

JANSNO X50

JANSNO X50 Electric Bike User Manual

Model: X50 | Brand: JANSNO

1. INTRODUCTION

This user manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your JANSNO X50 Electric Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your e-bike.

2. SAFETY INFORMATION

Always prioritize safety when operating your electric bike. Adhere to local traffic laws and regulations. Wear a helmet and appropriate safety gear at all times. Ensure all components are securely fastened before each ride.

- Regularly check tire pressure, brake function, and battery charge level.
- Do not operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and potential hazards, especially in traffic.
- Avoid riding in extreme weather conditions or on unsafe terrains.
- Ensure the battery is securely locked in place before riding.

3. PRODUCT OVERVIEW

The JANSNO X50 is a robust 20" x 4.0 electric bike designed for adults, featuring a powerful motor and a long-lasting removable battery. It is built for versatility across various terrains, from urban commuting to off-road adventures.



The JANSNO X50 Electric Bike, showcasing its overall design with fat tires, sturdy frame, and integrated headlight. This view highlights the bike's readiness for diverse environments.



A detailed view of the 1000W brushless motor, emphasizing its power output, max speed of 31 MPH, 85Nm torque, and ability to climb 30° inclines. This motor provides robust performance for various riding conditions.



Close-up of the 48V 672Wh high energy-ratio lithium battery. Key features include its removable design, UL 2849 certification for safety, BMS intelligent safety system, and overcharge protection.



Illustration of the high-performance full suspension system, highlighting both front fork and rear shock absorption. This design ensures a smoother, more stable ride and enhanced handling over uneven terrain.

4. SETUP

Your JANSNO X50 Electric Bike arrives approximately 90% pre-assembled. Follow these steps for final assembly and preparation for your first ride.

4.1 Unboxing and Initial Inspection

1. Carefully remove the bike and all packaged components from the box.
2. Inspect the bike and all parts for any signs of shipping damage. If damage is found, contact customer support immediately.

3. Verify that all included components are present by checking against the packing list. A toolkit is provided for assembly.

4.2 Assembly Steps

1. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely with the provided bolts.
2. **Front Wheel Installation:** Install the front wheel, making sure the disc brake rotor is correctly seated within the brake caliper. Secure the wheel axle firmly.
3. **Pedal Installation:** Identify the left (marked 'L') and right (marked 'R') pedals. The left pedal is reverse-threaded. Carefully thread each pedal into its corresponding crank arm and tighten firmly using a wrench.
4. **Seat Post and Saddle Adjustment:** Insert the seat post into the frame. Adjust the saddle height to ensure a comfortable and safe riding position, then secure it with the quick-release lever.
5. **Battery Installation:** Insert the 48V 14Ah removable battery into its designated compartment on the frame. Ensure it clicks securely into place and is locked with the key.
6. **Pre-Ride Checks:** Before your first ride, perform a comprehensive check of all assembled parts. Ensure all bolts, nuts, and quick-release levers are tight. Verify tire pressure is within the recommended range and test both front and rear brakes for proper function.

For a visual guide to the assembly process, please refer to the official JANSNO assembly video, typically available on the product's online listing or the manufacturer's website. This video provides step-by-step instructions for a smooth setup.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- To power on the bike, insert the key into the ignition and turn it to the "ON" position. Then, press and hold the power button on the smart display until it illuminates.
- To power off, press and hold the power button on the display until it shuts down. Turn the key to the "OFF" position and remove it for security.

5.2 Riding Modes

The JANSNO X50 offers versatile riding experiences with three distinct modes:

1. **Pure Electric Mode:** Engage the throttle for motor-only propulsion. This mode is ideal for effortless cruising without pedaling.
2. **Pedal Assist System (PAS) Mode:** The motor provides assistance as you pedal. There are 5 adjustable PAS levels, allowing you to control the amount of motor support. Select higher levels for more assistance on inclines or for faster speeds.
3. **Normal Bicycle Mode:** Ride without any motor assistance, functioning as a traditional bicycle. This mode is useful for exercise or when the battery is depleted.

5.3 Smart Display Functions

The high-definition smart display provides crucial real-time information for your ride:

- **Speed:** Displays your current riding speed, and can often show average or maximum speed.
- **Battery Level:** Indicates the remaining battery power, typically shown in bars or as a percentage.
- **Distance:** Tracks your cycling mileage (odometer) for trip planning and maintenance tracking.
- **PAS Level:** Shows the currently selected pedal assist setting (1-5).

- The display brightness is adjustable, ensuring clear readability in various lighting conditions, including bright daylight and at night.



The smart display unit, showing its interface with speed, battery level, and odometer readings. This display is central to monitoring your ride and adjusting pedal assist settings.

5.4 Gear Shifting

The 7-speed transmission allows you to optimize your pedaling effort for different terrains and speeds. Shift gears smoothly by pedaling lightly while operating the shifter. Downshift for climbing hills and upshift for flat terrain or descents.

6. BATTERY AND CHARGING

The 48V 14Ah (672Wh) removable battery is the power source for your JANSNO X50. Proper charging and care are essential for battery longevity and safety.

