

HYPER GO H16BM

HYPER GO H16BM Brushless RC Truck User Manual

Model: H16BM

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1. INTRODUCTION

Thank you for purchasing the HYPER GO H16BM Brushless RC Truck. This 1/16 scale off-road remote control vehicle is designed for enthusiasts seeking high performance and durability. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your new RC truck. Please read it thoroughly before use to ensure safe and optimal performance.



Image 1.1: The HYPER GO H16BM Brushless RC Truck with its remote control, battery, and charging cable.

2. SAFETY GUIDELINES

Operating remote control vehicles requires attention to safety. Failure to follow these guidelines may result in injury or damage to the product or property.

- Always operate the RC truck in open areas, away from people, pets, and obstacles.
- Do not operate near public roads, water, or in adverse weather conditions.
- Keep hands, hair, and loose clothing away from moving parts.
- Ensure batteries are charged correctly and handled with care. LiPo batteries can be hazardous if misused.
- Adult supervision is recommended for users under 14 years of age.
- Turn off the vehicle and transmitter when not in use.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- HYPER GO H16BM RC Truck (with installed body shell)
- 2.4GHz Remote Control Transmitter
- 2 x 2S LiPo Batteries (7.4V 1050mAh 25C)

- 1 x 3S LiPo Battery (11.1V 1050mAh 25C)
- USB Charging Cable (for 2S/3S LiPo batteries)
- Spare Axles
- Head-up Wheel (Wheelie Bar)
- Battery Clip
- XT60 Female to Male Adapter
- Instruction Manual



Image 3.1: Key accessories including the USB charging cable, XT60 adapter, battery clip, and a 3S LiPo battery.

4. VEHICLE OVERVIEW

The HYPER GO H16BM features a robust design for high-speed off-road performance.

Key Features:

- **Brushless Motor:** Equipped with a Hobby 2845 4200KV 4-pole brushless motor for powerful acceleration and high top speeds.
- **Independent ESC:** A 45A Electronic Speed Controller (ESC) supports both 2S and 3S LiPo batteries.
- **Durable Drivetrain:** Features metal gears and metal differentials for efficient power distribution to all four wheels (4WD).
- **Oil-Filled Shocks:** Provides superior damping and handling over rough terrain.
- **Reinforced Chassis:** Honeycomb chassis material with F/R zinc metal reinforced sheets for impact resistance.
- **Adjustable Pull Rods:** Allows for fine-tuning of suspension geometry.



Image 4.1: The H16BM demonstrating its speed, powered by the E45A ESC and brushless motor. Capable of 45 kph with 2S LiPo and 68 kph with 3S LiPo.



Image 4.2: The H16BM performing a jump, illustrating the effectiveness of its oil-filled shocks and the reinforced top for impact resistance.

