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4DRC V32

4DRC V32 Foam RC Airplane Instruction Manual

Model: V32

INTRODUCTION

This manual provides essential information for the safe and effective operation of your 4DRC V32 Foam RC Airplane. Please read it thoroughly before first use to ensure proper handling and to maximize your flying experience.



The 4DRC V32 Foam RC Airplane, featuring vibrant LED lights.

Key Features

- **360° Flip & Aerial Stunts:** Capable of aerobatic rolls, 360-degree circling, and fast take-offs. Includes headless mode, one-key takeoff/landing, altitude hold, and three speed options.
- **LED Lighting:** Equipped with bright LED lights for enhanced visibility and an engaging visual experience, especially during low-light conditions.
- **Easy Operation:** No assembly required. Features intuitive controls for one-key takeoff and landing, making it suitable for beginners.
- **Durable Construction:** Made from soft yet sturdy EPP material with four built-in propellers and a protective structure for enhanced safety and resilience against impacts.

1. SETUP

1.1 Unboxing and Component Check

Carefully remove all components from the packaging. Verify that all parts listed in the product packaging are present. The package typically includes the aircraft, remote control, modular batteries, spare propellers, and a USB charger.



The 4DRC V32 RC Airplane and its accessories.

1.2 Battery Installation

The 4DRC V32 remote control requires 2 C batteries (included). The aircraft uses a modular battery (included).

1. Open the battery compartment on the remote control.
2. Insert the 2 C batteries, ensuring correct polarity.
3. Close the battery compartment.
4. Insert the modular battery into the aircraft's designated slot until it clicks into place.

1.3 Charging the Aircraft Battery

Use the provided USB charger to charge the aircraft's modular battery. A full charge typically takes approximately 30 minutes and provides about 7 minutes of flight time. Do not overcharge the battery.

1.4 Pairing the Remote Control with the Aircraft

1. Place the aircraft on a flat, level surface.
2. Turn on the aircraft. The LED lights will flash.
3. Turn on the remote control.
4. Push the left joystick up and then pull it down. The remote control will beep, and the aircraft's LED

lights will become solid, indicating successful pairing.

2. OPERATING INSTRUCTIONS

2.1 Basic Flight Controls

Familiarize yourself with the remote control layout and functions before attempting flight.



The 2.4GHz remote control for the 4DRC V32 RC Airplane.

2.2 Take-off and Landing

The aircraft features one-key take-off and one-touch landing for ease of use.

1. **One-Click Take-off:** Press the designated take-off button on the remote control. The aircraft will automatically ascend to a stable hovering height.
2. **One-Touch Landing:** Press the designated landing button. The aircraft will slowly descend and land automatically.

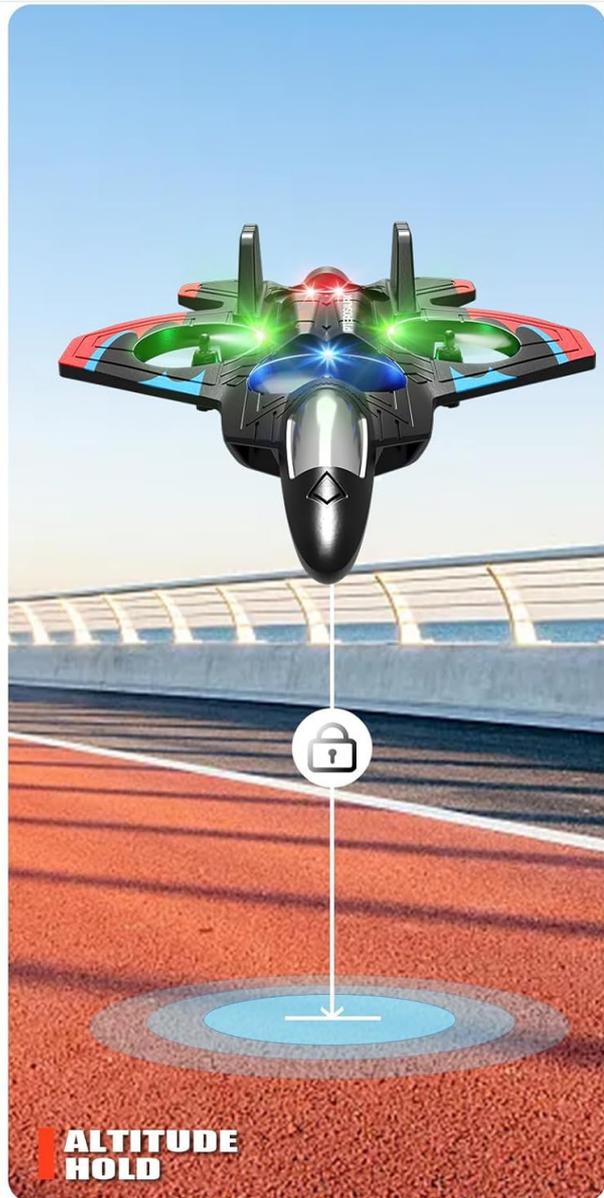
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This video demonstrates one-click take-off, barometric height setting, powerful four-rotor motor, jettisoning mode, one-click rotation, 360° stunt roll, keyboard spin, and one-touch landing.

2.3 Flight Modes and Stunts

The 4DRC V32 offers various flight modes and stunt capabilities:

- **Altitude Hold:** Maintains a stable altitude, making it easier to control.
- **Headless Mode:** The aircraft's orientation is relative to the pilot, simplifying control regardless of the aircraft's front direction.
- **360° Stunt Roll:** Execute impressive aerial flips by pressing the stunt button and moving the right joystick in the desired direction.
- **Keyboard Spin:** Perform rapid rotations using the designated button.
- **Multi-Gear Speed Switch:** Adjust flight speed between low, medium, and high settings to match your skill level and environment.



This image illustrates the aircraft's capabilities including headless mode, stable hovering, and altitude hold.

2.4 Low Battery Alert

The remote control will emit a beeping sound when the aircraft's battery is low or if it goes out of range, indicating it's time to land and recharge.

Low Battery Alert System Indicated



This image shows the low battery alert system in action, with the remote control indicating a low battery.

3. MAINTENANCE

3.1 Cleaning

Use a soft, dry cloth to clean the aircraft and remote control. Avoid using water or chemical cleaners, as these can damage electronic components.

3.2 Storage

Store the aircraft and remote control 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.

3.3 Propeller Care

Regularly check propellers for any signs of damage, such as bends or cracks. Replace any damaged propellers immediately to ensure optimal flight performance and safety.

4. TROUBLESHOOTING

Problem	Solution
Aircraft does not respond to remote control	Ensure both aircraft and remote control are powered on and successfully paired. Check remote control batteries.
Short flight time	Ensure the aircraft battery is fully charged. Battery performance may decrease over time; consider replacing if significantly degraded.
Unstable flight / Drifting	Perform a calibration of the aircraft on a flat surface as per the pairing instructions. Check for any damaged propellers or obstructions.
LED lights not working	Check battery connections. If the problem persists, contact customer support.
Remote control beeps continuously	This indicates a low aircraft battery or an out-of-range signal. Land the aircraft and recharge the battery or bring it closer to the remote control.

5. SPECIFICATIONS

- **Product Dimensions:** 10 x 2 x 8 inches
- **Item Weight:** 9.6 ounces
- **Manufacturer Recommended Age:** 8 years and up
- **Remote Control Batteries:** 2 C batteries (included)
- **Manufacturer:** 4DRC

6. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in your product packaging or visit the official 4DRC website. Keep your purchase receipt for any warranty claims. Do not attempt to repair the product yourself, as this may void the warranty.