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Model: H12P | Brand: Fenamx

INTRODUCTION

Thank you for choosing the Fenamx H12P RC Rock Crawler. This 1/12 scale 4WD remote-controlled vehicle is designed for both indoor and outdoor off-road adventures, featuring a durable metal synthesis shell, powerful brushless motor, and advanced 4-channel radio system. Please read this manual thoroughly before operating your RC crawler to ensure safe and optimal performance.

PACKAGE CONTENTS

Before you begin, please verify that all items are present in the package:

- Fenamx H12P RC Rock Crawler
- 4-Channel Remote Control
- Lithium-Ion Polymer Battery (for vehicle)
- AA Batteries (for remote control)
- Screwdriver
- Play Mat
- Instruction Manual (this document)

SETUP GUIDE

1. Battery Installation

Vehicle Battery: The Fenamx H12P RC Crawler uses a Lithium-Ion Polymer battery. Ensure the battery is fully charged before first use. Connect the battery to the vehicle's ESC (Electronic Speed Controller) connector, ensuring correct polarity. Secure the battery within its compartment.

Remote Control Batteries: The remote control requires 1 AA battery (included). Open the battery compartment on the back of the remote control, insert the AA battery, observing the polarity markings, and close the compartment securely.

2. Initial Assembly (if required)

Your Fenamx H12P RC Crawler may require minor assembly. Use the included screwdriver to attach any loose components as indicated in the quick start guide or packaging diagrams. Ensure all screws are tightened securely but do not overtighten.



Image: Overview of the Fenamx H12P's metal components, solid car shell frame, and the T4M remote control layout. This image helps in identifying various parts during assembly and setup.

3. Remote Control Pairing

The 4-channel 2.4GHz remote control is typically pre-paired with the vehicle. If re-pairing is necessary, follow these steps:

1. Ensure both the vehicle and remote control are powered off.
2. Turn on the remote control.
3. Turn on the vehicle. The indicator lights on both devices should show a solid connection once paired.
4. If pairing fails, refer to the troubleshooting section or consult the manufacturer's website for specific pairing instructions.



Image: Key internal components of the Fenamx H12P, including the servo, brushless motor, ESC, waterproof receiver box, and battery. This helps in understanding the vehicle's internal layout during setup and maintenance.

OPERATING INSTRUCTIONS

1. Basic Controls

The 4-channel 2.4GHz remote control provides precise command over your H12P RC Crawler:

- **Steering Wheel:** Controls left and right turns.
- **Throttle Trigger:** Pull to accelerate forward, push to brake/reverse.
- **TH D/R Knob:** Adjusts the maximum throttle speed. Turn this knob to set your desired speed limit.
- **Cruise Control:** Engage for steady driving at a set speed.
- **Brake Function:** Provides enhanced control, especially on inclines or during rapid stops.
- **Light Buttons:** Activates and controls the vehicle's lights.
- **Winch Spot:** Dedicated button/control for an optional winch (sold separately).

2. Driving Environment

The Fenamx H12P is designed for excellent off-road performance and is water-proof, allowing for versatile operation:

- **Off-Road:** Portal axles provide increased ground clearance, while metal oil-filled shocks and metal driveshafts ensure stability and durability over rough terrain.
- **Extreme Angles:** With a 58° front approach angle, 46° rear angle, and 62° breakover angle, the H12P can navigate steep obstacles and deep ruts with ease.
- **Water-Proof:** The vehicle is designed to withstand splashes and wet conditions, but avoid full submersion. Always clean and dry the vehicle thoroughly after operating in wet environments.
- **Towing:** The H12P can tow up to 25KG, making it suitable for pulling small trailers or other objects.



Image: A detailed side view of the Fenamx H12P chassis, showcasing its robust suspension system and portal axles, which contribute to its superior off-road capability.

3. Brushless Motor Performance

The integrated 3650 brushless motor provides efficient and powerful performance. When driving slowly and encountering an obstacle, the ESC (Electronic Speed Controller) intelligently adds power to assist in overcoming it. On flat or snowy surfaces, the vehicle can reach speeds of up to 15 km/h.



Image: The Fenamx H12P RC Crawler in an outdoor setting, demonstrating its operational appearance with lights activated.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Fenamx H12P RC Crawler.

- **Cleaning:** After each use, especially in dirty or wet conditions, clean the vehicle. Use a soft brush or compressed air to remove dirt and debris from the chassis, wheels, and suspension components. For wet conditions, wipe down the vehicle with a dry cloth and allow it to air dry completely before storage.
- **Battery Care:** Always disconnect the battery from the vehicle when not in use. Store batteries in a cool, dry place. Do not overcharge or over-discharge LiPo batteries. Refer to the battery manufacturer's guidelines for proper charging and storage.
- **Inspections:** Periodically inspect all screws, nuts, and connections for tightness. Check the metal driveshafts, oil-filled shocks, and portal axles for any signs of wear or damage. Ensure the steering servo operates smoothly.
- **Metal Synthesis Shell:** The tough full-metal body with a flip-up hood and detailed interior is designed for durability. Inspect for any cracks or damage and repair as needed to maintain structural integrity.

TROUBLESHOOTING

If you encounter issues with your Fenamx H12P RC Crawler, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not respond to remote control.	Low battery in vehicle or remote. Not properly paired. Power switch off.	Charge vehicle battery; replace AA battery in remote. Re-pair remote and vehicle (see Setup Guide). Ensure both vehicle and remote power switches are ON.
Vehicle runs slowly or lacks power.	Low vehicle battery. Motor/drivetrain obstruction. TH D/R knob set too low.	Recharge vehicle battery. Check for debris in wheels or gears. Adjust the TH D/R knob on the remote to increase speed.
Steering is unresponsive or erratic.	Loose steering linkage. Damaged steering servo. Low remote control battery.	Inspect and tighten steering components. Contact support for servo replacement. Replace AA battery in remote.

If the problem persists after attempting these solutions, please contact Fenamx customer support for further assistance.

SPECIFICATIONS

Brand	Fenamx
Model Name	H12P
Scale	1/12
Age Range	Adult (Recommended 15+ years)
Motor Type	3650 Brushless Motor
Max Speed	Up to 15 km/h
Drive System	4WD (Four-Wheel Drive)
Radio System	2.4GHz 4-Channel
Vehicle Battery	Lithium-Ion Polymer (2S 2000MAH)
Remote Battery	1 AA Battery (included)
Material	Plastic (shell), Metal (chassis, driveshafts, shocks, gears)
Dimensions (L x W x H)	25.4 x 20.3 x 15.2 cm (10 x 8 x 6 inches)
Water Resistance	Water-proof (splash resistant)
Towing Capacity	Up to 25 KG
Approach Angle	58° (Front)
Departure Angle	46° (Rear)
Breakover Angle	62°
Included Components	RC Crawler, Remote, Screwdriver, Play Mat

WARRANTY AND SUPPORT

Fenamx is committed to providing high-quality products. While specific warranty details are not included in this manual, please retain your proof of purchase. For any technical support, warranty claims, or inquiries regarding replacement parts, please contact Fenamx customer service through the retailer where the product was purchased or visit the official Fenamx website.

Always refer to the official Fenamx website for the most up-to-date warranty information and support contacts.

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.

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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.

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