Hot Wheels FBL83

Hot Wheels Ai Intelligent Race System Starter Kit User Manual

1. Introduction

Welcome to the Hot Wheels Ai Intelligent Race System! This system offers an immersive racing experience utilizing Artificial Intelligence to guide your cars and challenge opponents. This manual provides essential information for setting up, operating, and maintaining your race system to ensure optimal performance and enjoyment.
The Hot Wheels A.i. Intelligent Race System Starter Kit includes 2 high-performance smart cars, 2 gaming controllers, and 20 pieces of track, allowing for over 40 unique race configurations.

2. What's in the Box



Image: The Hot Wheels Ai Intelligent Race System Starter Kit box, displaying the two smart cars, two controllers, and track pieces included.

Your Hot Wheels Ai Intelligent Race System Starter Kit contains the following components:

- 2 x High-Performance Smart Cars
- 2 x Gaming Controllers
- 20 x Track Pieces (for over 40 race configurations)
- Instruction Manual (this document)

3. Setup

3.1 Track Assembly

The Hot Wheels Ai track is designed for flexible assembly, allowing for numerous layouts. Refer to the included layout diagrams for inspiration or create your own. Each track piece is lettered to assist with following diagrams.



Image: A close-up view of two track pieces being connected, showing the interlocking tabs and arrows indicating direction.

To assemble the track:

1. Lay out your desired track configuration on a flat, clean surface.
2. Connect track pieces by aligning the tabs and slots. Ensure a secure fit for optimal performance.
3. Be careful when connecting and disconnecting track pieces to avoid damaging the tabs.



Image: An example of a completed Hot Wheels Ai race track layout, featuring two cars on the track.

3.2 Powering On Cars and Controllers

The system requires 6 AAA batteries (not included) for operation. Each controller requires 3 AAA batteries.

1. **Controllers:** Open the battery compartment on the back of each controller and insert 3 AAA batteries, observing polarity. Close the compartment securely.
2. **Smart Cars:** The smart cars are powered by internal rechargeable batteries. Ensure cars are fully charged before first use. Charging instructions are typically provided with the charging cable (if included) or within the car's specific documentation.

3.3 Initial Calibration

For optimal track performance, it is recommended to calibrate your cars to the track. This process helps the Artificial Intelligence system accurately guide the cars.

1. Ensure the controller is powered on.
2. Ensure the smart car is powered off.
3. On the controller, locate and hold down the small round button on the upper left side.
4. While holding the button, power on the smart car. The car will enter track calibration mode.
5. Follow the on-screen instructions or audio prompts from the controller to calibrate your car to the center of the track.

4. Operating Instructions

The Hot Wheels Ai system offers various gameplay modes and features for an engaging racing experience.



Image: Two boys enthusiastically playing with the Hot Wheels Ai race system on a wooden floor, controlling their cars on a track.

4.1 Gameplay Modes

- **Championship Mode:** Engage in high-tech, head-to-head racing against rival AI racers or other players. This mode allows you to utilize virtual hazards and pit stops.
- **Freeplay Mode:** Race off-track with the smart cars, using them as standalone remote-control vehicles. This mode offers flexibility for play beyond the track.

4.2 Skill Levels

The system features three adjustable skill levels to accommodate drivers of all experience levels:

- **Slow (Beginner):** Provides nearly 100% driving assistance, helping cars stay on track and allowing for lane changes. Ideal for new users.
- **Medium (Intermediate):** Faster speeds with less assistance. Requires more control, as cars can fly off the track if speed is not managed on turns.
- **High (Expert):** Very fast speeds with minimal assistance, demanding precise control. All virtual hazards are available in this mode.

4.3 Virtual Hazards and Pit Stops

In Championship Mode, you can deploy virtual hazards to impede your opponents:

- **Oil Spills:** Causes opponents to lose traction.
- **Tire Blowouts:** Temporarily disables an opponent's car.

Hazards are recharged by entering designated pit stop areas on the track. The number of available hazards varies by skill level.

5. Maintenance

5.1 General Care

- Keep track pieces clean and free of dust or debris to ensure optimal car performance.
- Store track pieces flat or rolled loosely to prevent warping or damage to connectors.
- Wipe cars and controllers with a dry, soft cloth. Do not immerse in water.

5.2 Battery Replacement

Replace AAA batteries in controllers when performance diminishes. Always use fresh batteries and dispose of old batteries responsibly.

6. Troubleshooting

6.1 Car Not Staying on Track

- Ensure the track is assembled correctly and all connections are secure.
- Verify that the car's tires are clean and free of debris.
- Perform a track calibration as described in Section 3.3.
- Check the selected skill level. Higher skill levels require more precise control.

6.2 Controller Unresponsive

- Check and replace the AAA batteries in the controller.
- Ensure the controller is powered on and within range of the car.
- Attempt to re-pair the controller with the car according to the initial setup instructions.

6.3 Car Not Responding

- Ensure the car's internal battery is charged.
- Verify the car is powered on.
- Check for any physical obstructions or damage to the car's sensors or wheels.

7. Product Specifications

Feature	Detail
Product Dimensions	24 x 4.25 x 15 inches
Item Weight	4.95 pounds
Item Model Number	FBL83
Manufacturer Recommended Age	8 - 15 years
Batteries Required	6 AAA batteries (for controllers)
Release Date	September 22, 2016
Manufacturer	Mattel

8. Warranty and Support

This product is manufactured by Mattel. For warranty information, customer service, or additional support, please refer to the official Mattel website or contact their customer service department.
A digital version of the user guide is available online:Hot Wheels Ai User Guide (PDF)

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question