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› Jasion EB5 MAX Electric Bike User Manual

Jasion EB5 MAX

Jasion EB5 MAX Electric Bike User Manual

Model: EB5 MAX

1. INTRODUCTION

Thank you for choosing the Jasion EB5 MAX Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new e-bike. Please read this manual thoroughly before your first ride and keep it for future reference. The Jasion EB5 MAX is designed for adults, featuring a powerful 1500W peak motor, a 48V 15Ah removable battery, 26-inch by 4-inch fat tires, and 7-speed gears, offering versatility for various terrains and riding conditions.



Image 1.1: Jasion EB5 MAX Electric Bike in use on a scenic trail.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local traffic laws and regulations regarding electric bicycles. Perform a pre-ride inspection before each use. Do not operate the bike under the influence of alcohol or drugs. Ensure all components are securely fastened and in good working order.

- Always wear a certified helmet.
- Check tire pressure, brakes, and battery charge before each ride.
- Be aware of your surroundings and ride defensively.
- Do not exceed the maximum weight capacity of 400 lbs.
- Avoid riding in adverse weather conditions if visibility is poor.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included in your package:

- Jasion EB5 MAX Electric Bike (partially assembled)
- 48V 15Ah Removable Battery
- Battery Charger
- Tool Kit
- Mudguard (pre-installed or for installation)
- Horn (pre-installed)
- Cargo Rack (pre-installed)
- Reflectors
- User Manual (this document)

4. SETUP

While the Jasion EB5 MAX comes largely pre-assembled, some initial setup and adjustments are required for safe operation.

4.1. Unpacking and Initial Inspection

Carefully remove the bike from its packaging. Inspect for any visible damage during transit. Retain packaging materials for potential future transport or returns.

4.2. Handlebar and Seat Adjustment

Adjust the handlebar to a comfortable riding position. Ensure the quick-release lever is securely tightened. Adjust the seat post height so that your feet can comfortably touch the ground when stopped, and your legs have a slight bend at the knee when pedaling. Secure the seat post with the quick-release clamp.



Image 4.1: Jasion EB5 MAX dimensions and recommended rider height (5.5"-6.5").

4.3. Battery Installation and Initial Charge

The 48V 15Ah battery may be partially charged upon arrival. For optimal performance and battery longevity, fully charge the battery before its first use. The battery is removable for convenient charging. Insert the battery into its compartment and ensure it clicks securely into place. Use the provided key to lock the battery. Connect the charger to the battery charging port, then plug it into a standard wall outlet. The indicator light on the charger will change when fully charged (typically 7-8 hours).

48V 15Ah

Large Battery

Pure Electric
35 Miles

Pedal Assist
65 Miles

Charging Time
7-8 H



2 Charging Ways
Removeable



720Wh
Extended Range

Image 4.2: Jasion EB5 MAX 48V 15Ah large battery, showing removable feature and charging time.

4.4. Tire Pressure Check

Ensure the 26" x 4" fat tires are inflated to the recommended pressure, typically found on the tire sidewall. Proper tire pressure is crucial for safety, ride comfort, and battery range.

5. OPERATING INSTRUCTIONS

Understanding your e-bike's controls and features will enhance your riding experience.

5.1. Powering On/Off

To power on the bike, press and hold the power button on the LCD display. To power off, press and hold the same button until the display turns off.

5.2. LCD Display Functions

The vibrant color LCD display provides real-time information:

- **Speed:** Current riding speed.
- **Battery Level:** Indicates remaining battery charge.
- **Riding Mode (PAS Level):** Shows the current pedal assist level (1-5).
- **Mileage:** Trip distance and total odometer.
- **Headlight Indicator:** Shows if headlights are on.
- **Cruise Control:** Indicator for cruise control activation.

Use the '+' and '-' buttons near the display to adjust pedal assist levels or navigate menu options. The display also features a password-protected dashboard for added security.



Image 5.1: Jasion EB5 MAX Color LCD Display for day and night visibility.

5.3. Riding Modes and Pedal Assist

The EB5 MAX offers 5 levels of pedal assist (PAS). Level 1 provides minimal assistance, while Level 5 provides maximum assistance. You can also ride in pure electric mode using the throttle, or as a traditional bicycle with no electric assistance.

5.4. Gear Shifting

The bike is equipped with 7-speed gears. Use the shifter on the handlebar to change gears according to terrain and desired pedaling effort. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.

5.5. Cruise Control

To activate cruise control, reach your desired speed using the throttle or pedal assist, then press and hold the 'C' button for a few seconds. The cruise control indicator will appear on the display. To deactivate, lightly apply the brakes or press any button on the display.

5.6. Braking System

The EB5 MAX features 180 mm dual disc brakes for reliable stopping power. Always apply both front and rear brakes simultaneously for balanced and effective braking. Avoid sudden, hard braking, especially at high speeds or on loose surfaces.

5.7. Lights and Horn

The bike is equipped with upgraded front and rear lights for enhanced visibility. Turn them on/off via the display controls. Use the integrated horn to alert others to your presence when necessary.

