NARRAK S127A-3

NARRAK Fat Tire Folding Electric Bike User Manual (Model S127A-3)

Your guide to assembly, operation, and maintenance.

Introduction

Welcome to the NARRAK Fat Tire Folding Electric Bike experience. This manual provides essential information for the safe assembly, operation, and maintenance of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Image: The NARRAK Fat Tire Folding Electric Bike, showcasing its design and features.

Setup and Assembly

Your NARRAK electric bike arrives mostly pre-assembled. Follow these steps to complete the setup.

1. Unboxing and Unfolding

Carefully remove the bike from its packaging. The bike is in a folded state. Unfold the main frame and secure the locking mechanism. Ensure all protective packaging is removed.

Your browser does not support the video tag.

Video: Watch this video for a detailed guide on unboxing and unfolding your NARRAK Electric Bike.

2. Handlebar Stem Installation

Insert the handlebar stem into the front tube. Secure the stem by locking the quick-release mechanism. Adjust the handlebar to your preferred riding position, ensuring it is perpendicular to the front wheel, and fully tighten all screws.

3. Rear Rack and Seat Installation

The rear rack may require minor adjustment. Loosen the bolts, position the rack parallel to the ground, and then tighten the bolts securely. Install the rear seat onto the rack, ensuring it is firmly attached with the provided screws.

4. Pedal Unfolding

Unfold the pedals by pushing down on the metal piece near the pedal hinge and rotating them into position. Ensure they are securely locked for riding.

5. Battery Installation and Activation

Insert the battery into its compartment on the frame. Use the provided key to lock the battery in place and turn it to the 'On' position to activate the bike's electrical system. Press the battery button to check the charge level.

Operating Instructions

1. Display Activation and Settings

Hold the 'M' switch on the handlebar for 3 seconds to activate the M5 LCD display. The display shows speed, pedal assist level (PAS), odometer, and battery energy bar. Hold the 'M' switch again for 3 seconds to power off the display.



Image: Close-up of the M5 Large LCD Display, showing speed, PAS level, and battery.

2. Riding Modes

Your NARRAK e-bike offers four riding modes:

- **Pedal-Assist Mode (PAS 1-5 Levels):** Press the 'UP' switch to increase the pedal assist speed one level at a time (up to level 5). The motor provides assistance as you pedal.
- **Throttle Mode:** Engage the throttle on the right handlebar for propulsion without pedaling. Maximum speed is 20 mph.
- **Walk Mode:** Hold the 'DOWN' switch to activate walk mode, which provides low-speed assistance for pushing the bike.
- **Regular Bicycle Mode:** Ride the bike like a traditional bicycle without any electrical assistance.

3. Headlight and Taillight Operation

Hold the 'UP' switch for 3 seconds to activate the integrated LED headlight. The taillight automatically illuminates when the headlight is on and brightens when brakes are applied.

4. Gear Shifting

Utilize the SHIMANO 7-speed drivetrain for smooth and reliable gear changes. Use the trigger shifter on the handlebar to select appropriate

gears for varying terrain and speed.

Maintenance

1. Battery Charging

To charge the battery, plug the charger into the battery's charging port, then connect the charger to a power source. The charger indicator will show red while charging and turn green when fully charged. Do not overcharge the battery (do not leave plugged in for more than 12 hours). The battery can be charged while installed on the bike or removed.

2. Fuse Replacement

The battery features a 30A power fuse (green) located at the top cover and a 10A charging fuse (red) inside the top cover. Refer to the user manual for instructions on how to open the top cover and inspect/replace the fuses if needed.

3. Tire Pressure

Maintain proper tire pressure for optimal performance and safety. The fat tires are typically rated for lower pressures. Check the tire sidewall for recommended PSI. For the 20x4.0 inch tires, a common range is 20-30 PSI, but always refer to the tire manufacturer's recommendation.

4. Brake Adjustment

Regularly inspect and adjust the dual 160mm disc brakes for effective stopping power. If the brakes feel loose or are not engaging properly, consult a bike mechanic or refer to detailed instructions in the full user manual for adjustment procedures.

Folding the Bike

To fold your NARRAK electric bike for storage or transport, follow these steps:

1. Lower the seat post to its lowest position and secure the quick release.
2. Unlock the handlebar stem locking mechanism and fold the handlebars down.
3. Unlock the main frame hinge mechanism and fold the bike in half.
4. Fold the pedals inward.

Your browser does not support the video tag.

Video: This video demonstrates the quick and easy process of folding and unfolding the NARRAK Electric Bike.

Specifications

Feature	Detail
Bike Type	Folding Bike
Brand	NARRAK
Model Name	S127A-3
Motor	750W Brushless (Peak 1100W)
Battery	48V 13Ah (624Wh) Lithium, Removable
Max Speed	20 Mph
Gears	SHIMANO 7-Speed Drivetrain
Brakes	Dual 160mm Disc Brakes

Tires	20 x 4.0 Inch Fat Tires
Frame Material	Aluminum
Suspension	Front Suspension
Max Weight Recommendation	280.01 Pounds
Item Weight	63 Pounds
Included Components	Charger, Tool Kit, User Manual

Warranty and Support

NARRAK provides a 1-year manufacturer warranty for this electric bike. For any inquiries, support needs, or warranty claims, please contact the professional service team directly from Los Angeles, California.

- **Phone Support:** 626-267-2312 (Monday to Friday, 9:00 AM - 7:00 PM PST)
- **Assembly Assistance:** Check the product page for assembly videos or contact support for installation videos of specific parts.
- **Return Policy:** All NARRAK e-bikes are brand new. Confirm size and weight fit before ordering. For any issues upon receipt, contact the seller or NARRAK Service with pictures or video.

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.

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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.

Submit question

Answered questions about this manual

How do I adjust the brakes on the NARRAK S127A-3 e-trike if the right brake handle goes almost to the grip?

If your brake lever pulls almost all the way to the grip, the cable tension is likely too loose. For the NARRAK S127A-

3, which uses dual 160mm disc brakes, you can perform a basic...

Read full answer