

Geemax DDXDC011

Geemax DDXDC011 Electric Fat Tire Bike User Manual

Model: DDXDC011

Brand: Geemax

1. IMPORTANT SAFETY INFORMATION

Before operating your Geemax DDXDC011 Electric Fat Tire Bike, please read this manual thoroughly. Failure to follow instructions and safety warnings may result in serious injury or damage to the product.

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local laws and regulations regarding electric bicycles.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, and all fasteners.
- Do not ride under the influence of alcohol or drugs.
- Exercise caution in wet conditions, as braking distance may increase.

Battery Safety

- Use only the charger provided with your bike.
- Do not expose the battery to extreme temperatures or direct sunlight.
- Keep the battery away from children and pets.
- If the battery is damaged or leaking, do not use it and dispose of it properly.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Geemax DDXDC011 Electric Fat Tire Bike (partially assembled)
- 48V 15.6Ah Lithium Battery
- Battery Charger
- Tool Kit
- User Manual (this document)

- Pedals
- Front Wheel
- Handlebars

3. SETUP AND ASSEMBLY

Your Geemax DDXDC011 electric bike arrives approximately 90% assembled. The following steps detail the final assembly required before your first ride.

3.1 Unpacking

Carefully remove all components from the packaging. Retain the packaging for future transport or storage.

3.2 Component Identification

Familiarize yourself with the main parts of your electric bike.



An overview of the Geemax DDXDC011 electric fat tire bike, showcasing its robust frame, large tires, and integrated battery.



A composite image detailing various components of the bike, such as the LED headlight, rear reflector, IPX5 water resistance, battery access, kickstand, comfortable seat, and disc brake system.

3.3 Assembly Steps

1. **Front Wheel Installation:** Attach the front wheel to the fork using the quick-release mechanism or axle nuts. Ensure it is securely fastened and centered.
2. **Handlebar Installation:** Insert the handlebar stem into the fork's steerer tube. Adjust the height and angle for comfort, then tighten the stem bolts securely.
3. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Apply a small amount of grease to the threads before installation.
4. **Seat Adjustment:** Adjust the seat post height to ensure your feet can comfortably touch the ground when stopped, and your legs have a slight bend at the knee when pedaling. Secure the quick-release lever or seat post clamp.
5. **Battery Installation:** Slide the 48V 15.6Ah lithium battery into its designated slot on the frame. Ensure it clicks into place and is locked with the key provided.



Removable & Large Battery

48V 15.6A

Longer battery life

25-35Miles

Electric range

35-50Miles

Assist rang

A close-up view of the removable 48V 15.6Ah lithium battery integrated into the bike frame, highlighting its capacity and range.

4. OPERATING INSTRUCTIONS

This section details how to operate your Geemax electric bike, including power functions, display usage, and riding modes.

4.1 Powering On/Off

- **To Power On:** Ensure the battery is installed and locked. Press and hold the power button on the LCD display (S866) for a few seconds until the screen illuminates.
- **To Power Off:** Press and hold the power button on the LCD display until the screen turns off.

4.2 Display Functions (S866 LCD)

The S866 LCD display provides essential riding information and controls.

4 WORKING MODES



Pure Electric
Mode



Pedal-Assist
Mode




Walking
Mode



Classic Bike
Mode



Long Press "  " to open  LED Headlight

Long Press "  " to turn on  walking mode

The S866 LCD display illustrating the four available riding modes and controls for the LED headlight and walking mode.

Multi-Function

Make every ride an extra layer of protection



View of the bike's handlebars featuring the S866 LCD display, showing speed, battery level, and assist level during a ride.

- **Speed Indicator:** Displays current riding speed.
- **Battery Level:** Shows the remaining battery charge.
- **Assist Level:** Indicates the current level of pedal assistance (0-5). Use '+' and '-' buttons to adjust.
- **LED Headlight:** Long-press the '+' button to activate or deactivate the front LED headlight for enhanced visibility.
- **Walking Mode:** Long-press the '-' button to engage walking mode, which provides low-speed assistance for pushing the bike.

4.3 Riding Modes

The Geemax DDXDC011 offers four distinct riding modes:

- **Pure Electric Mode:** Engage the throttle for full electric power without pedaling.
- **Pedal-Assist Mode:** The motor provides assistance as you pedal. Adjust the assist level (1-5) for more or less power.
- **Walking Mode:** Provides a low-speed assist (approx. 3-4 mph) for walking alongside the bike.

