

eAhora FT01 Electric Bike User Manual

Model: FT01

1. INTRODUCTION AND SAFETY WARNINGS

This manual provides essential information for the safe assembly, operation, and maintenance of your eAhora FT01 Electric Bike. Please read it thoroughly before your first ride and keep it for future reference.

Important Safety Information:

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local regulations regarding electric bikes.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Wear gloves during assembly to prevent injury.
- Do not modify the bike's electrical system or motor.

2. SETUP AND ASSEMBLY

The following steps guide you through the assembly process. For a visual guide, please refer to the embedded installation video.

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Video Description: This video provides a detailed tutorial on unboxing and assembling the eAhora FT01 Electric Bike, covering each installation step from start to finish.

2.1 Unboxing and Parts Check

Carefully open the packaging and remove all components. Verify that all parts listed in the manual are present and undamaged. It is recommended to wear gloves during this process.



Image Description: A full view of the eAhora FT01 Electric Bike, showcasing its design and components.

2.2 Handlebar Installation

Attach the handlebars to the stem. Ensure all bolts are securely tightened to prevent movement during operation. (Refer to video: 1:22 - 2:14)

2.3 Front Wheel Installation

Install the front wheel onto the fork. Align the brake rotor with the caliper and secure the axle. (Refer to video: 2:14 - 2:43)

2.4 Front Fender Installation

Mount the front fender to the bike frame using the provided hardware. Ensure it is properly aligned over the front wheel. (Refer to video: 2:43 - 3:23)

2.5 Headlight Installation

Attach the headlight to its designated mounting point on the front of the bike and connect the electrical cable. (Refer to video: 3:23 - 4:20)

2.6 Pedal Installation

Install the pedals. Note that pedals are marked 'L' for left and 'R' for right. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. (Refer to video: 4:20 - 5:23)

2.7 Kickstand Installation

Securely attach the kickstand to the bike frame. (Refer to video: 5:23 - 6:06)

3. OPERATING INSTRUCTIONS

3.1 Turning On and PAS Adjustment

To power on the bike, insert the key into the battery lock and turn it to the 'ON' position, then press the power button on the display. Use the '+' and '-' buttons on the handlebar control to adjust the Pedal Assist System (PAS) level. (Refer to video: 6:06 - 6:37)

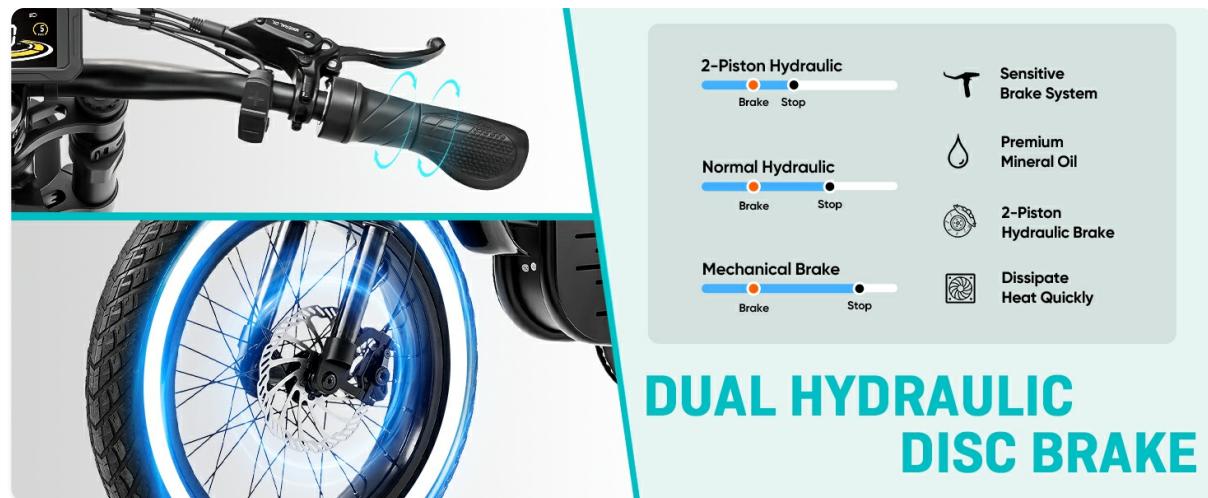


Image Description: The intelligent LCD color display showing various ride metrics like speed, battery level, and pedal assist level.

