

## JJRC H36

# JJRC H36 Mini RC Quadcopter Drone User Manual

Model: H36

## 1. INTRODUCTION

The JJRC H36 is a compact and agile mini RC quadcopter drone designed for both indoor and outdoor flight. Featuring a 6-axis gyro for stable flight, 2.4GHz control for anti-interference, and functions like 3D-flips and headless mode, it offers an engaging flying experience. This manual provides essential information for the safe and effective operation of your H36 drone.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- Sci-fi design with fine workmanship.
- LED lights for night flight visibility.
- 2.4GHz technology for anti-interference control.
- 360° propeller protectors for enhanced safety.
- High/low speed switch for varied flight conditions.
- 3D-flip function for acrobatic maneuvers.
- Headless mode for simplified orientation control.
- One-key return function for easy recall.
- Newest 6-Axis Gyro control system for stable flight.

### 2.2 Package Contents

- 1 x JJRC H36 Quadcopter
- 1 x 2.4G Transmitter (Mode 2)
- 2 x 3.7V 150mAh Li-Po Battery
- 1 x USB Charging Cable
- 4 x Spare Propellers
- 1 x English Manual



Image 1: The JJRC H36 drone, two 150mAh Li-Po batteries, and the 2.4G remote controller.



Image 2: A close-up view of the JJRC H36 drone, highlighting its compact design and propeller protectors.

### 3. SAFETY INFORMATION

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### 3.1 General Warnings

- This RC model is not a toy and is not suitable for children under 14 years old. Keep it away from children.
- Carefully read the instruction manual before any use. If you are a beginner, it is advisable to be assisted by an experienced adult.
- This RC drone is equipped with coreless DC motors; continuous use with different batteries is not suggested to prevent motor damage.

### 3.2 Battery Cautions

- Do not over-charge or over-discharge batteries.
- Do not place batteries near high-temperature conditions.
- Do not throw batteries into fire.
- Do not throw batteries into water.
- The USB charger is only for DC computer USB ports; never use it with AC circuits.
- Always remember never to over-charge the battery.

## 4. SETUP

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### 4.1 Charging the Drone Battery

1. Connect the drone battery to the provided USB charging cable.
2. Plug the USB charging cable into a computer's USB port.
3. Charging time is approximately 50 minutes. Do not overcharge.

### 4.2 Installing Drone Battery

1. Ensure the drone is powered off.
2. Carefully insert the charged 3.7V 150mAh Li-Po battery into the drone's battery compartment.
3. Secure the battery compartment cover.

### 4.3 Installing Transmitter Batteries

1. Open the battery compartment on the back of the 2.4G transmitter.
2. Insert two AA batteries (not included), ensuring correct polarity.
3. Close the battery compartment cover.



Image 3: A close-up view of the JJRC H36 remote controller, showing its controls and power switch.

#### 4.4 Binding the Drone with Transmitter

1. Ensure the drone battery is fully charged.
2. Place the drone on a flat, level surface.
3. Power on the drone.
4. Within 2 seconds, power on the transmitter.
5. The drone's lights will stop flashing and become solid, indicating a successful binding.

### 5. OPERATING INSTRUCTIONS

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#### 5.1 Basic Flight Controls

The 2.4G transmitter (Mode 2) controls the drone's movement:

- **Left Stick (Throttle/Yaw):**
  - Up/Down: Increase/Decrease altitude.
  - Left/Right: Rotate drone left/right (yaw).
- **Right Stick (Pitch/Roll):**
  - Up/Down: Move drone forward/backward (pitch).
  - Left/Right: Move drone left/right (sideward flight/roll).

#### 5.2 Special Functions

- **High/Low Speed Switch:** Press the designated button on the transmitter to toggle between high and low-speed modes, suitable for different flying environments and skill levels.
- **3D-Flip Function:** To perform a 3D-flip, fly the drone to a sufficient height, then press the 3D-flip button and push the right stick in the desired flip direction (forward, backward, left, or right).
- **Headless Mode:** Activate headless mode by pressing the dedicated button. In this mode, the drone's orientation is relative to the pilot, regardless of the drone's actual front direction. Press again to exit.

- **One-Key Return:** Press the one-key return button, and the drone will attempt to fly back towards its take-off point. This function is an aid and not a precise landing system.

## 6. MAINTENANCE

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- **Propeller Inspection:** Regularly check propellers for any damage (bends, cracks). Replace damaged propellers with spare ones provided in the package. Ensure propellers are installed correctly.
- **Cleaning:** Use a soft, dry cloth to clean the drone and transmitter. Avoid using water or solvents.
- **Storage:** When not in use, store the drone and transmitter in a cool, dry place, away from direct sunlight. Remove batteries from the transmitter if storing for extended periods.

## 7. TROUBLESHOOTING (FAQ)

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- **The aircraft fails to connect with the transmitter.**  
First, ensure the battery is fully charged. Then, power on the drone and the transmitter within 2 seconds of each other.
- **One or more motors do not work.**  
Ensure the drone was placed on a flat surface during the binding process. If the issue persists, the motor may be damaged and require replacement.
- **Accessories are missing from the package.**  
Carefully check the gift box package inside and outside. If items are still missing, contact customer service.
- **The aircraft is out of balance (cannot fly, deviates, spins on the ground).**  
Check that the propellers are installed in the correct way and are not damaged. Ensure the drone was calibrated on a flat surface during binding.
- **During charging, the battery and charging cable melt.**  
The USB charger is only designed for DC computer USB ports. Never use it with AC circuits. Always ensure not to over-charge the battery.

## 8. SPECIFICATIONS

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Brand Name	JJRC
Item Name	H36
Controller	2.4GHz Mode 2
Channels	4 Channels
Gyroscope	6-Axis
Control Distance	About 30m
Quadcopter Battery	3.7V 150mAh 30C Li-Po battery
Battery Weight	4.7g
Battery Dimension	23 * 15 * 7mm
Charging Time	About 50 minutes
Working Time	About 5 minutes

Remote Controller Battery	2 * AA battery (not included)
Item Dimension	85 * 85 * 30mm / 3.3 * 3.3 * 1.2in
Item Weight	16.6g

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer's policy or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.



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### Related Documents - H36

	<p><a href="#">JJRC H36 Mini Drone User Manual: Setup, Flying, and Troubleshooting Guide</a></p> <p>Comprehensive user manual for the JJRC H36 mini drone. Learn how to set up, pair, fly, perform flips and rolls, troubleshoot common issues, and charge safely. Includes detailed instructions and diagrams.</p>
	<p><a href="#">JJRC H36 Mini Drone User Manual</a></p> <p>Comprehensive user manual for the JJRC H36 mini drone, detailing package contents, parts identification, controller functions, flight operations, safety guidelines, and troubleshooting.</p>
	<p><a href="#">JJRC H106 Folding Drone with Obstacle Avoidance: Operating Manual</a></p> <p>Comprehensive operating manual for the JJRC H106 folding drone, featuring obstacle avoidance. Includes setup, installation, operation, and troubleshooting guides.</p>
	<p><a href="#">JJRC V168MAX Drone User Manual - Features, Operation, and Safety</a></p> <p>Comprehensive user manual for the JJRC V168MAX FPV Drone, detailing its 8K HD camera, GPS, obstacle avoidance, and brushless motor features. Learn how to operate and maintain your drone safely.</p>

