



Rechargeable 2.4GHz DX-1 MICRO DRONE

INTRODUCTION

Congratulations on your purchase of the Sharper Image Rechargeable 2.4GHz 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: 190 mAh Li-po
Remote Controller Battery: 2 x 1.5V AAA
Charging Time: Approximately 40 minutes
Maximum Recommended Altitude 65 ft.

TABLE OF CONTENTS

General Warnings

- Contents and Remote Battery Installation
- Charging LiPo and Drone Storage
- Blade Guard Installation
- Remote Control and Drone Overview
- Operating Drone
- Modes and Replacing Propellers
- Troubleshooting and FCC Warning

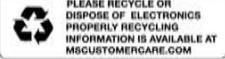
- Page 1
Page 2
Page 3
Page 4
Page 5
Page 6
Page 7
Page 8

Rechargeable 2.4GHz DX-1 MICRO DRONE

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 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 drone 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 the privacy and property rights of others.
- The drone shall never be modified or used for anything except its intended purpose.



Page 1

Page 1

Rechargeable 2.4GHz DX-1 MICRO DRONE

CHARGING BATTERY

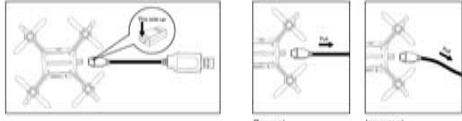
Note: The Battery Charger will light up when it is charging the battery and turn off when the battery is fully charged. Charge time is approximately 30 minutes.

Turn off the drone before charging.

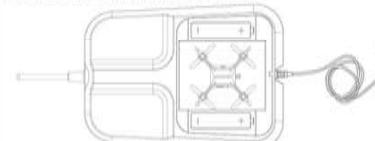
Carefully connect the Drone to USB charging cord as the connector. Connector is delicate and must be handled with care.

Connect USB connector to power source.

Please note the plug direction when plugging in the drone:



Drone can be charged and stored inside of controller:

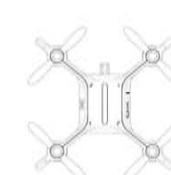


Rechargeable 2.4GHz DX-1 MICRO DRONE

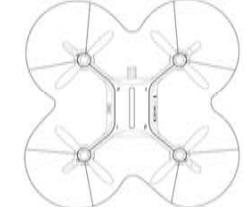
BLADE GUARD INSTALLATION

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 correctly seated.
- Carefully clamp the blade guard around the propeller post. Press down on the base until it clicks.
- Repeat on these remaining corners.

Page 4

Rechargeable 2.4GHz DX-1 MICRO DRONE

REMOTE CONTROL OVERVIEW

Throttle Joystick

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

ON/OFF Remote Switch

Light indicates remote is on

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

Auto Orientation ON/OFF

RECHARGEABLE 2.4GHz DX-1 MICRO DRONE

OPERATING DRONE

Step 1 - Pre Flight Checklist

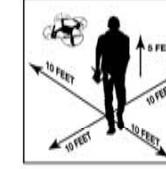
- Read and understand instructions
- Install remote batteries, page 2
- Make sure that drone and remote are powered on
- Install Blade Guards, page 4
- Charge batteries, page 4.

Step 2 - Choosing a location

- Drone is designed to be flown indoors only.
- Always make sure you have enough space to fly drone.
- Follow all 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 stand on it.
- 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.



Page 5

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 sideways: Slide the Left/Right 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 clockwise (viewing drone from above): Turn the Spin Adjustment to the left.
 - Drone spins counter-clockwise (viewing drone from top): Turn 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 control range is approximately 100 feet.
- Read and be aware of all warnings found on page 1.
 - Maintain your desired elevation by using the Throttle.
 - Use Throttle joystick in a circle motion to turn.
 - Use the Multi Directional Joystick to move forwards, backwards, and side to side.
 - Review step 5 if your drone begins to drift.

MODES

- Auto Land
- Make sure the drone is high enough, descending remote is off or when
- The ideal mode for your drone is
- This mode is for your drone to

Rechargeable 2.4GHz DX-1 MICRO DRONE

CUSTOMER SERVICE

(800) 374-2744

TIPS

- Do not crash drone into sand or dirt. Drone gears may become clogged.
- Do not land drone on soft ground, grass, or sand.
- Do not land drone on water, prevent water from getting into drone.
- Always Press Throttle all the way down after landing or when something goes south in operation.
- 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, 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.

WARNING Changes 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 is turned on, the remote light does not illuminate.
- Check that batteries in the remote are installed correctly OR
 - 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 lift off:

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

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

- If the drone is heavily damaged, do not attempt to fly again.
- Turn off the drone and remote.
- Replace with the proper number replacement blade and try flying again.

After impact, the drone is unstable:

- Turn the left remote control lever to the left position and the right remote control lever to the right position.
- Do this at the same time which connected to the drone diagram on 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 that Remote Controller must be closed to Drone, not exceed 4 meters.

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

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.

NOTE: The equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of 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.

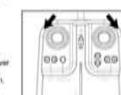
• Consult the dealer or an experienced radio/TV technician for help.

600161_2017_Monolithics_LLC_10_8799999999999999

600161_2017_Monolithics_LLC_10_8799999999999999

PATENT PENDING

Printed in China



Page 6