- Charge the battery using only the original charger provided by JANSNO. Using unauthorized chargers can damage the battery and void your warranty.
- Charge the battery in a well-ventilated area, away from direct sunlight, heat sources, and flammable materials.
- Do not cover the charger or battery during charging to prevent overheating.
- Disconnect the charger once the battery is fully charged. Avoid overcharging.
- If storing the bike or battery for extended periods, charge the battery to approximately 50-70% and store it in a cool, dry place. Recharge it every 1-2 months to maintain battery health.
- The battery is UL Certified, indicating it meets specific safety standards.



An illustration showing the internal structure of the 48V 672Wh battery, highlighting its high energy capacity and efficient design for extended range and reliable power delivery.

7. MAINTENANCE

Regular maintenance is crucial for the safe, efficient, and long-lasting operation of your JANSNO X50 Electric Bike.

7.1 Daily Checks (Before Each Ride)

- **Tires:** Check tire pressure. Ensure tires are inflated to the recommended PSI (found on the tire sidewall). Inspect for any cuts, punctures, or excessive wear.
- **Brakes:** Squeeze both brake levers to ensure they are firm and responsive. Check that brake pads are not excessively worn and that rotors are clean.
- **Fasteners:** Quickly check all visible nuts, bolts, and quick releases (e.g., seat post, wheels, handlebars) to ensure they are tight and secure.
- **Battery:** Confirm the battery is fully charged and securely locked into its compartment.

7.2 Periodic Maintenance (Monthly/Quarterly)

- **Chain:** Clean and lubricate the chain regularly (e.g., every 100-200 miles or monthly, depending on use and conditions) to prevent rust and ensure smooth gear changes.
- **Brake System:** Inspect brake cables and housing for wear or fraying. Adjust brake tension as needed. For hydraulic brakes, check fluid levels and consider professional bleeding if performance degrades.
- **Suspension:** Clean the stanchions of the front fork and rear shock. Inspect for any leaks or damage.
- **Electrical Connections:** Periodically check all visible electrical connections for corrosion or looseness. Ensure they are clean and dry.
- **General Cleaning:** Clean the bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components, bearings, or seals.



A close-up image of the disc brake system, illustrating the importance of regular inspection and maintenance of brake pads and rotors for optimal braking performance and rider safety.



An image highlighting the front fork and rear suspension components, emphasizing the need for periodic cleaning and inspection to ensure smooth operation and rider comfort over varied terrains.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your JANSNO X50 Electric Bike and provides potential solutions.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged, battery not properly seated/locked, power button not pressed correctly, key not in "ON" position.	Charge battery fully. Ensure battery is fully inserted and locked. Press power button firmly. Turn key to "ON" position.
Motor not assisting.	PAS level set to 0, battery low, brake levers engaged (safety cut-off), motor connection loose, display error code.	Increase PAS level. Charge battery. Release brake levers completely. Check motor cable connection. Consult manual for error codes.
Brakes feel weak or noisy.	Worn brake pads, misaligned caliper, dirty rotors, air in hydraulic system (if applicable).	Inspect and replace worn brake pads. Adjust caliper alignment. Clean rotors with disc brake cleaner. For hydraulic brakes, professional service may be required to bleed the system.
Gears not shifting smoothly.	Derailleur out of adjustment, dirty/dry chain, bent derailleur hanger, worn shift cable.	Adjust derailleur limits and cable tension. Clean and lubricate chain. Inspect derailleur hanger for damage. Replace worn shift cables.
Battery overheating during charging.	Faulty charger, faulty battery, poor ventilation, charging in direct sunlight.	Immediately unplug the charger. Ensure proper ventilation. Discontinue use and contact customer support for charger/battery inspection and replacement if necessary.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact JANSNO customer support for further assistance.

9. SPECIFICATIONS

Detailed technical specifications for the JANSNO X50 Electric Bike.

Feature	Detail
Model	X50
Motor	750W Brushless Motor (Note: Some marketing materials may state 1000W peak power)
Battery	48V 14Ah (672Wh) Removable Lithium Battery, UL Certified
Max Speed	Up to 31 mph (approximately 50 km/h). <i>Note: The original speed is locked at 25 km/h. Contact JANSNO for instructions to lift the speed limit.</i>
Range	Up to 60 miles (Pedal Assist), 35 km (Pure Electric)
Charging Time	4-6 hours
Transmission	7-Speed
Wheel Size	20 Inches (20" x 4.0 Fat Tires)

Feature	Detail
Brake Type	Disc Brakes
Suspension	Rear Suspension (Full suspension implied by images and features)
Frame Material	Carbon Steel
Item Weight	40 kg
Product Dimensions	167.64 x 68.58 x 111.76 cm
Included Components	Toolkit

10. WARRANTY AND SUPPORT

JANSNO is committed to providing quality products and customer support. If you have any questions, require assistance with assembly, operation, or need troubleshooting help, please contact JANSNO customer service.

- For warranty claims or technical support, refer to your purchase documentation or contact JANSNO directly.
- Customer Service Email:** lincong2609@gmail.com
- JANSNO aims to provide prompt and helpful assistance for all inquiries.

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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

Answered questions about this manual

Why did the turn signals on my JANSNO X50 electric bike stop making a sound?

The JANSNO X50 manual does not explicitly mention a setting to toggle turn signal sounds on or off. If your turn signals (arrows) were previously making a sound and have stopped, it usually indicates...

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