaged.
- Turn off the drone and remote.
- Replace the motor number replacement blade and fly again.

After inspect, the drone is unstable:

- Put the left remote control lever to the left bottom and put the right remote control lever to the right bottom at the same time which connected to the drone (diagram to right).
- If the above does not resolve the issue, reboot the drone and controller and pair again.

Remote Controller and Drone can not be paired:

- Check Point: Remote Controller must be closed to Drone, not exceed 4 meters.

Note: There are 2 sets of Drone within 4 meters for Pairing, you must pair one successfully before pairing the second set.



KEEP THIS INSTRUCTION MANUAL AS IT CONTAINS IMPORTANT INFORMATION FOR FUTURE REFERENCE.

This drone complies with Part 101 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 from licensed stations.

The FCC requires the user to be notified that you should not modify any of the default settings contained in the manufacturer's manuals and accessories. 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 from licensed stations.

There is a risk of fire and personal injury if Li-Po battery is punctured, damaged or misused. Do not use any battery that is not specifically designed for this product. Do not use any battery that is not specifically designed for this product. Do not use any battery that is not specifically designed for this product.

WARRANTY: This product is warranted against defects in materials and workmanship for a period of 90 days from the date of purchase. The warranty is void if the product is damaged, altered, or modified in any way. The warranty does not cover normal wear and tear, misuse, or accidents. For more information, please contact our customer service at (800) 374-2744.

RECYCLING: Please recycle this product and its packaging. Do not dispose of this product in the trash. For more information, please visit www.electronicrecycling.com.

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