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yeeplant Z49C4158U17KQZD9H

Lcd-S866 Electric Bike Display User Manual

Model: Z49C4158U17KQZD9H

INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of the Lcd-S866 Electric Bike Display. This display is designed for electric bicycles, featuring compatibility with 0.9-inch handlebars and lithium battery systems. Please read this manual thoroughly before use to ensure proper function and safety.



Figure 1: Lcd-S866 Electric Bike Display unit.

SAFETY INFORMATION

- Always ensure the electric bike is powered off before installing or removing the display.

- Do not attempt to disassemble or modify the display unit. This may void the warranty and cause damage.
- Keep the display away from extreme temperatures, direct sunlight for prolonged periods, and excessive moisture.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Consult a professional if you are unsure about any installation or wiring procedures.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- 1 x Lcd-S866 Electric Bike Display Unit

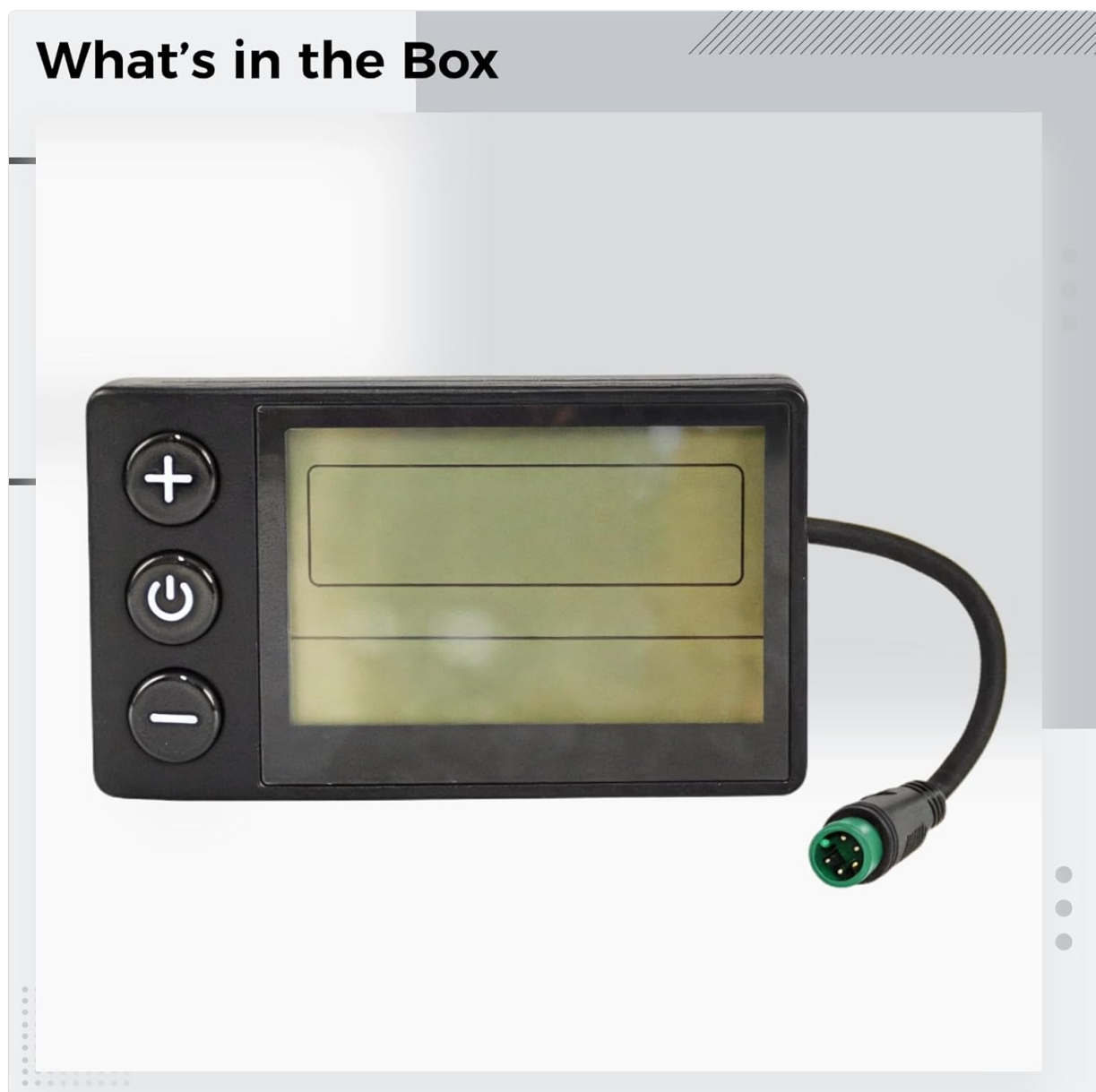


Figure 2: Contents of the Lcd-S866 Electric Bike Display package, showing the display unit with its attached cable and connector.

