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X-TMAGA HS18305

X-TMAGA 1:18 All Terrain RC Car (HS18305) Instruction Manual

Model: HS18305 | Brand: X-TMAGA

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation, maintenance, and troubleshooting of your X-TMAGA 1:18 All Terrain RC Car, model HS18305. Please read this manual thoroughly before first use to ensure proper handling and to maximize your product's lifespan.

The HS18305 is a 1:18 scale, 4-wheel drive (4WD) remote control truck designed for various terrains. It features a brushed 380 motor, capable of speeds up to 40+ KPH, and is equipped with a waterproof Electronic Speed Controller (ESC) for enhanced durability. The vehicle includes a 7.4V 1200mAh lithium battery with a battery management system for safety, and comes with two rechargeable batteries for extended playtime.

2. WHAT'S IN THE BOX

Upon opening the package, verify that all components listed below are present and in good condition:

- 1x X-TMAGA 1:18 All Terrain RC Car (HS18305)
- 1x Remote Control Transmitter (AA batteries not included)
- 2x 7.4V 1200mAh Li-ion Rechargeable Batteries
- 1x USB Charging Cable
- 2x Replaceable Car Shells (Green and Purple)
- 1x Screwdriver
- 4x Fixed Clips
- 1x Instruction Manual



Image: The X-TMAGA 1:18 All Terrain RC Car with its remote control, two rechargeable batteries, a USB charger, a screwdriver, and two car shells (green and purple).

3. SETUP

3.1 Charging the Battery

Before first use, fully charge the included 7.4V 1200mAh Li-ion batteries. The battery management system prevents overcharging, over-discharge, and short circuits, enhancing safety.

1. Connect the battery to the USB charging cable.
2. Plug the USB charging cable into a compatible USB power source (e.g., computer, USB wall adapter).
3. The indicator light on the USB charger will show the charging status (typically red for charging, off or green for fully charged).
4. Charging time is approximately 2-3 hours. Do not leave batteries charging unattended.



Image: A 7.4V 1200mAh Li-ion battery with its connector, ready for charging.

3.2 Installing Batteries in the RC Car

1. Remove the car shell by detaching the fixed clips.
2. Locate the battery compartment.
3. Connect a fully charged battery to the car's power connector.
4. Carefully place the battery inside the compartment and secure it.
5. Reattach the car shell using the fixed clips.

3.3 Installing Batteries in the Remote Control

The remote control requires AA batteries (not included).

1. Open the battery compartment on the back of the remote control.
2. Insert the required AA batteries, ensuring correct polarity.
3. Close the battery compartment.

REMOTE CONTROL

***Rate-Limiting 50%-100% (Friendly To Children)**



Image: The remote control transmitter, showing the steering wheel, throttle trigger, and control buttons for speed and steering trim.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Pairing

1. Turn on the RC car using the switch located on the chassis.
2. Turn on the remote control transmitter.
3. The car and remote control should automatically pair. The indicator light on the remote control will stop flashing and remain solid once paired.
4. When turning on the controller, do not touch the throttle and steering wheel until it is bound to the car.

4.2 Basic Controls

- **Throttle Trigger:** Pull the trigger to move forward. Push the trigger to brake, then push again for reverse.
- **Steering Wheel:** Turn the wheel left or right to steer the car.
- **Speed Adjustment:** Use the SPEED button on the transmitter to adjust the maximum speed (50%-100%). This is

useful for beginners.

- **Steering Trim (ST.TRIM):** Use the ST.TRIM button to fine-tune the steering if the car does not drive straight.

Your browser does not support the video tag.

Video: An official product video demonstrating the X-TMAGA RC car's features and performance on various terrains, including jumps and driving through water.

4.3 Driving Tips

- Ensure the driving area is clear of obstacles and people.
- Start with lower speed settings if you are a beginner.
- The 4WD system and large tires allow for driving on grass, dirt, gravel, and other off-road surfaces.
- The waterproof ESC provides protection against splashes, but avoid submerging the vehicle.
- For optimal performance, ensure batteries are fully charged. Each battery provides approximately 25 minutes of playtime, totaling 50 minutes with both included batteries (depending on operation).

