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Sharper Image 087-05-0197

Sharper Image Fly + Drive 7 Drone User Manual

Model: 087-05-0197

INTRODUCTION

The Sharper Image Fly + Drive 7 Drone is a versatile dual-function vehicle designed for both ground racing and aerial flight. This product is manufacturer refurbished, shows limited or no wear, and includes all original accessories plus a 90-day limited hardware warranty.

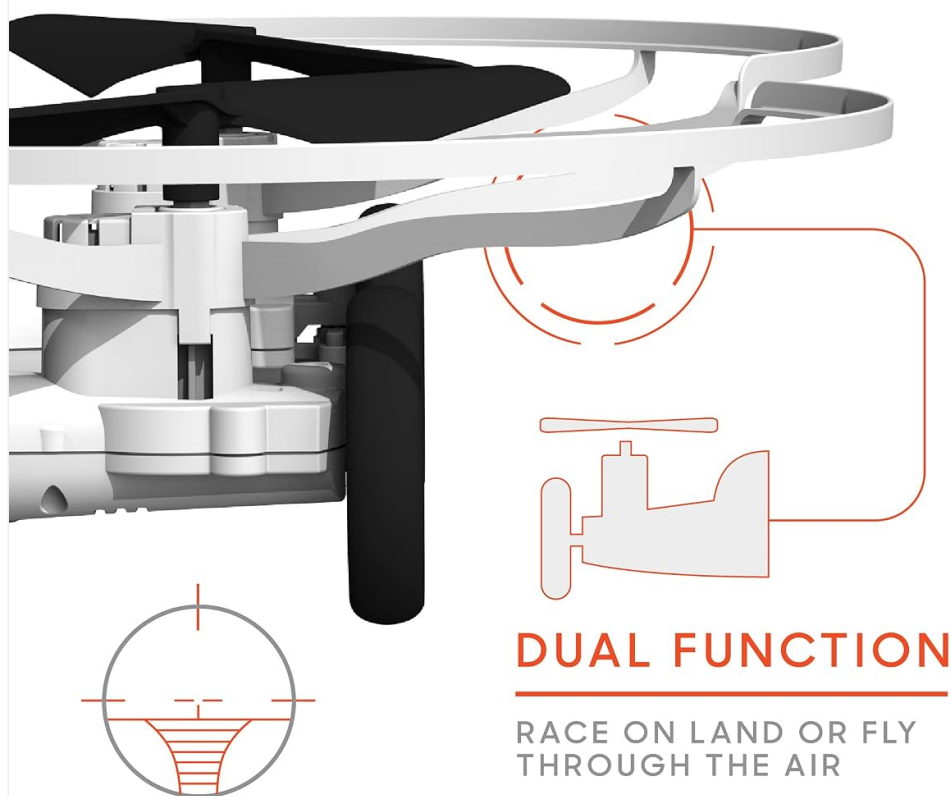


Image: The Sharper Image Fly + Drive 7 Drone in both car and drone modes, alongside its remote control.

WHAT'S INCLUDED

- Fly + Drive Drone Car
- Remote Control
- USB Charging Cable
- Rechargeable 3.7V 750mAh Lithium Battery (pre-installed)
- 4 Replacement Rotor Blades

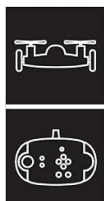
Note: The remote control requires 4 AA 1.5V batteries, which are not included.



DUAL FUNCTION

RACE ON LAND OR FLY
THROUGH THE AIR

WHAT YOU GET



Fly + Drive
Drone Car



USB
charging
cable



Remote
control



Drone requires a
rechargeable 3.7V
750mAh lithium battery
(included)

WHAT YOU NEED



Remote requires
4 AA 1.5V
batteries (not included)



4
replacement
propellers

Image: A visual representation of the items included in the package and the additional items required for operation.

FEATURES

- **Dual Function Vehicle:** Operates as both a remote-controlled car and a drone.
- **Gyroscopic Stabilization:** Features 6-axis gyro sensors for stable flights.
- **Long Range Control:** 2.4 GHz transmitter provides a flight range of up to 250 feet and a maximum altitude of 215 feet.
- **Rechargeable Battery:** Equipped with a long-lasting 800 Milliamp Hours (mAh) lithium battery.
- **LED Lights:** Multiple built-in LED lights illuminate for high visibility during operation.
- **Auto Orientation Flight Control:** Simplifies flight control by maintaining consistent orientation relative to the pilot.
- **Assisted Landing:** Provides advanced flight assistance for smoother landings.



Image: Key features of the drone, including LED lights, replacement rotor blades, dual function, gyroscopic stabilization, and adjustable speed.

