

Vipdrive Climber

Vipdrive Electric Bike Climber User Manual

MODEL: CLIMBER

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Vipdrive Electric Bike Climber. Please read thoroughly before first use.

1. IMPORTANT SAFETY INSTRUCTIONS

Your safety is paramount. Adhere to all warnings and instructions to prevent injury or damage.

- Always wear a helmet and appropriate safety gear when riding.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery.
- Do not ride under the influence of alcohol or drugs.
- Observe all local traffic laws and regulations.
- Avoid riding in adverse weather conditions, such as heavy rain or snow, if not designed for it.
- Ensure the battery is securely locked in place before riding.
- Do not modify the electrical system or motor.

2. PRODUCT OVERVIEW

The Vipdrive Electric Bike Climber is designed for versatile terrain, offering powerful assistance and robust construction.



The Vipdrive Electric Bike Climber, featuring fat tires and a sturdy frame, ready for various terrains.

Key Features:

- **500W Powerful Motor:** A robust brushless motor with a top speed of 21.3mph, peak 750W, and 65NM torque, capable of tackling slopes up to 30 degrees.
- **48V 13AH Removable Battery:** A 624Wh removable battery offering a range of 22-50 miles, fully charged within 4-6 hours. The removable and lockable design allows for convenient charging on or off the bike.
- **Smart LCD Display:** An intelligent LCD display provides real-time information on pedal-assist level, battery status, speed, and travel range.
- **4 Working Modes:** Includes Throttle Mode, Pedal Assist Mode, Normal Bike Mode, and Walk Booster Mode (3.73mph).
- **Front Fork and Disc Brake:** Features 4-inch fat tires for excellent grip on various terrains, suspension forks for bump reduction, and front/rear mechanical disc brakes for reliable stopping power.

REMOVABLE LI-ION BATTERY

Large capacity, 2 charging modes anti-theft battery



48V 13AH



4-6 Hours



25-50Miles



BMS



Close-up view of the removable 48V 13AH Li-ion battery, highlighting its large capacity and anti-theft features.



Detailed view of key components including the Shimano 7-speed gear, bright LED headlight, dual disc brakes, and the multi-functional intelligent display.

3. SETUP GUIDE

The Vipdrive Electric Bike Climber arrives 85% pre-assembled. Follow these steps to complete the assembly.

Assembly Steps:

1. **Unboxing and Inspection:** Carefully remove the bike from its packaging. Remove all protective wrapping and check that all parts listed in the packing list are included and undamaged.
2. **Install the Saddle:** Insert the seat post with the saddle into the seat tube. Ensure the saddle is set between the safety markings engraved on the seat post. Tighten the quick release lever securely.
3. **Install the Rear Reflector:** Attach the rear reflector to the seat post below the saddle. Tighten the screws with a Phillips screwdriver tool.
4. **Install the Stem and Handlebars:** Loosen the screws on the stem and rotate it forward. Attach the handlebar on top of the stem and fully tighten all bolts on the stem to secure it.

5. **Attach the Bell:** Secure the bell to the handlebar and tighten its screws.
6. **Install the Front Wheel:** Loosen the fixing rod of the front fork. Remove the covers and safety spacer from the wheel hub. Insert the front wheel between the forks, ensuring the brake rotor aligns with the caliper. Snap the spacer into the groove and tighten the nut. Place the black dust cap over the torqued nut.
7. **Install the Headlight:** Remove the screws preinstalled on the front fork. Install the headlight on the front fork joints and connect its cables.
8. **Install the Pedals:** Identify the left (L) and right (R) pedals. Thread and tighten the left pedal counterclockwise. Thread and tighten the right pedal clockwise.

Installation Videos:

Official Vipdrive Ebike Climber 1.1 installation steps video. This video provides a detailed visual guide for assembling your electric bike.

Official Vipdrive Electric Bike for Adults installation video. This video offers another perspective on the assembly process, ensuring clarity.

4. OPERATING INSTRUCTIONS

Understand the various modes and functions of your Vipdrive Electric Bike Climber for an optimal riding experience.

Working Modes:

- **Throttle Mode:** Engage the throttle for motor-only propulsion, allowing you to reach your destination quickly without pedaling.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal, reducing effort and extending your range. The intelligent LCD display shows the current pedal-assist level.
- **Normal Bike Mode:** The electric bike functions as a traditional bicycle, with no motor assistance.
- **Walk Booster Mode:** The e-bike travels at a constant speed of 3.73mph, useful for walking alongside the bike.

EASY TO CONTROL

Multifunctional HD LCD display, tracking your rides



LCD Display



5 Pas Modes



Anti-slip Handle



Riding Info



The handlebar setup with the multifunctional HD LCD display, anti-slip handles, and controls for easy operation.

LCD Display Functions:

The intelligent LCD display provides crucial riding data:

- Pedal-assist level indicator.
- Battery status.
- Current speed.
- Travel range.

