

[Manuals.plus](#) /

› [NULKOMMA](#) /

› NULKOMMA KM5S-LCD Electric Bicycle LCD Display Meter User Manual

NULKOMMA KM5S-LCD

NULKOMMA KM5S-LCD Electric Bicycle LCD Display Meter User Manual

Model: KM5S-LCD

1. PRODUCT OVERVIEW

The NULKOMMA KM5S-LCD is a waterproof LCD display meter designed for electric bicycles and scooters. It operates on 36V or 48V systems and features a 5-pin waterproof connector for reliable performance in various weather conditions. This display serves as a central control panel, providing essential information for your e-bike system.



Image 1.1: Front view of the KM5S-LCD display, showing the 'M', '+', and '-' buttons on the left side and the screen on the right.



Image 1.2: The KM5S-LCD display screen illuminated, showing digital speed (8.3), ECO mode, PAS level 1, and battery charge level indicators.

The display is constructed from premium ABS+LCD materials, ensuring durability and resistance to wear. Its waterproof design allows for use in rainy conditions without concern for damage. It is an ideal replacement or upgrade for existing electric bike and scooter display panels.



ELECTRIC BIKE LCD METER



Plastic shell, fine workmanship, good toughness and waterproof performance. Provide better protection for internal circuits and make them more durable.

Image 1.3: The KM5S-LCD display mounted on an electric bike, emphasizing its plastic shell, fine workmanship, good toughness, and waterproof performance for better protection of internal circuits.

2. SPECIFICATIONS

Feature	Detail
Model	KM5S-LCD
Material	ABS + LCD
Voltage Compatibility	36V, 48V
Interface	Waterproof 5-pin male connector
Handlebar Mounting Diameter	22.2mm (0.87in)
Product Weight	Approximately 94 grams (3.32 ounces)
Color	Black

Display Type	LCD
Human Interface Input	Buttons



Image 2.1: Technical diagram illustrating the dimensions of the KM5S-LCD display (89mm length, 50mm height), the 5-pin male connector, and the 22.2mm handlebar mounting diameter.

3. INSTALLATION INSTRUCTIONS

Follow these steps to properly install your NULKOMMA KM5S-LCD display on your electric bicycle or scooter:

1. **Mounting the Display:** Fix the LCD display unit and its control buttons onto the handlebar of your electric vehicle. Ensure the handlebar diameter is 22.2mm (0.87in) for a secure fit. Adjust the display to an appropriate viewing angle for optimal visibility during operation.
2. **Connecting the Cable:** With the vehicle's power turned off, connect the 5-pin waterproof male connector from the display to the corresponding connector on your e-bike's controller. Ensure the connection is firm and secure to prevent accidental disconnection.

3. **Power On:** Once the display is securely mounted and connected, turn on the power to your electric vehicle. The display and the vehicle should now enter normal operating status.



Image 3.1: Side view of the KM5S-LCD display, highlighting the integrated handlebar mounting bracket and the 5-pin connector cable.



Durable wire and connector Always have a good connection

Image 3.2: The KM5S-LCD display installed on an electric bicycle handlebar, demonstrating the durable wire and secure connector for a reliable connection.

4. OPERATING INSTRUCTIONS

The KM5S-LCD display provides essential information and control for your e-bike. Familiarize yourself with the buttons and display functions:

- **Power On/Off:** Typically, the display powers on automatically with the e-bike's main power. Consult your e-bike's main controller manual for specific power-on procedures.
- **"M" Button (Mode/Function):** This button is generally used to cycle through different display modes or functions, such as total distance (ODO), trip distance (TRIP), maximum speed, average speed, and battery voltage. Pressing and holding this button may also activate certain settings or reset trip data.
- **"+" Button (Increase/Up):** Used to increase values, such as pedal assist system (PAS) levels, or navigate upwards through menu options.
- **"-" Button (Decrease/Down):** Used to decrease values, such as PAS levels, or navigate downwards through menu options.
- **Display Information:** The LCD screen typically shows:

- Current Speed
- Battery Level Indicator
- Pedal Assist System (PAS) Level
- Mode (e.g., ECO, STANDARD, POWER)
- Headlight Indicator (if connected)
- Error Codes (if any)

Note: Specific functions and button combinations may vary slightly depending on your e-bike's controller and firmware version. Refer to your e-bike's main manual for detailed operational procedures.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your KM5S-LCD display:

- **Cleaning:** Use a soft, damp cloth to wipe the display screen and casing. Avoid abrasive cleaners, solvents, or harsh chemicals that could damage the LCD or plastic components.
- **Water Resistance:** The display is waterproof, but avoid submerging it in water or directing high-pressure water jets directly at it. Ensure the 5-pin connector is always securely attached to maintain its waterproof seal.
- **Storage:** When not in use for extended periods, store the e-bike and display in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically check the display cable and connector for any signs of wear, damage, or corrosion. Ensure the connection remains tight.

6. TROUBLESHOOTING

If you encounter issues with your KM5S-LCD display, consider the following troubleshooting steps:

- **Display Not Turning On:**
 - Ensure your e-bike's main power is switched on.
 - Check the 5-pin connector for a secure and proper connection to the controller.
 - Inspect the cable for any visible damage or cuts.
 - Verify that your e-bike's battery is charged and functioning correctly.
- **Incorrect Readings (Speed, Distance):**
 - This issue is often related to the speed sensor or wheel circumference settings in your e-bike's controller. Consult your e-bike's main manual for instructions on calibrating these settings.
- **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.
 - If the issue persists, there might be an internal fault, and professional assistance may be required.
- **Water Ingress:**
 - Although waterproof, if water appears inside the display, immediately power off the e-bike and disconnect the display. Allow it to dry completely in a warm, dry environment. If functionality is not restored, contact support.

If these steps do not resolve the issue, please contact customer support for further assistance.

7. WARRANTY AND SUPPORT

The NULKOMMA KM5S-LCD display comes with a **1-year manufacturer's warranty**.

For any questions or assistance regarding your product, please contact NULKOMMA customer support directly. We aim to respond within 12-24 hours to help resolve any problems you may encounter.

Note: As this is a customized model, NULKOMMA may contact you after your order to ensure compatibility with your bike. Please respond promptly to any messages from the seller.

© 2023 NULKOMMA. All rights reserved.

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.

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