Srutueo S810

Srutueo 6PIN S810 E-Bike Meter LED Display User Manual

Model: S810

1. INTRODUCTION

Thank you for choosing the Srutueo S810 E-Bike Meter LED Display. This manual provides essential information for the proper installation, operation, and maintenance of your new e-bike display. Please read this manual thoroughly before use to ensure optimal performance and safety.

2. SAFETY INFORMATION

- Always ensure your e-bike is powered off before connecting or disconnecting the display.

- Do not attempt to open or modify the display unit. Unauthorized modifications can void the warranty and cause damage.

- Keep the display away from extreme temperatures, direct sunlight for prolonged periods, and corrosive substances.

- The display is IP65 rated for water and dust resistance, but avoid submerging it in water.

- Ensure all connections are secure to prevent accidental disconnections during operation.

3. PRODUCT OVERVIEW

3.1 Package Contents

- 1 x Srutueo S810 E-Bike Meter LED Display

3.2 Display Features

The S810 LED display provides essential information and controls for your electric bicycle.

Image: Front view of the Srutueo S810 E-Bike Meter LED Display, showing the ON/OFF, LIGHT, and MODE buttons, power indicator LEDs, assist level LEDs (LOW, MED, HIGH), and the 6-pin UART connector detail in the upper right corner.

- **ON/OFF Button:** Powers the e-bike system on or off.

- **LIGHT Button:** Controls the e-bike's headlight (if connected and supported by the controller).

- **MODE Button:** Cycles through assist levels (LOW, MED, HIGH).

- **Power Indicator LEDs:** Four red LEDs indicate the current battery charge level.

- **Assist Level LEDs:** Three LEDs (LOW, MED, HIGH) indicate the selected pedal assist level.

- **6PIN UART Connector:** Standard connector for communication with the e-bike controller.

4. SETUP AND INSTALLATION

4.1 Mounting the Display

- Choose a suitable location on your e-bike handlebars that allows for easy visibility and access to buttons without obstructing your view or controls.

- Securely attach the display bracket (not included, typically part of the e-bike's existing setup) to the handlebars.

- Slide the S810 display onto the bracket until it clicks into place.

4.2 Connecting the Display

Image: Front view of the Srutueo S810 E-Bike Meter LED Display, highlighting the green 6-pin UART connector at the bottom right.

- Locate the corresponding 6-pin UART connector on your e-bike's controller wiring harness.
- Align the pins carefully and firmly push the display's connector into the controller's connector until it is fully seated.
- Ensure the connection is secure and waterproof.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on the e-bike system, press and hold the **ON/OFF** button for approximately 2 seconds. The display LEDs will illuminate.
- To power off the e-bike system, press and hold the **ON/OFF** button again for approximately 2 seconds. The display LEDs will turn off.

5.2 Changing Assist Levels

- Press the **MODE** button repeatedly to cycle through the pedal assist levels: LOW, MED, HIGH.

- The corresponding LED (LOW, MED, or HIGH) will illuminate to indicate the currently selected assist level.

5.3 Activating Headlight

- If your e-bike is equipped with a headlight connected to the controller, press the **LIGHT** button to turn the headlight on or off.

5.4 Battery Level Indicator

- The four red LEDs under 'POWER' indicate the remaining battery charge.

- Four LEDs lit: Full charge.

- One LED lit: Low charge, recharge battery soon.

6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to wipe the display surface. Do not use abrasive cleaners or solvents.

- **Storage:** When not in use for extended periods, store the e-bike and display in a cool, dry place, away from direct sunlight.

- **Inspection:** Periodically check the connector for any signs of wear or damage. Ensure it remains securely connected.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display does not power on.	Loose connection, low e-bike battery, faulty display/controller.	Check all connections. Ensure e-bike battery is charged. If problem persists, consult a qualified technician.
Assist levels do not change.	Faulty MODE button, communication issue with controller.	Ensure the MODE button is functioning. Check display-to-controller connection.
Headlight does not turn on.	Headlight not connected, faulty headlight, controller not supporting headlight function via display.	Verify headlight connection and functionality. Confirm controller compatibility.
Battery indicator is inaccurate.	Battery issue, communication issue.	Check e-bike battery health. Ensure secure connection.

8. SPECIFICATIONS

Feature	Specification

Feature	Specification
Model	S810
Voltage	36V (compatible with 36V e-bike systems)
Connector Type	6PIN UART
Material	Acrylonitrile Butadiene Styrene (ABS)
Ingress Protection (IP) Rating	IP65 (Dust tight and protected against low-pressure water jets)
Color	Black
Dimensions	Approx. 4.33 x 3.94 x 3.15 inches (Package Dimensions)
Weight	Approx. 3.03 ounces (Package Weight)

9. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For specific warranty details, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support, troubleshooting assistance beyond this manual, or replacement parts, please contact Srutueo customer service through your purchase platform or the official brand channels.