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› [Alomejor Electric Scooter Controller Kit for MI4 - 36V 350W Motor & LCD Display Manual](#)

Alomejor MI4

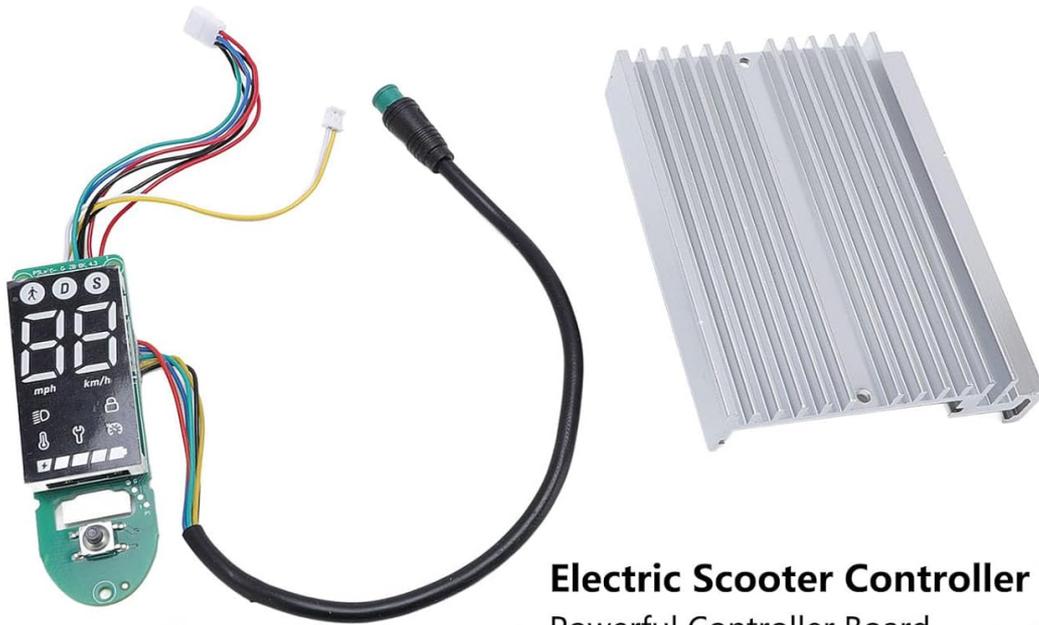
Alomejor Electric Scooter Controller Kit for MI4 - User Manual

Model: MI4 Electric Scooter Controller Kit

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Alomejor Electric Scooter Controller Kit. This kit is specifically designed for the MI4 electric scooter model, enhancing its performance with a 36V 350W motor controller and a clear LCD display dashboard.

The kit includes essential components for upgrading or replacing your scooter's control system, ensuring seamless integration and optimal functionality.



Electric Scooter Controller Kit

Powerful Controller Board
Supports 36V 350W motor
Delivers strong power for rides
Achieves speeds up to 28 km/h
Clear Dashboard Display
Shows speed, battery level, and more

Figure 1.1: Overview of the Alomejor Electric Scooter Controller Kit, including the controller board, LCD display, and heat sink, shown with electric scooters in the background.

Package Contents:

- 1 x Electric Scooter Controller
- 1 x LCD Display Dashboard

2. SAFETY INFORMATION

Before proceeding with installation or operation, please read and understand all safety instructions. Failure to follow these instructions may result in injury, damage to the product, or damage to your electric scooter.

- **Professional Installation Recommended:** If you are not familiar with electric scooter electronics, it is highly recommended to seek professional assistance for installation.
- **Power Disconnection:** Always ensure the electric scooter's power is completely off and the battery is disconnected before attempting any installation, removal, or maintenance.
- **Correct Voltage:** This kit is designed for 36V systems. Do not use it with other voltage systems.
- **Avoid Water Exposure:** Keep the controller and display away from water and moisture to prevent electrical shorts and damage.

- **Secure Connections:** Ensure all electrical connections are secure and properly insulated to prevent short circuits.

