



[Manuals.plus](#) /

> [LHAIQQ](#) /

> FLJ Electric Scooter Knuckle Throttle Switch DAMAO MA01 LCD Display User Manual

LHAIQQ 8569

FLJ Electric Scooter Knuckle Throttle Switch DAMAO MA01 LCD Display User Manual

Model: 8569 | Brand: LHAIQQ

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your FLJ Electric Scooter Knuckle Throttle Switch with DAMAO MA01 LCD Display. Designed for various electric scooter systems, this unit offers precise speed control and clear monitoring of essential ride data. Please read this manual thoroughly before installation and use to ensure safe and optimal performance.



Figure 1.1: Overview of the FLJ Electric Scooter Knuckle Throttle Switch with DAMAO MA01 LCD Display.

2. SAFETY INFORMATION

- Always disconnect the scooter's power source before attempting any installation or maintenance.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Do not expose the display or throttle to excessive moisture or extreme temperatures.
- If you are unsure about any installation steps, consult a qualified technician.
- This product is designed for electric scooters. Do not attempt to use it for other applications.

3. PACKAGE CONTENTS

Please verify that all items are present and in good condition upon opening the package:

- 1 x FLJ Electric Scooter Knuckle Throttle Switch with DAMAO MA01 LCD Display (52V variant)
- Integrated wiring harness
- Mounting hardware (pre-attached clamp)

4. SETUP AND INSTALLATION

Follow these steps to properly install your throttle switch and display unit:

1. **Mounting the Unit:** Securely attach the throttle switch and display unit to your scooter's handlebar using the integrated clamp. Ensure it is positioned comfortably for easy access to the throttle and buttons.
2. **Wiring Connections:** The unit comes with a multi-pin connector. Carefully connect this to the corresponding port on your scooter's motor controller. Refer to your scooter's wiring diagram if necessary. Common wire functions include:
 - Red: Power Input (+)
 - Black: Ground (-)
 - Green: Signal Output (Throttle)
 - Blue/Yellow/White: Communication (Display Data)



Figure 4.1: Rear view showing the integrated wiring harness for connection to the scooter's controller.

3. **Power On Test:** Once all connections are secure, reconnect your scooter's main power. The display should illuminate.

5. OPERATING INSTRUCTIONS

The DAMAO MA01 LCD Display provides essential information and controls for your electric scooter.



Figure 5.1: The DAMAO MA01 LCD Display showing real-time operational data.

5.1 Display Functions

- **Speed Indicator:** Displays current speed in km/h.
- **Battery Level:** Shows the remaining battery charge with a graphical indicator.
- **Voltage Display:** Indicates the real-time voltage of the scooter's battery (e.g., 52V).
- **STAT/ZERO:** May indicate status or a zero-start mode.

5.2 Button Functions

- **POWER Button:** Press to turn the display on/off. A long press may initiate power cycle.
- **MODE Button:** Cycles through different display modes or settings. Consult your scooter's main controller manual for specific mode functionalities.

5.3 Throttle Operation

The knuckle throttle provides smooth and responsive acceleration. Gently push the lever with your thumb to increase speed. Release the lever to decelerate.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the display and throttle unit. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check all wiring connections for looseness or damage. Ensure the mounting clamp is secure.
- **Storage:** If storing the scooter for an extended period, ensure the unit is clean and stored in a dry, temperate environment.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display does not power on.	No power from scooter; loose connection; faulty unit.	Check scooter's main power switch. Verify all wiring connections are secure. If problem persists, contact support.
Throttle is unresponsive.	Loose signal wire; controller issue; faulty throttle.	Ensure the green signal wire is properly connected. Check scooter's main controller.
Incorrect speed/voltage reading.	Incorrect display settings; wiring issue.	Press the MODE button to cycle through settings. Ensure correct voltage variant (36V, 48V, 52V, 60V, 72V) is used. Recheck communication wires.

8. SPECIFICATIONS

Model Number: 8569

Compatible Voltages: 36V, 48V, 52V, 60V, 72V (This specific unit is 52V)

Display Type: LCD

Functions: Speed display, Battery level, Voltage display, Power switch, Mode switch

Package Dimensions: 1.18 x 0.79 x 0.39 inches

Item Weight: 1.76 ounces

Manufacturer: NBCCMY

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase. Do not attempt to repair the unit yourself, as this may void the warranty.



