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Ninco 91011

Ninco WRC Rally Turini Slot Car Race Track System User Manual

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Ninco WRC Rally Turini slot car race track system. This 1:43 scale circuit features an approximate 8-meter track, wireless controllers, and two official WRC cars: a Toyota Yaris and a Hyundai i20, both equipped with LED lights. The track design includes spectacular elements such as double loopings and bridges, offering four different exciting layouts.



Figure 1: Ninco WRC Rally Turini Slot Car Race Track System packaging.

2. SAFETY WARNINGS

WARNING: This product contains a toy. Adult supervision is recommended during assembly and play to ensure safe operation and prevent potential hazards. Please read all instructions before use.

- Not suitable for children under 3 years due to small parts which may present a choking hazard.
- Ensure all electrical connections are secure and away from water.
- Do not modify the track or cars in any way not specified by the manufacturer.
- Use only the power adapter supplied with the product.
- Keep hair, loose clothing, and fingers away from moving parts of the cars and track.

3. PACKAGE CONTENTS

Verify that all components are present before beginning assembly:

- Ninco WRC Rally Turini Track Pieces (various straight and curved sections, including spiral tracks)
- 2 x 1:43 Scale WRC Cars (1 x Toyota Yaris with LED lights, 1 x Hyundai i20 with LED lights)
- 2 x Wireless Controllers
- Bridge Supports and Sections

- Looping Supports and Sections
- Power Supply Unit (AC adapter)
- Lap Counter (if included in specific version)



Figure 2: Included WRC slot cars, Toyota Yaris and Hyundai i20.



Figure 3: Wireless controllers for the slot car system.

4. SETUP INSTRUCTIONS

Follow these steps to assemble your race track system:

1. **Unpack Components:** Carefully remove all track pieces, cars, controllers, and accessories from the packaging.
2. **Choose a Layout:** The Ninco WRC Rally Turini track allows for 4 different track layouts. Refer to the included diagram (if available) or experiment with the pieces to create your desired configuration. Ensure the chosen surface is flat and stable.
3. **Assemble Track Sections:** Connect the track pieces by aligning the connectors and pressing them firmly together until they click. Pay attention to the polarity of the track sections to ensure continuous electrical contact.

4. **Install Loopings and Bridges:** Attach the looping supports and bridge supports to their designated track sections. Securely place the looping and bridge track pieces onto their supports.
5. **Connect Power:** Locate the power connection track piece. Plug the power supply unit into this track piece, then plug the power supply into a suitable wall outlet.
6. **Prepare Cars:** Place the Toyota Yaris and Hyundai i20 cars onto the track, ensuring their guide pins are correctly inserted into the track slot and the electrical contacts are touching the metal rails.
7. **Insert Controller Batteries:** Open the battery compartment on each wireless controller and insert the required batteries (not included). Close the compartment securely.



Figure 4: Example of an assembled track layout with double loopings and a bridge.



Figure 5: Components and various track layout possibilities.

5. OPERATING INSTRUCTIONS

Once the track is assembled and powered, and cars are in place, you can begin racing:

1. **Power On:** Ensure the power supply is plugged in and the track is receiving power.
2. **Controller Pairing:** The wireless controllers use infrared technology. Point the controller towards the track's receiver (usually located on the power connection track or a dedicated receiver unit). Press the trigger to establish a connection.
3. **Start Racing:** Gently press the trigger on your wireless controller to accelerate your car. The harder you press, the faster the car will go. Release the trigger to slow down or stop.
4. **Navigate Curves and Loopings:** Adjust your speed when approaching curves and loopings to prevent the car from derailing. Practice is key to mastering the track.
5. **LED Lights:** The cars are equipped with LED lights for enhanced realism during play.
6. **Lap Counting:** If your system includes a lap counter, it will automatically register laps as cars pass over it.

6. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your Ninco WRC Rally Turini system:

- **Track Cleaning:** Periodically wipe down the track surface and metal rails with a clean, dry, lint-free cloth to remove dust and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Car Maintenance:** Check the car's guide pins and electrical contacts for wear or damage. Ensure the wheels are clean and free of hair or fibers.
- **Controller Batteries:** Replace controller batteries when performance degrades. Remove batteries if the controllers will not be used for an extended period to prevent leakage.
- **Storage:** When not in use, store the track system in a dry, dust-free environment, away from direct sunlight and extreme temperatures. Disassemble the track if necessary for compact storage.

7. TROUBLESHOOTING

If you encounter issues, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Car not moving	No power to track; Car not properly seated; Dirty track rails; Worn car contacts/guide pin; Controller not paired or low battery.	Check power supply connection; Ensure car guide pin is in slot and contacts touch rails; Clean track rails; Inspect/replace car contacts/guide pin; Re-pair controller, replace batteries.
Controller not responding	Low or dead batteries; Not paired; Obstruction between controller and receiver.	Replace controller batteries; Re-pair controller; Ensure clear line of sight to receiver.
Cars frequently derail	Excessive speed in curves/loopings; Track sections not fully connected; Worn car guide pin.	Reduce speed; Ensure all track connections are firm; Inspect/replace car guide pin.
Intermittent power	Loose track connections; Faulty power supply; Dirty track rails.	Check all track connections; Test power supply if possible; Clean track rails thoroughly.

8. SPECIFICATIONS

- **Model Name:** Ninco WRC Rally Turini
- **Manufacturer Reference:** 91011
- **ASIN:** B07VC2WLGC
- **Scale:** 1:43
- **Track Length:** Approximately 8 meters
- **Track Width:** 34 mm
- **Assembled Dimensions:** Approximately 190 x 135 cm
- **Product Dimensions (L x W x H):** 62.5 x 50.5 x 7.5 cm (packaging)
- **Main Material:** Plastic
- **Number of Players:** 2
- **Recommended Age:** 4 - 14 years
- **Power Source:** Battery powered (for controllers, track via AC adapter)

- **Battery Type (Controllers):** Piles requises (Batteries required)
- **Remote Control Type:** Infrared
- **Educational Value:** Spatial awareness

9. WARRANTY AND SUPPORT

Specific warranty information for the Ninco WRC Rally Turini slot car race track system is not provided in the product description. For details regarding warranty coverage, spare parts availability, or technical support, please contact Ninco customer service or the retailer from whom the product was purchased. Keep your proof of purchase for any warranty claims.

You may find additional support and product information on the official Ninco website www.ninco.com