

DEERC 9310YL

DEERC 1:16 Scale 4WD High-Speed RC Monster Truck User Manual

Model: 9310YL

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the DEERC 1:16 Scale 4WD High-Speed RC Monster Truck. This manual provides essential information for setting up, operating, and maintaining your remote control vehicle. Designed for both beginners and advanced users, this RC truck offers robust performance and durability across various terrains.

The DEERC 9310YL model features a powerful motor, advanced 2.4GHz remote control system, and a durable PA nylon chassis, ensuring an exciting and reliable driving experience. Please read this manual thoroughly before first use to ensure proper operation and to maximize the lifespan of your product.



Figure 1.1: DEERC 9310YL RC Monster Truck with included batteries, remote, and motors.

2. WHAT'S IN THE BOX

Upon opening the package, please verify that all the following components are present and in good condition:

- 1 x DEERC 1:16 Scale 4WD High-Speed RC Monster Truck (Model: 9310YL)
- 1 x 2.4GHz Remote Controller
- 2 x 7.4V/850mAh Lithium-Ion Batteries
- 1 x USB Charging Cable
- 1 x Cleaning Brush
- 1 x Drawstring Storage Pocket
- 1 x User Manual

3. SETUP GUIDE

3.1. Battery Installation (Vehicle)

1. Locate the battery compartment on the underside of the RC truck.

2. Open the battery compartment cover.
3. Connect one of the provided 7.4V/850mAh Li-ion batteries to the vehicle's power connector.
4. Carefully place the battery inside the compartment and close the cover securely.

3.2. Battery Charging

Use the included USB charging cable to charge the vehicle batteries. Connect the USB cable to a standard USB power adapter (not included) and the other end to the battery. The charging indicator will show the charging status (refer to charger's specific light indications). A full charge provides approximately 20 minutes of play time per battery.

3.3. Remote Control Setup

1. Open the battery compartment on the back of the remote controller.
2. Insert 3 x AA batteries (not included) into the compartment, ensuring correct polarity (+/-).
3. Close the battery compartment cover.

3.4. Pairing the Remote Control with the Vehicle

1. Ensure the vehicle battery is installed and the vehicle's power switch is OFF.
2. Turn ON the remote controller. The indicator light on the remote will blink.
3. Turn ON the power switch on the RC truck.
4. The remote controller's indicator light will become solid, indicating successful pairing. You are now ready to operate the vehicle.



Figure 3.1: Precision 2.4GHz Radiocontrol System with labeled controls.

4. OPERATING INSTRUCTIONS

4.1. Basic Controls

- **Throttle Trigger:** Pull the trigger towards you to move the truck forward. Push the trigger away from you to apply brakes or reverse.
- **Steering Wheel:** Rotate the steering wheel left or right to control the direction of the truck.

4.2. Speed and Steering Adjustment

The remote control features proportional throttle and steering for precise control:

- **Speed Switch:** Rotate the speed switch clockwise to increase the maximum driving speed, and

counter-clockwise to decrease it. This is useful for beginners or for driving in confined spaces.

- **Steering Trim:** Use the steering trim dial to fine-tune the steering. If the truck veers left or right when the steering wheel is centered, adjust the trim until it drives straight.



Figure 4.1: The DEERC RC truck demonstrating its high-speed capabilities.

4.3. All-Terrain Driving

Your DEERC RC Monster Truck is engineered for all-terrain performance, thanks to its 4WD system, independent suspension, and damped metal shocks. These features allow the truck to handle various surfaces with ease.

- **Suspension System:** The independent suspension and metal springs absorb impacts from uneven ground, providing stability and control.
- **Durable Chassis:** The PA nylon chassis offers excellent collision resistance, making it suitable for rugged play.
- **Tires:** The large, newly designed tires provide strong grip on diverse surfaces.

Suitable terrains include:

- Mountain Trails
- Sand Beaches

- Muddy Roads
- Grasslands



Figure 4.2: The RC truck is designed to be an all-terrain challenger.



Figure 4.3: The truck's robust design allows for jumps and dynamic maneuvers.

5. MAINTENANCE

5.1. Motor Care

The 380 motor is equipped with a metal heat sink to aid in heat dissipation and extend its lifespan. During extended use, the motor may become warm. To prevent overheating and ensure optimal performance:

- Allow the motor to cool down intermittently after approximately 15 minutes of continuous driving.
- Avoid operating the truck in extremely hot conditions for prolonged periods.



Figure 5.1: The motor features a metal heat sink for improved heat dissipation.

5.2. Cleaning

Regular cleaning will help maintain the performance and appearance of your RC truck. Use the provided cleaning brush to remove dirt, dust, and debris from the chassis, wheels, and suspension components after each use. For stubborn dirt, a damp cloth can be used, but avoid excessive moisture, especially near electronic components.

5.3. Storage

When not in use, store the RC truck and its accessories in a cool, dry place, away from direct sunlight and extreme temperatures. Use the drawstring pocket to keep small accessories organized.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Truck does not turn on.	Battery not charged or improperly connected.	Ensure vehicle battery is fully charged and correctly connected. Check power switch.
No response from remote control.	Remote control batteries low or not installed correctly; pairing failed.	Replace remote control batteries. Re-attempt pairing process (Section 3.4).
Reduced speed or power.	Vehicle battery low; motor overheating.	Recharge vehicle battery. Allow motor to cool down (Section 5.1).
Truck pulls to one side.	Steering trim needs adjustment.	Adjust the steering trim dial on the remote control (Section 4.2).
Unusual noise during operation.	Debris in gears; damaged components.	Inspect for foreign objects and remove. If noise persists, contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	9310YL

Feature	Detail
Scale	1:16
Drive System	4-Wheel Drive (4WD)
Max Speed	40+ km/h (25+ mph)
Motor Type	380 Brushed Motor with Metal Heat Sink
Control Frequency	2.4GHz
Battery (Vehicle)	2 x 7.4V/850mAh Li-ion (included)
Play Time	Approx. 20+ minutes per battery (40+ minutes total)
Chassis Material	PA Nylon
Suspension	Independent Suspension with Damped Metal Shocks
Recommended Age	8 years and up
Item Weight	2.92 pounds
Package Dimensions	11.93 x 9.72 x 6.89 inches



Figure 7.1: Performance metrics of the DEERC RC truck.



Figure 7.2: Detailed view of the tire dimensions.

8. WARRANTY AND SUPPORT

DEERC products are manufactured to high quality standards and are backed by a manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official DEERC website.

If you encounter any issues or have questions regarding your DEERC RC Monster Truck, please contact our customer support team. Our dedicated team is available to assist you with troubleshooting, parts replacement, and general inquiries.

Customer Support Contact:

Website: www.deerc.com (Please check the official website for the most up-to-date contact information)

Email: support@deerc.com (Example email, please refer to product packaging for actual contact)

