NARRAK M301

NARRAK Electric Mountain Bike M301 User Manual

Model: M301 | Brand: NARRAK

Introduction

Welcome to the world of advanced mobility with your new NARRAK M301 Electric Mountain Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike. Designed for performance and convenience, the M301 features a powerful motor, a removable battery, and a 7-speed gear system, making it suitable for various terrains and commuting needs. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

Safety Information

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local e-bike regulations and traffic laws. Perform a pre-ride inspection before each use, checking brakes, tires, battery, and all connections. Do not operate the e-bike under the influence of alcohol or drugs. Avoid riding in adverse weather conditions or on excessively rough terrain if you are not experienced.

- Always wear a certified helmet.
- Ensure all bolts and quick releases are securely tightened.
- Check tire pressure before each ride.
- Test brakes to ensure proper function.
- Be aware of your surroundings and ride defensively.
- Do not modify the e-bike's electrical system or components.

Setup and Assembly

Your NARRAK M301 Electric Mountain Bike arrives 95% pre-assembled. The following steps detail the final assembly process. A tool kit is included for your convenience.

Assembly Video Guide

For a visual guide to assembly, please watch the official instruction video below. This video covers unboxing, assembly, and feature introduction for the M301 model.

Official NARRAK M301 Assembly Instruction & Feature Introduction Video. This video demonstrates the complete assembly process from

unboxing to final checks, including handlebar, wheel, pedal, and battery installation, as well as initial display setup.

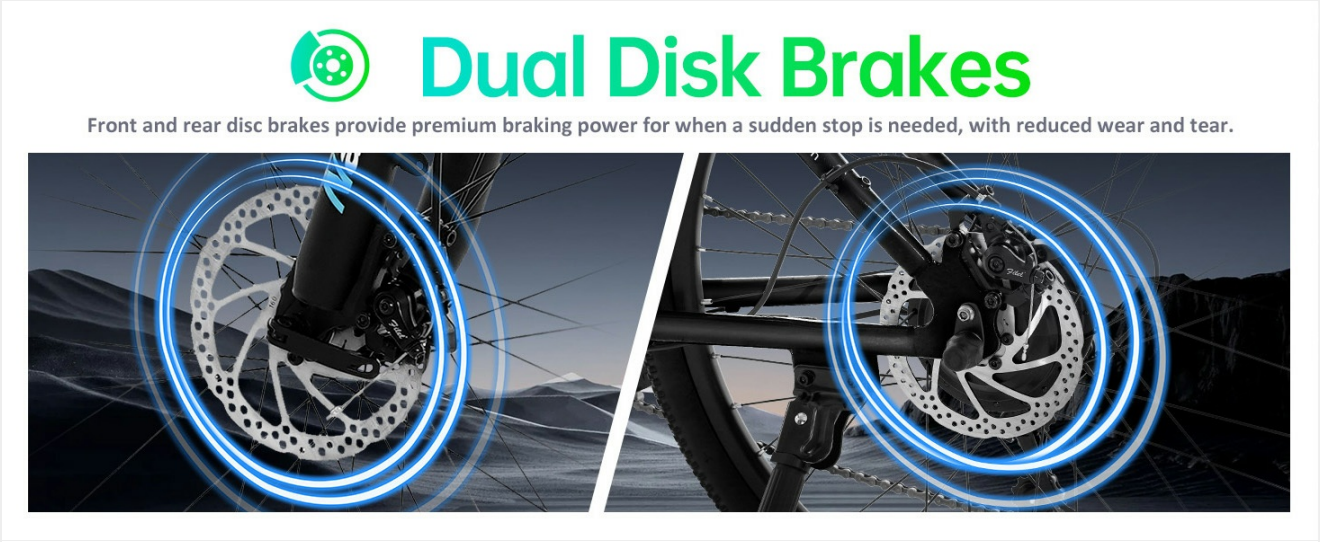
Step-by-Step Assembly

1. **Unboxing and Preparation:** Carefully remove all components from the packaging. Remove all protective wrapping and zip ties. Ensure all parts are present as listed in your packing slip.
2. **Handlebar Installation:** Remove the handlebar cap. Insert the handlebar stem vertically into the bike's head tube. Slightly tighten the screw for preliminary adjustments. Loosen the handlebar screws, adjust the handlebar to your desired angle, and then fully tighten all handlebar screws. **Warning: Require Fully Tightening.**



Image showing the NARRAK M301 Electric Mountain Bike with handlebars installed, ready for further assembly.

3. **Front Wheel Installation:** Remove the support rod from the front fork. Align the front wheel with the fork, ensuring the disc rotor slides into the brake caliper. Install the quick release axle and washers, then tighten the quick release. Ensure the wheel is evenly positioned between the forks. **Warning: In case the quick-release feels loose, tighten the nuts first, then fully tighten the quick release.**



Close-up view of the front wheel assembly, highlighting the disc brake system and fork connection.

4. **Headlight Installation:** Install the front headlight to the front fork using the provided screw. Ensure it is securely fastened and pointed correctly.



Detailed view of the LED headlight mounted on the front fork, providing illumination for night riding.

5. **Saddle and Seat Post Installation:** Insert the seat post with the saddle into the bike's seat tube. Adjust the height to a comfortable riding position and secure it with the quick-release lever.

6. **Pedal Installation:** Identify the left (L) and right (R) pedals. Install the right-side pedal by turning it in a clockwise direction. Install the left-side pedal by turning it in a counter-clockwise direction. Use a wrench to tighten them securely.