5. MAINTENANCE

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

- After each use, clean the car to remove dirt, dust, and debris.
- Inspect the wheels, suspension, and drivetrain for any damage or loose parts.
- Ensure the metal gears and drive shafts are free from obstructions.
- Store the car and batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Charge batteries regularly, even if not in use, to maintain their health. Do not leave batteries idle for long periods to avoid over-discharging.



Image: An exploded view of the RC car's chassis, highlighting key components like the RC380 motor, metal differential gear, steering servo, waterproof ESC, adjustable strength metal shock absorber, and 7.4V 1200mAh battery.

6. TROUBLESHOOTING

Refer to the table below for common issues and their solutions. If problems persist, contact customer support.

Problem	Possible Cause / Solution
Car stopped working after a few uses	<ul style="list-style-type: none"> • Fully charge battery packs before each use. • Ensure transmitter batteries have sufficient power. • Check if the vehicle can be bound with the transmitter. • Verify no damaged parts in the drive train. • Check if the motor, steering servo, or ESC malfunctioned.

Problem	Possible Cause / Solution
Car won't run and steering won't work	<ul style="list-style-type: none"> • Ensure battery power is sufficient. Check if the ESC indicator light is slowly blinking (low power protection). • Check if drivetrains are not clogged. Ensure no stripped gears, no hoarse noise, no floppy wheels, and no missing drive shafts.
Car does not go straight	<ul style="list-style-type: none"> • Tune the Steering Trim (ST.TRIM) on the transmitter. • Slightly adjust the front wheel to face forward. • Make sure the steering links and steering servo are undamaged. • Ensure tires are properly locked and not wobbling.
Batteries can't take charge	<ul style="list-style-type: none"> • Check if the battery plug (3-wire) has not come off. • Check if the USB charging cable works. • Charge batteries regularly to avoid damage from over-discharging.
Car is out of control or runs itself when switched on	<ul style="list-style-type: none"> • Restart the controller. When turning on the controller, do not touch the throttle and steering wheel until it is bound to the car. • Do not push and pull the trigger back and forth too rapidly. To reverse, center the trigger, then push a second time. • Try re-binding. If the problem still occurs, replace the transmitter and ESC. • Do not move the trigger and steering wheel until the vehicle has been bound with the transmitter.
No signal connection, binding failure	<ul style="list-style-type: none"> • Try with fresh batteries and try in a different place (out of range).
Missing parts	<ul style="list-style-type: none"> • Contact customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	HS18305
Scale	1:18
Drive System	4WD (Four-Wheel Drive)
Motor Type	Brushed 380 Motor (30,000 RPM)
Max Speed	40+ KPH
Battery	2x 7.4V 1200mAh Lithium Polymer (Li-Po) batteries (included)
Playtime	Up to 50 minutes (with 2 batteries, depending on operation)
ESC	Waterproof Electronic Speed Controller (ESC) with multiple protections
Chassis	Shaft Drive 4WD, Engineering Nylon Material, Metal Gears, Metal Drive Shafts

Feature	Detail
Suspension	Double-Wishbone, Adjustable Strength Metal Shock Absorbers
Remote Control Frequency	2.4GHz (anti-interference)
Recommended Age	14 years and up
Product Dimensions	1 x 1 x 1 inches <i>(Note: This dimension may be a placeholder; actual product dimensions for a 1:18 scale RC car are typically larger.)</i>
Item Weight	1 pound
Manufacturer	SHANTOU HOSPEED TOYS FACTORY

8. SAFETY INFORMATION

Please observe the following safety guidelines to prevent injury or damage:

- This product is for external use only.
- Avoid contact with eyes.
- Keep away from naked flames or direct heat sources.
- Do not operate near people, pets, or fragile objects.
- Always supervise children when operating the RC car.
- Ensure the operating area is clear of obstacles.
- Do not modify the product or its components.
- Use only the provided charging cable and batteries.
- If the product is damaged, discontinue use immediately.

9. WARRANTY AND SUPPORT

For any questions, technical support, or warranty claims, please contact X-TMAGA customer service. Refer to your purchase documentation for specific warranty details. For general inquiries, you may contact the seller via Amazon message or technical support email: xtmaga@126.com.

