

## Ninco NH93163

# Ninco NincoRacers Hyundai i20 WRC Remote Control Car Instruction Manual

Model: NH93163 | Brand: Ninco

## 1. SAFETY INFORMATION

**Warning:** Not suitable for children under 3 years due to small parts. Choking hazard.

- Always operate the vehicle in a safe environment, away from people, pets, and obstacles.
- Do not operate near water or in wet conditions to prevent electrical damage.
- Ensure adult supervision for children operating the vehicle.
- Use only the specified batteries and charger.
- Do not attempt to modify the vehicle or its components.

## 2. PRODUCT OVERVIEW

The Ninco NincoRacers Hyundai i20 WRC is a 1/10 scale remote control car designed for an immersive rally driving experience. It features a powerful Li-Ion battery and a 2.4 GHz remote control for interference-free play.

### What's in the Box:

- 1x Ninco NincoRacers Hyundai i20 WRC Remote Control Car
- 1x 2.4 GHz Remote Control Transmitter
- 1x 500mAh Li-Ion Battery (for car)
- 1x USB Charger
- 2x AA Batteries (for remote control)



Figure 1: The Ninco NincoRacers Hyundai i20 WRC remote control car and its components as packaged.

### 3. SETUP

#### 3.1 Car Battery Installation

1. Locate the battery compartment on the underside of the car.
2. Use a screwdriver to open the battery compartment cover.
3. Connect the 500mAh Li-Ion battery to the car's power connector.
4. Carefully place the battery inside the compartment.
5. Close the battery compartment cover and secure it with the screw.

#### 3.2 Remote Control Battery Installation

1. Locate the battery compartment on the back of the remote control.
2. Open the battery compartment cover.
3. Insert 2 AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover.



Figure 2: The 2.4 GHz remote control transmitter for the Ninco NincoRacers car.

### 3.3 Pairing the Remote Control and Car

The 2.4 GHz remote control system is designed for automatic pairing. Follow these steps:

1. Ensure both the car and the remote control have fresh batteries installed.
2. Turn on the car's power switch.
3. Turn on the remote control's power switch. The indicator light on the remote control should blink.
4. Wait a few seconds for the remote control and car to automatically pair. The indicator light on the remote control will become solid when pairing is successful.
5. If pairing fails, turn off both devices and repeat the steps.



Figure 3: A user demonstrating the operation of the remote control car.

## 4. OPERATION

### 4.1 Basic Controls

- **Throttle Trigger:** Pull to move forward, push to brake/reverse.
- **Steering Wheel:** Turn left to steer left, turn right to steer right.

### 4.2 Driving Tips

- Start with slow movements to get accustomed to the controls.
- Practice steering and throttle control in an open area.
- The 2.4 GHz system allows multiple cars to be operated simultaneously without interference.
- Experience the thrill of rally driving by practicing drifts and controlled slides on appropriate surfaces.



Figure 4: The Ninco NincoRacers Hyundai i20 WRC car demonstrating its maneuverability.

### 4.3 Official Product Video: How to Use a High-Speed RC Car

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Video 1: This video provides a general guide on how to operate a high-speed remote control car, including basic controls and driving techniques.

## 5. MAINTENANCE

### 5.1 Battery Charging

- Connect the Li-Ion battery to the included USB charger.
- Plug the USB charger into a compatible USB power source (e.g., computer, USB wall adapter).
- The charging indicator light on the charger will show the charging status. Refer to the charger's specific instructions for light indications.
- Do not overcharge the battery. Disconnect once fully charged.

### 5.2 Cleaning and Storage

- After use, especially in dusty or dirty conditions, clean the car with a soft, dry cloth.
- Avoid using water or chemical cleaners directly on electronic components.
- Store the car and remote control in a cool, dry place away from direct sunlight.
- Remove batteries from both the car and remote control if storing for extended periods to prevent leakage.

## 6. TROUBLESHOOTING

### Common Issues and Solutions:

- **Car not responding:**
  - Check if both the car and remote control are powered on.
  - Ensure batteries are correctly installed and fully charged.
  - Re-pair the remote control and car (refer to Section 3.3).
  - Check for any obstructions to the car's wheels or steering mechanism.

- **Poor range or interference:**

- Ensure no other 2.4 GHz devices are operating nearby that could cause interference.
- Operate the car within the recommended range of the remote control.

- **Reduced performance:**

- The car battery may be low; recharge it fully.
- Check for dirt or debris in the wheels or drivetrain.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	NH93163
Scale	1/10
Dimensions	42 x 13.5 x 54 cm; 1.4 kg
Car Battery	500mAh Li-Ion (included)
Remote Control Batteries	2 AA (included)
Radio Frequency	2.4 GHz
Material	PVC
Recommended Age	6 years and up

## 8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact the seller directly. Keep your proof of purchase for any warranty claims.