3.2 Front Light and Horn Operation

The front light and horn are controlled by buttons on the handlebar. Press the light button to toggle the headlight on/off, and the horn button to activate the horn. (Refer to video: 6:37 - 6:50)

3.3 Throttle and Brakes

The eAhora FT01 features a half-twist throttle for electric-only propulsion. Gently twist the throttle to accelerate. The bike is equipped with dual hydraulic disc brakes for reliable stopping power. Squeeze the brake levers to engage the brakes. (Refer to video: 6:50 - 6:59)



Image Description: An illustration highlighting the dual hydraulic disc brake system for effective stopping.

3.4 Walk Mode

To activate walk mode, press and hold the '-' button on the handlebar control. This provides a low-speed assist for walking the bike. (Refer to video: 6:25 - 6:37)

4. BATTERY AND CHARGING

The eAhora FT01 is powered by a 48V 30Ah removable battery, offering flexible charging options.

4.1 Removing and Installing the Battery

To remove the battery, unlock it with the key and slide it out from under the seat. To install, slide the battery back into place and lock it. (Refer to video: 6:59 - 7:23)

4.2 Charging the Battery

The battery can be charged either while installed on the bike or removed. Connect the charger to the battery's charging port, then plug the charger into a standard wall outlet. The charger's indicator light will show charging status. (Refer to video: 7:23 - 8:12)



Image Description: An infographic detailing the 48V 30Ah battery's capacity, charging time, and power-saving features.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your eAhora FT01 Electric Bike.

- Battery Care:** Avoid fully discharging the battery. Charge regularly, especially if storing for extended periods. The battery is designed to retain 80% capacity after 800+ cycles.
- Tire Pressure:** Check tire pressure regularly. The 20x4.0" fat tires require specific pressure for optimal performance and safety.
- Brakes:** Inspect brake pads and rotors for wear. Ensure hydraulic brake fluid levels are adequate.
- Chain:** Keep the chain clean and lubricated for smooth operation and to prevent rust.
- Fasteners:** Periodically check all bolts and fasteners for tightness.
- Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.

6. TROUBLESHOOTING

If you encounter issues with your eAhora FT01, consider the following basic troubleshooting steps:

- No Power:** Check if the battery is properly installed and locked, and if it has sufficient charge. Ensure the key is in the 'ON' position and the power button on the display is pressed.
- Motor Not Engaging:** Verify the PAS level is set above 0. Check if the brake levers are fully released, as some systems prevent motor engagement when brakes are applied.
- Brake Issues:** If brakes feel spongy or ineffective, they may need adjustment or bleeding. Consult a professional bike mechanic.
- Display Errors:** Refer to the display's error code section in the full manual (if available) or contact customer support.

For complex issues, it is recommended to contact eAhora customer support or a certified electric bike technician.

7. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Motor Power	1700W (Peak)
Max Speed	36 MPH
Battery	48V 30Ah (30000 mAh)
Range	Up to 90 miles (PAS mode)
Charging Time	Approx. 10 hours (with 54.6V 3A fast charger)
Suspension Type	Dual (Full Suspension, 130mm front fork travel)

Feature	Specification
Brake Style	Dual Hydraulic Disc Brakes
Wheel Size	20 Inches (Fat Tires)
Frame Material	Carbon Steel
Max Load Capacity	280-300 lbs
Recommended Height	5'4" - 6'2"
Riding Modes	Pure Electric, Pedal-Assist, Manpower