THE ULTRA-DURABLE METAL DRIVING SYSTEM

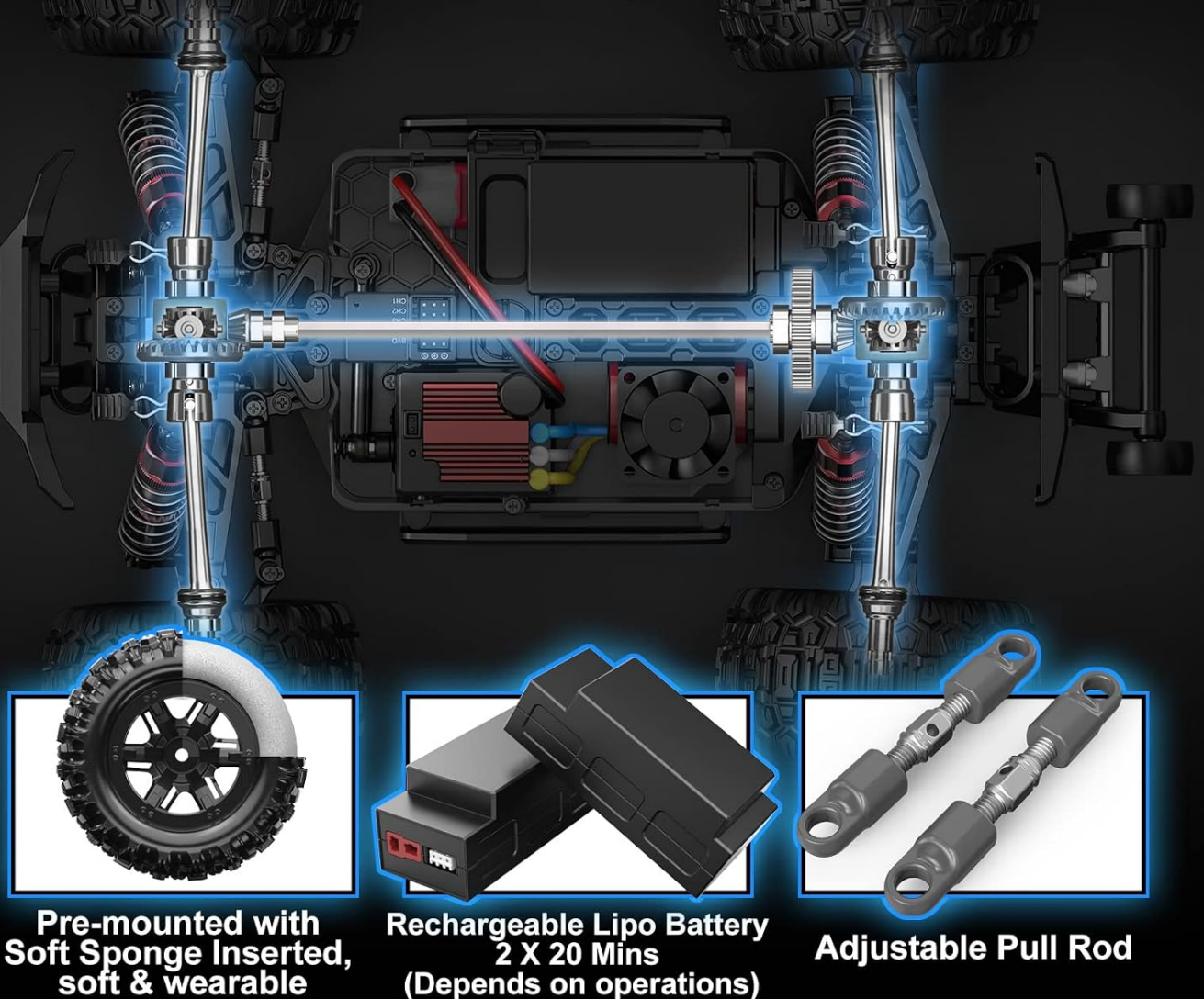


Image 4.3: An illustration of the H16BM's ultra-durable metal driving system, pre-mounted tires with soft sponge inserts, rechargeable LiPo battery compartment, and adjustable pull rods.

5. GETTING STARTED (SETUP)

5.1 Charging Batteries

The HYPER GO H16BM includes 2S and 3S LiPo batteries. Always use the provided USB charging cable or a compatible LiPo balance charger. Never leave charging batteries unattended.

1. Connect the USB charging cable to a USB power source (e.g., computer USB port, USB wall adapter).
2. Connect the balance plug (white connector) of the LiPo battery to the charging cable.
3. The indicator light on the charger will show charging status (refer to charger instructions for specific light patterns).
4. Once fully charged, disconnect the battery from the charger.

Note: A 3S charging cable is not included for the 3S LiPo battery. Ensure you have a compatible 3S LiPo balance charger if the provided USB cable does not support 3S charging.

5.2 Installing Vehicle Battery

1. Remove the body shell by detaching the body clips.
2. Locate the battery compartment.
3. Place a charged LiPo battery into the compartment. Secure it using the battery clip or strap.
4. Connect the battery's main power connector (red Deans T-connector) to the vehicle's ESC connector. Ensure correct polarity.
5. Replace the body shell and secure it with the body clips.

5.3 Transmitter Operation

The 2.4GHz remote control transmitter requires 4x AA batteries (not included).

1. Install 4x AA batteries into the transmitter's battery compartment.
2. Turn on the transmitter first, then the vehicle.
3. The transmitter and receiver should automatically bind. If not, refer to the binding instructions in the separate transmitter manual (if provided) or contact support.
4. Familiarize yourself with the steering wheel (left/right) and throttle trigger (forward/reverse/brake).
5. Adjust the steering trim and throttle trim knobs if the vehicle does not drive straight or stops when the trigger is neutral.