3. COMPATIBILITY AND INSTALLATION

3.1 Compatibility

This Electric Scooter Controller Kit is precisely designed for the MI4 electric scooter model. Its components ensure a perfect fit and seamless integration with your scooter's existing system, providing optimal performance and reliability.



Figure 3.1: The controller kit components, highlighting their specific design for MI4 electric scooters to ensure compatibility.

3.2 Installation Process

The installation of this electric scooter controller kit is designed to be straightforward, facilitating convenient replacements and maintenance. Follow these general steps for installation:

EASY INSTALLATION

This electric scooter controller kit features a simple installation process, making it convenient for replacements and maintenance to keep your scooter running smoothly.



Figure 3.2: The controller and dashboard components, emphasizing the ease of installation for replacement or upgrade.

1. **Prepare the Scooter:** Ensure the electric scooter is powered off and the battery is disconnected. Remove any covers or panels necessary to access the existing controller and dashboard wiring.
2. **Remove Old Components (if replacing):** Carefully disconnect all wires from the old controller and dashboard. Note the position and color of each wire for correct re-connection.
3. **Install New Controller:** Mount the new controller board in the designated compartment. Connect the motor wires, battery wires, and other accessory wires (e.g., brake, throttle) to the new controller. Refer to your scooter's specific wiring diagram if available.
4. **Install New Dashboard:** Connect the dashboard display to the controller using the provided cable. Secure the dashboard in its housing on the handlebars.
5. **Secure Wiring:** Ensure all connections are firm and wires are routed safely, away from moving parts or pinch points.
6. **Test Functionality:** Reconnect the battery and power on the scooter. Verify that the display lights up, shows correct information, and the motor responds to throttle input.
7. **Reassemble:** Once functionality is confirmed, reattach all covers and panels.

4. OPERATING INSTRUCTIONS

The LCD display dashboard provides real-time information about your scooter's status, allowing for effortless monitoring during operation.

CLEAR DISPLAY

The included dashboard provides a clear display of speed, battery level, and other essential information, enabling you to view the status of your electric scooter at all times.

