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captainrc UCX2405PRO

captainrc UDI RC UCX2405PRO 1/24 RC Crawler Car Instruction Manual

Model: UCX2405PRO | Brand: captainrc

INTRODUCTION

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your captainrc UDI RC UCX2405PRO 1/24 RC Crawler Car. Please read this manual thoroughly before operating the product to ensure proper usage and to prevent damage or injury.



Image: Two UCX2405PRO RC crawler cars demonstrating off-road capability.

SAFETY INFORMATION

This product is recommended for individuals 14 years and up. Adult supervision is advised for younger users. Always operate the RC car in a safe environment, away from people, pets, and obstacles. Do not operate near

water unless specifically designed for it. Ensure batteries are charged correctly and handled with care to prevent hazards.

WHAT'S IN THE BOX

- RC Track RTR (Ready-To-Run)



Image: The complete package including the RC car, remote, batteries, and charger.

FEATURES

- **4WD Brushless Motor & ESC:** Equipped with a powerful 4WD brushless motor and Electronic Speed Controller for superior off-road performance.

- **High Ground Clearance:** Boasts a substantial 27mm ground clearance, enabling it to tackle rugged terrains.
- **Durable Materials:** Constructed with a robust PVC car shell and PA+fiber roll cage for durability.
- **Advanced Steering Servo:** Features a responsive 9G 3-wire servo for precise steering control.
- **Integrated 2.4GHz 4CH Remote Control:** Comes with a 2.4GHz 4CH remote for reliable and responsive control up to 100m.
- **3-Speed Transmission:** Mechanical shift gearbox with low-speed gears for high torque climbing and high-speed gears for faster movement.
- **4-Wheel Steering Modes:** Offers multiple steering modes for enhanced maneuverability.



Image: Brushless motor and durable cage body.

Mechanical shift structure

Low-speed climbing and high-speed speeding

Equipped with low gear, neutral gear and high gear of shift medium gearbox



Image: Demonstrating low-speed climbing and high-speed driving.



Image: Illustration of the four steering modes.

Chassis symmetrical layout

Three-speed mechanical shift gearbox

The gearbox has low-speed gears and high torque to improve the vehicle's climbing ability, high-speed gears gallop on the battlefield, and high-speed ash pulling.

