

## 4DRC 4DRC-V17-YS

# 4DRC V17 RC Fighter Jet Instruction Manual

Model: 4DRC-V17-YS

Brand: 4DRC

## INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your 4DRC V17 RC Fighter Jet. This remote control airplane is designed for both kids and adults, featuring 360° flips, gravity sensing, stunt rolls, and colorful LED lights for an engaging flight experience. Please read this manual thoroughly before operating the aircraft to ensure proper use and to maximize your enjoyment.

## SAFETY INFORMATION

- Always operate the aircraft in open, clear areas, away from people, animals, buildings, and power lines.
- Do not fly in strong winds or adverse weather conditions.
- Keep fingers, hair, and loose clothing away from propellers when the aircraft is powered on.
- Ensure the battery is fully charged before each flight.
- Supervise children during operation. Recommended age: 8 - 17 years.
- Do not attempt to modify or disassemble the aircraft or its components.
- Use only original or manufacturer-approved replacement parts.
- Store the aircraft and batteries in a cool, dry place, away from direct sunlight and heat sources.

## PACKAGE CONTENTS

- 4DRC V17 RC Fighter Jet
- Remote Control
- 3.7V Lithium Batteries (Quantity may vary, typically 2 included for extended playtime)

- USB Charging Cable
- Spare Propellers
- User Manual (This document)



*Image: The 4DRC V17 RC Fighter Jet, its remote control, two modular batteries, and a USB charging cable, laid out as they appear in the package.*

## SETUP

### 1. Charging the Aircraft Battery

1. Connect the 3.7V lithium battery to the USB charging cable.
2. Plug the USB charging cable into a USB power adapter (e.g., computer USB port, phone charger).
3. The indicator light on the USB cable will show charging status (refer to charger for specific light behavior).
4. Charging typically takes approximately 60-90 minutes. Do not overcharge.
5. Once fully charged, disconnect the battery from the charger.



Image: The aircraft's modular battery system, which provides up to 40 minutes of flight time with two batteries, and a low battery alert feature.

## 2. Installing Batteries in the Remote Control

1. Open the battery compartment on the back of the remote control.
2. Insert 2 C batteries (included) into the compartment, ensuring correct polarity (+/-).
3. Close the battery compartment securely.

## 3. Installing Aircraft Battery

1. Locate the battery slot on the underside of the aircraft.
2. Carefully insert the charged 3.7V lithium battery into the slot until it clicks into place.





Image: The aircraft's module battery compartment, highlighting the strong battery power supply and altitude holding system.

## OPERATING INSTRUCTIONS

### 1. Power On and Pairing

1. Place the aircraft on a flat, level surface.
2. Turn on the aircraft's power switch. The LED lights will begin to flash.
3. Turn on the remote control.
4. Move the left joystick (throttle) all the way up, then all the way down. The remote will beep, and the aircraft's LED lights will become solid, indicating successful pairing.

### 2. Basic Flight Controls

- **One Key Take-off/Landing:** Press the dedicated button on the remote for automatic take-off or landing.
- **Throttle (Left Joystick):** Push up to ascend, pull down to descend.

- **Directional Control (Right Joystick):**
  - Push up: Fly forward
  - Pull down: Fly backward
  - Push left/right: Fly left/right (sideways)
- **Yaw (Left Joystick Left/Right):** Push left/right to rotate the aircraft left/right.



Image: Key features for easy flight, including gravity sensing, headless mode, and one-key take-off/landing.

### 3. Advanced Features

- **360° Flip & Aerial Stunts:** The aircraft can perform various stunts including aerobatic rolls, air rolling, and 360-degree circling. Refer to the remote control diagram for specific button presses for these maneuvers.
- **Gravity Sensing Control:** The remote control features gravity sensing technology, allowing for intuitive control by tilting the remote.
- **Speed Modes:** The aircraft has multiple speed settings (Slow, Medium, Fast) to suit different skill levels and environments. Press the speed button on the remote to cycle through modes.
- **Altitude Hold:** This feature allows the aircraft to maintain a stable altitude, making it easier to control.
- **Colorful LED Light:** Equipped with bright LED lights, the aircraft is visible in low-light conditions and adds



to the visual appeal during flight.



*Image: The aircraft executing a 360-degree circle flight stunt, demonstrating its acrobatic capabilities.*

## **GRAVITY SENSOR**



*Image: The gravity sensor feature of the remote control, allowing for intuitive flight adjustments by tilting the controller.*





*Image: The aircraft illuminated by its colorful LED lights, enhancing visibility and visual appeal during flight, especially in low light.*

#### 4. Official Product Video

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*Video: An official demonstration of the 4DRC V17 RC Aircraft Toy, showcasing its features and flight capabilities, including gravity sensing control, one-key take-off, altitude hold, colorful LED lights, cool rolling stunts, circle fly, and one-key landing.*

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the aircraft after each use. Do not use water or harsh chemicals.
- **Propeller Inspection:** Regularly check propellers for damage (bends, cracks). Replace damaged propellers immediately using the provided spare parts.
- **Battery Care:**
  - Do not overcharge or over-discharge batteries.



- Remove batteries from the aircraft and remote control when not in use for extended periods.
- Store batteries in a cool, dry place.
- **Storage:** Store the aircraft in its original packaging or a protective case to prevent damage.



Image: The complete product set, emphasizing the aircraft's durable EPP foam construction for collision resistance.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Aircraft does not respond to remote.	Not paired, low remote battery, low aircraft battery.	Re-pair the aircraft and remote. Replace remote batteries. Charge aircraft battery.
Aircraft flies erratically or drifts.	Uncalibrated, damaged propellers, strong wind.	Perform calibration (refer to remote diagram). Replace damaged propellers. Fly in calm conditions.

Problem	Possible Cause	Solution
Short flight time.	Battery not fully charged, old battery.	Ensure battery is fully charged. Consider replacing old batteries.
LED lights not working.	Aircraft not powered on, internal wiring issue.	Ensure aircraft is powered on. If issue persists, contact customer support.

### SPECIFICATIONS

- **Model:** 4DRC-V17-YS
- **Product Dimensions:** 11 x 11 x 5 inches
- **Item Weight:** 11.7 ounces
- **Manufacturer:** 4DRC
- **Recommended Age:** 8 - 17 years
- **Batteries:** 2 C batteries required for remote (included), 3.7V lithium battery for aircraft (included).
- **Flight Time:** Approximately 20 minutes per battery (40 minutes with two batteries).
- **Control Range:** Up to 164 feet (50 meters).

### WARRANTY AND SUPPORT

Specific warranty information is not provided in the product details. For any questions, technical support, or warranty claims, please contact the manufacturer, 4DRC, directly through their official website or the retailer where the product was purchased. Please retain your proof of purchase for any warranty-related inquiries.