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Elecony Stark

Elecony Mountain Bike User Manual

Model: Stark (26-inch/Carbon Steel)
Brand: Elecony

1. Introduction

Welcome to the Elecony Mountain Bike User Manual. This guide provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new mountain bike. Please read this manual thoroughly before using your bicycle to ensure proper function and safety.

Important Safety Information

Always prioritize safety when riding. Failure to follow these instructions could result in serious injury or property damage.

- Always wear a helmet that meets safety standards.
- Perform a pre-ride safety check before each use, including brakes, tires, and all fasteners.
- Ride within your skill level and be aware of your surroundings.
- Obey all traffic laws and regulations.
- Ensure all components are correctly assembled and tightened before riding.

2. Setup and Assembly

Your Elecony Mountain Bike comes 85% pre-assembled. Follow these steps to complete the assembly. For a visual guide, please refer to the official installation video below.

Official Elecony Mountain Bike Installation Video. This video provides a step-by-step guide for assembling your bicycle, from unboxing to final adjustments.

Unboxing and Initial Inspection

Carefully remove the bicycle and all components from the packaging. Inspect for any damage during transit. Keep all packaging materials until assembly is complete and you are satisfied with the product.



The Elecony Mountain Bike, partially unboxed, showing the main frame and wheels.

Step-by-Step Assembly

1. **Install the Handlebar:** Loosen the three screws on the stem cap. Rotate the stem cap to align with the frame and toward the front. Insert the handlebar into the stem and tighten the four screws evenly on both sides to secure it. (Refer to video: 0:28 - 1:52)
2. **Install the Saddle:** Insert the saddle post into the frame's seat tube. Ensure the saddle is not allowed to be higher than the safety line marked on the post. Adjust the saddle height to fit your height and secure it with the quick-release lever. (Refer to video: 1:55 - 2:02)
3. **Install the Front Wheel:** Remove the front fork protector. Remove the cover and the screws on both sides of the front wheel axle. Align the front wheel with the fork, ensuring the disc brake rotor slides into the brake caliper. Tighten both side nuts securely. (Refer to video: 2:07 - 2:58)
4. **Install the Pedals:** Distinguish between the left (L) and right (R) pedals. The left pedal screws counter-clockwise, and the right pedal screws clockwise. Thread each pedal into its corresponding crank arm and tighten firmly with a wrench. (Refer to video: 3:03 - 3:30)
5. **Adjust the Brakes:** Ensure the brake calipers are centered over the disc rotor. Adjust the tension of the brake cables as needed to achieve proper braking response. Test both front and rear brakes for firm and responsive stopping power. (Refer to video: 3:46 - 3:50)

3. Operating Your Mountain Bike

Shifting Gears (Shimano 21-Speed)

Your Elecony Mountain Bike is equipped with a Shimano 21-speed drivetrain for versatile riding across various terrains. Use the shifters on the handlebars to change gears smoothly. Shift to lower gears for climbing hills and

higher gears for flat terrain or downhill riding.



Close-up view of the Shimano 21-speed drivetrain and shifters, designed for smooth and accurate gear changes.

Using Disc Brakes

The bike features mechanical disc brakes for reliable stopping power in various conditions. Squeeze the brake levers gently to slow down and more firmly for quick stops. Apply both front and rear brakes simultaneously for optimal control and stability.



Illustration highlighting the dual disc brakes, emphasizing fast braking and strong heat dissipation.

Suspension System

The front suspension fork absorbs shocks and bumps, providing a smoother and more comfortable ride, especially on uneven terrain. This helps protect your wrists and enhances control.



Diagram showing the thickened front fork design with 100mm suspension length for superior shock absorption.

Tire Performance

The 26-inch wheels are equipped with 2.125-inch wide all-terrain tires, offering excellent traction and flotation. This design provides a sure-footed and stable feel across various surfaces, from trails to city streets.



Visual representation of the 26x2.1 inch all-terrain tires, highlighting their wear-resistant, anti-skid, and strong traction properties for various terrains.

4. Maintenance and Care

Regular maintenance ensures the longevity and safe operation of your Elecony Mountain Bike.

- **Tire Pressure:** Check tire pressure before each ride. Maintain pressure within the range indicated on the tire

sidewall.

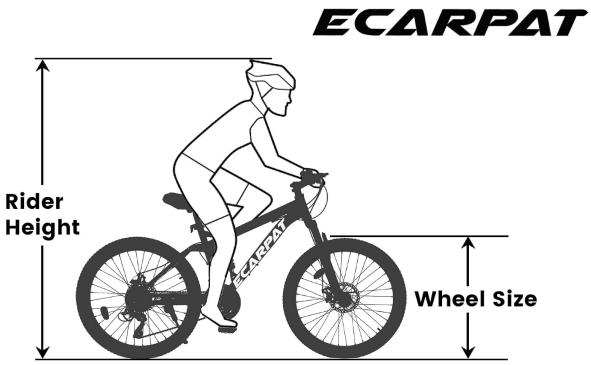
- **Chain Lubrication:** Lubricate the chain regularly, especially after riding in wet or dusty conditions. Wipe off excess lubricant.
- **Brake Inspection:** Periodically check brake pads for wear and replace them when necessary. Ensure brake cables are free of fraying and properly tensioned.
- **Fasteners:** Regularly check all nuts, bolts, and quick-release levers for tightness. Loose components can lead to unsafe riding conditions.
- **Cleaning:** Clean your bike regularly with mild soap and water. Avoid high-pressure washing directly on bearings and seals.

5. Troubleshooting Common Issues

Here are solutions to some common problems you might encounter:

- **Squealing Brakes:** This can be caused by dirty rotors, misaligned calipers, or worn pads. Clean rotors with rubbing alcohol, adjust caliper alignment, or replace pads.
- **Difficulty Shifting Gears:** Check for proper cable tension, ensure the derailleur is aligned, and lubricate the chain.
- **Loose Handlebar/Seat:** Re-tighten the stem bolts or quick-release lever as shown in the assembly section. Ensure the seat post is inserted past the minimum insertion line.
- **Flat Tire:** Inspect the tire for punctures, remove any foreign objects, patch or replace the inner tube, and re-inflate to the recommended pressure.

6. Product Specifications



Wheel Size	Frame Size	For Rider
24	16 inch	4.8'-5'6"
26	17 inch	5'4"-6'2"

Visual size guide for Elecony Mountain Bikes, showing recommended rider heights for different wheel and frame sizes.

Feature	Specification
Bike Type	Mountain Bike
Age Range	Adult
Brand	Elecony
Number of Speeds	21
Color	Black/Blue
Wheel Size	26 Inches
Frame Material	Carbon Steel
Suspension Type	Front
Special Feature	Dual Disc Brake
Size	26-inch/Carbon Steel
Brake Style	Disc
Item Weight	35 Pounds
Maximum Weight Recommendation	300 Pounds
Assembly Required	Yes

7. Warranty and Customer Support

Elecony is committed to providing high-quality products and excellent after-sales service. If you encounter any issues or have questions regarding your mountain bike, please do not hesitate to contact our professional customer service team. We aim to provide 100% satisfaction and will address all inquiries within 24 hours.
For specific warranty details, please refer to the warranty card included with your product or visit the official Elecony website.

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