

**Rechargeable 2.4GHz DX-1 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 (USB cable included)
- Indicator light will turn off once fully charged
- Insert 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 throttle 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 10 feet and 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: Turn: use 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 calling please locate the 10-digit code printed on the back of your remote



**Rechargeable 2.4GHz DX-1 MICRO DRONE**

**INTRODUCTION**

Congratulations on your purchase of the Sharper Image Rechargeable 2.4 GHz DX-1 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-Ipo  
Remote Controller Battery: 2 x 1.5V AAA  
Charging Time: Approximately 90 minutes  
Maximum Recommended Altitude: 65 ft.

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**Rechargeable 2.4GHz DX-1 MICRO DRONE**

**READ ALL WARNINGS AND PRECAUTIONS BEFORE USE**

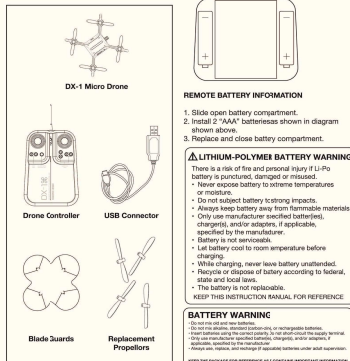
**SAFETY WARNINGS:**

- Not recommended for children under 14 years of age. As with all electrical products, precaution should be observed during handling and use to reduce 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 allow 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.
  - Keep drone away from power lines, buildings, trees, public areas, and any other potentially hazardous areas.
  - Do not operate in rain, heavy wind, and/or any type of severe weather.
  - 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.
  - Always 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; obey relevant laws, respect privacy and property rights of others.
  - The drone shall never be modified or used for anything except its intended purpose.

**PLEASE RECYCLE OR DISPOSE OF ELECTRONICS PROPERLY RECYCLING INFORMATION IS AVAILABLE AT WWW.MERCSOURCE.COM**

**Rechargeable 2.4GHz DX-1 MICRO DRONE**

**CONTENTS**



**REMOTE BATTERY INFORMATION**

- Slide open battery compartment.
- Insert 2 "AAA" batteries 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, chargers, and/or adapters, if applicable, specified by the manufacturer.
- Battery is not serviceable.
- Let battery cool to room temperature before recharging.
- While charging, never leave battery unattended.
- Recycle or dispose of battery according to federal, state and local laws.
- The battery is not recyclable.

**BATTERY WARNING**

Do not use other than Sharper Image chargers or other power sources. Avoid contact with the metal contacts, or the short circuit the metal terminal. Do not use flammable, explosive, corrosive, volatile, or oxidizable liquids. Avoid any repair, and do not charge or operate batteries under such conditions.

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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 90 minutes.

Turn off the drone before charging.

Connect USB connector to power source.

Connect USB connector to power source.

Connect the Battery Charger to the Drone

Insert the USB connector into a USB power source

Please note the plug direction when plugging into the drone.

Correctly unplug the charging cord from the drone.

Correct Incorrect

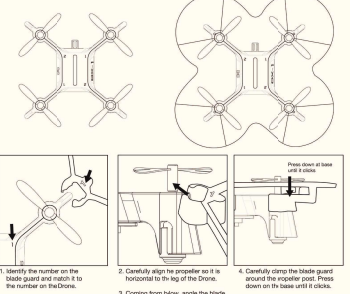
Drone can be charged and stored inside of controller.

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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.

