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MACFOX X1S

MACFOX X1S Electric Bike User Manual

Model: X1S | Brand: MACFOX

1. INTRODUCTION

This manual provides essential information for the safe assembly, operation, and maintenance of your MACFOX X1S Electric Bike. Please read this manual thoroughly before using your electric bike to ensure optimal performance and safety.

The MACFOX X1S is a 20" fat tire electric bicycle featuring a 500W motor, 48V/10.4Ah removable battery, and a retro motorcycle design, capable of reaching speeds up to 20MPH and a range of 40 miles.

2. SAFETY INFORMATION

- Always wear a helmet and appropriate safety gear when riding.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, and battery level.
- Familiarize yourself with local traffic laws and regulations for electric bikes.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Ensure all bolts and fasteners are securely tightened before riding, especially after assembly.

3. WHAT'S IN THE BOX

Upon unboxing your MACFOX X1S Electric Bike, you should find the following components:

- MACFOX X1S Electric Bike (partially assembled)
- Removable Battery
- Charger
- Pedals
- Front Fender
- Headlight
- Seat and Seatpost
- Rear Rack
- Kickstand
- User Manual (this document)
- Tool Kit

Image: Unboxing the electric bike and laying out its components.

4. ASSEMBLY

The MACFOX X1S Electric Bike comes 85% pre-assembled. Follow these steps to complete the assembly:

1. **Unpack the Bike:** Carefully remove the bike and all components from the packaging.
2. **Install the Handlebar:** Insert the handlebar stem into the fork tube and secure it with the quick-release lever. Ensure the handlebars are aligned with the front wheel. Tighten the screws on the handlebar stem securely.
3. **Attach the Kickstand:** Mount the kickstand to the designated area on the bike frame and tighten the bolts.
4. **Install the Rear Rack:** Secure the rear rack to the frame using the provided bolts. Ensure it is stable and properly aligned.
5. **Attach the Pedals:** Identify the left (L) and right (R) pedals. Thread the left pedal counter-clockwise and the right pedal clockwise into the crank arms. Tighten them firmly with a wrench.
6. **Mount the Front Fender:** Attach the front fender to the front fork using the provided hardware.
7. **Install the Headlight:** Secure the headlight to the front fork or handlebar area. Connect the headlight cable to the main wiring harness.
8. **Install the Front Wheel:** Carefully place the front wheel into the fork dropouts, ensuring the brake rotor is correctly seated within the brake caliper. Secure the wheel with the axle nuts.
9. **Insert the Seatpost:** Insert the seatpost with the saddle into the seat tube. Adjust the height for comfortable riding and secure it with the quick-release clamp.
10. **Connect Battery:** Ensure the battery is securely inserted into its compartment and locked with the key. Connect any visible battery cables if they are not pre-connected.
11. **Final Checks:** Double-check all connections, bolts, and quick releases for tightness. Ensure brakes are functioning correctly and tires are inflated to the recommended pressure.

Your browser does not support the video tag.

Video: Detailed assembly instructions for an electric bike, covering unpacking, handlebar, kickstand, rear rack, pedals, fenders,

5. FEATURES AND COMPONENTS

5.1. Moped Style Design

The MACFOX X1S features a unique retro motorcycle design, offering both style and comfort for city commuting and leisurely rides.



Image: The MACFOX X1S Electric Bike showcasing its distinctive moped-style frame and purple accents.

5.2. Powerful Motor

Equipped with a 500W high-octane brushless motor, peaking at 750W output, and 50 Newton meters of torque, the MACFOX X1S provides strong power for various terrains and speeds.

STRONG POWER



500W
POWER

40M
MAX RANGE

25MI/H
MAX SPEED

50N.M
TORQUE

Image: An illuminated diagram of the electric bike's rear hub motor, detailing its power, range, speed, and torque capabilities.

5.3. Removable Battery

The unique lithium battery is both removable and expandable. A single battery offers up to 38 miles at max speed, with an option for a double power-pack extending the range to 76 miles.



Illuminate Your Journey

Light up your rides with the MACFOX-X1S's futuristic front light. Stay visible and cool, whether city cruising or trailblazing!

Image: The large capacity removable battery integrated into the frame of the MACFOX X1S electric bike.

5.4. Fat Tires

The 20" x 4.0" CST fat tires provide strong grip and traction, making the bike suitable for various terrains including dry land, mud, asphalt, and sand.

20"*4.0" CST TIRES

Thick, sturdy tires with knobby treads offer strong grip and traction on dry land, mud, asphalt, and sand.



