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### **captainrc V64 RTR**

# **LDARC V64 RTR 1:64 Scale Mini RC Racing Car Instruction Manual**

Model: V64 RTR | Brand: captainrc

## **INTRODUCTION**

This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of your LDARC V64 RTR 1:64 Scale Mini RC Racing Car. Please read this manual thoroughly before first use to ensure optimal performance and longevity of your product.



Image: The LDARC V64 RTR package contents, including the mini RC car, remote control, and an additional interchangeable body shell.

## Safety Information

**Important:** This product is recommended for individuals aged 15 years and up. Adult supervision is advised for younger users within this age range.

- Operate the RC car on clean, prepared surfaces free of debris, animal hair, or human hair to prevent damage to moving parts.
- Keep fingers and loose clothing away from moving wheels and gears during operation.
- Do not operate near water or in wet conditions.
- Store the product in a cool, dry place when not in use.
- Use only the provided charging cable and power sources as specified.

## What's in the Box

- LDARC V64 RTR RC Car (1:64 Scale)
- Remote Control Transmitter (CT01 or similar, included randomly)

- Interchangeable Body Case (Blue, as per product variant)
- USB Type-C Charging Cable
- 1 Lithium Polymer Battery (pre-installed or included separately)

## COMPONENTS OVERVIEW

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### LDARC V64 RTR RC Car

The LDARC V64 RTR is a highly detailed 1:64 scale mini RC racing car featuring analog light design and an interchangeable body. It is designed for precise control and high-speed performance.



Image: A close-up view of the LDARC V64 RTR RC car, held in a hand, highlighting its compact size and detailed design, including the surfboards on the roof.

### CT01 Remote Control Transmitter

The CT01 remote control transmitter provides precise control over the RC car. It features an 8-channel system, real-time signal strength monitoring, real-time voltage display, and a low voltage alarm.

# RTR with CT01 remote control

Support 5 sets of model data, 8 channels, two-way return, 128\*64 dot matrix screen, USB charging, 1 8650 battery included



Image: A detailed diagram of the CT01 remote control, indicating various controls such as throttle trim, direction fine-tuning, speed settings, steering angle, lights on/off, charging indicator, USB-C port, switch, steering wheel, throttle, high/low beams, and double flash on/off.

## SETUP

### 1. Charging the RC Car Battery

1. Locate the Type-C charging port on the underside of the RC car.
2. Connect the provided USB Type-C charging cable to the car's port and to a suitable USB power source (e.g., computer, USB wall adapter).
3. The charging indicator on the car will show its status (refer to car's specific LED behavior for full/charging indication).
4. Allow sufficient time for a full charge before first use.





Image: The underside of the LDARC V64 RTR RC car, illustrating the USB-C charging port with a charging cable inserted.

## 2. Charging the Remote Control Battery

The remote control also uses a Type-C charging port. Connect it using the same method as the car. The remote control's screen will display real-time voltage and a low voltage alarm will activate when necessary.

## 3. Powering On and Pairing

1. Ensure both the RC car and the remote control are fully charged.
2. Turn on the RC car using its power switch.
3. Turn on the remote control using its power switch.
4. The remote control and car should automatically pair. If pairing fails, refer to the remote control's specific instructions for manual binding procedures (usually involves holding a button on both devices during power-on).

# OPERATING INSTRUCTIONS

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## Basic Controls

- **Throttle:** Use the trigger on the remote control to move the car forward (pull) and backward (push).
- **Steering:** Rotate the steering wheel on the remote control to turn the car left or right.

## Advanced Functions (CT01 Remote Control)

- **Speed Adjustment:** Use the speed switch (slow, middle, quick) to adjust the car's maximum speed.
- **Steering Angle Adjustment:** Use the steering angle switch (small, middle, big) to modify the car's turning radius.
- **Throttle Trim:** Fine-tune the throttle for neutral position.
- **Direction Fine-tuning:** Adjust steering for straight tracking.

## Lighting System

The V64 RTR features an analog light design with various functions:

- **High/Low Beams:** Control headlights.
- **Turn Signal Lights:** Indicate turns.
- **Brake/Reverse Lights:** Activate with braking or reversing.
- **Dual Flashing Lights:** Hazard lights.
- **Ambient Lights:** 4 additional ambient lights with 13 switchable colors.

Refer to the remote control diagram for specific button assignments for light functions.

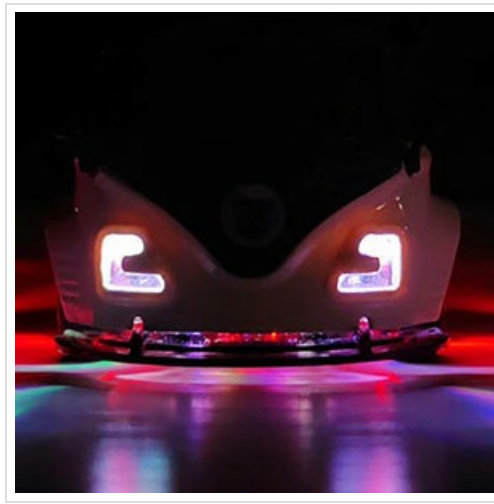


Image: The front view of the LDARC V64 RTR RC car with its headlights and underglow RGB lights illuminated, showcasing the analog light design.

