TesPower MJX 16207

Instruction Manual

TesPower MJX Hyper GO 16207 1/16 Scale RC Buggy

High-Speed Brushless 4WD Remote Control Car

Introduction What's in the Box Specifications Setup Operating Maintenance Troubleshooting Safety Guidelines Warranty & Support

1. Introduction

The MJX Hyper GO 16207 is a high-performance 1/16 scale Remote Control (RC) car designed for enthusiasts seeking speed and durability. Featuring a 2.4G radio control system, this brushless RC car can reach speeds of up to 62 km/h, offering an exhilarating driving experience on various terrains.

Key features include a powerful 2845 brushless motor, a 45A independent brushless ESC, and a 3S 11.1V 1050mAh 25C LiPo battery for extended run times. Its robust construction boasts full metal hydraulic shock absorbers and an all-metal transmission system with metal gear differentials, ensuring resilience during high-speed off-road adventures. The standard independent receiver also allows for easy modification and upgrade options.



Figure 1.1: The MJX Hyper GO 16207 RC Buggy, showcasing its sleek design and rugged tires.

2. What's in the Box

Upon unboxing your MJX Hyper GO 16207, please ensure all the following components are present:

- MJX Hyper GO 16207 RC Car
- Remote Control Transmitter
- 11.1V 1050mAh 25C LiPo Battery

- Battery Charger
- Product Manual (this document)



Figure 2.1: All components included with the MJX Hyper GO 16207.

3. Specifications

Feature	Detail
Brand	TesPower (MJX)
Model Number	MJX 16207
Scale	1/16
Main Material	PVC, Rubber
Maximum Speed	62 km/h
Frequency	2.4GHz
Battery	11.1V 1050mAh 25C LiPo
Motor	2845 Brushless Motor
ESC	45A Brushless
Servo	17g Digital Servo
Charging Time	3 hours
Working Time	12 minutes
Remote Control Distance	About 45 Meters
Remote Controller Battery	2*AA Battery (not Included)
Product Dimensions	9.9 x 3.9 x 8 inches
Item Weight	2.2 pounds
Recommended Age	14 years and up



Figure 3.1: Detailed view of the internal electronic components.

4. Setup

4.1 Battery Charging

Before first use, fully charge the included 11.1V 1050mAh 25C LiPo battery using the provided charger. The charging time is approximately 3 hours. Always supervise the battery during charging and disconnect once fully charged.

4.2 Battery Installation (RC Car)

1. Carefully remove the RC car body shell.
2. Insert the charged LiPo battery into the designated battery compartment.
3. Connect the battery connector to the ESC (Electronic Speed Controller) connector. Ensure correct polarity.
4. Secure the battery in place to prevent movement during operation.
5. Reattach the RC car body shell.

4.3 Remote Control Setup

1. Open the battery compartment on the back of the remote control.
2. Insert 2 AA batteries (not included), observing the correct polarity.
3. Close the battery compartment.
4. Turn on the remote control. The indicator light should illuminate.
5. Turn on the RC car. The car and remote should automatically bind. If not, refer to the remote control's specific binding instructions.

Your browser does not support the video tag.

Video 4.1: An unboxing video demonstrating the initial setup and components of the MJX Hyper GO 16207.

5. Operating

5.1 Basic Controls

- **Throttle Trigger:** Pull to accelerate forward, push to brake/reverse.
- **Steering Wheel:** Turn left to steer left, turn right to steer right.
- **Trim Adjustments:** Use the trim dials on the remote to fine-tune steering and throttle if the car pulls to one side or moves without input.

5.2 Driving Tips

The MJX Hyper GO 16207 is designed for high-speed performance. Start with gentle throttle inputs to get accustomed to its power. Its 4WD system and robust suspension allow it to handle various terrains, from smooth tracks to rough backyard environments. Be mindful of the 45-meter remote control distance to maintain optimal control.



Figure 5.1: The RC car showcasing its impressive top speed.

Your browser does not support the video tag.

Video 5.2: A demonstration of the MJX 16207 RC buggy in action, highlighting its speed and handling.

6. Maintenance

Regular maintenance will ensure the longevity and optimal performance of your MJX Hyper GO 16207.

- **Cleaning:** After each use, especially in dusty or dirty conditions, clean the car with a soft brush or compressed air to remove debris from the chassis, suspension, and motor.
- **Inspecting Components:** Regularly check all screws, nuts, and bolts for tightness. Ensure the full metal hydraulic shock absorbers are free of leaks and functioning smoothly. Inspect the all-metal transmission system, including metal gear differentials, for any signs of wear or damage.
- **Motor Cooling:** The 2845 brushless motor is equipped with a cooling fan. Ensure the fan is clear of obstructions and operating correctly to prevent overheating.
- **Battery Care:** Store the LiPo battery in a cool, dry place. Do not overcharge or over-discharge the battery.



Figure 6.1: Illustration of the durable all-metal construction.



Figure 6.2: View of the full metal hydraulic shock absorbers.

7. Troubleshooting

Problem	Possible Cause	Solution
Car does not respond to remote.	Low battery in car or remote; not bound.	Charge car battery, replace remote batteries, re-bind car and remote.
Car runs slowly or lacks power.	Battery not fully charged; motor/ESC overheating.	Fully charge battery; allow components to cool down; check for obstructions in motor/fan.
Steering is erratic or unresponsive.	Steering trim incorrect; damaged servo; loose connections.	Adjust steering trim; check servo connections; inspect servo for damage.
Unusual noises from the car.	Debris in gears; damaged gears/bearings.	Inspect and clean gears; replace damaged components.

8. Safety Guidelines

To ensure safe operation and prevent damage, please adhere to the following guidelines:

- **Age Recommendation:** This product is recommended for users 14 years and up. Adult supervision is advised for younger users.
- **Operating Environment:** Operate the RC car in open areas free from people, pets, and obstacles. Avoid public roads, wet conditions, and extreme temperatures.
- **Battery Safety:** Use only the provided charger and battery. Do not puncture, disassemble, or expose the battery to extreme heat or fire. Always supervise charging.
- **Pre-Operation Check:** Before each use, ensure all parts are securely fastened and there are no visible damages.
- **Post-Operation:** Disconnect the battery from the car after use.

9. Warranty and Support

The TesPower MJX Hyper GO 16207 comes with a standard manufacturer's warranty. For specific warranty terms, technical support, or replacement parts, please contact TesPower customer service directly. Keep your purchase receipt as proof of purchase.
Visit the official TesPower store for more information:TesPower Store

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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