4DRC 4D-V32-6

4DRC V32 Foam Remote Control Airplane User Manual

Model: 4D-V32-6

Introduction

Thank you for purchasing the 4DRC V32 Foam Remote Control Airplane. This manual provides essential information for the safe operation, setup, and maintenance of your RC airplane. Please read this manual thoroughly before operating the aircraft to ensure proper function and to prevent damage or injury. Keep this manual for future reference.



The 4DRC V32 Foam Remote Control Airplane, shown in flight with its remote control.

Safety Guidelines

Operating a remote control airplane requires attention to safety. Failure to follow these guidelines may result in injury or damage to the product or property.

- **Age Recommendation:** This product is recommended for users aged 8 years and up. Adult supervision is advised for younger users.
- **Flight Environment:** Fly in open, clear areas away from people, animals, buildings, power lines, and trees. Avoid flying in strong winds, rain, or other adverse weather conditions.
- **Proximity Warning:** Keep the aircraft away from your face, hair, and body during operation. The propellers can cause injury. Do not fly near other individuals.
- **Battery Safety:**
  - Use only the designated 5V 2A power supply and original USB charging cable provided. Incompatible chargers or cables can damage the battery and pose safety hazards.
  - After the aircraft battery is fully discharged, turn off the switch, disconnect the battery, and allow it to rest

for 30 minutes before recharging to prevent damage.
    - Do not short-circuit, decompose, or throw batteries into fire. Avoid placing batteries in high temperature environments.
    - Do not mix different types of lithium batteries.
- **Pre-Flight Check:** Always ensure the aircraft and remote control batteries are fully charged and securely installed before each flight. Inspect the aircraft for any damage.
- **Supervision:** Always maintain visual contact with the aircraft during flight.

Package Contents

Verify that all items are present in the package:

- 4DRC V32 RC Airplane
- Remote Control Transmitter
- 3 x 3.7V 350mAh Rechargeable Aircraft Batteries
- USB Charging Cable
- Spare Propellers (quantity may vary)
- Screwdriver (for battery compartment)



The 4DRC V32 RC Plane shown with its three rechargeable batteries.

Setup

1. Aircraft Battery Installation and Charging

1. Ensure the aircraft's power switch is in the OFF position.
2. Locate the battery compartment on the aircraft.
3. Gently push the battery rightwards to remove it from the compartment, as indicated in the diagram.
4. Connect the aircraft battery to the provided USB charging cable.
5. Connect the USB charging cable to a designated 5V 2A power supply (e.g., a USB wall adapter, not included).
6. The charging indicator light on the USB cable will show the charging status (e.g., red for charging, off or green for fully charged).
7. Charging typically takes approximately 30 minutes per battery. Each battery provides about 15 minutes of flight time.
8. Once fully charged, disconnect the battery from the charger.
9. Insert the charged battery back into the aircraft's battery compartment, ensuring it clicks securely into place.

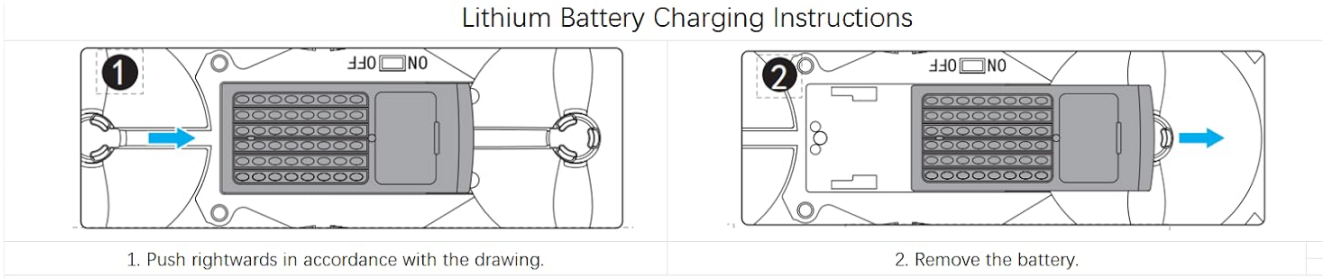


Diagram illustrating the correct method for inserting and removing the aircraft's lithium battery.

2. Remote Control Battery Installation

1. Locate the battery compartment on the back of the remote control.
2. Open the battery cover using a screwdriver if necessary.
3. Insert 2 'C' batteries (included) into the compartment, ensuring correct polarity (+/-).
4. Close the battery cover securely.



