

## LHAIQQ SEALUP 6 Pin (Model 8569)

# LHAIQQ Electric Scooter LCD Display and Throttle User Manual

Model: SEALUP 6 Pin (Model 8569)

Brand: LHAIQQ

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your LHAIQQ Electric Scooter LCD Display Meter and Throttle, specifically the SEALUP 6 Pin variant. This device is designed to provide essential information and control for electric scooters operating on 36V or 48V systems.

## 2. PRODUCT OVERVIEW

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The LHAIQQ Electric Scooter LCD Display and Throttle integrates a clear LCD screen, power switch, and throttle control into a single unit. It is constructed from high-quality plastic for durability and designed for universal compatibility with 36V and 48V electric scooter systems.

### 2.1 Key Features

- **LCD Display:** Provides real-time monitoring of speed, battery level, gear, and odometer readings.
- **Power Switch:** For convenient and quick control of the scooter's power.
- **Responsive Throttle:** Ensures smooth and precise acceleration control.
- **Universal Voltage:** Compatible with both 36V and 48V electric scooter systems.
- **Durable Construction:** Made from high-strength plastic for extended use.

### 2.2 Components

The unit consists of the following main components:

- LCD Display Screen
- Integrated Throttle Lever
- Power Button
- Mode Button
- Mounting Clamp
- Waterproof Connector Cable (6-Pin for this variant)



Figure 1: LHAIQQ Electric Scooter LCD Display and Throttle (SEALUP 6 Pin variant). This image shows the main unit with its display, throttle lever, power button, mode button, and the attached 6-pin waterproof connector cable.



Figure 2: Comparison of different electric scooter display models. The bottom right unit corresponds to the SEALUP model described in this manual, highlighting its distinct design and interface.

### 3. SETUP AND INSTALLATION

Installation of the LHAQQ LCD Display and Throttle is designed to be straightforward. Ensure the scooter is powered off before beginning installation.

1. **Prepare the Handlebar:** Choose a suitable position on your scooter's handlebar for mounting the display unit. Ensure it does not obstruct steering or other controls.
2. **Mount the Unit:** Loosen the screws on the mounting clamp of the display unit. Position the unit on the handlebar and securely tighten the screws. Ensure the unit is fixed firmly and reliably, without damaging the scooter's surface.
3. **Connect the Cable:** Locate the corresponding 6-pin waterproof connector on your electric scooter's wiring harness. Carefully align and connect the display unit's 6-pin cable to the scooter's harness. Ensure the connection is secure and fully seated to prevent water ingress.
4. **Cable Management:** Route the cable neatly along the handlebar and frame, securing it with cable ties if necessary, to prevent it from snagging or interfering with moving parts.
5. **Initial Power-On Test:** After installation, power on your scooter and check if the LCD display illuminates and shows readings.

*Note: This unit is compatible with 36V and 48V systems. Verify your scooter's voltage before connecting. If your scooter uses a different pin configuration, ensure you have the correct variant*

(e.g., 5-pin) or consult a professional.

## 4. OPERATING INSTRUCTIONS

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Once installed, operating the display and throttle is intuitive.

### 4.1 Power On/Off

- **To Power On:** Press and hold the **Power Button** (often marked with a power symbol ) for a few seconds until the LCD screen illuminates.
- **To Power Off:** Press and hold the **Power Button** again for a few seconds until the display turns off.

### 4.2 Using the Throttle

The throttle lever is located on the right side of the unit. Gently press the lever with your thumb to accelerate the scooter. Release the lever to reduce speed or stop. The responsiveness of the throttle allows for smooth acceleration control.

### 4.3 LCD Display Readings

The LCD screen provides the following information:

- **Speed:** Displays current speed in km/h.
- **Battery Level:** An icon or bar graph indicates the remaining battery charge.
- **Gear:** Shows the current power assist level or gear setting (e.g., "GEAR 3").
- **Odometer (ODO):** Displays the total distance traveled by the scooter.
- **Trip Distance (Optional):** Some models may show trip distance, resettable via the Mode button.

### 4.4 Mode Button Functionality

The **Mode Button** allows you to cycle through different display modes or settings. A single press typically switches between trip distance and total odometer, or adjusts other parameters depending on the scooter's controller. Consult your scooter's main manual for specific advanced settings accessible via the mode button.

## 5. MAINTENANCE

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Proper maintenance ensures the longevity and reliable operation of your LCD display and throttle unit.

- **Cleaning:** Use a soft, damp cloth to wipe the display screen and unit housing. Avoid abrasive cleaners or solvents that could damage the plastic or screen.
- **Connection Check:** Periodically inspect the waterproof connector cable for any signs of wear, damage, or loose connections. Ensure it remains securely seated.
- **Environmental Protection:** While the unit has a waterproof plug, avoid prolonged exposure to heavy rain or submerging the unit in water. Store the scooter in a dry place when not in use.
- **Physical Inspection:** Check the mounting clamp for tightness and ensure the unit is not loose on the handlebar.

## 6. TROUBLESHOOTING

If you encounter issues with your LCD display and throttle, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Display does not turn on.	<ul style="list-style-type: none"><li>Loose or disconnected power cable.</li><li>Scooter battery is depleted.</li><li>Faulty unit or scooter controller.</li></ul>	<ul style="list-style-type: none"><li>Check the 6-pin connector for a secure connection.</li><li>Charge the scooter battery.</li><li>If issues persist, contact customer support.</li></ul>
Incorrect speed or distance readings.	<ul style="list-style-type: none"><li>Incorrect wheel size setting (if adjustable).</li><li>Sensor malfunction.</li></ul>	<ul style="list-style-type: none"><li>Consult your scooter's main manual for display settings.</li><li>Contact customer support if sensor issues are suspected.</li></ul>
Throttle not responding.	<ul style="list-style-type: none"><li>Loose cable connection.</li><li>Throttle unit malfunction.</li><li>Scooter controller issue.</li></ul>	<ul style="list-style-type: none"><li>Check the 6-pin connector.</li><li>Ensure the scooter is powered on and ready to ride.</li><li>Contact customer support.</li></ul>

## 7. SPECIFICATIONS

Feature	Detail
Brand	LHAIQQ
Model	SEALUP 6 Pin (Model 8569)
Voltage Compatibility	36V / 48V (Universal)
Interface Type	6-Pin Waterproof Plug
Material	High-quality Plastic
Item Weight	50 Grams (approximately 1.76 ounces)
Package Dimensions	1.18 x 0.79 x 0.39 inches
Manufacturer	NBCCMY

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact LHAIQQ customer service directly. Ensure you have your product model (SEALUP 6 Pin, Model 8569) and purchase details available when seeking support.

For general inquiries or to find more information about LHAIQQ products, please visit the official

brand website or contact your retailer.

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