

BBLD 9301-1E

BBLD 1/18 Scale RC Car (Model 9301-1E) Instruction Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation, maintenance, and troubleshooting of your BBLD 1/18 Scale RC Car, Model 9301-1E. Please read this manual thoroughly before operating the vehicle to ensure optimal performance and longevity.

2. WHAT'S IN THE BOX

Your BBLD RC Car package includes the following items:

- 1 x Remote Control Off Road Truck
- 1 x Remote Control Transmitter
- 2 x 7.4V 1500mAh Lithium Ion Batteries (one pre-installed, one boxed separately)
- 1 x USB Charging Cable
- 1 x Screwdriver
- 1 x Product Manual
- Standard Pack (1 x cross screws, 4 x wheel nuts, 1 x brush, 6 x clips, 2 x inner hexagon of fixed tire, 4 x step screw)



Image: The BBLD 1/18 Scale RC Car, remote control, two batteries, USB charging cable, and various tools included in the package.

3. PRODUCT OVERVIEW

The BBLD 1/18 Scale RC Car is an IPX4 waterproof 4X4 off-road truck designed for various terrains. It features a robust RC380 brushed motor and a 2.4GHz anti-interference remote control system.

Key Features:

- **All-Terrain Dominance:** Equipped with a powerful RC380 brushed motor and 4X4 drivetrain, it navigates sand, snow, mud, grass, and rugged terrain.
- **Extended Playtime:** Two 7.4V 1500mAh Lithium Ion batteries provide up to 45 minutes of operation.
- **Precision Control:** 2.4GHz remote offers seamless forward/backward, left/right steering, adjustable speeds, and fine-tuning from up to 262 feet (80m).
- **Heavy-Duty Durability:** All-metal drive shaft and IPX4 waterproof rating protect against splashes. A built-in lock protection mechanism halts the motor during obstructions.
- **Enhanced Visibility:** Integrated ceiling lights improve visibility during low-light operation.
- **Smooth Operation:** Fifteen high-quality bearings reduce friction for efficient power transfer.

UNSTOPPABLE Velocity RC Blur



40km/h
Capable of 20,000 RPM



380MOTORS

Image: The BBLD RC Car in action, highlighting its speed capability of 40KM/H.



Image: The BBLD RC Car with two batteries, emphasizing the extended playtime of 45 minutes.

Remote Control System

2.4GHz Full-Function Proportional



Image: The 2.4GHz remote control system for the BBLD RC Car, showing controls for forward, brake, backward, steering, steering trim, speed switch, and indicator light.



Image: The BBLD RC Car showcasing its off-road tires designed for diverse terrains including snow and mud.



Image: Detailed view of the BBLD RC Car's components: cool car lights, environmental PVC car shell, long-lasting and powerful motor, adjustable shock absorber, 15-grain bearing, and 69mm all-terrain rubber tire.



Item Model Number: **9301-1E**

Suitable Age: **14+ Years**

Main Materials: **Metal, Nylon, PVC, ABS+TPR**

Model Scale: **1:18**

Product Dimensions: **11.42*7.68*5.12in**

Net Weight: **2.6lb/1.2kg**



Accessories

1 x Remote Control Off Road Truck

1 x User Manual

1 x USB Charging Cable

2 x Batteries

1 x Remote Control

1 x Standard Pack (1 x cross screws, 4 x wheel nuts, 1 x cross screw driver,

1 x brush, 6x clips, 2 * Inner hexagon of fixed tire, 4 * Step Screw)

Image: The BBLD RC Car with its dimensions (11.42in/290mm length, 7.68in/195mm width, 5.12in/130mm height) and a list of included accessories.

Official Product Videos:

Video: A short preview showcasing the BBLD Remote Control Car's ability to conquer various terrains and its off-road performance, including driving through water.

Video: A brief demonstration of the BBLD RC Truck's features and capabilities.

4. SETUP

Battery Installation (Vehicle)

1. Remove the four body clips located on each corner of the car's shell.
2. Carefully lift the car's shell to expose the internal components.
3. Connect the red battery connector from the battery to the corresponding red connector on the vehicle's internal wiring. Ensure a secure connection.
4. Secure the battery using the hook-and-loop strap provided in the battery compartment.
5. Replace the car's shell and re-insert the four body clips.

Battery Installation (Remote Control)

1. Open the battery compartment cover on the back of the remote control.
2. Insert 4 x AA batteries (not included) into the compartment, ensuring correct polarity.
3. Close the battery compartment cover.

Charging the Batteries

1. Connect the white plug from the battery to the USB charging cable.
2. Plug the USB charging cable into a 5V/0.5-2.0A USB adapter (e.g., computer USB port, USB wall adapter).
3. The indicator light on the USB charger will show charging status (e.g., red for charging, green for fully charged).
4. Charging typically takes approximately 1.5 hours per battery.

Pairing the Remote Control and Vehicle

1. Ensure the vehicle's battery is connected and secured.
2. Turn on the remote control by pressing and holding the power button until the indicator light flashes.
3. Turn on the vehicle by sliding the ON/OFF switch located inside the chassis.
4. The remote control and vehicle will automatically pair. The indicator lights on the transmitter and ESC should flash during binding and remain solid on the ESC after successful binding.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the remote control functions before operating the vehicle.

