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## 4DRC 4DRC-4DV17

# 4DRC V17 Remote Control Plane User Manual

Model: 4DRC-4DV17

Your comprehensive guide to operating and maintaining your 4DRC V17 RC Plane.

## 1. PRODUCT OVERVIEW

The 4DRC V17 Remote Control Plane is an advanced RC aircraft designed for an engaging flight experience. Its durable foam construction ensures resilience, while the 2.4Ghz control system provides stable and responsive operation. This model is suitable for users aged 8 years and up, offering features that cater to both beginners and more experienced pilots.



Image: The 4DRC V17 RC Plane, showcasing its sleek design with integrated propellers and the accompanying remote control unit. Two battery packs are also visible.

## Key Features:

- **Excellent Design:** No assembly required. Features a 6-axis gyro for stable flight and one-key takeoff/landing for ease of use.
- **Multiple Flying Stunts:** Capable of gravity sensing, air circles, air rolls, and 360-degree flips, replicating real fighter jet maneuvers.
- **Thrilling Control:** Enjoy precise control with responsive handling. Equipped with bright LED lights for enhanced visibility and cool flight shows.
- **Safe and Durable:** Built-in propellers within the fuselage enhance safety by protecting users from rotating blades. Constructed from high-quality, soft EPP foam, providing resistance to collisions and drops.
- **Dual Battery System:** Includes two rechargeable batteries for extended flight time.

Image: A visual representation of the 4DRC V17 RC Plane in flight, with icons illustrating its key features: Altitude Hold, 3D Flips, LED lights, Headless Mode, and One Key Take Off/Landing. A child and adult are shown interacting with the plane.

## 2. SAFETY INFORMATION

To ensure safe operation and prevent damage, please read and adhere to the following safety guidelines:

- **Flight Environment:** Always operate the RC plane in open, unobstructed areas, away from people, animals, buildings, and power lines. Avoid flying in strong winds or adverse weather conditions.
- **Age Recommendation:** This product is recommended for users aged 8 years and up. Adult supervision is advised for younger operators.
- **Propeller Safety:** Although the propellers are built into the fuselage for protection, keep fingers, hair, and loose clothing away from rotating parts during operation.
- **Battery Handling:**
  - Use only the provided charging cable and batteries.
  - Do not overcharge or short-circuit batteries.
  - Do not expose batteries to extreme temperatures or direct sunlight.
  - If batteries become hot, swollen, or show signs of damage, discontinue use immediately.
- **Water Exposure:** The RC plane is not waterproof. Avoid contact with water or moisture to prevent damage to electronic components.
- **Pre-Flight Check:** Before each flight, ensure the plane and remote control are fully charged, propellers are intact, and all connections are secure.



Image: A banner emphasizing the "Easy & Safe to Fly" aspects of the 4DRC V17 RC Plane, featuring Altitude Hold, Headless Mode, and Propeller Protection, with a scenic outdoor background.

### 3. PACKAGE CONTENTS

Upon unboxing your 4DRC V17 Remote Control Plane, please verify that all the following components are included:

- 1 x 4DRC V17 RC Plane
- 1 x Remote Control
- 2 x Rechargeable Batteries
- 1 x USB Charging Cable
- 4 x Spare Propellers
- 1 x User Manual (this document)

### 4. SETUP GUIDE

#### 4.1. Battery Installation and Charging

## 1. Aircraft Battery:

- Locate the battery compartment on the underside of the 4DRC V17 plane.
- Insert one of the provided rechargeable batteries into the compartment, ensuring correct polarity.
- Connect the battery cable to the aircraft's power port.
- To charge, disconnect the battery from the plane and connect it to the USB charging cable. Plug the USB cable into a standard USB power adapter (not included). The charging indicator will show charging status (refer to charger for specific light patterns).
- A full charge typically takes approximately 60-90 minutes. Do not leave batteries charging unattended.

## 2. Remote Control Batteries:

- Open the battery cover on the back of the remote control.
- Insert 3 x AAA batteries (not included) according to the polarity markings.
- Close the battery cover securely.



**DOUBLE FLIGHT TIME**



Image: The 4DRC V17 RC Plane with an illustration of two battery packs, indicating a total flight time of 20 minutes, highlighting the extended play provided by the dual battery system.