PRODUCT OVERVIEW

The Lcd-S866 display features a clear LCD screen and intuitive button controls for managing your electric bike's functions.

Product Details



Figure 3: Detailed view of the Lcd-S866 display, highlighting the screen, control buttons (+, power, -), and the waterproof connector.

Key Components:

- **LCD Screen:** Displays speed, battery level, assistance level, and other ride data.
- **"+" Button:** Typically used to increase assistance level or navigate menus.
- **Power Button:** Turns the display on/off and may switch display modes.
- **"-" Button:** Typically used to decrease assistance level or navigate menus.
- **Connector Cable:** For connecting the display to the electric bike's controller system.

SPECIFICATIONS

Feature	Detail
Brand Name	yeeplant
Model Number	Z49C4158U17KQZD9H
Item Package Dimensions (L x W x H)	3.54 x 2.36 x 2.36 inches
Package Weight	100 Grams
Item Dimensions (L x W x H)	3.15 x 1.89 x 1.77 inches
Handlebar Compatibility	0.9 Inch (approx. 22.2mm)
Battery Compatibility	Lithium Battery Systems
Material	Plastic



Figure 4: Dimensions of the Lcd-S866 Electric Bike Display, showing approximate measurements of 3.14 inches in length and 1.88 inches in height.

SETUP AND INSTALLATION

Follow these steps to properly install your Lcd-S866 Electric Bike Display:

1. **Power Off:** Ensure your electric bike's power is completely off before beginning installation.
2. **Mounting:** Locate a suitable position on your 0.9-inch (22.2mm) handlebar. Loosen the display's mounting clamp screws, position the display, and then securely tighten the screws. Ensure the display is firmly attached and does not rotate freely.
3. **Connecting the Cable:** Carefully connect the display's cable to the corresponding port on your electric bike's controller or wiring harness. The connector is designed to fit only one way; do not force it. Ensure the connection is snug and secure.
4. **Cable Management:** Route the cable neatly along the bike frame, securing it with cable ties if necessary, to prevent it from interfering with steering or moving parts.
5. **Initial Power On:** Once installed, power on your electric bike and check if the display illuminates and shows information.



Figure 5: Example of the Lcd-S866 Electric Bike Display mounted on a bicycle handlebar, providing context for installation.

OPERATING INSTRUCTIONS

The Lcd-S866 display provides essential information and control over your electric bike's functions.

Power On/Off:

- To turn on the display and the electric bike system, press and hold the **Power Button** (middle button) for a few seconds.
- To turn off the display and the electric bike system, press and hold the **Power Button** again for a few seconds until the screen goes blank.

Changing Assistance Levels:

- Press the **"+" Button** to increase the pedal assistance level.
- Press the **"-" Button** to decrease the pedal assistance level.
- The current assistance level will be displayed on the screen.

Display Information:

The LCD screen typically shows the following information:

- Current Speed (km/h or mph)
- Battery Charge Level Indicator
- Pedal Assistance Level (PAS)
- Trip Distance
- Total Odometer
- Error Codes (if applicable)

Note: Specific display modes and advanced settings may vary depending on the electric bike's controller. Refer to your bike's main manual for detailed programming instructions if available.

MAINTENANCE

- **Cleaning:** Wipe the display screen and body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Water Exposure:** While the display is designed to be water-resistant, avoid submerging it in water or exposing it to high-pressure water jets.
- **Connections:** Periodically check that the cable connections are secure and free from corrosion.
- **Storage:** When not in use for extended periods, store the display and bike in a dry, temperate environment.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display does not power on.	No power from battery; loose connection; faulty display.	Check bike battery charge. Ensure all cables are securely connected. If problem persists, consult a technician.
Display shows incorrect speed/distance.	Incorrect wheel circumference setting; faulty speed sensor.	Check your bike's controller settings for wheel circumference. Inspect speed sensor and magnet for proper alignment.
Buttons are unresponsive.	Dirt/debris under buttons; internal fault.	Gently clean around buttons. If unresponsive, the unit may require service.
Display shows an error code.	Specific system fault (e.g., motor, controller, battery).	Refer to your electric bike's main manual for error code definitions and troubleshooting steps.

WARRANTY AND SUPPORT

This product is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact the seller directly. For technical support or service inquiries, please reach out to the product's brand, yeeplant, or your point of purchase.

Contact Information:

- Brand: yeeplant
- For support, please refer to the contact details provided by your retailer or the official yeeplant website.