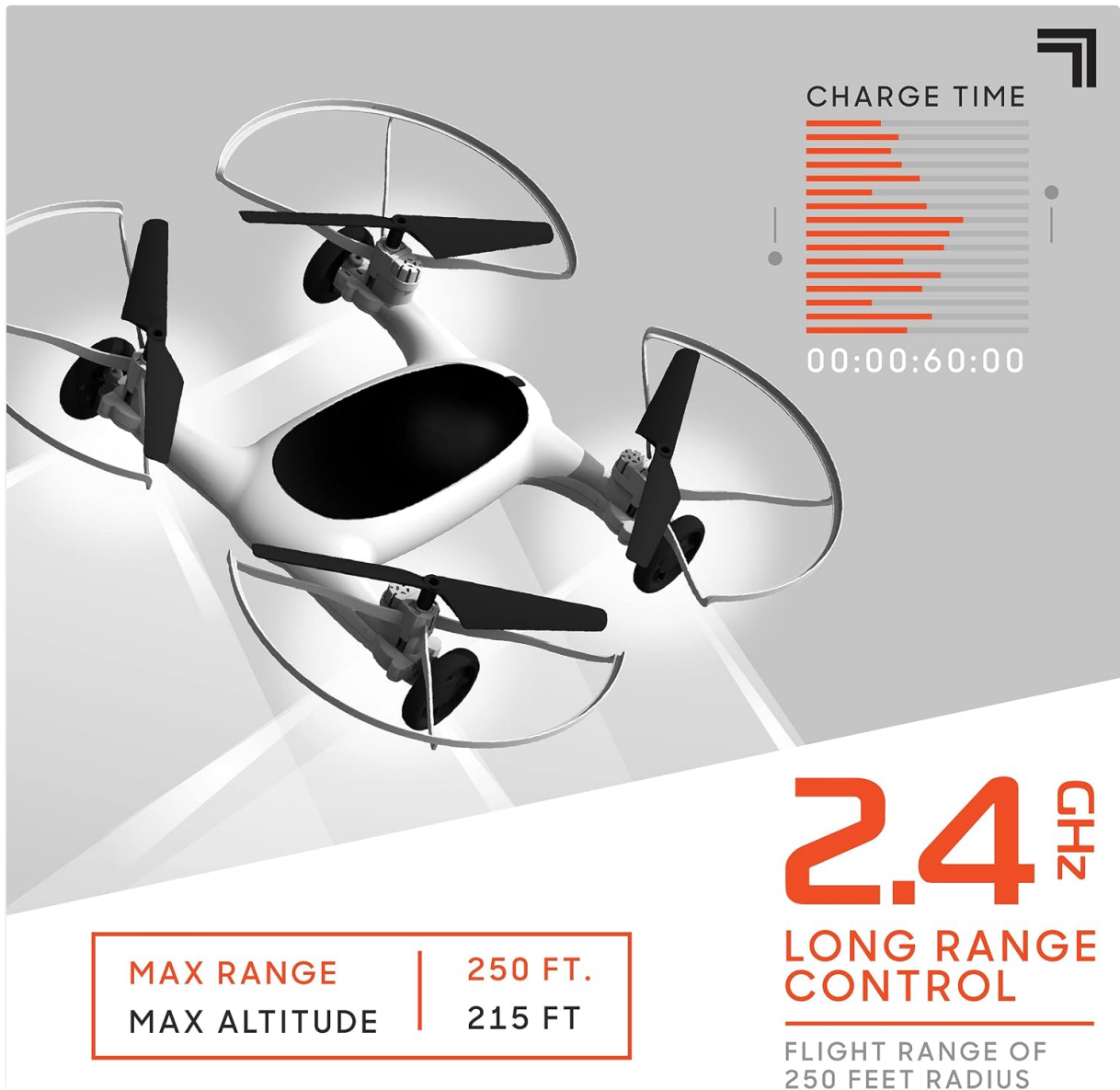


Image: Details on the drone's operational range (250 ft), altitude (215 ft), and approximate charge time (60 minutes).



Image: Features of the remote control, including USB charging, rechargeable battery, gyro stabilization flight control, auto orientation flight control, and assisted landing.

SETUP

1. Charging the Drone Battery

The drone is powered by a rechargeable 3.7V 750mAh Lithium battery. Before first use, fully charge the battery.

1. Connect the USB charging cable to the drone's charging port.
2. Plug the other end of the USB cable into a standard USB power adapter (not included) or a computer USB port.
3. The charging indicator light on the drone will show charging status (refer to drone's specific light behavior for full charge indication).
4. Charging typically takes approximately 60 minutes. Do not overcharge.

2. Installing Remote Control Batteries

The remote control requires 4 AA 1.5V batteries (not included).

1. Locate the battery compartment on the back of the remote control.
2. Open the battery compartment cover.
3. Insert 4 AA batteries, ensuring correct polarity (+/-).

4. Close the battery compartment cover securely.

3. Pairing the Drone and Remote

Follow these steps to pair your drone with the remote control:

1. Ensure both the drone and remote control are powered off.
2. Place the drone on a flat, level surface.
3. Turn on the drone. The LED lights on the drone will blink.
4. Turn on the remote control.
5. Push the left joystick (throttle) all the way up, then all the way down. The drone's lights will stop blinking and become solid, indicating successful pairing.

