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› MARALANG 160PDD Electric Scooter Instrument Display User Manual

MARALANG 500785188

User Manual

MARALANG 160PDD ADJUSTABLE ELECTRIC SCOOTER INSTRUMENT DISPLAY WITH BRAKE HANDLE

Model: 500785188

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your MARALANG 160PDD Adjustable Electric Scooter Instrument Display with Brake Handle. This device is designed to provide clear data display and integrated braking functionality for electric bikes and scooters. Please read this manual thoroughly before use to ensure safe and efficient operation.



Figure 1: Overview of the MARALANG 160PDD Instrument Display and Brake Handle.

This image shows the complete unit, including the display screen, integrated brake lever, control buttons, and the connecting cable with its various connectors.

Setup and Installation

The MARALANG 160PDD display and brake handle unit is designed for straightforward installation. Ensure your electric scooter or bike is powered off before beginning the installation process.

1. **Mounting the Unit:** Securely attach the display and brake handle assembly to the handlebars of your electric bike or scooter. Ensure it is positioned comfortably for easy access to the brake lever and clear visibility of the display.
2. **Connecting the Wiring:** Identify the corresponding connectors on your electric bike/scooter's wiring harness. Carefully connect the wires from the 160PDD unit to the appropriate ports. The unit features multiple connectors for power, signal, and brake integration. Refer to your vehicle's wiring diagram if necessary.
3. **Cable Management:** Route the cable neatly along the frame of your vehicle, securing it with cable ties if needed, to prevent interference with moving parts and to protect it from damage.

4. **Initial Power-On Test:** Once installed, power on your electric bike/scooter and verify that the display illuminates and responds to button presses. Test the brake handle functionality to ensure it properly engages the vehicle's braking system.



Figure 2: Close-up of the display, control buttons, and wiring connectors.

This image provides a detailed look at the display screen, the '+' and '-' buttons, the power button, and the various electrical connectors at the end of the cable, which are crucial for proper installation.

Operating Instructions

The 160PDD display provides clear and intuitive access to your electric vehicle's data. Its large screen and backlight ensure visibility in various lighting conditions.

- **Power On/Off:** Press and hold the power button (usually marked with a circle and vertical line) to turn the display on or off.
- **Display Information:** The LCD screen will show various operational data, such as speed, battery level, and other relevant metrics. The specific data displayed may vary based on your electric vehicle's capabilities and the display's

programming.

- **Adjusting Settings:** Use the '+' and '-' buttons to navigate through different display modes or adjust settings as supported by your vehicle's system. Refer to your electric bike/scooter's main manual for specific parameter adjustments.
- **Brake Handle:** The integrated brake handle functions as a standard brake lever for your electric vehicle. Ensure it is properly connected and calibrated for effective braking.

LCD ELECTRIC DISPLAY INSTRUMENT, THIN SHELL, CLEAR DISPLAY



Figure 3: The 160PDD display in an operational context on a bicycle handlebar.

This image illustrates how the display unit appears when mounted on a bike, emphasizing its thin shell and clear display for easy data readability during rides.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your 160PDD instrument display.

- **Cleaning:** Wipe the display screen and housing with a soft, damp cloth. Avoid using abrasive cleaners or solvents, which can damage the plastic material and screen coating.

- **Environmental Protection:** The unit is designed to be waterproof and durable, suitable for use in various weather conditions including sprinkles to moderate rain. However, avoid submerging the unit in water or exposing it to extreme temperatures for prolonged periods.
- **Cable Inspection:** Periodically inspect the connecting cables for any signs of wear, fraying, or damage. Ensure all connections remain secure.



Figure 4: Illustration of the display unit's weather resistance.

This image highlights the product's durability and ability to function in various environments, including sunny, windy, rainy, and snowy conditions, indicating its robust construction.

Troubleshooting

If you encounter issues with your 160PDD display, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Display does not power on.	No power supply; loose connection; faulty unit.	Check all cable connections. Ensure the electric vehicle's battery is charged. If issues persist, consult a qualified technician.
Display shows incorrect data.	Improper calibration; sensor issue; loose connection.	Verify all connections are secure. Consult your electric vehicle's manual for display calibration procedures.
Brake handle not responding.	Loose brake cable; sensor issue; improper installation.	Check the physical connection of the brake cable to the vehicle's braking system. Ensure the electrical connection from the handle to the vehicle is secure.

Specifications

Key specifications for the MARALANG 160PDD Adjustable Electric Scooter Instrument Display:

- **Model:** 500785188
- **Brand:** MARALANG
- **Color:** Black
- **Material:** High-quality plastic
- **Item Dimensions (LxWxH):** 9.06 x 5.51 x 1.57 inches (approx. 23 x 14 x 4 cm)
- **Item Weight:** 256 Grams (approx. 0.56 lbs)
- **Display Type:** LCD with backlight
- **Features:** Waterproof, durable, clear display, easy installation, integrated brake handle.

Warranty Information

No specific warranty information is provided with this product. Please refer to the retailer or point of purchase for details regarding any applicable warranty or return policies.

Support

For technical assistance or further inquiries, please contact the retailer or the manufacturer, MARALANG, through their official channels. Specific contact information is not provided in this manual.

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