

Geemax DDXDC001

Geemax Electric Bike User Manual

Model: DDXDC001

INTRODUCTION

Thank you for choosing the Geemax Electric Bike. This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience.

The Geemax Electric Bike is designed for versatile use, featuring robust 26" x 4.0" fat tires suitable for various terrains including snow, beach, gravel, and city roads. Equipped with a powerful 350W (Peak 500W) motor and a 36V 10.4Ah lithium battery, it offers multiple riding modes to suit your needs.

SAFETY INFORMATION

Your safety is paramount. Always adhere to the following safety guidelines:

- Always wear a certified helmet when riding.
- Familiarize yourself with local traffic laws and regulations regarding electric bicycles.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, battery level, and quick releases.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in extreme weather conditions or on excessively slippery surfaces.
- Ensure all components are securely fastened before riding.

COMPONENTS OVERVIEW

The Geemax Electric Bike features high-quality components designed for performance and durability.



Overview of the Geemax Electric Bike, showcasing its robust frame, fat tires, and integrated headlight.

Key Components:

- **Frame:** Durable Carbon Steel frame.
- **Motor:** 36V 350W (Peak 500W) high-speed brushless motor.
- **Battery:** Removable 36V 10.4Ah Lithium Battery.
- **Tires:** Large 26" x 4.0" puncture-resistant fat tires.
- **Brakes:** Dual Disc Brakes for reliable stopping power.
- **Gears:** 21-speed gear system.
- **Display:** LCD display showing speed, battery level, and mode.
- **Headlight:** Large Bright LED Headlight for night riding.
- **Suspension:** Lockable front suspension fork.

SETUP & ASSEMBLY

Your Geemax electric bike arrives approximately 90% assembled. The remaining assembly primarily involves attaching the front wheel, handlebars, and pedals. A tool kit is included to assist with this process.

Assembly Steps:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Front Wheel Installation:** Attach the front wheel to the fork, ensuring the disc brake rotor aligns correctly with the caliper. Secure with the quick-release mechanism or axle nuts.
3. **Handlebar Attachment:** Insert the handlebar stem into the fork tube and tighten the stem bolts. Adjust the handlebar angle for comfortable riding.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Ensure they are fully threaded and tightened securely.
5. **Seat Post Adjustment:** Adjust the seat post height to a comfortable riding position, ensuring your feet can touch the ground when stopped. Secure the quick-release lever.
6. **Battery Installation:** Insert the battery into its housing on the frame and lock it into place with the provided key.
7. **Pre-Ride Check:** Before your first ride, double-check all bolts, quick releases, and connections. Inflate tires to the recommended pressure (refer to tire sidewall).



Diagram showing the bike's dimensions (A: 188cm/74in, B: 91cm/35.8in, C: 108cm/42.5in, D: 72cm/28.3in), load capacity (Max. 350 lbs), and recommended height (5'2" - 6'4" Max).

OPERATING YOUR GEEMAX ELECTRIC BIKE

Battery Operation and Charging:

The bike is powered by a 36V 10.4Ah lithium battery, providing a range of up to 35 miles in pedal-assist mode or 20 miles in pure electric mode per full charge.

- **Charging:** Connect the charger to the bike's charging port and then to a standard wall outlet. The indicator light on the charger will change when fully charged.
- **Battery Removal:** Use the key to unlock the battery from the frame for off-bike charging or storage.



The removable 36V 10.4Ah battery, offering extended range for your rides.



Visual guide for safely removing the battery from the bike frame.

Riding Modes:

The Geemax Electric Bike offers four distinct riding modes:

1. **Pure Electric Mode:** The bike is propelled solely by the motor, without the need for pedaling. Control

speed using the throttle.

2. **Pedal-Assist Mode:** The motor provides assistance as you pedal, making riding easier, especially on inclines or long distances. The level of assistance can often be adjusted via the display.
3. **Walk Mode:** Designed to assist you when pushing the bike, particularly useful when walking uphill or with heavy loads. To activate, long press the "-" button on the LCD display.
4. **Classic Bike Mode:** The electric system is off, and the bike functions as a traditional bicycle, powered entirely by your pedaling.



