

Kqcibz G51

Kqcibz G51 LCD Display for Electric Bikes and Scooters Instruction Manual

Model: G51 | Brand: Kqcibz

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Kqcibz G51 LCD Display. This display is designed for use with electric bicycles and scooters, offering clear data visualization and intuitive control. Please read this manual thoroughly before use to ensure proper function and safety.

2. SAFETY INFORMATION

- Always ensure the power is off before connecting or disconnecting any components.
- Avoid exposing the display to extreme temperatures or direct sunlight for prolonged periods.
- Do not attempt to disassemble or modify the display, as this may void the warranty and cause damage.
- Ensure all connections are secure and waterproof to prevent electrical issues.
- Regularly check the display and its connections for any signs of wear or damage.

3. PRODUCT OVERVIEW

The Kqcibz G51 LCD Display provides essential information and control for your electric bike or scooter. It features a clear backlit screen, intuitive buttons, and a waterproof connector for reliable performance.



Figure 3.1: Front view of the Kqcibz G51 LCD Display, showing the screen and control buttons.



Figure 3.2: Side view of the Kqcibz G51 LCD Display, illustrating the integrated handlebar mounting bracket.



Figure 3.3: Close-up of the waterproof 5-pin connector, ensuring secure and weather-resistant electrical connection.

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Video 3.1: A display mounted on a 22.2mm handlebar, demonstrating typical installation and appearance.

4. SETUP AND INSTALLATION

4.1 Mounting the Display

1. Identify a suitable location on your electric bike or scooter handlebar (typically 22.2mm diameter).
2. Loosen the screw on the display's mounting bracket.
3. Position the display on the handlebar and tighten the screw securely, ensuring the display is stable and visible.



Figure 4.1: Rear view of the display showing the mounting bracket and cable routing.

4.2 Electrical Connection

1. Locate the corresponding 5-pin waterproof connector on your electric bike/scooter's controller or wiring harness.
2. Align the pins carefully and firmly push the display's connector into the vehicle's connector until it clicks into place. Ensure a tight, secure connection to maintain waterproofing.
3. Route the cable safely, avoiding moving parts or areas where it could be pinched or damaged.

Note: This display is compatible with 24V, 36V, and 48V systems. Verify your vehicle's voltage before connection.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on the display, press and hold the **M** button for approximately 2 seconds.
- To power off the display, press and hold the **M** button again for approximately 2 seconds.

5.2 Display Functions

The G51 LCD display provides various real-time data:

G51 Smart LCD instrument

24v/36v/48v



Figure 5.1: Display interface showing speed, battery level, and pedal assist system (PAS) grades.

- **Speed Display (CUR):** Shows current speed in Km/h.
- **Battery Power (POWER):** Indicates the remaining battery charge level.
- **PAS Grades (ASSIST):** Shows the current level of pedal assist (e.g., 0-5 levels).
- **Odometer (ODO):** Displays the total distance traveled.
- **Trip Distance (TRIP):** Displays the distance traveled during the current ride.

5.3 Button Functions

- **M Button:** Power On/Off (long press), Cycle through display modes (short press).
- **+ Button:** Increase PAS level, Increase value in settings.
- **- Button:** Decrease PAS level, Decrease value in settings.

5.4 Parameter Settings (P-Settings)

To access and adjust advanced settings:

1. With the display powered on, press and hold the **+** and **-** buttons simultaneously for a few seconds to enter the P-setting menu.
2. Use the **+** and **-** buttons to navigate through the P-parameters (P01, P02, etc.).
3. Press the **M** button to select a parameter for adjustment.
4. Use the **+** and **-** buttons to change the value of the selected parameter.
5. Press the **M** button again to confirm the new value and move to the next parameter, or long press **M** to exit the settings menu.

Consult your electric bike/scooter's main controller manual for specific P-parameter definitions and recommended values. Incorrect settings can affect performance or safety.

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Video 5.1: Demonstration of basic display operation and P-setting adjustments on a similar GD01 display model.

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Video 5.2: Another demonstration of GD01 display functionality, including parameter adjustments.

6. MAINTENANCE

- **Cleaning:** Wipe the display screen and body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Connection Check:** Periodically inspect the 5-pin connector for corrosion or damage. Ensure it remains securely connected.
- **Water Resistance:** While the display is designed to be rainproof, avoid submerging it in water or using high-pressure water jets for cleaning.
- **Storage:** If storing your electric bike/scooter for an extended period, ensure the display is clean and dry.



Figure 6.1: The display shown with water splashes, illustrating its rainproof design.

7. TROUBLESHOOTING

• Display Not Turning On:

- Check if the main power of the electric bike/scooter is on.
- Verify that the 5-pin connector is securely attached and free from damage.
- Ensure the battery has sufficient charge.

• Incorrect Speed/Distance Readings:

- Check the P-settings related to wheel size and speed sensor calibration. Refer to your main controller manual.
- Ensure the speed sensor (if external) is properly installed and functioning.

• Buttons Unresponsive:

- Ensure the display is not exposed to moisture or extreme cold.

- Gently clean around the buttons to remove any debris.

- **Display Backlight Not Working:**

- Check P-settings for backlight intensity or auto-on features.

If problems persist after attempting these troubleshooting steps, please contact Kqcibz customer support or a qualified technician.

8. SPECIFICATIONS

Feature	Detail
Model	G51 (Model Number: 500408719)
Compatibility	Electric Bicycles, Electric Scooters
Voltage	24V / 36V / 48V (Auto-detection)
Connector Type	5-Pin Waterproof Connector
Material	ABS
Color	Black
Item Dimensions (LxWxH)	5.51 x 3.15 x 3.15 inches
Item Weight	105.5 Grams
Features	High temperature resistance, easy installation, clear LCD display, backlight, quick operation buttons, rainproof, sturdy.

9. WARRANTY AND SUPPORT

Kqcibz products are manufactured with quality and performance in mind. For warranty information or technical support, please refer to the product packaging or contact Kqcibz customer service directly. Keep your purchase receipt for warranty claims.