## 4.2. Pairing the Remote Control with the Aircraft

1. Ensure the aircraft battery is fully charged and installed.
2. Place the aircraft on a flat, level surface.
3. Turn on the aircraft's power switch. The indicator lights on the plane will begin to flash.
4. Turn on the remote control.
5. Push the left joystick (throttle) all the way up, then pull it all the way down. You will hear a beep, and the indicator lights on the aircraft will stop flashing and become solid, indicating successful pairing.
6. Your 4DRC V17 is now ready for flight.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Basic Flight Controls

Familiarize yourself with the remote control layout and functions:

- **Left Joystick (Throttle):**
  - Push up: Increase altitude / Take off
  - Pull down: Decrease altitude / Land
- **Right Joystick (Directional):**
  - Push up/down: Fly forward/backward
  - Push left/right: Fly left/right (sideways)
- **Trim Buttons:** Used to fine-tune the aircraft's stability if it drifts in any direction. Adjust small increments until stable.

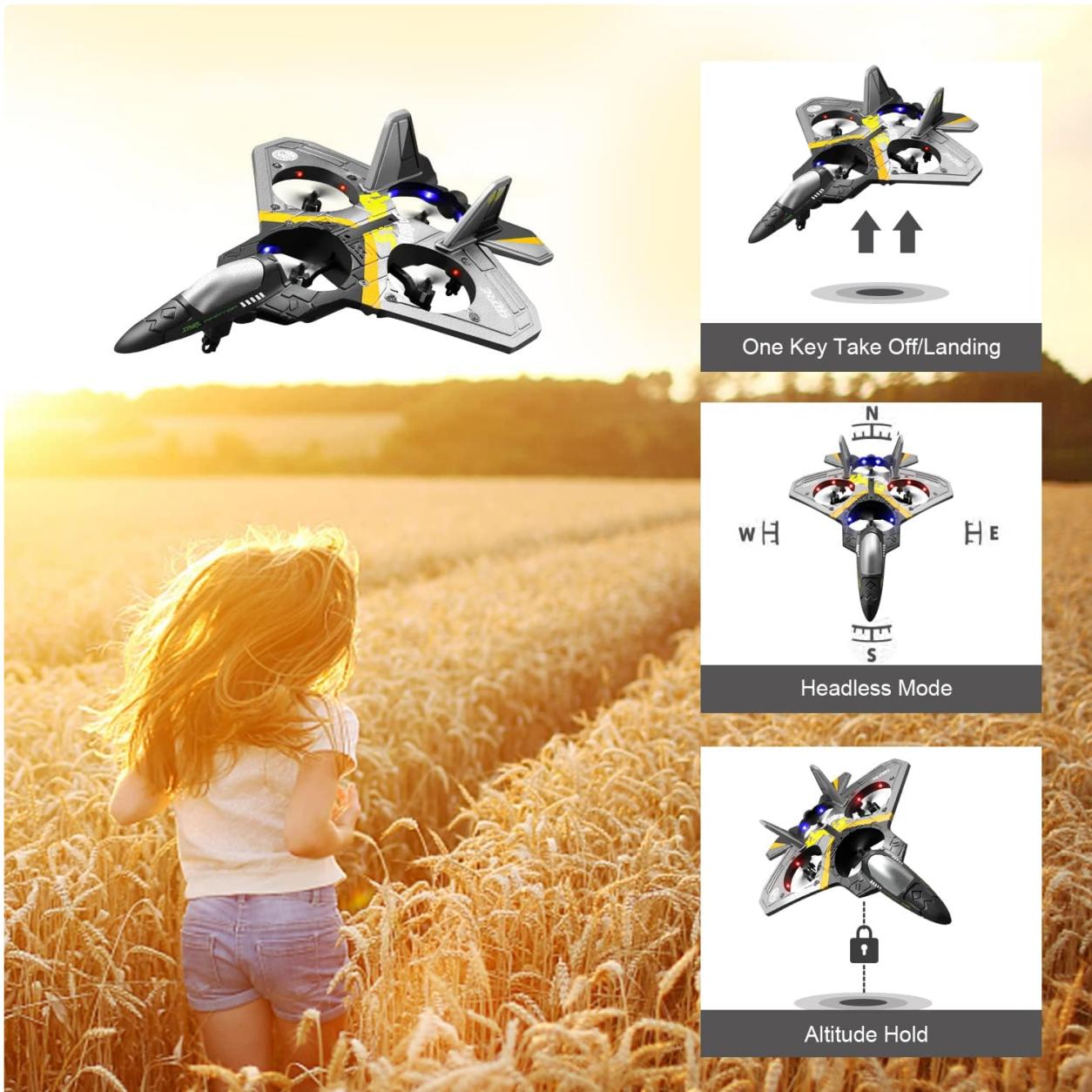


Image: The 4DRC V17 RC Plane illustrating three key flight modes: One Key Take Off/Landing, Headless Mode (showing directional independence), and Altitude Hold (maintaining a stable height).