OPERATING INSTRUCTIONS

Basic Controls (Refer to Remote Diagram)



Image: The remote control, showing its various buttons and joysticks for flight and driving control.

- **Left Joystick (Throttle):** Controls altitude (up/down) and yaw (rotate left/right).
- **Right Joystick:** Controls forward/backward movement and left/right strafing.
- **ALIGN Button:** Activates Auto Orientation Flight Control.
- **LAND Button:** Initiates Assisted Landing.

- **TRIM Buttons:** Used to fine-tune drone stability during flight.
- **SPIN Button:** Activates 360-degree stunts.

Driving Mode

To operate the drone as a car on land:

1. Ensure the drone is on a flat, smooth surface.
2. Use the right joystick to control forward, backward, left, and right movement.
3. The drone's wheels will propel it across the ground.

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Video: Demonstrates the Sharper Image Fly + Drive Drone operating in car mode, racing on land.

Flying Mode

To operate the drone in the air:

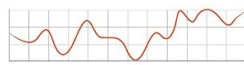
1. After pairing, gently push the left joystick up to take off.
2. Use the left joystick for altitude and rotation, and the right joystick for directional movement.
3. For stable flight, utilize the 6-axis gyro stabilization.
4. Press the ALIGN button for Auto Orientation Flight Control, which simplifies directional control regardless of the drone's facing direction.
5. To perform a 360-degree stunt, press the SPIN button.
6. To land, press the LAND button for assisted landing.

01

AUTO ORIENTATION FLIGHT CONTROL



VARIABLE ALTITUDE

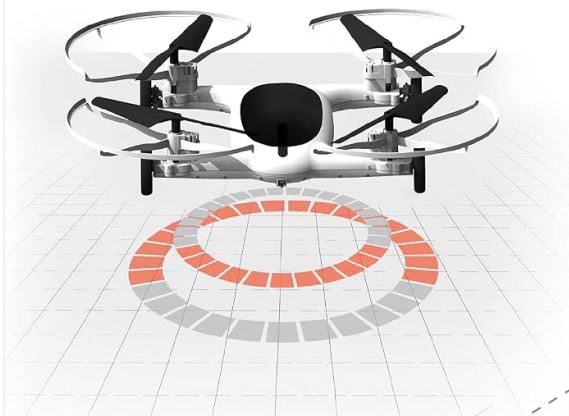


03

ASSISTED LANDING



CALIBRATING
LANDING ZONE



02



GYRO STABILIZATION FLIGHT CONTROL

360 DEGREE STUNTING



Image: Explains the advanced autopilot features: Auto Orientation Flight Control, Gyro Stabilization Flight Control, and Assisted Landing.

MAINTENANCE

Rotor Blade Replacement

If a rotor blade becomes damaged, it can be replaced using the included spare blades.

1. Carefully remove the damaged blade by gently pulling it upwards from its motor shaft.
2. Align a new replacement blade with the motor shaft.
3. Press down firmly but gently until the new blade is securely in place.
4. Ensure the blade spins freely without obstruction.



Image: A close-up view illustrating the replacement rotor blades and their attachment points on the drone.

General Care and Storage

- Clean the drone and remote with a soft, dry cloth. Do not use harsh chemicals or abrasives.
- Store the drone and remote in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove batteries from the remote control if storing for extended periods to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drone does not respond to remote.	Not paired; low battery in drone or remote.	Re-pair drone and remote (see Setup section); charge drone battery; replace remote batteries.
Drone flies erratically or drifts.	Not calibrated; damaged rotor blade.	Ensure drone is on a flat surface during pairing; use TRIM buttons to adjust; replace damaged rotor blades.

Problem	Possible Cause	Solution
Short flight time.	Battery not fully charged; old battery.	Ensure battery is fully charged before each use; consider replacing battery if performance degrades significantly over time.
Drone does not drive on land.	Wheels obstructed; low battery.	Check wheels for debris; ensure drone battery is charged.

SPECIFICATIONS

Feature	Detail
Brand	Sharper Image
Model Name	Sharper Imager
Item Model Number	087-05-0197
UPC	843479124675
Product Dimensions	19"L x 4"W x 14"H
Item Weight	16 ounces (1 pound)
Color	White
Material	Plastic
Connectivity Technology	USB (for charging)
Remote Control Technology	Radio Frequency (RF)
Battery Capacity	800 Milliamp Hours (Lithium)
Maximum Range	250 Feet
Maximum Altitude	215 Feet
Skill Level	Beginner

WARRANTY AND SUPPORT

This Certified Refurbished product includes a **90-day limited hardware warranty** from the manufacturer. For warranty claims or technical support, please contact Sharper Image customer service. For further assistance, please visit the official Sharper Image website or contact their customer support line. Keep your purchase receipt as proof of purchase for warranty purposes.

Online Support: www.sharperimage.com/contact