Image: The robust 20" x 4.0" CST fat tires of the MACFOX X1S, designed for superior grip and traction on diverse surfaces.

5.5. Dual Disc Brakes

For guaranteed safety, the MACFOX X1S is equipped with front and rear disc brakes that deliver intense stopping power.

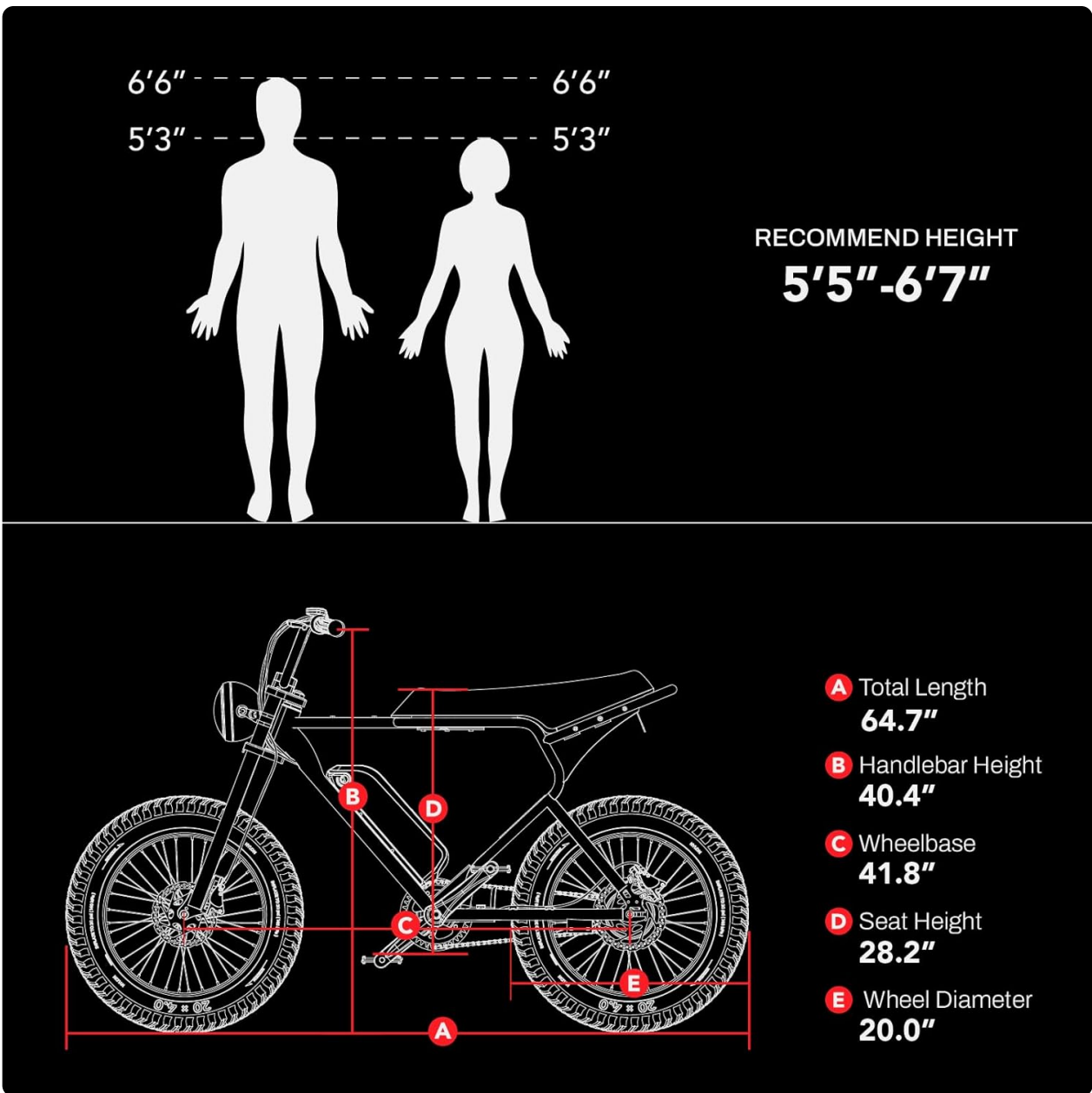
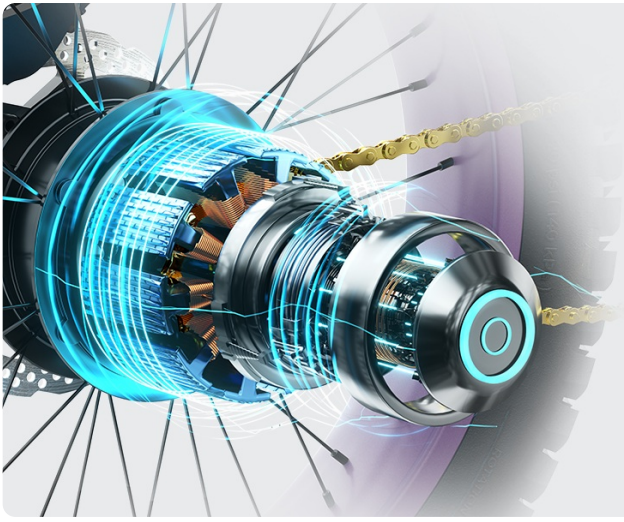


