

Qinlorgo Qinlorgop7wi8z9gnt1900

Electric Bike LCD Display S866 User Manual

Model: Qinlorgop7wi8z9gnt1900 | Brand: Qinlorgo

1. INTRODUCTION

Thank you for choosing the Qinlorgo S866 LCD Display for your electric bike. This manual provides detailed instructions for the installation, operation, and maintenance of your new display. Please read this manual thoroughly before use to ensure proper function and longevity of the product.



Figure 1: Front view of the S866 LCD Display, showing the screen and control buttons.

2. SPECIFICATIONS

Table 1: S866 LCD Display Technical Specifications

Feature	Description
Item Type	S866 LCD Display

Feature	Description
Material	High-quality ABS
Color	Black
Waterproof Grade	IP65
Communication Protocol	UART
Matching Voltage	24V, 36V, 48V
Weight	Approx. 138g (4.9oz)
Bracket Diameter	Approx. 22.2mm (0.9in)
Plug Type	SM Plug (Ordinary Plug)
Display Type	LCD
Sensor Type	Speed Sensor
Connectivity	Wired
Human Interface Input	Buttons



Figure 2: S866 LCD Display showing approximate dimensions for installation reference.

3. SETUP AND INSTALLATION

Before installation, ensure your electric bike's communication protocol is compatible with the S866 LCD Display (UART protocol). Installation is straightforward and requires minimal tools.

3.1 Package Contents

- 1 x S866 LCD Display
- 1 x User Manual (this document)

3.2 Installation Steps

1. **Mounting the Display:** Locate a suitable position on your electric bike's handlebar. The S866 LCD Display comes with a bracket designed for 22.2mm (0.9in) handlebars. Loosen the bracket screw, position the display, and tighten the screw securely.



Figure 3: S866 LCD Display mounted on an electric bike handlebar.

2. **Connecting the SM Plug:** Identify the SM plug on the display's cable. Connect this plug to the corresponding SM port on your electric bike's controller or wiring harness. Ensure the connection is firm and secure to prevent disconnections during riding.

ordinary plug
LCD S866 display instrument



Figure 4: Close-up view of the SM plug for connection.

3. **Cable Management:** Route the display cable neatly along your bike frame, securing it with cable ties if necessary, to prevent it from interfering with moving parts or getting damaged.
4. **Initial Check:** After installation, turn on your electric bike's power. The S866 LCD Display should power on and show initial readings.

4. OPERATING INSTRUCTIONS

The S866 LCD Display provides essential information about your ride and electric bike status. Familiarize yourself with the display layout and button functions.

4.1 Display Layout

The LCD screen intuitively displays various parameters:

- **Speed:** Current riding speed (km/h or mph).
- **Battery Level:** Indication of remaining battery charge.
- **Assist Level:** Current pedal assist level (e.g., 1-5).
- **Trip Distance:** Distance covered during the current trip.
- **Other Indicators:** May include headlight status, error codes, etc., depending on your bike's system.



Figure 5: Example of information displayed on the S866 LCD screen.

4.2 Button Functions

The S866 display features three primary buttons:

- **Power Button (⏻):**
 - Press and hold to turn the display ON/OFF.
 - Short press to cycle through display modes (e.g., Odometer, Trip Distance).
- **Plus Button (+):**
 - Short press to increase pedal assist level.
 - Used for increasing values in settings mode.
- **Minus Button (-):**
 - Short press to decrease pedal assist level.
 - Used for decreasing values in settings mode.

4.3 Backlight Function

The display features a backlight for clear visibility in low-light conditions or at night. The backlight automatically adjusts or can be manually controlled depending on the bike's system. This ensures data is always visible.

5. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your S866 LCD Display.

- **Cleaning:** Wipe the display screen and body with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the screen or casing.
- **Water Exposure:** While the display is IP65 waterproof, avoid submerging it in water or exposing it to high-pressure water jets (e.g., from a power washer).
- **Temperature:** Store and operate the display within recommended temperature ranges. Extreme temperatures can affect performance and lifespan.
- **Connections:** Periodically check the SM plug connection to ensure it remains secure and free from corrosion.
- **Impact:** Avoid dropping the display or subjecting it to strong impacts, which can cause internal damage.

6. TROUBLESHOOTING

If you encounter issues with your S866 LCD Display, refer to the following common problems and solutions:

Table 2: Common Troubleshooting Guide

Problem	Possible Cause	Solution
Display does not power on.	No power from bike battery; loose connection; incompatible communication protocol.	Ensure bike battery is charged and turned on. Check SM plug connection. Verify bike's communication protocol is UART.
Incorrect speed reading.	Speed sensor issue; incorrect wheel diameter setting (if adjustable).	Check speed sensor for damage or misalignment. Consult your bike's controller manual for wheel diameter settings.
Buttons unresponsive.	Dirt or debris under buttons; internal malfunction.	Clean around buttons. If problem persists, contact customer support.
Display shows error code.	Specific system fault.	Refer to your electric bike's main controller manual for error code definitions and solutions.

If the problem persists after attempting these solutions, please contact Qinlorgo customer support for further assistance.

7. WARRANTY AND SUPPORT

Qinlorgo products are manufactured to high quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your purchase or visit the official Qinlorgo website.

Customer Support: For assistance, please contact your retailer or the manufacturer directly. When contacting support, please have your product model number (Qinlorgop7wi8z9gnt1900) and purchase date available.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question