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› JANSNO Electric Bicycle X50 User Manual

JANSNO X50

JANSNO Electric Bicycle X50 User Manual

Comprehensive Guide for Your JANSNO Electric Fat Tire Bike

1. INTRODUCTION TO YOUR JANSNO X50 ELECTRIC BICYCLE

The JANSNO X50 is a robust electric bicycle designed for versatile riding, featuring 20" x 4.0 fat tires, a 7-speed gear system, and mechanical disc brakes. It is equipped with a powerful motor and a removable 48V 14/17Ah battery, offering multiple riding modes to suit various terrains and preferences. This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your electric bicycle.



Figure 1.1: Overview of the JANSNO X50 Electric Bicycle, showcasing its fat tires and sturdy frame.

2. SETUP AND INITIAL ASSEMBLY

Your JANSNO X50 electric bicycle arrives 85% pre-assembled. The remaining assembly steps are straightforward and typically take about 15 minutes. Please follow these instructions carefully for proper setup.

2.1 Unpacking and Component Identification

Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present. The package includes a screwdriver for assembly.

2.2 Assembly Steps

1. **Handlebar Installation:** Attach the handlebars securely to the stem. Ensure they are centered and tightened to

prevent rotation during riding.

2. **Front Wheel Attachment:** Install the front wheel. This step may require careful alignment of the disc brake rotor with the caliper.
3. **Light Installation:** Mount the front and rear lights as per the design.
4. **Pedal Attachment:** Screw the pedals into the crank arms. Note that pedals are typically marked 'L' for left and 'R' for right, and the left pedal has a reverse thread.

For visual guidance, an installation video is available if you encounter difficulties during assembly.



Figure 2.1: Illustration of key assembly points for the JANSNO X50, including handlebar, front wheel, and pedal installation.

2.3 Initial Battery Charging

Before your first ride, fully charge the removable 48V 14/17Ah lithium battery. The battery can be charged while installed on the bike or removed for convenience. A full charge typically provides a range of 20-40 miles (approximately 32-64 km), depending on riding conditions and mode.



48V 14Ah

Large Capacity Removabel LG Battery



Figure 2.2: The removable 48V 14Ah battery, designed for easy charging on or off the bicycle.

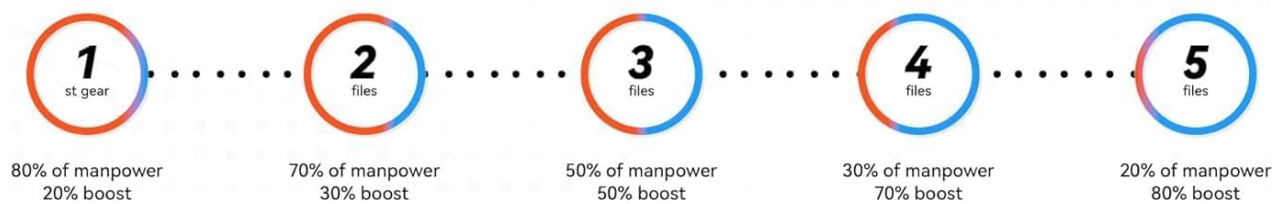
3. OPERATING YOUR JANSNO X50

The JANSNO X50 offers three distinct riding modes, allowing you to customize your experience based on terrain and desired effort level.

3.1 Riding Modes

- **Pedal Mode:** Operate the bicycle like a traditional bike, using only pedal power. The motor is disengaged in this mode.
- **Pedal Assist Mode:** The motor provides assistance as you pedal, offering a boost to your natural pedaling effort. The level of assistance can typically be adjusted via the control panel.
- **Full Electric Mode:** Engage the throttle to power the bicycle solely with the motor, without needing to pedal. This mode provides the full electric experience.

Five-speed Boost



Three Modes Of Riding



Human Riding Mode

Turn off the power or 0 gear, riding sports



Start The Electric Mode

Turn off the power supply 1-5 flie twisting the turn to pure electric riding



Intelligent Power-assisted Mode

Turn off the power select the gear, riding intelligent power intervention

Figure 3.1: Visual representation of the three available riding modes for the JANSNO X50 electric bicycle.

3.2 Speed and Control

The JANSNO X50 is equipped with a 250-watt brushless motor, capable of reaching speeds up to 25 km/h (15.5 mph). The bicycle features a control display on the handlebars that shows speed, distance traveled, and other essential information. This display also allows for adjustment of power settings and monitoring of battery life.



Figure 3.2: The handlebar-mounted digital display provides real-time riding data and control options.