Upgraded for More

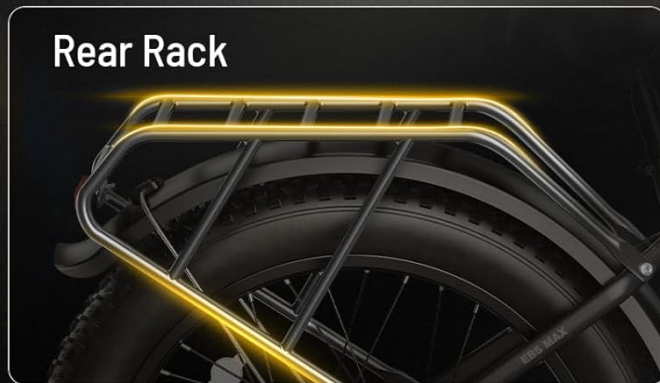
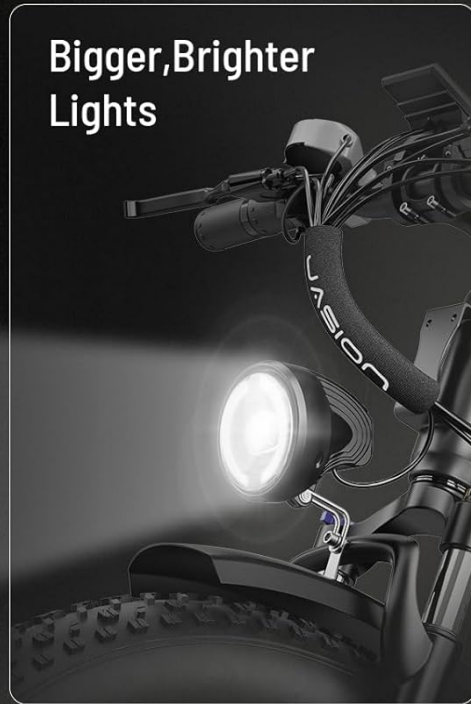


Image 5.2: Upgraded front and rear lights, fenders, and sturdy rear rack.

1500W Peak Motor



28+ MPH
Top Speed



30°
Max Slope



7-Speed
Gear

Image 5.3: Jasion EB5 MAX 1500W Peak Motor and 7-speed gear system.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Jasion EB5 MAX.

6.1. Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid fully discharging the battery frequently.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use only the original charger provided.

6.2. Tire Maintenance

Check tire pressure before each ride. Inspect tires for wear, cuts, or embedded objects. The 26" x 4" puncture-resistant fat tires offer durability, but regular inspection is still recommended.

26" x 4.0"

Ready for Every Path



Image 6.1: Jasion EB5 MAX 26"x4.0" fat tires ready for various paths.

6.3. Brake Inspection

Regularly check brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust brake cables as needed or have them serviced by a qualified technician.

6.4. Chain and Drivetrain

Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear. Inspect gears and derailleur for proper alignment and function.

6.5. General Cleaning

Clean your e-bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components. Dry thoroughly after cleaning.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Jasion EB5 MAX.

Problem	Possible Cause	Solution
Bike does not power on	Battery not installed correctly; Battery discharged; Loose electrical connection	Ensure battery is fully inserted and locked; Charge battery; Check all visible connections.
Motor not assisting	Low battery; PAS level set to 0; Brake levers engaged; Motor error	Charge battery; Increase PAS level; Ensure brake levers are fully released; Consult customer support if error persists.
Short battery range	High PAS level usage; Frequent throttle use; Low tire pressure; Heavy load; Cold weather	Use lower PAS levels; Pedal more; Inflate tires to recommended pressure; Reduce load; Battery performance decreases in cold.
Brakes feel weak	Worn brake pads; Loose brake cable; Contaminated rotors	Inspect and replace brake pads; Adjust brake cable tension; Clean rotors with disc brake cleaner.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact Jasion customer support.

8. SPECIFICATIONS

Key technical specifications for the Jasion EB5 MAX Electric Bike:

- **Bike Type:** Electric Bike, Fat Tire
- **Motor:** 1500W Peak
- **Battery:** 48V 15Ah (720 Watt Hours), Removable
- **Top Speed:** 28+ MPH (45+ KMH)
- **Range:** Up to 65 miles (Pedal Assist), 35 miles (Throttle Only)
- **Charging Time:** 7-8 hours
- **Wheel Size:** 26 Inches x 4.0 Inches
- **Gears:** 7-Speed
- **Brake Style:** Dual Disc Brakes (180mm)
- **Suspension Type:** Front
- **Max Load Capacity:** 400 LBS
- **Ebike Weight:** 83 LBS
- **Recommended User Height:** 5.5 Feet - 6.5 Feet
- **Special Features:** Adjustable Seat, Fenders, Headlight, Rechargeable, Cruise Control, Color LCD Display, Cargo Rack, Horn, Reflectors

9. WARRANTY AND SUPPORT

For specific warranty details, please refer to the warranty card included with your purchase or visit the official Jasion website. Jasion provides customer support for any questions, concerns, or technical assistance you may require.

Contact Jasion Support: Please refer to the contact information provided on the Jasion official website or your purchase documentation for the most up-to-date support channels.