The LCD display illustrating the four available riding modes and controls for the headlight and walk mode.



Detailed view of the LCD display, showing speed, battery, and assist level.

LCD Display and Headlight:

The integrated LCD display provides real-time information about your ride. To activate the large bright LED headlight for night driving, long press the "+" button on the LCD display.



The powerful LED headlight, essential for visibility during night rides.

Fat Tires and Terrain Adaptability:

The 26" x 4.0" wide puncture-resistant fat tires provide excellent traction and stability, allowing you to ride confidently across diverse terrains.

- **Snow Road:** The wide tires distribute weight, providing grip on snowy surfaces.
- **Mountain Road:** Enhanced traction and shock absorption for uneven mountain trails.
- **Sand Road:** Float over loose sand with reduced sinking.
- **City Road:** Comfortable and stable ride on paved surfaces.



The 26x4 inch fat tires are designed to adapt to various terrains, including snow, mountain, sand, and city roads.

Braking System and Suspension:

The bike is equipped with reliable dual disc brakes for effective stopping power in various conditions. The lockable front suspension fork helps absorb shocks, providing a smoother and more comfortable ride over rough terrain.



Detailed view of the front disc brake, ensuring responsive and reliable stopping.



View of the rear wheel's hub motor and disc brake system.



The front suspension fork, designed to absorb shocks and provide a smoother ride.

MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your electric bike.

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tire Pressure:** Check tire pressure before each ride. Maintain pressure within the range indicated on the tire sidewall for optimal performance and safety.
- **Brake Inspection:** Regularly check brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every few months to maintain battery health. Avoid fully discharging the battery.
- **Fastener Check:** Periodically check all bolts and fasteners for tightness, especially on critical components like wheels, handlebars, and seat post.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly seated; Power button not pressed.	Charge battery; Ensure battery is fully inserted and locked; Long press power button on display.
Motor not assisting	Battery low; Incorrect riding mode; Brake levers engaged.	Charge battery; Switch to Pedal-Assist or Pure Electric mode; Ensure brake levers are fully released.
Brakes squeak	Dirty brake pads/rotors; Worn brake pads.	Clean brake pads and rotors with disc brake cleaner; Replace worn brake pads.
Gears not shifting smoothly	Dirty or unlubricated chain; Derailleur out of adjustment.	Clean and lubricate chain; Consult a bike mechanic for derailleur adjustment.

SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike, Mountain Bike
Age Range (Description)	Adult
Brand	Geemax
Number of Speeds	20 (Note: Product title states 21-Speed, specifications state 20. Please verify with manufacturer if discrepancy is critical.)
Color	Blue
Wheel Size	26 Inches
Frame Material	Carbon Steel
Suspension Type	Front
Special Feature	Dual Disc Brake, Headlight, LCD-Display, Quick Release Wheels
Included Components	LED Headlight, Tool Kit
Item Weight	65 Pounds
Model Name	DDXDC001
Power Source	Lithium Battery
Wattage	350 watts
Lithium Battery Energy Content	10400 Milliamp Hours (mAh)
Maximum Weight Recommendation	350 Pounds
Assembly Required	Yes
UPC	789591893061
Item Package Dimensions L x W x H	59.8 x 32.2 x 9.8 inches
Item Dimensions L x W x H	74 x 32 x 42.5 inches

WARRANTY INFORMATION

The Geemax Electric Bike comes with a **1-year warranty** on the electric motor, battery, and charger. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact Geemax customer support.

CUSTOMER SUPPORT

If you encounter any issues not covered in this manual, require assistance with assembly, or have questions regarding your Geemax Electric Bike, please contact Geemax customer support.

For the most up-to-date contact information, please visit the official Geemax website or refer to the contact details provided with your product packaging.