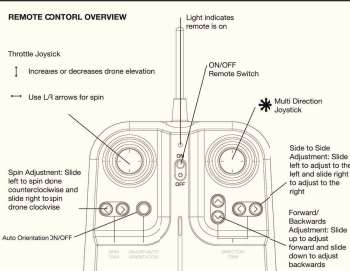
**BEFORE INSTALLATION:** **AFTER INSTALLATION:**



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

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**REMOTE CONTROL OVERVIEW**

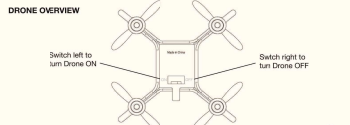


Light Indicates remote is on  
ON/OFF Remote Switch  
Multi-Direction Joystick  
Spin Adjustment: Slide left to spin drone counter-clockwise and slide right to spin drone clockwise  
Auto Orientation ON/OFF

Throttle Joystick  
Increases or decreases drone elevation  
Use L/R arrows for spin

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

**DRONE OVERVIEW**



Switch left to turn Drone ON  
Switch right to turn Drone OFF

**Rechargeable 2.4GHz DX-1 MICRO DRONE**

**OPERATING DRONE**

**Step 1 - Pre Flight Checklist**

- Read all warnings and instructions
- Read all remote batteries, page 2.
- Make sure that drone and remote are powered on.
- Install Blade Guards, page 4.
- Charge batteries, 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 that remote is off, slide drone switch ON. Drone lights will begin to flash.
- 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 flash 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 - Drone Begins to Drift**

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 forwards: Slide the Forward/Backwards Adjustment down
- 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 counter-clockwise (viewing drone from top): Slide the Spin Adjustment to the left
- Drone spins clockwise (viewing drone from top): Slide the Spin Adjustment to the right

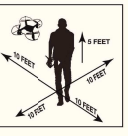
**Always turn off remote prior to retrieving or picking up drone. This will help you avoid accidentally activating propellers.**

**Step 6 - Operating Drone in Flight**

The drone range is approximately 100 feet

- Read and the rest of all warnings found on page 1.
- Maintain your desired elevation by using the Throttle
- Use the Throttle joystick in a circular motion to spin the drone
- Use the Multi-Directional Joystick to move forwards, backwards, and side to side
- Review step 5 if your drone begins to drift

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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.
- This mode allows you to safely and slowly land your drone without having to control the speed. It is done for you automatically.

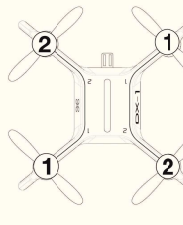
**Auto Orientation**

- 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 successfully 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 1 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 crash drone into sand or dirt. Drone gears may become clogged
- When first turning to fly, practice lifting off and hovering
- Stay several feet from walls and buildings
- Always be mindful of the wind. Be aware of any air currents that may affect it
- Never fly drone above or near people, water, power lines or other conditions could lead to unexpected crashes.
- Always use caution when flying drone vehicles; obey relevant laws, respect the privacy and property rights of others.
- The drone shall never be modified or used for anything except its intended purpose.

**WARNINGS:** Changes or modifications to this unit not approved by the party responsible for compliance could void the user's authority to operate the equipment.

**TROUBLESHOOTING:**

- When remote is turned on, the remote light does not illuminate
  - Check that batteries in remote are inserted correctly
  - Replace with new batteries

When the remote is switched on, the remote LED is flashing and remote is beeping

- Remote batteries are low; replace them with new batteries

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

- Check LiPo needs charging. Make charging when it connects the drone to power source.

After initiating the drone, the drone light is very unstable and does not properly pair

- One or more blades are not installed correctly
- Tip of the blade and sensor
- Replace with the proper remote controller propeller back and by flying again.

After inspect, the drone is unstable

- On the left remote control: move to the left button and cut the left remote control lever to the right bottom of the remote to see which controller for the drone is on the right.
- On the right remote control: move to the right button and cut the right remote control lever to the left bottom of the remote to see which controller for the drone is on the left.
- Check Point: Remote Controller must be close to drone, not covered in misters.

**NOTE:** If you are unable to connect with a remote to Paragon, you may want to contact our customer service for a second set.


The drone comes with the 10 or 15 ft. Altitude. Blade 1 is a left blade, Blade 2 is a right blade. Blade 1 will rotate clockwise and Blade 2 will rotate counter-clockwise. Both blades are made of polycarbonate.

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