- **Classic Bike Mode:** Ride the bike like a traditional bicycle, without any electric assistance.

4.4 Gear Shifting

The bike features a 21-speed gear system. Use the thumb shifters on the handlebars to change gears according to terrain and desired effort. Shift smoothly to avoid strain on the drivetrain.

4.5 Braking System

The bike is equipped with dual disc brakes for reliable stopping power. Apply both front and rear brakes simultaneously for optimal control and shorter stopping distances. Avoid sudden, hard braking, especially at high speeds or on loose surfaces.

5. BATTERY MANAGEMENT

Proper battery care ensures longevity and optimal performance.

5.1 Charging the Battery

- Connect the charger to a standard wall outlet and then to the battery charging port.
- The indicator light on the charger will typically turn red during charging and green when fully charged.
- Charging time is approximately 4-6 hours for a full charge. Do not overcharge.

5.2 Battery Removal and Installation

To remove the battery, unlock it with the provided key and slide it out of the frame. To install, slide it back into the frame until it clicks, then lock it with the key.

5.3 Battery Care and Storage

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, charge the battery to 50-70% every 2-3 months to maintain its health.

6. MAINTENANCE

Regular maintenance is crucial for the safety, performance, and lifespan of your electric bike.

6.1 Regular Checks (Before Each Ride)

- **Tire Pressure:** Ensure tires are inflated to the recommended pressure (typically indicated on the tire sidewall).
- **Brakes:** Test both front and rear brakes for proper function and responsiveness.
- **Fasteners:** Check all bolts, nuts, and quick-release levers for tightness.
- **Chain:** Inspect the chain for rust or damage and ensure it is properly lubricated.
- **Lights:** Verify that the headlight and any reflectors are clean and functional.

6.2 Cleaning

Clean your bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components.

6.3 Storage

Store the bike in a dry, sheltered area to protect it from weather elements. If storing for extended periods, remove the battery and follow battery storage guidelines.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Geemax electric bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or installed correctly; loose connection; display issue.	Check battery charge level; ensure battery is fully inserted and locked; inspect all cable connections; try pressing power button firmly.
Motor not assisting	Assist level set to 0; battery low; motor cable disconnected; brake lever sensor engaged.	Increase assist level on display; charge battery; check motor cable connection; ensure brake levers are fully released.
Brakes feel weak	Brake pads worn; cable tension too loose; air in hydraulic system (if applicable).	Inspect and replace brake pads if worn; adjust brake cable tension; consult a bike mechanic for hydraulic brake issues.
Unusual noises during riding	Loose components; chain needs lubrication; brake rub.	Check all fasteners; lubricate chain; adjust brake calipers to prevent rubbing.

8. SPECIFICATIONS

Key technical specifications for the Geemax DDXDC011 Electric Fat Tire Bike:



A: 188cm/74in

B: 91cm/35.8in

C: 108cm/42.5in

D: 72cm/28.3in



Load Capacity
Max. 350 lbs



N.W./G.W
90 lbs / 100 lbs



Recommend Height
5'2" - 6'4"Max

A diagram providing key dimensions of the electric bike (length, height, wheel size) along with recommended rider height (5'2" - 6'4") and maximum load capacity (350 lbs).

Feature	Specification
Model	DDXDC011
Motor	1000W Nominal, 1500W Peak Brushless Motor
Battery	48V 15.6Ah Lithium-ion
Top Speed	Up to 35 MPH (56 km/h)
Range (Pedal-Assist)	Up to 50 Miles (80 km)
Range (Full Electric)	Up to 35 Miles (56 km)
Wheel Size	26 x 4.0 Inches Fat Tires
Gears	21-Speed

Feature	Specification
Frame Material	High Carbon Steel
Brake Style	Dual Disc Brake
Suspension	Front Suspension Fork
Max Load Capacity	350 Pounds (158 kg)
Item Weight	65 Pounds (29.5 kg)
Recommended Rider Height	5'2" - 6'4" (158 cm - 193 cm)
Special Features	Adjustable Seat, Headlight, LCD-Display, Quick Release Wheels

9. WARRANTY AND SUPPORT

Geemax provides a limited warranty for your electric bike.

9.1 Warranty Information

Your Geemax DDXDC011 Electric Fat Tire Bike comes with a **1-year limited warranty** on the electric motor, battery, and charger from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage resulting from misuse, accidents, unauthorized modifications, or normal wear and tear.

9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Geemax electric bike, please contact our customer support team. Refer to the contact information provided on the Geemax official website or your purchase documentation.