NULKOMMA S.WIDOM

NULKOMMA S.WIDOM 36V Electric Bike LCD Display Meter Instruction Manual

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your NULKOMMA S.WIDOM 36V Electric Bike LCD Display Meter. This display is designed to provide critical ride data and control for your e-bike system.

Important Note: This is a customized product. To ensure compatibility with your specific e-bike, NULKOMMA will contact you after your order is placed. Please monitor your messages and respond promptly to facilitate a correct match for your bike's system.

The S.WIDOM LCD display is constructed from durable ABS material, offering a lightweight and robust solution for your e-bike. It features a 22.2mm installation diameter for handlebars and connects via a waterproof 6-pin male connector.

2. Specifications

Feature	Specification
Brand	NULKOMMA
Model Name	S.WIDOM
Voltage	36V
Color	Black
Material Type	ABS
Handlebar Size for Holding	Ø22.2mm
Plug Type	6 Pin Male Connector
Item Weight	75 Grams
Display Type	LCD

Feature	Specification
Human Interface Input	Buttons
Mounting Type	Handlebar Mount

3. Setup and Installation

Follow these steps to properly install your S.WIDOM LCD Display Meter on your electric bike.

1. **Prepare the Handlebar:** Ensure the handlebar area where you intend to mount the display is clean and free from obstructions. The display is designed for handlebars with a diameter of 22.2mm.
2. **Mount the Display:** Position the display's integrated mounting bracket on your handlebar. Use the provided screws or clamps to secure the display firmly. Do not overtighten, but ensure it is stable and does not rotate freely.



Figure 3.1: Side view of the NULKOMMA S.WIDOM LCD display, illustrating the integrated handlebar mounting bracket and the cable connection point.

3. **Connect the Cable:** Locate the 6-pin male connector on the display's cable. Carefully align and connect it to the corresponding female connector on your e-bike's wiring harness. Ensure the connection is secure and fully seated to maintain its waterproof integrity.



Figure 3.2: Front view of the NULKOMMA S.WIDOM LCD display unit, highlighting the screen, control buttons (S+, S-, Power), and the attached 6-pin male connector cable.

4. **Cable Management:** Route the cable neatly along your handlebar and frame, securing it with cable ties if necessary, to prevent it from interfering with steering or other bike components.
5. **Final Check:** Before riding, ensure all connections are secure and the display is firmly mounted.

4. Operating Instructions

The S.WIDOM LCD Display Meter provides intuitive control and information for your e-bike. Familiarize yourself with the buttons and display functions.

4.1. Button Functions

- **Power Button (Central 'C' or 'Power' symbol):**
  - Press and hold to turn the display ON or OFF.
  - A short press may cycle through different display modes (e.g., Odometer, Trip Distance, Max Speed, Average Speed).
- **'S+' Button:**
  - Increases the pedal assist level (PAS).
  - Navigates upwards in menu settings.
- **'S-' Button:**
  - Decreases the pedal assist level (PAS).
  - Navigates downwards in menu settings.

4.2. Display Information

The LCD screen typically shows the following information:

- **Current Speed:** Displays your real-time riding speed.
- **Battery Level:** Indicates the remaining battery charge.
- **Pedal Assist Level (PAS):** Shows the current level of motor assistance.
- **Odometer (ODO):** Total distance traveled by the e-bike.
- **Trip Distance (TRIP):** Distance covered during the current ride.
- **Error Codes:** May display codes if a system fault is detected.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your LCD display meter.

- **Cleaning:** Use a soft, damp cloth to wipe the display screen and body. Avoid abrasive cleaners, solvents, or excessive water, as these can damage the screen or internal components.
- **Connection Check:** Periodically inspect the 6-pin connector for any signs of corrosion, damage, or loose connections. Ensure it remains securely plugged in.
- **Storage:** When not in use for extended periods, store the e-bike and display in a dry, temperate environment, away from direct sunlight and extreme temperatures.
- **Impact Protection:** While the display is durable, avoid dropping it or subjecting it to strong impacts, which can cause internal damage.

6. Troubleshooting

If you encounter issues with your S.WIDOM LCD Display Meter, refer to the following common troubleshooting steps:

- **Display Not Turning On:**
  - Ensure the e-bike's battery is charged and turned on.
  - Check the 6-pin connector to ensure it is fully and securely plugged in.
  - Press and hold the power button on the display for a few seconds.
- **Incorrect Speed/Distance Readings:**
  - Verify that the wheel speed sensor (if external) is correctly installed and aligned.
  - Check for any loose wiring between the display and the motor/controller.
- **Buttons Not Responding:**
  - Ensure the display is powered on.
  - Gently clean around the buttons to remove any dirt or debris that might be obstructing them.
- **Display Shows Error Code:**
  - Refer to your e-bike's main controller manual for specific error code interpretations.
  - Often, error codes indicate issues with the motor, battery, or controller. A simple power cycle (turn off and on) might resolve temporary glitches.

If problems persist after attempting these steps, please contact NULKOMMA customer support for further assistance.

7. Warranty and Support

7.1. Warranty Information

The NULKOMMA S.WIDOM Electric Bike LCD Display Meter comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage resulting from misuse, accidents, unauthorized modifications, or improper installation.

7.2. Customer Support

For technical support, warranty claims, or any questions regarding your NULKOMMA product, please contact NULKOMMA customer service. You can find more information and contact details by visiting the official NULKOMMA store on Amazon:

Visit the NULKOMMA Store on Amazon

NULKOMMA is dedicated to providing high-quality e-bike systems and components, and their team is available to assist you with your product needs.

Ask a question about this manual

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.

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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