## Interchangeable Body Case

The RC car comes with a DIY interchangeable body case, allowing for customization. To change the body:

1. Carefully remove the current body shell from the chassis.
2. Align the new body shell with the chassis and secure it in place.



Image: An unpainted, grey interchangeable body shell for the LDARC V64 RTR RC car, demonstrating its DIY customization potential with a graphic being applied.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the car and remote control. Avoid water or harsh chemicals.
- **Battery Care:** Do not overcharge or completely discharge the battery. Store batteries at approximately 50% charge if not used for extended periods.
- **Storage:** Store the RC car and remote control in a cool, dry environment, away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect wheels, gears, and body for any damage or loose parts.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Car does not respond to remote.	Low battery in car or remote; not paired; power switch off.	Charge batteries; ensure both devices are powered on; re-pair if necessary.
Car moves erratically or not straight.	Steering trim needs adjustment; debris in steering mechanism.	Adjust direction fine-tuning on remote; clean steering components.
Lights flashing rapidly, car immobile.	Battery low voltage status alarm.	Recharge the car's battery immediately.
Remote control buttons unresponsive.	Temporary glitch; low battery.	Recharge remote; power cycle remote; perform factory reset if issue persists (refer to remote's specific manual).

## SPECIFICATIONS

**Model:** V64 RTR

**Scale:** 1:64

**Product Dimensions:** 8.3 x 7.9 x 3.9 inches

**Item Weight:** 1.83 pounds

**Manufacturer:** captainrc

**Recommended Age:** 15 years and up

**Battery:** 1 Lithium Polymer battery (included)

**Remote Control:** 2.4Ghz, 8-channel CT01 transmitter

**Lighting:** Analog light design (high/low beams, turn signals, brake/reverse, dual flashing), 4 ambient RGB lights (13 colors)

**Charging:** Type-C charging port for both car and remote

## WARRANTY AND SUPPORT

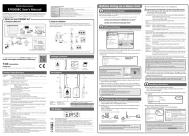
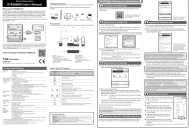
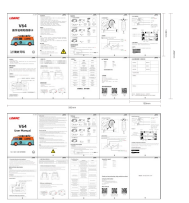

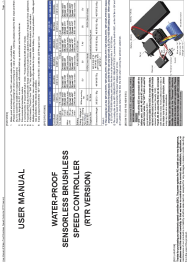
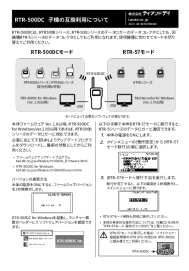
This product is covered by a standard manufacturer's warranty. For specific warranty details, claims, or technical support, please contact captainrc customer service through their official channels or the retailer where the product was purchased. Keep your proof of purchase for warranty validation.

For additional information or to explore other products, visit the [captainrc Store](#).

## OFFICIAL PRODUCT VIDEOS

No official product videos from the seller are currently available for embedding in this manual.

## Related Documents - V64 RTR

	<p><a href="#">RTR500BC Wireless Base Station User Manual   T&amp;D Corporation</a></p> <p>Comprehensive user manual for the T&amp;D RTR500BC Wireless Base Station and Repeater, covering installation, software setup, remote unit registration, and wireless route configuration.</p>
	<p><a href="#">T&amp;D RTR500BW Network Base Station User's Manual</a></p> <p>User's manual for the T&amp;D RTR500BW Network Base Station, detailing setup, configuration via smartphone and PC, data monitoring, and software usage for wireless data logging.</p>
	<p><a href="#">LDARC V64 1:64 Scale RC Van User Manual</a></p> <p>Comprehensive user manual for the LDARC V64 1:64 scale remote control van, covering operation, maintenance, troubleshooting, safety guidelines, and FCC compliance.</p>
	<p><a href="#">Benutzerhandbuch: Wasserfester Brushless ESC (RTR-Version) - Funktionen, Daten &amp; Programmierung</a></p> <p>Umfassende Anleitung für den wasserfesten Brushless ESC (RTR-Version). Erfahren Sie mehr über Funktionen, technische Daten, Erstinstallation, Kalibrierung und Programmierung dieser leistungsstarken Regler für RC-Fahrzeuge.</p>
	<p><a href="#">Water-Proof Brushless Speed Controller (RTR Version) User Manual</a></p> <p>User manual for the Water-Proof Brushless Speed Controller (RTR Version) ESC. Covers features, specifications, setup, programming, calibration, troubleshooting, and optional accessories for RC cars and trucks.</p>
	<p><a href="#">RTR-500DC Compatibility and Usage Guide</a></p> <p>This document outlines the compatibility and usage of the TandD RTR-500DC with previous generations of TandD data loggers, including the RTR500B, RTR-500, and RTR-5 series. Users can switch the operating mode of the RTR-500DC to ensure compatibility with their specific data logger models.</p>