6. OPERATION

6.1 Driving Tips

- Start with gentle throttle inputs to get a feel for the vehicle's response.
- Practice steering in open areas before attempting higher speeds or complex maneuvers.
- Avoid prolonged full-throttle operation, especially on rough terrain, to prevent overheating.
- When driving on loose surfaces, be mindful of traction loss and potential rollovers.

6.2 Speed Modes (2S vs 3S LiPo)

The H16BM is capable of different performance levels depending on the battery used:

- **2S LiPo Battery (7.4V):** Provides a balanced performance with speeds up to 45 kph (27+ mph). Recommended for beginners or when operating in smaller areas.
- **3S LiPo Battery (11.1V):** Unlocks the full potential of the brushless system, achieving speeds up to 68 kph (42+ mph). This mode is for experienced users and requires larger operating spaces.

Caution: The 3S LiPo battery significantly increases the vehicle's speed and power. Exercise extreme caution when operating with a 3S battery.

7. MAINTENANCE

Regular maintenance ensures the longevity and performance of your HYPER GO H16BM.

7.1 Cleaning

- After each use, especially in dirty or dusty conditions, clean the vehicle.
- Use a soft brush or compressed air to remove dirt and debris from the chassis, suspension, and motor.
- Avoid using water or harsh chemicals, as they can damage electronics.

7.2 Component Inspection

- Regularly check all screws and fasteners for tightness.
- Inspect the tires for wear and tear.
- Check the suspension components (shocks, arms, pull rods) for damage or bending.
- Ensure the motor and ESC are free from obstructions and debris.
- Lubricate moving parts as needed with RC-specific lubricants.



Image 7.1: An overhead view of the H16BM chassis, revealing the internal components, motor, and ESC. An extra body shell and CVD axles are also shown.

7.3 Battery Care

- Store LiPo batteries in a cool, dry place, away from direct sunlight and heat.
- Do not overcharge or over-discharge LiPo batteries.
- If a battery becomes swollen or damaged, discontinue use immediately and dispose of it safely according to local regulations.
- For long-term storage, charge LiPo batteries to a storage voltage (typically 3.8V per cell).

8. TROUBLESHOOTING

If you encounter issues with your HYPER GO H16BM, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not respond	Low battery in vehicle or transmitter; Not powered on; Not bound.	Charge/replace batteries; Ensure power switches are ON; Re-bind transmitter and receiver.

Problem	Possible Cause	Solution
Reduced speed/power	Low vehicle battery; Motor/ESC overheating; Damaged drivetrain.	Charge battery; Allow components to cool; Inspect gears and axles for damage.
Steering not straight	Steering trim incorrect; Damaged steering components.	Adjust steering trim on transmitter; Inspect servo and linkages.
Vehicle runs erratically	Interference; Loose wiring; Damaged receiver.	Move to an area with less interference; Check all connections; Contact support if receiver is suspected faulty.

If the problem persists after attempting these solutions, please contact HYPER GO customer support.

9. SPECIFICATIONS

Component	Detail
Model	H16BM
Scale	1/16
Motor	2845 4200KV Brushless Motor
ESC	45A Smart ESC (2S/3S compatible)
Drive System	4WD (Four-Wheel Drive)
Top Speed (2S LiPo)	Approx. 45 kph (27+ mph)
Top Speed (3S LiPo)	Approx. 68 kph (42+ mph)
Batteries Included	2 x 2S 7.4V 1050mAh 25C LiPo, 1 x 3S 11.1V 1050mAh 25C LiPo
Remote Control	2.4GHz 3-channel
Shocks	Oil-filled
Chassis	Honeycomb with F/R zinc metal reinforcement

10. WARRANTY AND SUPPORT

HYPER GO products are manufactured to high-quality standards. This product comes with a limited warranty against manufacturing defects from the date of purchase. Please retain your proof of purchase for warranty claims.

The warranty does not cover:

- Damage caused by misuse, abuse, or negligence.
- Damage caused by unauthorized modifications or repairs.
- Normal wear and tear of components.
- Damage caused by accidents or impacts.

For technical support, spare parts, or warranty inquiries, please contact HYPER GO customer service through the retailer where the product was purchased or visit the official HYPER GO website.

HYPER GO Store: [Visit the HYPER GO Store on Amazon](#)

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