ANCHEER AN5931

ANCHEER Folding Electric Bike User Manual

Model: StreetRider (AN5931)

Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your ANCHEER Folding Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference. Adhering to these instructions will ensure optimal performance and longevity of your e-bike.

1. Setup and Assembly

Your ANCHEER Folding Electric Bike comes 95% pre-assembled. Follow these steps to complete the assembly and prepare for your first ride.

1.1 Unboxing and Component Check

Carefully remove all components from the packaging. Verify that all parts listed below are present and undamaged. Refer to the video for a visual guide.



Figure 1.1: Main view of the ANCHEER Folding Electric Bike.

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Video 1.1: Unboxing and initial assembly steps for the ANCHEER Folding Electric Bike. This video demonstrates how to safely remove the bike from its packaging and identify the main components.

- Electric Bike (main frame)
- Seat with seat post
- Pedals (Left and Right)
- Charging Adapter
- Tools Kit (wrenches, screwdriver)

- User Manual

1.2 Unfolding the Stem and Handlebar

Carefully unfold the stem until it locks into place. Ensure the locking mechanism is securely engaged. Then, adjust and secure the handlebar. The video above provides a visual demonstration of this process.



Figure 1.2: Close-up of the handlebar and LCD display, showing controls for lights and speed.

1.3 Installing the Seat

Insert the seat post into the frame's seat tube. Adjust the seat height to a comfortable position, ensuring the seat post does not exceed the marked safety scale range. Secure the quick-release clamp firmly.

1.4 Installing the Pedals

Identify the left (L) and right (R) pedals. The left pedal screws counter-clockwise, and the right pedal screws clockwise. Ensure they are tightened securely with the provided wrench.



Figure 1.3: The bike's folding mechanism, highlighting its compact storage capability.

2. Operating Your E-Bike

Familiarize yourself with the controls and riding modes before operating the e-bike.

2.1 Powering On and LCD Display

Press the power button on the handlebar to switch on the e-bike. The LCD display will show battery level, current speed, and mileage. Use the 'M' button to cycle through different display information.



Figure 2.1: The intelligent digital display provides real-time information such as speed, battery level, and mileage.

2.2 Riding Modes

Your ANCHEER e-bike offers three riding modes:

- **Throttle Mode (Stepless Control):** Engage the throttle for electric-only propulsion.
- **Pedal Assist Mode (3 Levels):** The motor provides assistance as you pedal. Adjust the assist level using the controls on the handlebar.
- **Bicycle Mode:** Ride as a traditional bicycle without electric assistance.



Figure 2.2: Illustration of the three working modes: Throttle, Pedal Assist, and Bicycle Mode.

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Video 2.1: Demonstration of the ANCHEER Folding Electric Bike's operational features, including display functions and mode switching.

2.3 Lights Operation

Press the dedicated button on the handlebar to turn the front and rear lights on or off. Ensure lights are active during night rides or in low-visibility conditions for safety.



Figure 2.3: The e-bike is equipped with high-brightness front and rear lights for enhanced visibility and safety during night riding.

2.4 Cruise Control

The e-bike features a smart cruise control function. After maintaining a consistent speed for 8-10 seconds, the cruise control will activate, allowing for a relaxed ride on long, smooth roads. To deactivate, simply apply the brakes or twist the throttle.

