

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [AGM MASTECH](#) /
- › [AGM MASTECH Slot Car Race Track Set MR Instruction Manual](#)

## AGM MASTECH MR

# AGM MASTECH Slot Car Race Track Set MR Instruction Manual

Model: MR

## INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your AGM MASTECH Slot Car Race Track Set. Please read this manual thoroughly before initial use to ensure proper setup and safe enjoyment of the product. This set is designed for users aged 8 years and up.



*Image: The complete AGM MASTECH Slot Car Race Track Set, featuring the track layout, four light-up cars, and two speed controllers.*

## WHAT'S IN THE BOX

Verify that all components are present before beginning assembly:

- 4 Slot Cars (Light-Up)
- Track Pieces (various shapes for an 18.4 ft track)
- 2 Speed Controllers
- Power Supply Unit
- Guard Rails and Supports
- Spare Tires and Brushes

## SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all track pieces, cars, controllers, and accessories from the packaging.
2. **Assemble Track Layout:** Connect the track pieces by aligning the connectors and pressing them firmly together. The enhanced connection system ensures stability. Refer to the included layout diagram for suggested configurations or create your own. Ensure all track sections are securely locked into place to maintain continuous electrical contact.
3. **Install Loops and Supports:** If your layout includes loops, attach the necessary supports to ensure they are stable.
4. **Connect Power Supply:** Plug the power supply unit into the designated track section. Connect the power supply to a standard electrical outlet.
5. **Connect Controllers:** Plug the two speed controllers into the corresponding ports on the power track section.
6. **Place Cars on Track:** Carefully place the slot cars onto the track, ensuring the guide pins are correctly seated in the track slots and the power contacts (brushes) are touching the metal rails.



*Image: An assembled track layout featuring four challenging loops, demonstrating a possible configuration for the race track set.*

## OPERATING INSTRUCTIONS

1. **Power On:** Ensure the power supply is connected and switched on.
2. **Controller Operation:** Use the trigger on the speed controller to accelerate your car. The further you press the trigger, the faster the car will go.
3. **Adjustable Speed Limit:** Each controller features an adjustable speed limit screw. Parents can use this screw to set a maximum speed for younger users, ensuring an appropriate racing experience. Turn the screw clockwise to decrease the maximum speed and counter-clockwise to increase it.
4. **Full-Speed Turbo Button:** For an unrestricted high-speed rush, press the turbo button located on the controller. This bypasses the speed limit screw setting for a temporary burst of maximum speed.
5. **Car Headlights:** The slot cars are equipped with illuminated headlights, enhancing the visual experience during play, especially in low-light conditions.
6. **Magnetic Bottom Adjustment:** For optimal performance and stability, the cars feature an innovative magnetic bottom adjustment. Turning the knob clockwise moves the magnet closer to the track, increasing downforce for better grip and speed. Turning it counter-clockwise raises the magnet, reducing adhesion and making the car easier to derail, which can be used for a different racing challenge.



Image: Illustration of the speed controllers, highlighting the adjustable speed limit for different skill

levels (Low Top Speed for Starter, High Top Speed for Expert Racer).



Image: A hand demonstrating the activation of the 'Super Fast by Click Turbo' button on the speed controller, showing cars accelerating.

## Unique Interchangeable Tires for 1:64 Scale Racing Cars

Extend Car Lifespan with Interchangeable Tires



Demolish old and damaged parts



NEW

## Innovative Magnetic Bottom Adjustment for Optimal Performance

Tune Your Racer's Speed and Stability with Magnetic Screw



Image: Detailed view of a slot car's underside, illustrating the innovative magnetic bottom adjustment for stability and the process of replacing interchangeable tires.

## MAINTENANCE

- **Track Cleaning:** Regularly wipe down the track surface and metal rails with a clean, dry cloth to remove dust and debris, ensuring optimal electrical contact.
- **Car Brush Maintenance:** The small metal brushes under each car are crucial for power pickup. Ensure they are clean and positioned correctly to make good contact with the track rails. Replace worn brushes with the included spares.
- **Tire Replacement:** Over time, car tires may wear out. The set includes unique interchangeable tires. To replace, carefully remove the old tire and slide on a new one. This extends the lifespan of your cars.
- **Storage:** When not in use, store the track set and cars in a clean, dry place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

- **Car Not Moving:**
  - Check if the power supply is securely plugged in and switched on.
  - Ensure the car's guide pin is properly seated in the track slot.
  - Verify that the car's brushes are clean and making good contact with the track's metal rails. Adjust if necessary.
  - Inspect track connections for any gaps or loose sections that might interrupt the electrical circuit.
- **Cars Flying Off Track Frequently:**
  - Reduce speed, especially when entering curves or loops.
  - Adjust the magnetic bottom of the car (turn clockwise) to increase downforce and improve grip.
  - Check the adjustable speed limit screw on the controller; lower the maximum speed if needed.
  - Ensure track sections are flat and securely connected, as uneven surfaces can cause derailments.
- **Track Sections Separating:**
  - Ensure all track pieces are firmly pressed together during assembly.
  - Avoid bumping the track during play, as this can dislodge connections.
- **Lights on Cars Not Working:**
  - Check car power contacts (brushes) and track rails for cleanliness and proper connection.
  - Ensure the car is receiving power from the track.

## SAFETY INFORMATION

**WARNING: CHOKING HAZARD - Small Parts. Not suitable for children under 3 years old.**

- Adult supervision is recommended, especially for younger children.
- Do not operate the track set near water or in wet conditions.
- Ensure all electrical connections are secure before powering on.
- Do not modify the product or its components.
- Keep hair, loose clothing, and fingers away from moving parts.

## SPECIFICATIONS

Feature	Detail
Model Number	MR
Track Length	18.4 ft
Scale	HO scale 1:64
Car Quantity	4 Light-Up Cars
Controller Type	Adjustable Speed Controllers with Turbo Button
Recommended Age	8 years and up
Product Dimensions	1.03 x 1 x 1.02 inches
Item Weight	4.53 pounds
Manufacturer	SHANTOU CHENGHAI YINGBAO INTELLIGENT TOYS CO., LTD.

## WARRANTY AND SUPPORT

AGM MASTECH is committed to delivering quality products. For any inquiries or support regarding your Slot Car Race Track Set, please contact our dedicated customer service team. We are ready to assist you within 24 hours.

Please retain your proof of purchase for any warranty claims.