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

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 on the aircraft will flash.
3. Turn on the remote control. The remote will emit a beep, and its indicator light will flash.
4. Push the left joystick (throttle) all the way up, then all the way down. The remote will beep again, and the aircraft's LED lights will become solid, indicating successful pairing.

2. Take-off and Landing

- **One-Key Takeoff:** After pairing, press the One-Key Takeoff button (refer to remote diagram if available) to automatically launch the aircraft into the air and hover at a stable altitude.
- **Manual Takeoff:** Gently push the left joystick (throttle) upwards to increase propeller speed and lift off.

- **One-Key Landing:** Press the One-Key Landing button to automatically land the aircraft.
- **Manual Landing:** Slowly pull the left joystick (throttle) downwards to decrease propeller speed and land the aircraft gently.



The 4DRC V32 RC Airplane illustrating Headless Mode and One-Key Takeoff/Landing features.

3. Flight Modes and Features

- **Headless Mode:** Activate Headless Mode to control the aircraft based on the orientation of the remote control, regardless of the aircraft's front direction. This simplifies control for beginners.
- **Altitude Hold:** The aircraft can maintain a stable altitude automatically, allowing for easier control of direction and stunts.
- **360° Flips and Aerial Stunts:** Press the stunt button (refer to remote diagram) and move the right joystick in the desired direction to perform 360-degree flips and other aerobatic rolls.
- **Speed Modes:** The aircraft features three adjustable speed options (e.g., 30%, 60%, 100%). Press the speed button on the remote to cycle through these modes, adapting to different skill levels and flight environments.
- **LED Lights:** The aircraft is equipped with bright LED lights, enhancing visibility and making night flights more engaging.



The 4DRC V32 RC Airplane performing 3D flips.



Illustration of the three speed modes available for the aircraft.



The 4DRC V32 RC Airplane with its colorful LED lights illuminated.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the aircraft and remote control. Avoid using water or chemical cleaners, as they may damage electronic components.
- **Storage:** When not in use, 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.
- **Propeller Care:** Regularly inspect propellers for damage (bends, cracks). Replace any damaged propellers immediately using the provided spare parts to ensure optimal flight performance and safety.
- **Battery Storage:** Store aircraft batteries at approximately 50% charge if not used for a long time to prolong their lifespan.

Troubleshooting

If you encounter issues with your 4DRC V32 RC Airplane, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Aircraft does not respond to remote.	Not paired; low remote/aircraft battery; out of range.	Re-pair the aircraft and remote. Charge batteries. Ensure within operating range.
Aircraft flies erratically or unstable.	Damaged propellers; uneven surface for takeoff; strong wind.	Check and replace damaged propellers. Take off from a flat surface. Fly in calm conditions.
Short flight time.	Battery not fully charged; old battery.	Ensure batteries are fully charged using the correct charger. Consider replacing old batteries.
Low Battery Alert (remote beeping).	Aircraft battery is low.	Land the aircraft immediately and recharge the battery.
Aircraft out of range alert (remote beeping).	Aircraft has flown too far from the remote.	Bring the aircraft closer to the remote control.



The 4DRC V32 RC Airplane indicating a low battery or out-of-range condition with remote control beeping.

Specifications

Feature	Detail
Model Number	4D-V32-6
Product Dimensions	10 x 2 x 7 inches
Item Weight	10.8 ounces
Aircraft Battery	3 x 3.7V 350mAh Rechargeable (included)
Remote Control Battery	2 x C batteries (included)
Flight Time	Approx. 15 minutes per battery (45 minutes total with 3 batteries)
Charging Time	Approx. 30 minutes per battery

Feature	Detail
Recommended Age	8 years and up
Manufacturer	SHANTOU LION KINGDOM TECHNOLOGY CO.,LTD

Warranty Information

Specific warranty details for the 4DRC V32 Foam Remote Control Airplane are not provided in the product information. Please refer to the retailer's return policy or contact the manufacturer directly for warranty inquiries.

Customer Support

For further assistance, technical support, or inquiries regarding replacement parts, please visit the official 4DRC website or contact their customer service department. Contact information may also be available on the product packaging.

Note: Some users have reported difficulty in obtaining direct contact information for 4DRC. If you purchased through a retailer, their customer service may be able to assist or provide manufacturer contact details.

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