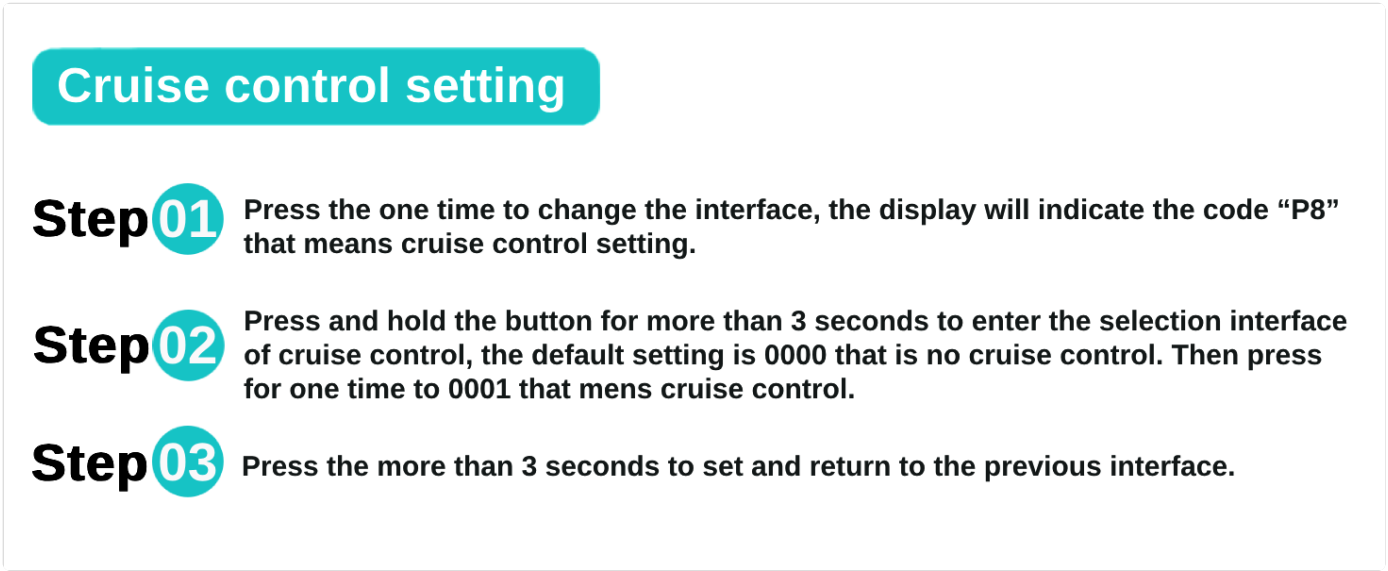


Figure 2.4: Detailed steps for setting up and using the cruise control feature.

3. Maintenance

Regular maintenance ensures the safety and longevity of your ANCHEER e-bike.

3.1 Battery Care and Charging

The e-bike is equipped with a 48V 7.8Ah (374Wh) battery. Charge the battery fully before first use and after each ride. Use only the provided charging adapter. Avoid overcharging or completely draining the battery. Store the bike and battery in a cool, dry place.



Figure 3.1: Detailed view of the 48V 7.8Ah (374Wh) battery, highlighting its protection features.

3.2 General Cleaning and Inspection

Clean the bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components. Periodically check tire pressure (refer to tire sidewall for recommended PSI), brake functionality, and ensure all bolts and fasteners are tight.



Figure 3.2: The triple shock absorption system (front suspension, rear suspension, and seat springs) designed for a comfortable ride.

This electric bike is UL 2849 certified, ensuring safety standards for electrical systems.

4. Troubleshooting

If you encounter issues with your e-bike, refer to the following common problems and solutions. For more complex issues, please contact customer support.

Problem	Possible Cause	Solution
Bike does not power on	Low battery, loose connection, power button not pressed correctly.	Charge battery fully. Check all cable connections. Ensure power button is pressed firmly.
Motor not assisting	Pedal assist level too low, brake levers engaged, motor connection issue.	Increase pedal assist level. Release brake levers completely. Check motor cable connection.

Problem	Possible Cause	Solution
Brakes feel loose or too tight	Brake cable adjustment needed.	Adjust brake cable tension at the lever or caliper. If unsure, seek professional assistance.

5. Specifications

Key technical specifications for your ANCHEER Folding Electric Bike.

Bike Type: Electric Bike

Model Name: StreetRider

Brand: ANCHEER

Color: Black Folding Ebike

Wheel Size: 14 Inches

Frame Material: Aluminum

Suspension Type: Dual (Front, Rear, and Seat Springs)

Motor Wattage: 500W Max

Battery: 48V 7.8Ah (374.4 Watt Hours)

Max Speed: 20 MPH

Range: 20-50 Miles (depending on riding conditions and mode)

Item Weight: 48.5 Pounds

Maximum Weight Recommendation: 265 Pounds

Minimum User Height: 4.5 Feet

Brake Style: Disc

Special Feature: Foldable

Certifications: UL 2849 Certified



Figure 5.1: Key dimensions and weight specifications for the ANCHEER Folding Electric Bike.

6. Warranty and Support

ANCHEER is committed to providing reliable products and excellent customer service.

6.1 Warranty Information

Your ANCHEER Folding Electric Bike comes with a 1-year limited warranty on the battery and motor. Please retain your proof of purchase for warranty claims.

6.2 Customer Support

For any questions, concerns, or assistance with installation, maintenance, or other aspects of your e-bike, please contact our professional after-sales service team:

Phone Support: +1 626 688 9296 (Monday-Friday, 9:00-12:00 AM PST / 14:00-18:00 PM PST)

Email Support: Refer to the QR code in the product packaging or contact through the official ANCHEER website.

Online Chat: https://m.me/AncheerOfficial

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