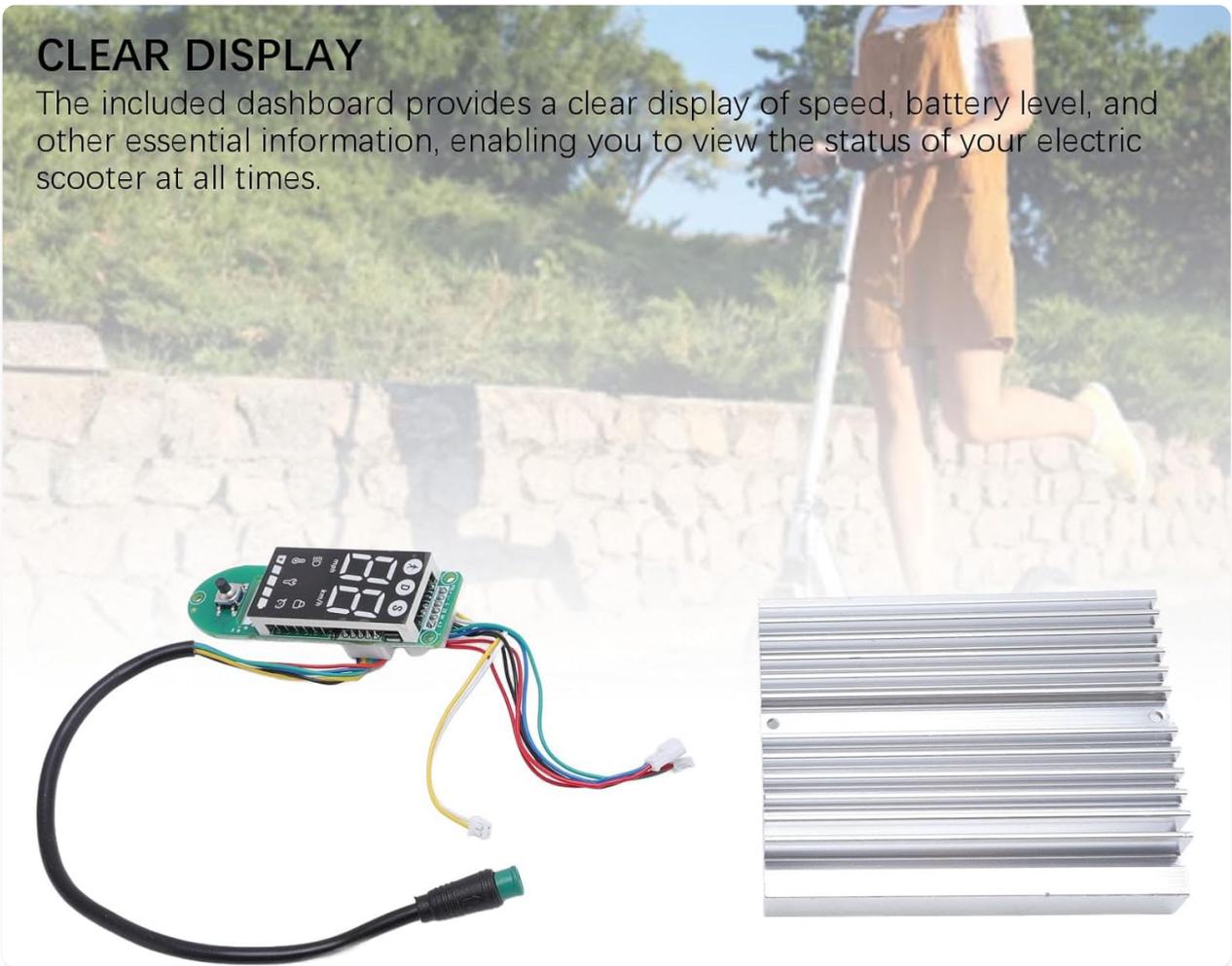


Figure 4.1: The LCD display dashboard, showing its clear interface for monitoring scooter status.

4.1 Power On/Off

- **To Power On:** Press and hold the power button on the dashboard until the display illuminates.
- **To Power Off:** Press and hold the power button again until the display turns off.

4.2 Understanding the Display

The LCD dashboard provides the following key information:

- **Speed:** Displays current riding speed (km/h or mph).
- **Battery Level:** Indicates the remaining battery charge.
- **Mode/Gear:** Shows the current riding mode or speed gear.
- **Headlight Indicator:** Illuminates when the scooter's headlights are active.
- **Bluetooth/Connectivity:** May indicate connection status if applicable.

Refer to your MI4 scooter's specific user manual for detailed explanations of all dashboard icons and functions.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your electric scooter controller kit. The components are crafted from durable aluminum alloy and PCB, designed for robust performance.

ROBUST MATERIALS

Made from excellent quality aluminum alloy and PCB, this controller kit is robust and sturdy, adding more functionality and performance to your electric scooter.