Use the controls on the handlebar to navigate through display options and adjust settings like pedal-assist levels.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric bike.

Battery Charging:

The 48V 13AH battery can be fully charged within 4-6 hours. There are two charging methods:

1. **Direct Charging on the Bike:** Plug the charger directly into the water and dust-resistant charging port on the battery while it is installed on the bike.
2. **Removable Battery Charging:** Unlock and remove the battery from the bike frame. Charge the battery separately using the provided charger. After charging, install and lock the battery back into the frame.



Illustration of the two charging methods for the 48V 13AH removable battery: direct charging on the bike and charging the battery separately.

General Maintenance Tips:

- Keep the bike clean, especially after riding in muddy or wet conditions.
- Regularly check tire pressure and inflate to the recommended PSI.
- Inspect brake pads and cables for wear and proper function.
- Lubricate the chain periodically to ensure smooth operation.
- Store the bike in a dry place, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly installed; Power button not pressed.	Charge the battery; Ensure battery is securely locked; Press and hold the power button.
Motor not assisting	Low battery; PAS level set to 0; Loose motor cable connection.	Charge the battery; Increase PAS level on LCD; Check and secure motor cable connections.
Brakes feel weak	Worn brake pads; Loose brake cables; Contaminated rotors.	Inspect and replace brake pads; Adjust brake cable tension; Clean rotors with disc brake cleaner.
Tires losing air quickly	Puncture; Valve stem issue; Improper tire seating.	Inspect tire for punctures and repair/replace tube; Check valve stem for leaks; Re-seat tire bead.

7. TECHNICAL SPECIFICATIONS

Detailed specifications for the Vipdrive Electric Bike Climber.

Feature	Specification
Bike Type	Electric Bike, Mountain Bike
Motor	500W Brushless (750W Peak), 65NM Torque
Top Speed	21.3 mph
Battery	48V 13AH (624Wh) Removable Lithium-ion
Range	22-50 miles (varies by conditions)
Charging Time	4-6 hours
Wheel Size	26 Inches (4-inch Fat Tires)
Number of Speeds	7 (Shimano Gear)
Frame Material	Aluminum
Suspension Type	Front (Lockable Suspension Fork)
Brake Style	Dual Mechanical Disc Brakes (Front & Rear)
Maximum Weight Recommendation	265 Pounds
Item Dimensions (LxWxH)	70.86 x 28.14 x 43.3 inches
Included Components	Toolkit, Charger, Instruction Manual

8. WARRANTY AND SUPPORT

Vipdrive offers a comprehensive warranty and dedicated customer support for your electric bike.

Warranty Information:







- A one-year limited warranty is provided on the motor, battery, and controller.
- This warranty covers manufacturing defects and malfunctions under normal use.

Customer Support:

If you encounter any issues with your Vipdrive Electric Bike Climber, please do not hesitate to contact our customer support team. We are committed to providing the best possible solution.

For assistance, please refer to the contact information provided in your purchase documentation or visit the official Vipdrive website.

Related Documents - Climber

	<p>VIPDRIVE Electric Bike User Manual: Comprehensive Guide to Models, Safety, and Operation</p> <p>This comprehensive user manual for VIPDRIVE electric bikes covers model overviews (Pathfinder, Explorer, Climber), essential safety guidelines, step-by-step installation, operation instructions, battery charging, maintenance tips, and troubleshooting. Enhance your riding experience with VIPDRIVE.</p>
	<p>VIPDRIVE Pathfinder 1.1 / 1.2 Electric Bike User Manual</p> <p>Comprehensive user manual for the VIPDRIVE Pathfinder 1.1 and Pathfinder 1.2 electric bikes, covering setup, operation, maintenance, troubleshooting, and warranty information.</p>
	<p>Climber Error Codes: Meanings and Solutions</p> <p>Detailed guide to Climber error codes, providing clear explanations of each error's meaning and actionable solutions for troubleshooting and resolving issues.</p>
	<p>Climber Moritz Duo Socks - Technical Specifications and Features</p> <p>Detailed information on Climber Moritz Duo socks, featuring antibacterial, thermal, and anti-slip properties, designed for comfort and performance in various conditions.</p>
	<p>CLIMBER THORENS-1 Safety Boots - Technical Datasheet</p> <p>Detailed technical datasheet for the CLIMBER THORENS-1 safety boots. Features include waterproof & breathable upper, anti-puncture insole, composite toe, shock-absorbing sole, and ISO 20345:2022 certification.</p>
	<p>TESGO Climber (CLB) Electric Bicycle Operation and Maintenance Manual</p> <p>This manual provides comprehensive operation and maintenance guidance for the TESGO Climber (CLB) electric bicycle, covering essential safety precautions, assembly instructions, operating procedures, charging, maintenance tips, and troubleshooting common issues.</p>