## 5.2. Advanced Flight Functions

- **One Key Take Off/Landing:** Press the designated button on the remote control to initiate an automatic takeoff or landing sequence. This simplifies operation for beginners.
- **Headless Mode:** In Headless Mode, the aircraft's orientation is relative to the pilot, regardless of the plane's actual front direction. This makes it easier to control without worrying about the plane's heading. Activate by pressing the Headless Mode button.
- **Altitude Hold:** This feature allows the aircraft to maintain a stable altitude automatically, freeing the pilot to focus on directional control.
- **360-Degree Flips:** To perform a flip, fly the plane to a sufficient height, then press the 3D Flip button and simultaneously push the right joystick in the desired flip direction (forward, backward, left, or right).
- **Speed Modes:** The 4DRC V17 offers multiple speed settings (e.g., 30%, 60%, 100%) to accommodate different skill levels and flying environments. Press the speed button to cycle through the modes.
- **Gravity Sensing (Accelerometer):** The remote control features a gravity sensing function, allowing for intuitive control by tilting the remote.
- **Cool Lights:** The integrated LED lights can be turned on or off via a button on the remote, enhancing

visibility and adding visual flair during flights, especially in low-light conditions.

- **One Key Circling:** Press the designated button to make the aircraft perform a circular flight path automatically.



Image: The 4DRC V17 RC Plane in flight, illustrating the availability of three distinct speed modes (30%, 60%, 100%) for varied flight experiences.

# 3D Flips



Image: The 4DRC V17 RC Plane executing a 3D flip maneuver, demonstrating its acrobatic capabilities.

## 6. MAINTENANCE

Regular maintenance will help prolong the life and performance of your 4DRC V17 RC Plane:

- **Cleaning:** Use a soft, dry cloth to wipe down the foam body of the aircraft after each flight to remove dust or debris. Avoid using harsh chemicals or solvents.
- **Propeller Inspection:** Periodically check the propellers for any signs of damage, cracks, or bends. Replace any damaged propellers immediately using the provided spare parts.
- **Battery Care:**
  - Always fully charge batteries before use.
  - Do not completely drain batteries; stop flying when performance noticeably decreases.
  - Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
  - If storing for extended periods, charge batteries to about 50% capacity.
- **Storage:** Store the aircraft and remote control in a safe, dry place when not in use, away from direct sunlight and extreme temperatures. Keep out of reach of small children and pets.

## 7. TROUBLESHOOTING

If you encounter issues with your 4DRC V17 RC Plane, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Aircraft does not respond to remote control.	Not paired; low battery in aircraft or remote; out of range.	Re-pair the aircraft and remote. Charge/replace batteries. Ensure you are within operating range.
Aircraft flies erratically or drifts.	Needs calibration; damaged propeller; strong wind.	Perform a calibration (refer to remote control instructions for specific steps). Check and replace damaged propellers. Fly in calm conditions.
Short flight time.	Battery not fully charged; old battery.	Ensure battery is fully charged before flight. Consider replacing old batteries if performance degrades significantly.
Aircraft does not take off.	Low battery; propellers obstructed; throttle not pushed up.	Charge aircraft battery. Clear any obstructions from propellers. Ensure throttle is pushed fully up.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	4DRC-4DV17
Dimensions	17.78 x 12.7 x 20.32 cm
Weight	330 g
Material	Foam (EPP)
Control Frequency	2.4Ghz
Batteries Required	Yes (Aircraft: Rechargeable, Remote: 3 x AAA)
Batteries Included	Yes (2 x Aircraft Batteries)
Assembly Required	No
Recommended Age	8 years and up

## 9. WARRANTY AND SUPPORT

For information regarding warranty coverage, returns, or technical support for your 4DRC V17 Remote Control Plane, please refer to the following:

- **Warranty:** Please consult the retailer or the official 4DRC website for specific warranty terms and conditions applicable to your purchase. Keep your proof of purchase for warranty claims.
- **Customer Support:** For any operational questions, troubleshooting assistance, or spare parts inquiries,

please contact 4DRC customer service through their official channels. Contact information can typically be found on the product packaging or the manufacturer's website.

- **Online Resources:** Visit the 4DRC official website for potential FAQs, video tutorials, and updated product information.

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Product specifications are subject to change without notice.

## Related Documents - 4DRC-4DV17



### [4DRC 4D-V2 Mini Drone Instruction Manual](#)

Comprehensive instruction manual for the 4DRC 4D-V2 Mini Drone, covering setup, operation, safety precautions, and troubleshooting.



### [4DRC 4D-F9 Quadcopter Operating Instructions and User Manual](#)

Comprehensive operating instructions and user manual for the 4DRC 4D-F9 Quadcopter, covering setup, flight controls, app usage, safety precautions, and troubleshooting.