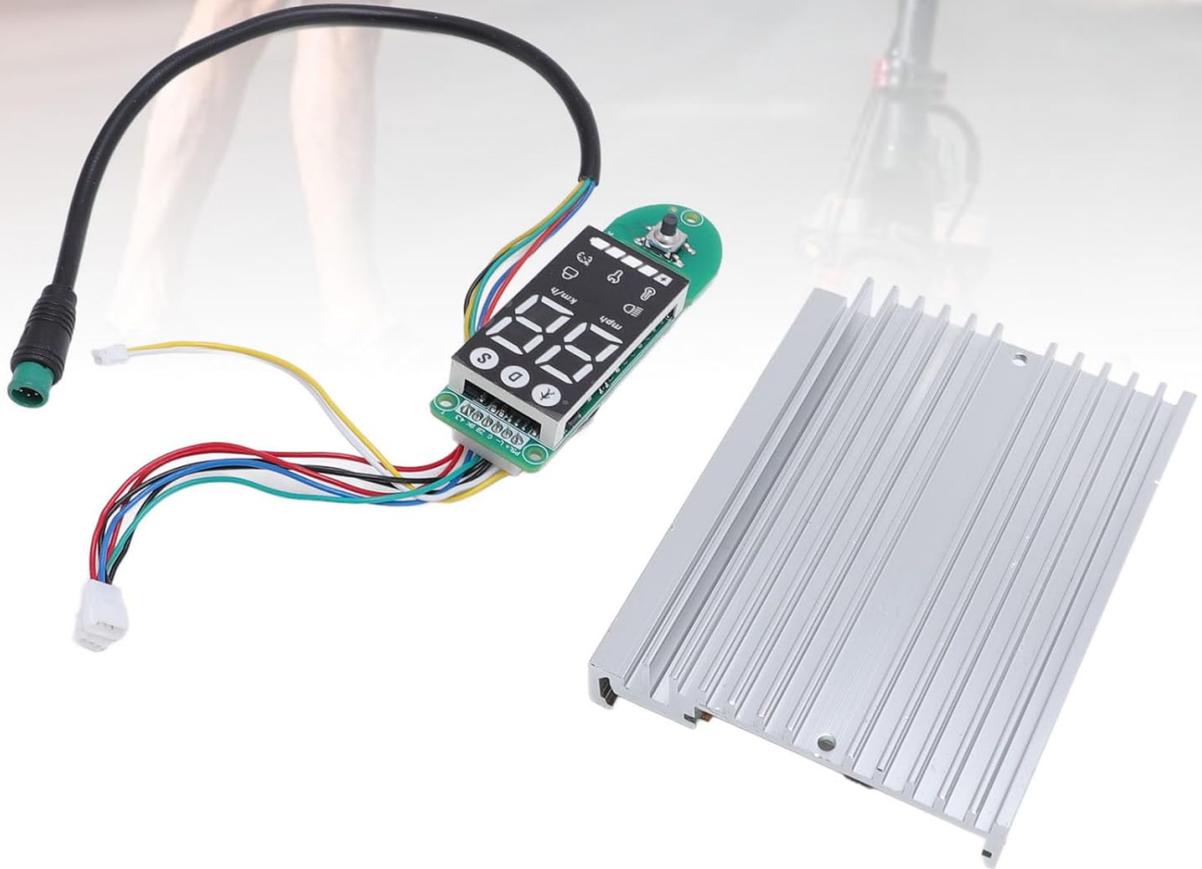


Figure 5.1: The controller and dashboard, highlighting their construction from robust aluminum alloy and PCB for enhanced durability.

- **Cleaning:** Use a soft, dry cloth to wipe down the display and controller housing. Avoid using harsh chemicals or abrasive materials.
- **Inspection:** Periodically check all wiring connections to ensure they are secure and free from corrosion or damage.
- **Environmental Protection:** Store your scooter in a dry environment, away from extreme temperatures and direct sunlight, to protect the electronic components.
- **Avoid Impact:** Protect the controller and display from physical impacts, which can damage internal components.

6. TROUBLESHOOTING

If you encounter issues with your controller kit, refer to the following common problems and solutions:

- **Display Not Turning On:**
 - Check battery connection and charge level.
 - Ensure the dashboard cable is securely connected to the controller.

- **Scooter Not Responding to Throttle:**

- Verify all motor and throttle connections to the controller.
- Check for any error codes displayed on the dashboard (refer to your scooter's manual for code meanings).

- **Inaccurate Speed/Battery Reading:**

- Ensure all sensor wires are correctly connected.
- A full power cycle (turn off, disconnect battery, reconnect, turn on) may resolve temporary glitches.

For persistent issues, contact customer support or a qualified technician.

7. SPECIFICATIONS

The Alomejor Electric Scooter Controller Kit provides robust power and reliable performance for your M14 electric scooter.

POWERFUL PERFORMANCE

This main controller board supports a 36V 350W motor, providing strong power that allows your electric scooter to up to speeds of up to 28 km/h.

