

HLSFWDRIVE WPL C24-1

HLSFWDRIVE WPL C24-1 RC Truck User Manual

1/16 Scale 4x4 RC Rock Crawler Off-Road Remote Control Pickup

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the HLSFWDRIVE WPL C24-1 RC Rock Crawler. This manual provides essential information for setting up, operating, and maintaining your 1/16 scale 4x4 remote control truck. Please read this manual thoroughly before use to ensure proper operation and longevity of your product.

The WPL C24-1 is a highly simulated RC truck designed for off-road adventures. It features a realistic structure, exquisite interior details, and LED lights for night driving. Equipped with proportional throttle and steering, a strong metal chassis, and independent suspension, it is built to conquer various terrains.



Figure 1: HLSFWDRIVE WPL C24-1 RC Rock Crawler Truck.

2. WHAT'S IN THE BOX

Your HLSFWDRIVE WPL C24-1 package includes the following items:

- 1x RC Truck (WPL C24-1)
- 1x Remote Control
- 1x 7.4V Lithium-Ion Battery
- 1x USB Charging Cable
- 1x Product Manual
- Additional small components for assembly (e.g., wipers, mirrors, screws, screwdriver)

WPL C24-1 RTR

Independent Suspension
Proportional Throttle Steering
Metal Beams Chassis
1/16 Scale Highly Realistic

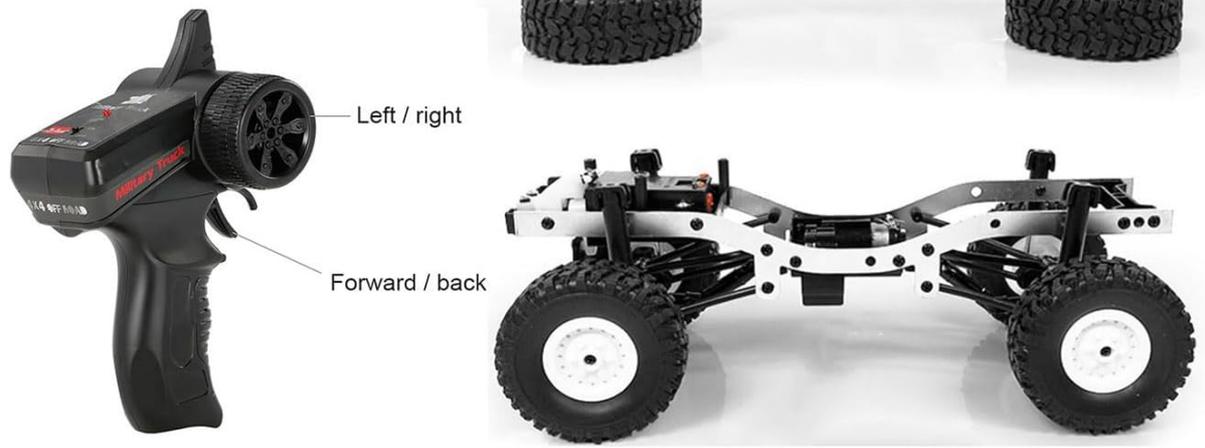


Figure 2: Included components: RC truck, remote control, and charging cable.

3. SETUP

3.1. RC Truck Battery Installation and Charging

1. Locate the battery compartment at the rear of the truck, under the bed cover.
2. Carefully open the bed cover to access the battery.
3. Connect the 7.4V Lithium-Ion battery to the truck's power interface. Ensure correct polarity.
4. To charge the battery, disconnect it from the truck. Connect the battery to the provided USB charging cable. Plug the USB end into a USB adapter (5V/0.5-2A) or computer USB port.
5. The charging time is approximately 4-5 hours. The charging indicator on the USB cable will typically show red during charging and turn off when fully charged.
6. Once charged, reconnect the battery to the truck and secure it within the compartment. Close the bed cover.



Figure 3: Battery compartment located under the truck bed cover.

3.2. Remote Control Battery Installation

1. Locate the battery cover on the backside of the remote control.
2. Use a small screwdriver (provided) to unscrew the battery cover.
3. Insert 2x 1.5V AA alkaline non-rechargeable batteries, ensuring correct polarity (+/-).
4. Replace the battery cover and secure it with the screw.

