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› SPEDWHEEL EY3 Minimotors LCD Display User Manual

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For 48V, 52V, 60V, 72V Electric Scooters (Kaabo Wolf Warrior King, Wolf X, Mantis)

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your SPEDWHEEL EY3 Minimotors LCD Display. This display is designed for use with various electric scooters, including specific Kaabo models, operating at 48V, 52V, 60V, and 72V systems. Please read this manual thoroughly before installation and use to ensure proper function and safety.

SETUP AND INSTALLATION

Package Contents

- EY3 LCD Display with waterproof plug
- Mounting base
- Screws for installation

Installation Steps

1. Carefully attach the EY3 LCD Display to your scooter's handlebar using the provided mounting base and screws. Ensure it is securely fastened and positioned for optimal visibility.
2. Connect the waterproof plug from the EY3 display to the corresponding port on your scooter's wiring harness. Ensure the connection is firm and sealed to prevent water ingress.
3. Route the cable neatly along the handlebar and frame, securing it with cable ties if necessary, to prevent interference with steering or other controls.



Image: Front view of the EY3 LCD Display, showing the waterproof connector ready for installation.

Initial Configuration (P-Value Adjustment)

Upon receiving and installing the display, it is crucial to verify and adjust the internal P-values to match your specific scooter model. Incorrect P-values can lead to the LCD not functioning normally or displaying inaccurate information. The original LCD may be preset with random initial values, requiring adjustment.

Refer to your scooter's original manual or manufacturer's specifications for the correct P-values. Below are common settings for specific Minimotors versions:

- **Wolf Warrior II Minimotors Version:** P0:11; P1:60; P2:15; P3:0; P4:0; P5:0; P6:0; P7:2; P8:100; P9:2; PA:1; PB:3; PC:5; PD:0
- **Mantis Minimotors Version:** P0:10; P1:60; P2:15; P3:0; P4:0; P5:0; P6:0; P7:2; P8:100; P9:2; PA:1; PB:3; PC:5; PD:0

If you encounter any issues or have questions regarding P-value adjustments, please contact the product support.

OPERATION

Powering On/Off

To power on the display, press and hold the **POWER** button located on the control unit. To power off, press and hold the **POWER** button again until the display shuts down.

Navigating Menus and Settings

The display features **MODE** and arrow buttons (up/down) for navigation and setting adjustments. Short presses of the **MODE** button typically cycle through different display modes (e.g., speed, odometer, trip distance). Long presses or combinations with arrow buttons may access advanced settings or P-value adjustment menus.



Image: Close-up view of the EY3 LCD Display, highlighting the POWER and MODE buttons for operation.

MAINTENANCE

To ensure the longevity and optimal performance of your EY3 LCD Display, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to gently wipe the display screen and housing. Avoid abrasive cleaners or solvents that could damage the surface.
- **Water Exposure:** While the display features a waterproof plug, avoid submerging the unit in water. Ensure all connections are secure to maintain water resistance.
- **Storage:** When not in use for extended periods, store the scooter and display in a dry, cool environment away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically check the display cable for any signs of wear, cuts, or damage. Replace if necessary to prevent electrical issues.

TROUBLESHOOTING

If you experience issues with your EY3 LCD Display, consult the following common problems and solutions:

- **Display Does Not Turn On:**

- Check all cable connections, especially the waterproof plug, to ensure they are securely seated.
- Verify that the scooter's battery has sufficient charge.
- Confirm that the internal P-values are correctly set for your scooter model (refer to the Initial Configuration section). Incorrect P-values are a common cause of non-functionality.

• **Incorrect Speed or Distance Readings:**

- This is often due to incorrect P-value settings. Recheck and adjust P-values P0, P1, and P2 according to your scooter's specifications.

• **Buttons Unresponsive:**

- Ensure the buttons are clean and free from debris.
- If the issue persists, there may be an internal fault. Contact customer support.

• **Display Flickers or Shows Garbled Text:**

- Check for loose connections.
- Ensure the scooter's electrical system is stable and not experiencing voltage fluctuations.

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

SPECIFICATIONS

Model	EY3 Minimotors LCD Display
Brand	SPEDWHEL
Compatibility	48V, 52V, 60V, 72V Electric Scooters (e.g., Kaabo Wolf Warrior King, Wolf X, Mantis)
Color	Black
Special Feature	Waterproof Plug
Item Weight	6.2 ounces
Package Dimensions	5.5 x 4 x 3 inches
UPC	744612454690

WARRANTY AND SUPPORT

For warranty information, technical support, or any product-related inquiries, please refer to the contact information provided at the point of purchase or visit the official SPEDWHEL website. It is recommended to retain your proof of purchase for warranty claims.

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.

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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.

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