

## DPDPD DPDPD

# QS-S4 48V-60V Thumb Throttle LCD Display Meter User Manual

Model: DPDPD QS-S4

## 1. INTRODUCTION

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Thank you for choosing the DPDPD QS-S4 48V-60V Thumb Throttle LCD Display Meter. This device is designed to provide essential control and information for your Zero 8, 9, 10, 8X, or 10X Electric Scooter. This manual will guide you through the installation, operation, and maintenance of your new display and throttle unit to ensure optimal performance and longevity.

## 2. PRODUCT OVERVIEW

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The QS-S4 unit integrates a thumb throttle for speed control and an LCD display for real-time information. It features a compact design and a 6-pin connector for easy integration with compatible electric scooters.



Figure 2.1: Front view of the QS-S4 display and thumb throttle, showing the LCD screen, power button, and mode button.



Figure 2.2: Back view of the QS-S4 unit, illustrating the integrated thumb throttle lever and the mounting bracket.



Figure 2.3: Close-up view of the 6-pin connector, which is used to connect the unit to the scooter's electrical system.

### Key Components:

- **LCD Display:** Shows speed, battery level, mode, and other relevant data.
- **Thumb Throttle:** Controls the scooter's acceleration.
- **Power Button:** Turns the unit and scooter on/off.
- **MODE Button:** Cycles through display modes or settings.
- **Mounting Bracket:** Securely attaches the unit to the scooter's handlebars.
- **6-PIN Connector:** For electrical connection to the scooter.

## 3. SETUP AND INSTALLATION

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The QS-S4 display and throttle unit is designed for straightforward installation. Please follow these steps carefully:

1. **Preparation:** Ensure your electric scooter is powered off and disconnected from any power source before beginning installation.
2. **Mounting:** Loosen the screws on the QS-S4's mounting bracket. Position the unit on your scooter's handlebars in a comfortable and accessible location. Tighten the screws firmly but do not overtighten to avoid damaging the handlebars or the unit. The unit is designed to be fixed firmly and reliably.
3. **Connection:** Locate the corresponding 6-PIN connector on your scooter's wiring harness. Carefully align and connect the QS-S4's 6-PIN cable to the scooter's connector. Ensure the connection is secure and fully seated.
4. **Cable Management:** Route the cable neatly along the handlebars and secure it with cable ties if necessary to prevent it from snagging or interfering with steering.
5. **Initial Check:** Once installed, double-check all connections and ensure the unit is securely mounted.

*Note: This unit is compatible with 48V-60V systems and specifically designed for Zero 8, 9, 10, 8X, and 10X Electric Scooters. Ensure your scooter's voltage and connector type match before installation.*

## 4. OPERATING INSTRUCTIONS

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Once installed, operating the QS-S4 is intuitive:

1. **Power On/Off:** Press and hold the **Power Button** (usually red) for a few seconds to turn the display and scooter on or off.
2. **Throttle Control:** Use the thumb throttle lever to control your scooter's speed. Push the lever forward with your thumb to accelerate. Release the lever to decelerate.
3. **Mode Selection:** Press the **MODE Button** to cycle through different display modes, which may include:
  - Current Speed
  - Total Mileage (ODO)
  - Trip Distance (TRIP)
  - Battery Voltage
  - Error Codes (if any)
4. **Settings (Advanced):** Some QS-S4 units allow access to advanced settings by pressing and holding both the Power and MODE buttons simultaneously when powered on. Refer to your scooter's specific manual or online resources for detailed parameter adjustments if available.

## 5. MAINTENANCE

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Proper maintenance ensures the longevity and reliable performance of your QS-S4 unit:

- **Cleaning:** Wipe the display and unit with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the plastic or screen.
- **Inspection:** Periodically check the mounting screws to ensure they remain tight. Inspect the cable and connector for any signs of wear, fraying, or damage.
- **Environmental Protection:** While the unit is made of high-strength material, avoid prolonged exposure to extreme weather conditions (heavy rain, direct sunlight for extended periods) to prevent potential damage.

- **Storage:** If storing the scooter for an extended period, ensure the unit is clean and dry.

## 6. TROUBLESHOOTING

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If you encounter issues with your QS-S4 display and throttle, consider the following common troubleshooting steps:

- **Display Not Turning On:**

- Ensure the 6-PIN connector is fully seated and secure.
- Check the scooter's main power supply and battery charge.
- Verify the power button is being pressed correctly and held for sufficient duration.

- **Throttle Not Responding:**

- Confirm the display is powered on.
- Check the 6-PIN connection for looseness or damage.
- Ensure there are no obstructions preventing the thumb throttle from moving freely.

- **Inaccurate Readings:**

- If speed or distance readings seem incorrect, ensure the wheel size setting (if adjustable in advanced settings) matches your scooter's wheel size.
- Minor variations in color or appearance due to manufacturing batches do not affect functionality.

- **Error Codes:**

- If an error code appears on the display, consult your scooter's main user manual or contact the scooter manufacturer for specific code definitions and solutions.

*If problems persist after following these steps, it is recommended to contact the manufacturer or a qualified technician for further assistance.*

## 7. SPECIFICATIONS

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Feature	Detail
Product Name	QS-S4 Thumb Throttle LCD Display Meter
Model Number	DPDPD
Voltage Compatibility	48V-60V
Connector Type	6-PIN
Material	Plastic (High Strength)
Color	Black
Item Weight	1.76 ounces
Package Dimensions	0.39 x 0.39 x 0.39 inches
Assembly Required	No

Feature	Detail
Number of Pieces	1
Country of Origin	China

## 8. WARRANTY AND SUPPORT

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For any product-related inquiries, technical support, or warranty claims, please contact the seller or manufacturer directly. Information regarding returns is typically available through your purchase platform. For this product, a return policy of 30 days for refund/replacement is generally offered by the seller. Please retain your proof of purchase for any warranty or support requests.