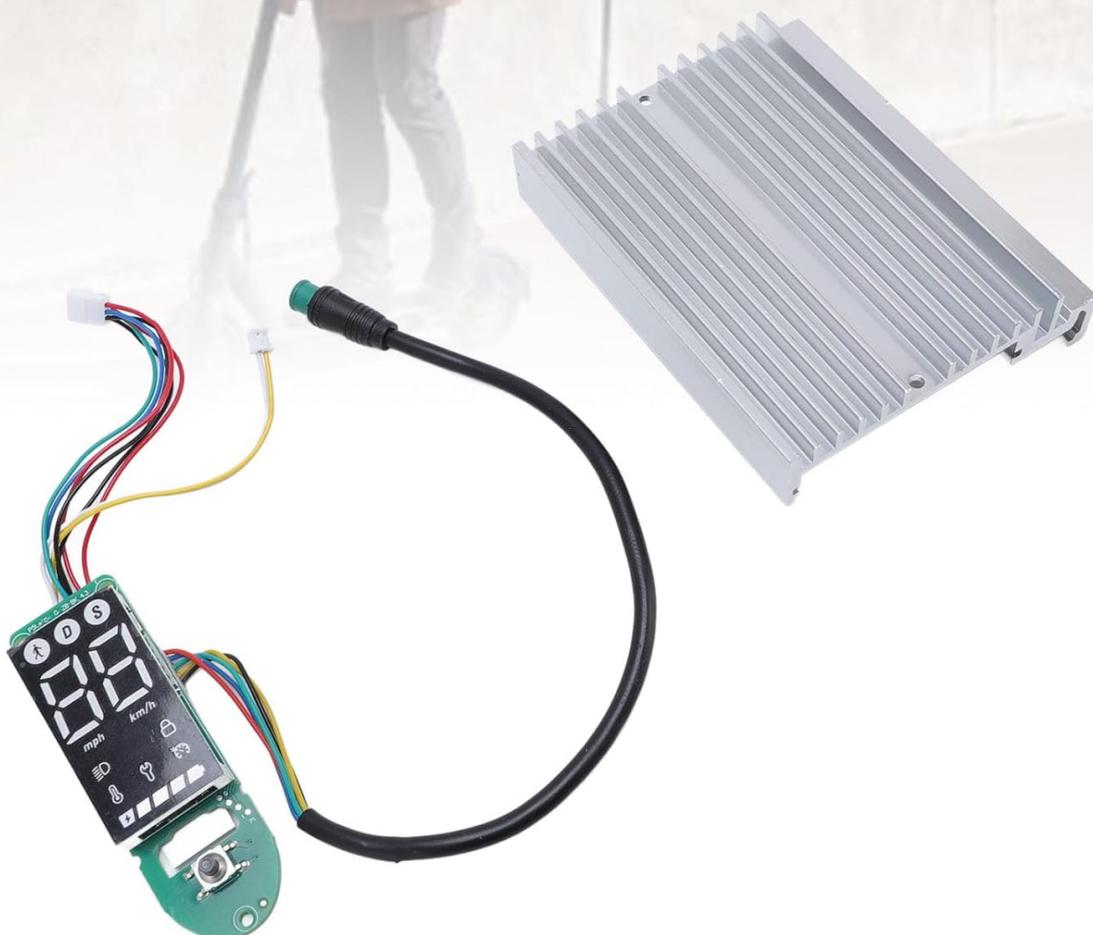


Figure 7.1: The controller kit, illustrating its capability to deliver powerful performance for electric scooters.

Feature	Specification
Item Type	Electric Scooter Dashboard and Controller
Application	For MI4 electric scooter
Motor Support	36V 350W
Maximum Speed	Up to 28 km/h
Materials	Aluminum Alloy + PCB
Package Dimensions (L x W x H)	7.09 x 5.12 x 1.57 inches
Package Weight	167 Grams
Brand	Alomejor
Model Name (Internal)	Alomejorzhy51os3n

8. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the product packaging or the seller's terms and conditions for specific warranty details and duration.

For technical support, troubleshooting assistance, or warranty claims, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.