

HYPER GO H14BM

HYPER GO H14BM 1/14 Brushless RC Car Instruction Manual

Model: H14BM | Brand: HYPER GO

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your HYPER GO H14BM 1/14 Brushless RC Car. Designed for high-speed performance and off-road capabilities, this 4WD electric truggy offers an exciting remote-controlled driving experience. Please read this manual thoroughly before operating the vehicle to ensure proper use and longevity.



Figure 1.1: The HYPER GO H14BM RC Car and included accessories, featuring the vehicle, remote controller, GPS module, and batteries.

2. PRODUCT FEATURES

- **High-Speed Performance:** Capable of reaching speeds up to 50 mph, powered by a brushless motor system.
- **4-Wheel Drive (4WD):** Provides superior traction and control on various terrains.
- **Waterproof Electronics:** Designed to withstand splashes and operate in wet conditions like snow and sand.
- **Durable Construction:** Built with robust components for enhanced resilience during off-road use.
- **3S Battery Compatibility:** Optimized for use with 3S LiPo batteries for maximum power output.
- **Adjustable Speed Settings:** Remote control features a speed limiter, ideal for beginners or controlled environments.



Figure 2.1: The HYPER GO H14BM demonstrating its off-road capability and durability by performing a jump.

3. SETUP GUIDE

3.1 Battery Installation and Charging

Ensure the vehicle's battery is fully charged before first use. Use only the provided charger and follow its instructions carefully. The H14BM supports 3S LiPo batteries for optimal performance.

1. Open the battery compartment on the vehicle.
2. Carefully insert the charged 3S LiPo battery, ensuring correct polarity.
3. Secure the battery compartment cover.



Figure 3.1: Example of a 3S 2000 mAh LiPo battery compatible with the H14BM.



Figure 3.2: Example of a 2S 3000 mAh LiPo battery, also compatible for different performance profiles.

3.2 Remote Control Preparation

1. Install AA batteries into the remote control unit.
2. Turn on the remote control.
3. Turn on the RC car. The remote and car should automatically pair. If not, refer to the pairing section in the full manual (if available).

4. OPERATING INSTRUCTIONS

4.1 Basic Controls

- **Throttle Trigger:** Pull to accelerate forward, push to brake, push again for reverse.
- **Steering Wheel:** Turn left or right to steer the vehicle.
- **Speed Limiter:** The remote control features a speed limiter (e.g., 70% setting). It is highly recommended for beginners to use this setting until comfortable with the vehicle's speed and handling.

4.2 Driving Tips

- **Throttle Control:** Practice smooth throttle application, especially during launch, to prevent the vehicle from flipping due to its high power.
- **Terrain:** The H14BM is designed for various off-road terrains including dirt, gravel, snow, and sand. Avoid deep water or extremely muddy conditions despite its waterproof features to prolong component life.
- **Wheelie Bar:** Consider installing the included wheelie bar, especially for beginners, to help manage high-power launches and prevent rollovers.
- **Axle Nuts:** Regularly check and tighten wheel axle nuts before and after each use, as they may loosen during operation.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your RC car.

- **Cleaning:** After each use, especially in dirty or wet conditions, clean the vehicle thoroughly. Remove dirt, sand, and debris from the chassis, suspension, and drivetrain. Use a soft brush or compressed air.
- **Battery Care:** Store LiPo batteries in a cool, dry place. Do not overcharge or over-discharge. Disconnect batteries from the vehicle when not in use.
- **Screw Checks:** Periodically inspect all screws for tightness. Pay particular attention to screws on the chassis, suspension, and motor mount. Using high-quality, appropriately sized hex drivers is recommended to prevent stripping screw heads.
- **Suspension:** Check shocks and springs for damage or leaks. The vehicle comes with stiffer silver springs for advanced handling; consider installing them once proficient with the stock springs.
- **Steering Servo:** The steering servo gears may wear over time due to impact. Consider upgrading to a metal-gear servo for increased durability if frequent stripping occurs.
- **Spare Parts:** The H14BM includes a generous set of spare parts. Familiarize yourself with these components for quick repairs. Additional parts are widely available.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to remote.	Low battery in car or remote; not paired; power switch off.	Charge vehicle battery, replace remote batteries, ensure both are powered on and paired correctly.
Vehicle is unstable or flips easily.	Aggressive throttle input; soft suspension; no wheelie bar.	Practice smoother throttle control, use speed limiter, install wheelie bar, consider stiffer springs.
Screws stripping easily.	Incorrect tool size; overtightening; low-quality screws.	Use high-quality, correctly sized hex drivers. Avoid excessive force. Replace stripped screws.
Throttle delay or inconsistent reverse.	Electronic Speed Controller (ESC) characteristics.	This is a known characteristic; adjust driving style. ESC upgrade is possible for advanced users.
Steering issues (e.g., wheels not turning).	Damaged steering servo gears.	Inspect servo for damage. Replace or upgrade steering servo if gears are stripped.

7. SPECIFICATIONS

- **Model Number:** H14BM
- **Product Dimensions:** 12.59 x 9.05 x 4.88 inches
- **Item Weight:** 6.16 pounds

- **Manufacturer:** HYPER GO
- **ASIN:** B0C8HPX4P1
- **Motor Type:** Brushless
- **Drive System:** 4WD (Four-Wheel Drive)
- **Battery Compatibility:** 3S LiPo recommended

8. WARRANTY AND SUPPORT

HYPER GO products are manufactured to high standards and undergo rigorous quality checks. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official HYPER GO website. For technical support, replacement parts, or any inquiries not covered in this manual, please contact HYPER GO customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Note: The nature of RC hobbies involves wear and tear. While the product is durable, certain parts may require replacement over time due to aggressive use or impacts.

© 2024 HYPER GO. All rights reserved.
This manual is subject to change without prior notice.

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

Email

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

Details

Submit question

