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› Ninco Driftrax 1:12 2.4 GHz RC Car User Manual

Ninco NH93158

Ninco Driftrax 1:12 2.4 GHz RC Car User Manual

Model: NH93158

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your Ninco Driftrax 1:12 2.4 GHz RC Car. Please read this manual thoroughly before using the product to ensure proper setup, operation, and maintenance. Retain this manual for future reference.

Safety Information

- Not suitable for children under 3 years due to small parts.
- Adult supervision is recommended during operation.
- Do not operate near people, pets, or obstacles.
- Avoid operating in wet conditions or on public roads.
- Ensure batteries are inserted with correct polarity.
- Remove batteries from the car and remote when not in use for extended periods.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Ninco Driftrax 1:12 RC Car (NH93158)
- 2.4 GHz Remote Control
- Instruction Manual (this document)
- USB Charging Cable (if applicable, not specified in input but common for RC cars)



Figure 2.1: The Ninco Driftrax RC Car as packaged in its retail box, showing the car and remote control.

3. COMPONENTS OVERVIEW

3.1 RC Car Components



Figure 3.1: The Ninco Driftrax 1:12 RC Car, featuring its distinctive multi-directional wheels and robust chassis.

- **Chassis:** The main body structure of the car.
- **Wheels:** Four omni-directional wheels designed for 360-degree movement and drifting.
- **Battery Compartment:** Located on the underside of the car.

- **Power Switch:** Turns the car on or off.

3.2 Remote Control Components



Figure 3.2: The 2.4 GHz remote control for the Ninco Driftrax RC Car, showing its dual joysticks and directional buttons.

- **Left Joystick:** Controls forward and backward movement.
- **Right Joystick:** Controls left and right turning, and lateral movement.
- **Directional Buttons:** Fine-tune movement and enable specific drift maneuvers.
- **Power Indicator Light:** Shows if the remote is on and paired.
- **Battery Compartment:** Located on the underside of the remote.

4. SETUP

4.1 Battery Installation

The Ninco Driftrax RC Car requires internal rechargeable batteries (often pre-installed or included) and the remote control requires 2 AA batteries (not included).

1. Remote Control:

- Locate the battery compartment on the back of the remote control.

- Open the battery cover using a small screwdriver if necessary.
- Insert 2 AA batteries, ensuring correct polarity (+/-).
- Close the battery cover securely.

2. RC Car:

- Locate the battery compartment on the underside of the car.
- Open the battery cover.
- Connect the car's rechargeable battery pack (if not already connected).
- Place the battery pack inside the compartment and close the cover securely.

4.2 Charging the Car Battery

If your car's battery is not pre-charged or requires charging:

1. Connect the USB charging cable to the car's charging port.
2. Plug the other end of the USB cable into a standard USB power adapter (e.g., computer USB port, wall adapter).
3. The charging indicator light (if present) will show the charging status. Refer to the specific charging instructions provided with your car for details on charging times and indicator behavior.
4. Disconnect the charger once the battery is fully charged.

4.3 Pairing the Remote Control with the Car

The 2.4 GHz system typically pairs automatically:

1. Ensure both the car and the remote control have fresh batteries.
2. Turn on the RC car using its power switch.
3. Turn on the remote control.
4. The remote control's indicator light should blink and then become solid, indicating a successful connection. If not, turn both off and repeat the process.

5. OPERATING

5.1 Basic Controls

- **Forward/Backward:** Push the *left joystick* forward to move the car forward, pull it backward to move the car backward.
- **Turn Left/Right:** Push the *right joystick* left to turn the car left, push it right to turn the car right.

5.2 Advanced Maneuvers (360-Degree Drift)

The Ninco Driftrax is designed for dynamic movement, including 360-degree drifts and lateral slides, thanks to its unique omnidirectional wheels.

- **Lateral Movement:** Use the *directional buttons* or specific combinations of joystick movements (refer to remote control diagram) to move the car sideways without changing its front orientation.
- **360-Degree Spin/Drift:** Experiment with simultaneous movements of both joysticks or specific directional button presses to initiate a 360-degree spin or controlled drift. Practice is key to mastering these maneuvers.



Figure 5.1: The Ninco Driftrax RC Car demonstrating its ability to perform dynamic movements on various terrains.

5.3 Driving Tips

- Start in an open area free of obstacles.
- Practice basic forward, backward, and turning movements before attempting advanced drifts.
- The 2.4 GHz frequency allows multiple cars to operate simultaneously without interference.
- Monitor battery levels; performance may decrease as batteries drain.

6. MAINTENANCE

6.1 Cleaning

- Wipe the car and remote with a soft, dry cloth after each use.
- Do not use water or chemical cleaners, as they can damage electronic components.
- Remove any debris (dust, hair, small particles) from the wheels and chassis to ensure smooth operation.

6.2 Battery Care

- Always remove batteries from the remote control and the car if not used for an extended period.
- Do not overcharge the car's rechargeable battery.
- Dispose of old batteries responsibly according to local regulations.

6.3 Storage

- Store the car and remote in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep out of reach of small children when not in use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Car does not respond to remote.	Low batteries in car or remote. Not paired correctly. Car or remote power switch off.	Replace/recharge batteries. Re-pair car and remote (Section 4.3). Ensure both are switched on.
Car moves slowly or erratically.	Low car battery. Obstruction in wheels.	Recharge car battery. Clean wheels and axles.
Short operating range.	Low remote battery. Environmental interference.	Replace remote batteries. Operate in an open area away from other electronic devices.

8. SPECIFICATIONS

Feature	Detail
Model Number	NH93158
Scale	1:12
Frequency	2.4 GHz
Dimensions (L x W x H)	16.93 x 9.13 x 4.72 inches (43 x 23.2 x 12 cm)
Item Weight	3.3 pounds (1.5 kg)
Car Battery	Rechargeable (type not specified, typically Li-ion or Ni-MH)
Remote Control Battery	2 x AA batteries (not included)
Recommended Age	3 months and up (Manufacturer recommended age, though RC cars are typically for older children)
Manufacturer	Ninco

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact the manufacturer, Ninco, directly. Refer to the product packaging or the official Ninco website for the most current contact details.

Manufacturer: Ninco