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Nikko Toys 10031

Nikko RC 10031 VelociTrax Remote Controlled RC Car User Manual

Introduction

Thank you for choosing the Nikko RC 10031 VelociTrax Remote Controlled RC Car. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your new vehicle. The VelociTrax is designed for off-road adventures, featuring robust caterpillar tracks, 360-degree rotations, and speeds up to 14 km/h.

Safety Information

WARNING: Not suitable for children under 36 months due to small parts which may present a choking hazard. Contains a long cord, which may present a strangulation hazard. Please ensure all packaging components, such as tape, plastic wrap, wire ties, stickers, and labels, are removed and disposed of safely before giving the product to a child. The packaging contains important information and should be retained for future reference. Product appearance and color may vary from images shown.

Package Contents

Please check that all items listed below are included in your package:

- Nikko RC VelociTrax Vehicle (Orange)
- Remote Control
- USB Charging Cable
- 3 x AAA Batteries (for remote control)
- Instruction Manual



Image: The Nikko VelociTrax RC car and its remote control displayed in their retail packaging.

Setup

1. Charging the Vehicle Battery

The VelociTrax vehicle is equipped with an integrated LiFePo4 battery. Before first use, or when the battery is low, it must be charged using the provided USB cable.

1. Locate the charging port on the vehicle.
2. Connect the small end of the USB charging cable to the vehicle's charging port.
3. Connect the large end of the USB charging cable to a USB power source (e.g., computer USB port, USB wall adapter - not included).
4. The charging indicator light on the vehicle will illuminate during charging.
5. A full charge takes approximately 60 minutes. The indicator light will change or turn off once charging is complete.
6. Disconnect the USB cable from both the power source and the vehicle once charging is complete.

2. Installing Remote Control Batteries

The remote control requires 3 AAA batteries (included).

1. Using a screwdriver, open the battery compartment on the back of the remote control.
2. Insert 3 AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Close the battery compartment and secure it with the screw.



Image: A detailed view of the Nikko VelociTrax remote control.

3. Pairing the Vehicle and Remote Control

The VelociTrax uses 2.4 GHz transmission technology for automatic pairing.

1. Ensure both the vehicle and the remote control have fresh or fully charged batteries.
2. Turn on the vehicle using the ON/OFF switch.
3. Turn on the remote control.
4. The vehicle and remote control should automatically pair. An indicator light on the remote control may stop flashing or turn solid to confirm pairing.
5. If pairing fails, turn both devices off and repeat the steps.

Operating Instructions

The VelociTrax is designed for dynamic off-road driving. Familiarize yourself with the controls before operating.

Basic Controls

- **Left Joystick:** Controls the left track. Push forward for forward movement, pull back for reverse.
- **Right Joystick:** Controls the right track. Push forward for forward movement, pull back for reverse.

Driving and Stunts

- **Forward/Backward:** Push both joysticks forward or backward simultaneously.
- **Turning:** Push one joystick forward and the other backward to turn. For example, push the left joystick forward and the right joystick backward to turn right.
- **360° Rotations:** Push one joystick fully forward and the other fully backward to perform a rapid 360-degree spin.
- **Off-Road Capability:** The robust caterpillar tracks allow the VelociTrax to overcome difficult uneven terrain, obstacles, and gradients up to 45%.
- **Speed:** The vehicle can reach speeds of up to 14 km/h (9 mph) depending on the surface.
- **Range:** The 2.4 GHz remote control provides a range of up to 40 meters (131 feet).
- **Multi-Player:** Up to 10 players can operate their VelociTrax vehicles simultaneously without interference.



Image: The Nikko VelociTrax RC car being operated by its remote control.



Image: The Nikko VelociTrax RC car demonstrating its off-road capability by climbing over a tree log.



Image: The Nikko VelociTrax RC car performing a jump over rough terrain, showcasing its stunt capabilities.

Maintenance

Cleaning

- After each use, especially in dirty or dusty conditions, gently wipe the vehicle with a soft, dry cloth to remove dirt and debris.

- Do not use water or chemical cleaners, as this can damage the electronic components.
- Periodically check the caterpillar tracks for any trapped debris and carefully remove it.

Storage

- Store the vehicle and remote control in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove the AAA batteries from the remote control if storing for an extended period to prevent leakage.

Troubleshooting

If you encounter issues with your VelociTrax, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not respond to remote control.	Low batteries in vehicle or remote; not paired; power switches off.	Ensure vehicle battery is charged and remote control batteries are fresh. Turn both vehicle and remote ON. Re-attempt pairing process.
Vehicle moves slowly or inconsistently.	Low vehicle battery; debris in tracks.	Recharge the vehicle battery. Check and clear any debris from the caterpillar tracks.
Short operating range.	Interference; low remote control batteries.	Operate in an open area away from other electronic devices. Replace remote control batteries.
Vehicle makes unusual noises.	Debris caught in moving parts.	Turn off the vehicle and carefully inspect the tracks and gears for any foreign objects. Remove them if found.

Specifications

Feature	Detail
Model Number	10031
Product Dimensions	11.42 x 6.89 x 5.12 inches (29 x 17.5 x 13 cm)
Item Weight	2.86 pounds
Recommended Age	3 years and up (Note: Packaging may indicate 8+ years)
Vehicle Battery	Integrated LiFePo4 (rechargeable via USB)
Remote Control Batteries	3 x AAA batteries (included)
Charging Time	Approx. 60 minutes
Play Time	Up to 25 minutes (depending on surface and driving style)
Max Speed	Up to 14 km/h (9 mph)
Control Frequency	2.4 GHz

Feature	Detail
Control Range	Up to 40 meters (131 feet)
Manufacturer	Nikko Toys Ltd.
Release Date	January 1, 2019

Warranty and Support

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official Nikko Toys website. Please retain your proof of purchase for any warranty claims.

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