The 7-speed Shimano gear system allows for smooth transitions and adaptation to various inclines and speeds. Use the shifter to select the appropriate gear for your riding conditions.



Figure 3.3: The Shimano 7-speed shifter for precise gear changes.

4. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and optimal performance of your JANSNO X50 electric bicycle.

4.1 Battery Care

- Charge the battery regularly, even if the bike is not in frequent use, to maintain battery health.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- Always use the original charger provided with the bicycle.

4.2 Tire Maintenance

The 20" x 4.0 fat tires are designed for durability and traction across various surfaces, including snow, sand, and dirt roads. Regularly check tire pressure and inspect for any signs of wear or damage. Maintain proper inflation as indicated on the tire sidewall for optimal performance and safety.

Dual Suspension 20" Fat-tire

All-terrain ready shock absorption system



Figure 4.1: The 20" x 4.0 fat tire with dual suspension, designed for all-terrain readiness and shock absorption.

4.3 Brake System

The JANSNO X50 is equipped with mechanical disc brakes on both the front and rear wheels, providing reliable stopping power. Regularly inspect the brake pads for wear and replace them when necessary. Ensure brake levers are properly adjusted and responsive.



Figure 4.2: Detail of the front mechanical disc brake system.



Figure 4.3: Detail of the rear mechanical disc brake and motor assembly.

4.4 General Cleaning and Inspection

- Keep the bicycle clean, especially after riding in wet or muddy conditions. Use a damp cloth and mild soap.
- Periodically check all bolts and fasteners to ensure they are tight.
- Lubricate the chain regularly to ensure smooth operation and prevent rust.

5. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues you might encounter with your JANSNO X50 electric bicycle.

Problem	Possible Cause	Solution
Bicycle not reaching expected speed (e.g., stuck at 25 km/h)	Speed limit engaged (factory setting for EU policy)	A tutorial is available to unlock the speed limit. Please note that 25 km/h is recommended based on European policy requirements.

Problem	Possible Cause	Solution
Difficulty with assembly (e.g., front wheel, pedals)	Unfamiliarity with assembly steps	Refer to the installation video for detailed visual instructions. Ensure all parts are correctly oriented.
Chain coming off or gears not shifting smoothly	Misaligned derailleur, worn chain, or poor gear adjustment	Inspect the chain for damage and ensure it is properly lubricated. Check derailleur alignment. If issues persist, professional adjustment is recommended.
Squeaking noises during operation	Lack of lubrication, loose components, or brake rub	Lubricate all moving parts, especially the chain and pivot points. Check for any loose bolts or components. Ensure brake pads are not rubbing against the rotor when not engaged.
Braking performance feels inadequate	Worn brake pads, misaligned calipers, or cable tension issues	Inspect brake pads for wear and replace if necessary. Check caliper alignment and ensure proper cable tension. For optimal safety, consider professional inspection or upgrade if performance remains unsatisfactory.

6. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	X50
Product Dimensions (L x W x H)	167.64 x 68.58 x 111.76 cm (66 x 27 x 44 inches)
Package Dimensions (L x W x H)	142 x 28 x 88 cm (55.9 x 11 x 34.6 inches)
Recommended Age	Adults
Bicycle Type	Electric Bicycle
Color	Dark Silver (X50 14Ah variant)
Frame Material	High-carbon steel
Number of Speeds	7
Power Source	Electric
Motor Wattage	250 watts
Features	Lightweight, Removable Battery
Usage Type	Off-road, Road Riding

Feature	Detail
Suspension Type	Rear Suspension (Dual Suspension with front fork)
Wheel Size	20 Inches (Fat Tire 20" x 4.0)
Battery	48V 14Ah / 17Ah Lithium (Removable)
Estimated Range	20-40 miles (32-64 km) per charge
Product Weight (with packaging)	40 kg (88 lbs)
Max Load Capacity	330 lbs
Recommended Rider Height	5'3" - 7'3"
Included Components	Screwdriver

Reference Dimensions



 **5'3"-7'3"**
Recommended Height

 **82LBS**
Ebike Weight

 **330LBS**
Max.Load

7. WARRANTY AND SUPPORT

JANSNO is committed to providing high-quality products and excellent customer service.

7.1 Warranty Information

Your JANSNO X50 electric bicycle comes with a **1-year warranty**. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

Should you encounter any problems or have questions regarding your JANSNO X50, our professional customer service team is available 24 hours a day to assist you. Please contact us through the official JANSNO support channels for prompt assistance.

JANSNO maintains warehouses across Europe, ensuring efficient delivery and support for our customers.

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