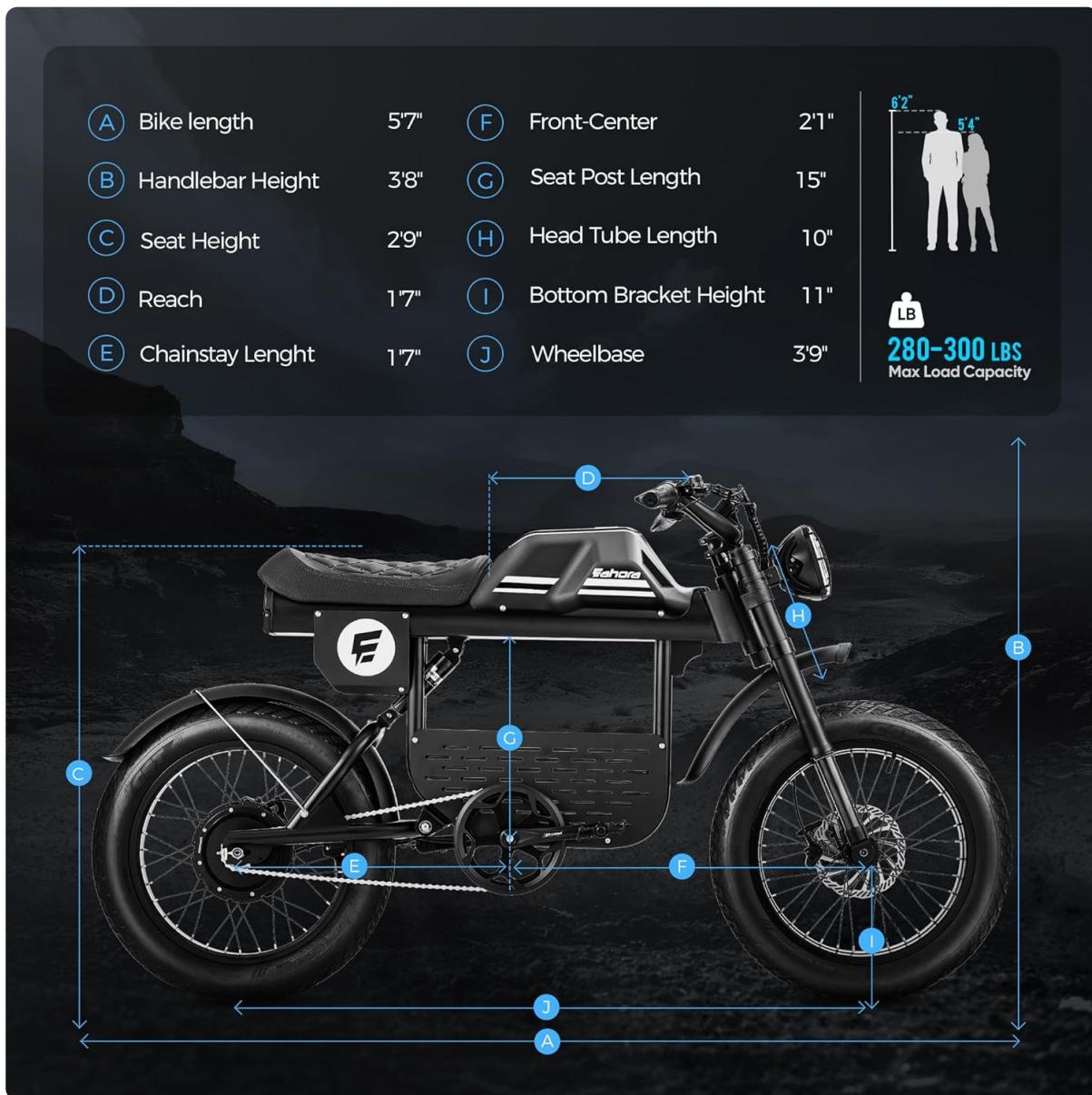


Image Description: A diagram illustrating the key dimensions and specifications of the eAhora FT01 Electric Bike.

8. WARRANTY AND SUPPORT

Your eAhora FT01 Electric Bike comes with a 1-year warranty and lifetime technical support from the eAhora professional service team.

Contact Information:

- **Phone:** +1 551-246-0188
- **Email:** amazon@eahoraebike.com
- **Website:** Visit the official eAhora website for additional support and resources.



Image Description: An image showing the eAhora customer service team and contact information, highlighting the 1-year warranty and lifetime technical support.