7. **Battery Installation:** Remove the keys from the frame. Peel off the protective cover from the battery prongs. Align and install the battery onto the frame, then turn the key to lock the battery securely. Engage the battery's electricity by toggling the On/Off switch to the "On" position.



Image showing the removable battery for the NARRAK electric bike, highlighting its integration into the frame.

8. **Tire Inflation:** Inflate the rear wheel to 36 PSI and the front wheel to 32 PSI. Refer to the tire sidewall for maximum pressure limits.

Operating Instructions

Understanding your e-bike's controls and modes will enhance your riding experience.

Powering On/Off and Display

- **To Power On:** Ensure the battery is locked and switched to "On". Hold the 'Display Power' switch on the handlebar for 3 seconds to activate the display.
- **To Power Off:** Press the 'Display Power' switch for 3 seconds to turn off the display.
- **Headlight Activation:** Hold the 'UP' switch on the display for 3 seconds to activate the headlight.

The intuitive LCD screen displays vital information such as speed, battery level, and assist level, allowing for effortless ride tracking.



The M5 LCD display provides real-time information including battery level, pedal assist levels (1-5), speed, and odometer readings.

Riding Modes

Your NARRAK M301 offers four distinct riding modes:

- **Throttle Mode:** Ride using only the motor, controlled by a simple twist of the throttle.
- **PAS (Pedal Assist System) Mode (1-5 levels):** The motor assists your pedaling with a moderate power boost. Choose from 5 levels of assistance.
- **Pedal Mode:** Functions like a traditional bicycle, with no motor assistance.
- **Walk Mode:** Long press the "-" button to activate boost mode for easy pushing while walking.

Gear Shifting and Braking

- **7-Speed Gear System:** The 7-speed gear shifter allows you to change gears for adapting to different terrains on demand.
- **Braking:** Equipped with top-notch front and rear disc brakes, the bike ensures reliable all-weather stopping power. Apply both brakes simultaneously for effective stopping.

Maintenance

Regular maintenance ensures the longevity and safe operation of your e-bike.

Battery Care and Charging

- **Charging:** Plug the charger into the battery's charging port, then connect the charger to a power source. The charger indicator will show red during charging and turn green when fully charged.
- **Battery Range:** A robust 374Wh/10.4Ah battery provides a range of 25-35 miles (in pedal assist mode) on a single charge.
- **Storage:** Store the battery in a cool, dry place. Avoid extreme temperatures.

Tire Maintenance

- **Pressure:** Regularly check and maintain tire pressure. Recommended pressure is 32 PSI for the front and 36 PSI for the rear.
- **Inspection:** Inspect tires for wear, cuts, or punctures before each ride.

Brake System Check

- **Functionality:** Ensure both front and rear brakes engage smoothly and effectively.
- **Pads:** Check brake pads for wear and replace them if necessary.

General Care

- **Cleaning:** Clean your e-bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Lubrication:** Lubricate the chain and moving parts as needed.

Troubleshooting

This section addresses common issues you might encounter with your NARRAK M301 e-bike.

Problem	Possible Cause	Solution
E-bike does not power on.	Battery is off or not properly installed; battery is depleted; display cable is loose.	Ensure battery is switched "On" and locked. Check battery charge level. Verify all display cables are securely connected.
Motor is not assisting.	PAS level is set to 0; battery is low; motor cable is loose; brake levers are engaged.	Increase PAS level. Check battery charge. Inspect motor cable connections. Ensure brake levers are fully released.
Brakes feel weak or noisy.	Brake pads are worn; disc rotor is dirty or bent; brake cable needs adjustment.	Inspect and replace worn brake pads. Clean disc rotors. Adjust brake cable tension.
Tires frequently lose air.	Puncture in inner tube; valve stem issue; improper tire seating.	Inspect tires for punctures and repair/replace inner tube. Check valve stem for leaks. Ensure tire is properly seated on the rim.

If you encounter issues not listed here or require further assistance, please contact NARRAK customer support.

Specifications

Key technical specifications for the NARRAK M301 Electric Mountain Bike.

Feature	Detail
Bike Type	Electric Bike
Model Name	M301
Age Range	Adult
Motor	750W (peak 1100W) Brushless Hub Motor
Battery	374Wh/10.4Ah Removable Lithium Battery (48V 10.4Ah in description, 499 Watt Hours in specs, using 374Wh/10.4Ah from feature bullets for consistency with other data)
Max Speed	Up to 26 MPH
Range	30+ miles (Pedal Assist Mode)
Number of Speeds	7
Wheel Size	26 Inches
Tires	26" x 2.125" Wider Tires
Frame Material	Carbon Steel
Suspension Type	Front (Lockable and Adjustable Double Shoulder Front Suspension Downhill Fork)
Brake Style	Disc (Front and Rear)
Display	LCD-Display (Speed, Battery Level, Assist Level)
Electric Assist Type	Pedal Assist
Load Capacity	290 LBS
Included Components	Tool Kit

Warranty and Support

NARRAK is committed to providing quality products and excellent customer service.

Warranty Information

Your NARRAK Electric bike is supported by a **12-month warranty**. This warranty covers manufacturing defects and ensures your product performs as expected. Please refer to your purchase documentation for specific terms and conditions.

Customer Support

For any questions, technical assistance, or warranty claims, please contact our dedicated U.S.-based customer service team:

- **Phone:** +1 626-328-6000
- **Business Hours:** Monday to Friday, 9:00 AM - 7:00 PM PST

Our expert service team is adept at handling both pre- and post-sale inquiries. We strive to provide outstanding support and ensure your complete satisfaction with our products.

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