Remote Control Functions:

- **Throttle Trigger:** Pull the trigger backward for forward movement. Push the trigger forward for braking, then push again for reverse.
- **Steering Wheel:** Turn the wheel left to steer the vehicle left, and right to steer right.
- **ST. TRIM (Steering Trim):** Adjust this dial to fine-tune the steering if the vehicle pulls to one side when the steering wheel is centered.
- **TH. TRIM (Throttle Trim):** Adjust this dial to ensure the vehicle remains stationary when the throttle trigger is in the neutral position.
- **Speed Switch:** Adjust the speed setting (Min/Max) to match your skill level or driving environment.

Driving Tips:

- Start with the speed switch set to minimum until you are comfortable with the controls.
- Avoid sudden, sharp turns at high speeds to prevent rollovers.
- Operate in open areas free from obstacles, people, or pets.
- The IPX4 rating protects against splashes and light rain, but avoid submerging the vehicle in water.

6. MAINTENANCE

General Maintenance:

- After each use, clean the vehicle of dirt, dust, and debris using a soft brush or cloth.
- Inspect tires for wear and tear.
- Check all screws and connections for tightness.
- Store the vehicle in a dry, cool place away from direct sunlight and moisture.

Battery Care:

- Always fully charge the battery pack before each use.
- Never charge the battery pack unattended.
- Never use a damaged, wet, or shorted charger.
- Do not use swollen, deformed, broken, torn, or damaged batteries.
- Do not connect the USB charger to a smartphone adapter with an output greater than 5V/2A. High output chargers can damage your batteries and USB cable.
- Do not leave batteries idle for a long period.
- Do not store batteries in high temperatures. Store them in a dry, cool, and clean place.



Image: Important safety instructions for battery charging, including warnings against unattended charging, damaged chargers, and improper battery handling.

7. TROUBLESHOOTING

Refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Vehicle Stop Working	Car battery is flat or damaged	Fully charge the battery pack. If charging does not work, use a new battery. Check if there is a problem with the charging cable. If so, replace it with a new one.
	Remote control batteries are not installed correctly	Check and confirm that the battery is installed properly.
	Vehicle is not connected with transmitter	Check to ensure that the transmitter and car are connected. The LEDs on the transmitter and ESC should flash during binding and remain solid on the ESC after binding.
	Overheat protection	If the vehicle body is driven at high temperatures for a long time, it may turn on the protection and cut off the power to avoid the risk of overheating and damage to the motor. Take out the vehicle battery and wait for it to cool down completely and fully recharge.
	Parts damaged	Check for damaged parts such as wires, connectors, motors, ESCs, axles, etc. Repair or replace if necessary.
	Car battery is flat or damaged	Fully charge the battery pack. Or replace it if needed.

Vehicle Problem works, but	Possible Cause	Solution	
has poor or no steering	Steering trim not properly set	Adjust the 'ST. TRIM' on the transmitter to check whether the tires can be steered.	
	Parts loose or damaged	Check if the steering linkage is loose/broken or if the servo is faulty.	
Incapable of connection / Short control range	Car/transmitter battery is flat or damaged	Check and fully charge the battery pack, or replace it if needed.	
	The control distance is too long	Check to be within signal transmission distance.	
	Signal Interference	Stop driving and try to operate the vehicle in a new area. If the problem persists, contact the after-sales service.	
Short Battery Life	Old/worn-out battery	Look for swelling, deformation, edge damage. Replace with new battery.	
	Battery not fully charged	Ensure proper charging following battery charging guidelines.	
	Constant high-speed/rapid acceleration	Avoid sustained high speeds and sudden acceleration to extend battery life.	
Sluggish Performance	Dirty or damaged drivetrain/suspension	Inspect and replace any broken gears, shafts, outdrive cups, suspension components, etc.	
Battery Not Charging	Incorrect adapter used	Only use 5V/0.5-2.0A adapter. Incorrect adapter may damage battery/charger.	
	Over-discharged or damaged battery	Check battery pack condition and replace if needed.	
	Damaged USB charger	Check USB cable/charger following charging instructions and replace if needed.	
	Vehicle Does Not Reverse	Low battery	Ensure battery is fully charged before operating.
	Incorrect throttle center point setup	Turn power off/on without moving trigger until the vehicle is bound with the transmitter to allow ESC/Receiver's auto-setup of the throttle center point.	
	Incorrect trigger operation	Center trigger first, then pull back to go in reverse, to allow ESC/Receiver's auto-setup of the throttle center point.	
	Damaged waterproof ESC/Receiver or transmitter	Replace the waterproof ESC/Receiver unit or transmitter.	

8. SPECIFICATIONS

- **Model Number:** 9301-1E
- **Scale:** 1/18
- **Product Dimensions:** 7.7 x 5.1 x 11.4 inches
- **Item Weight:** 2.6 pounds
- **Batteries:** 2 Nonstandard Battery (7.4V 1500mAh Lithium Ion) required (included)
- **Manufacturer Recommended Age:** 8 years and up
- **Waterproof Rating:** IPX4
- **Control Range:** Up to 262 feet (80m)
- **Top Speed:** Up to 40KM/H

9. SAFETY INFORMATION

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Never allow children under 14 years of age to charge battery packs without adult supervision.
- Never leave the battery pack inside the vehicle during charging.
- Always operate the RC car in a safe environment, away from traffic, pedestrians, and water bodies.

10. WARRANTY AND SUPPORT

Your BBLD RC Car comes with a 12-month extended warranty. For any technical support, missing parts, or warranty claims, please contact BBLD US directly through their official channels or the Amazon seller support page.