3.3. Initial Pairing

The RC truck and remote control are pre-paired from the factory. If re-pairing is needed:

1. Ensure both the RC truck and remote control are turned OFF.
2. Turn ON the RC truck.
3. Turn ON the remote control. The power LED on the remote will blink and then become solid, indicating successful pairing.

4. OPERATING INSTRUCTIONS

4.1. Basic Controls

- **Throttle (Trigger Lever):** Pull the trigger lever towards you to move the truck forward. Push the trigger lever away from you to engage reverse.
- **Steering (Steering Wheel):** Rotate the steering wheel left to turn the truck left, and right to turn the truck right.
- **Proportional Control:** The WPL C24-1 features proportional throttle and steering. This means the truck's speed and turning angle respond directly to how much you pull the trigger or turn the wheel, allowing for precise control.
- **Steering Trim (Adjustable Knob):** If the truck does not drive straight when the steering wheel is centered, use the adjustable trim knob on the remote control to fine-tune the steering alignment.

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Video 1: Official demonstration of the WPL C24-1 RC Crawler's features and capabilities, including proportional control and all-terrain performance.

4.2. Driving Tips

- The 2.4 GHz remote control offers high frequency and long control distance, minimizing interference.
- The truck's strong chassis structure and independent suspension allow it to climb at a 45-degree angle and navigate rugged roads, sand, mud, rock, or mountain terrains.
- LED lights enable driving in low-light conditions or at night.



Figure 4: The WPL C24-1 features an all-terrain design, capable of handling diverse environments.

5. MAINTENANCE

5.1. General Care

- Regularly inspect the truck for any damage to wires, plugs, or the shell. Repair any damage promptly.
- Keep the truck clean from dirt, dust, and debris, especially after off-road use.
- Avoid breaking off the antenna of the controller or any sharp parts.

5.2. Battery Care

- Always insert batteries with the correct polarity.
- Do not mix different types of batteries (new and used, or different brands).
- Only use the recommended battery types for the truck and remote control.
- Non-rechargeable batteries should not be charged.
- Rechargeable batteries should only be charged under adult supervision.
- Remove batteries from the toy before charging.
- If the product will not be used for a long time, remove all batteries from both the truck and the remote control to prevent leakage and damage.

6. TROUBLESHOOTING

Problem	Cause	Solution
Unable to control the truck	Battery power is low or no power; Switch is at the OFF position; Improper installation of batteries; Not paired.	Replace the battery and put it in correctly; Switch to ON; Re-pair the truck and remote control.
Truck moves too slowly	Battery power is low.	Charge or replace the battery.
Truck moves not straight	Steering trim is off; Out of control range.	Adjust the steering trim knob on the remote control; Ensure the truck is within the remote control's operating range.

7. SPECIFICATIONS

- **Model:** WPL C24-1
- **Scale:** 1:16
- **Drive System:** 4x4 (Four-Wheel Drive)
- **Control:** 2.4 GHz Proportional Throttle and Steering
- **Material:** Metal, Plastic
- **Power Source:** Battery Powered
- **Truck Battery:** 1x 7.4V Lithium-Ion (included)
- **Remote Control Battery:** 2x 1.5V AA (not included)
- **Charging Time:** Approximately 4-5 hours

- **Dimensions (L x W x H):** 12 x 5.5 x 5.5 inches
- **Recommended Age:** 16 years and up



Figure 5: Key dimensions of the WPL C24-1 RC Truck.

8. SAFETY INFORMATION

- This product contains small parts and is not suitable for children under 3 years due to choking hazard.
- Keep away from open flames.
- Always operate the RC truck in a safe environment, away from people, pets, and obstacles.
- Do not operate in wet conditions unless the product is specifically designed for it.
- Adult supervision is recommended for users under 16 years of age.

9. WARRANTY AND SUPPORT

For any questions or issues regarding your HLSFWDRIVE WPL C24-1 RC Truck, please refer to the contact information provided with your purchase or visit the official HLSFWDRIVE store on Amazon. We are committed to ensuring your satisfaction and will assist in resolving any concerns.