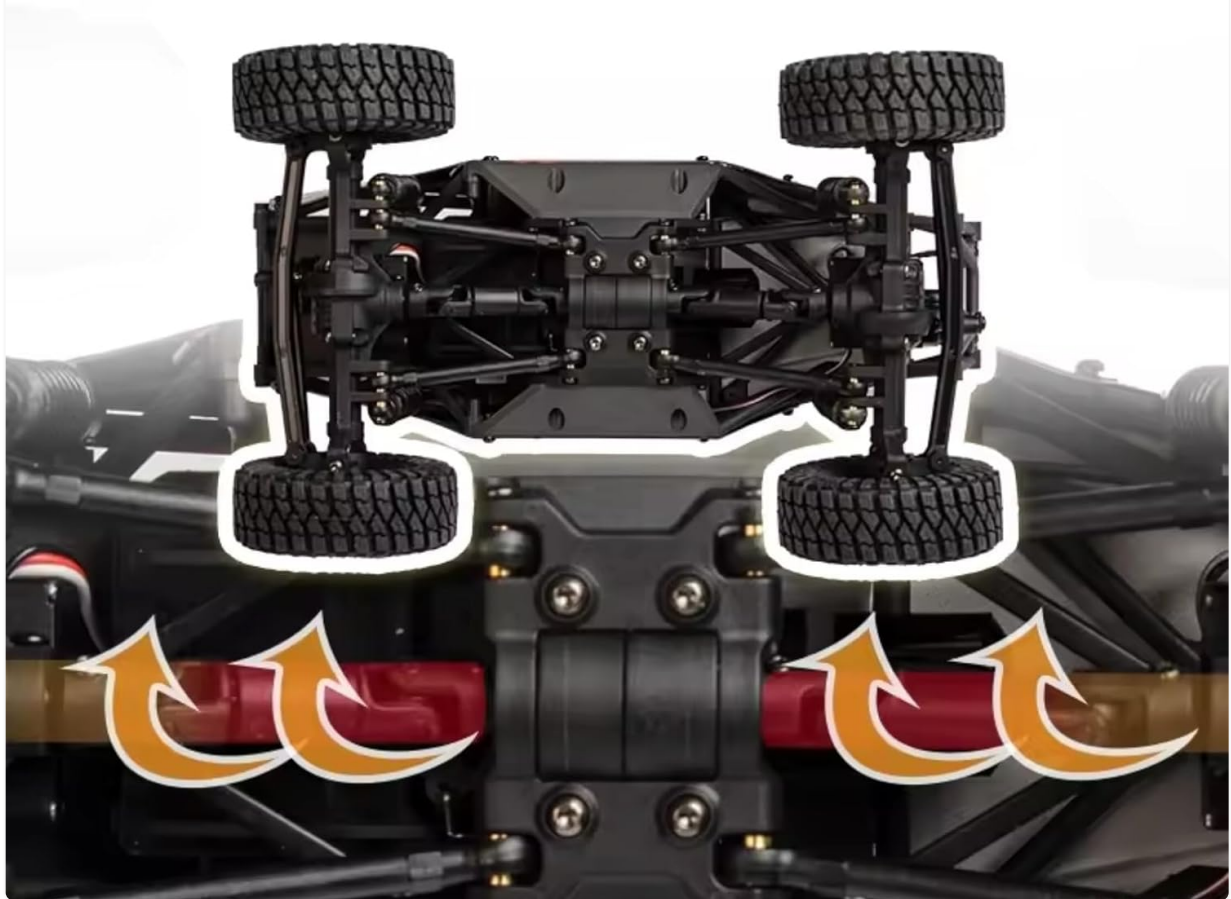


Image: Chassis symmetrical layout with 3-speed gearbox.

SETUP

1. Battery Installation & Charging

The UCX2405PRO uses a 1 AA battery (included) for the remote control and a rechargeable battery for the car. Ensure both are charged before first use. The car's battery is typically accessed by removing the body pins and lifting the body shell.



Image: Rechargeable batteries for the RC car.



Image: The 2.4GHz 4CH remote control.

2. Controller Setup & Binding

Insert the AA battery into the remote control. Turn on the remote and then the RC car. The remote and car should automatically bind. Refer to the remote control's specific instructions for detailed binding procedures if needed.

3. Initial Inspection

Before first use, inspect all components for any visible damage. Ensure all wheels are securely attached and the suspension moves freely. Check that all wires are connected properly.

OPERATING

1. Basic Controls

- **Throttle:** Use the trigger on the remote for forward and reverse movement.
- **Steering:** Use the steering wheel on the remote to turn left and right.

2. Driving Modes & Terrain Handling

The UCX2405PRO features a 3-speed mechanical transmission and 4-wheel steering modes. Experiment with these settings to optimize performance on various terrains. The high ground clearance and durable construction allow for effective climbing and navigation over obstacles.

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Video: Demonstration of the UCX2405PRO RC Rock Crawler's features, including hydraulic shock absorbers, mechanical shift gearbox, and four steering modes.

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Video: A 1/24 2.4G 4WD RC Rock Crawler in action, showcasing its off-road capabilities.

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Video: A short preview of the 1/24 2.4G 4WD RC Rock Crawler UCX2405PRO in motion.

MAINTENANCE

- **Cleaning:** After each use, especially in dusty or dirty conditions, clean the car to remove debris. Use a soft brush or compressed air.
- **Inspection:** Regularly check for loose screws, damaged parts, or worn tires. Replace any damaged components promptly.
- **Lubrication:** Periodically lubricate moving parts as recommended in the full product manual (if available) to ensure smooth operation.
- **Battery Care:** Store batteries in a cool, dry place. Do not overcharge or over-discharge.

TROUBLESHOOTING

- **Car not responding:** Check battery levels in both the car and remote. Ensure proper binding between the remote and car.
- **Poor performance:** Recharge batteries. Inspect wheels and drivetrain for obstructions or damage.
- **Steering issues:** Check the steering servo connection and ensure no debris is obstructing the steering mechanism.

SPECIFICATIONS

Feature	Detail
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Product Dimensions	7.5 x 4.8 x 3.9 inches
Item Weight	1.94 pounds
Item Model Number	UCX2405PRO
Manufacturer Recommended Age	14 years and up
Batteries	1 AA batteries required (included)
Manufacturer	captainrc

WARRANTY & SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or contact captainrc directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.