Image: A visual representation of the MACFOX X1S electric bike's front and rear disc brakes, emphasizing their safety features.

5.6. LCD Display Screen

The lightweight, compact LCD screen displays real-time speed, mileage, and power in different gears, helping to monitor your ride and eliminate battery life anxiety.



Galloping Freedom with a 500W Motor (Peak 750W)

The MACFOX-X1S roars with a 500W brushless motor, peaking at 750W. With 50Nm of torque, it ensures steady speeds and long life, even on tough hills. Gear up for an uphill thrill ride with the MACFOX-X1S!

Image: A detailed view of the electric bike's LCD display, providing essential ride information.

5.7. Front Suspension

The bike features an upgraded front suspension system for a more comfortable and stable riding experience, especially on uneven surfaces.



Image: The lightweight aluminum frame of the MACFOX X1S, emphasizing its geometry and front suspension.

6. OPERATION

6.1. Power On/Off

To power on the bike, ensure the battery is locked in place and turn the key to the "On" position. Press and hold the power button on the LCD display. To power off, reverse the process.

6.2. Riding Modes

The MACFOX X1S offers different riding modes to suit your preference:

- **Pure Electric Mode:** Use the twist throttle for motor-only propulsion. Range: 28-35 miles.
- **Pedal Assist Mode:** The motor provides assistance as you pedal. Range: 35-50 miles.
- **Manual Mode:** Ride as a traditional bicycle without motor assistance.

Adjust the assist level using the controls on the LCD display.

6.3. Shifting Gears

The bike features a 6-speed gear system. Use the trigger shifter on the handlebar to change gears, adapting to different inclines and speeds.

Your browser does not support the video tag.

Video: A brief overview of the MACFOX X1S Electric Bike, demonstrating its features and operation.

7. MAINTENANCE

- **Battery Care:** Charge the battery regularly, even when not in use, to prolong its lifespan. Avoid fully discharging the battery.
- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- **Brake Inspection:** Regularly inspect brake pads and rotors for wear. Ensure brake levers are responsive and provide adequate stopping power.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Fastener Checks:** Periodically check all bolts, nuts, and quick releases for tightness. Loose components can lead to accidents.
- **Cleaning:** Clean your bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly connected.	Ensure battery is fully charged and securely locked in place. Check all connections.
Motor not assisting	Low battery, assist level set to zero, or sensor issue.	Charge battery, increase assist level on display, check for loose sensor cables.
Brakes feel weak	Worn brake pads, loose cables, or air in hydraulic system.	Inspect and replace brake pads if worn. Adjust brake cable tension. Consult a professional for hydraulic brake issues.
Unusual noises during ride	Loose components, dry chain, or debris in moving parts.	Check all fasteners. Lubricate chain. Inspect for and remove any debris.

9. SPECIFICATIONS

Feature	Detail
Bike Type	City Bike, Hybrid Bike
Age Range	Adult
Brand	MACFOX
Model Name	EL-M20
Number of Speeds	6
Color	Purple
Wheel Size	20 Inches
Frame Material	Aluminum
Suspension Type	Front
Special Feature	Dual Disc Brake, Rechargeable
Item Weight	65 Pounds
Wattage	500 watts
Lithium Battery Energy Content	502.4 Watt Hours
Maximum Weight Recommendation	280 Pounds

Feature	Detail
Electric Assist Type	Twist Throttle

10. WARRANTY AND SUPPORT

The MACFOX X1S Electric Bike comes with a limited warranty. For specific details regarding warranty coverage and duration, please refer to the warranty card included in your packaging or contact MACFOX customer support.

For any questions, technical assistance, or service inquiries, please contact MACFOX customer support. Contact information can typically be found on the official MACFOX website or in your product documentation.

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For the latest information and updates, please visit the official MACFOX website.