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› Electric LCD Display, 36V / 48V, Multi-Information Display, S900 Control Panel LCD Meter for Electric Modification Accessories(Protocol 2)

Dilwe S900

Dilwe S900 Electric LCD Display User Manual

Model: S900 | Brand: Dilwe

INTRODUCTION

The Dilwe S900 Electric LCD Display is a multi-functional control panel designed for electric bikes and scooters. It serves as a comprehensive trip computer, providing essential riding data and control over your electric system. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your display.

SETUP AND INSTALLATION

Follow these steps for proper installation of your S900 LCD Display.

Mounting the Display



Suitable for 22.2mm / 0.9in handlebars.
Real time recording of power consumption to ensure riding milea



The S900 display is designed to fit 22.2mm / 0.9in handlebars. Securely attach the display to your handlebar using the integrated clamp. Ensure it is positioned for optimal visibility and access to the control buttons.

Wiring Connections

New and old models are shipped randomly



New Type

Old Type

Connect the display to your electric system using the provided wiring. Refer to the Standard Connector Sequence Table for correct wire color and function matching. Ensure all connections are secure and waterproof where applicable.

Standard Connector Sequence Table

Sequence No.	Wire Colour	Functions
1	Red (VCC)	Panel Power Cord
2	Blue (K)	Controller Power Cord

Sequence No.	Wire Colour	Functions
3	Black (GND)	Panel Ground Wire
4	Green (RX)	Panel Data Receiving Wire
5	Yellow (TX)	Panel Data Sending Wire

Visual Guide to Installation

Your browser does not support the video tag.

This video demonstrates the waterproof features and general appearance of the Electric Bike LCD Display, providing a visual reference for installation and handling.

OPERATING INSTRUCTIONS

The S900 display offers various functions to enhance your electric bike or scooter experience.

- **Multi-Function Display:** The S900 functions as a trip computer, providing real-time data such as speed, distance, and time.
- **Battery Level:** Compatible with 36V and 48V systems, the intelligent power display shows true battery power and records consumption to estimate riding mileage.
- **Useful Data:** Easily view remaining power, current speed, average speed, maximum speed, clock, and total one-way distance.
- **PAS Control:** If a Pedal Assist System (PAS) is installed, this display allows you to select your desired assistance level, offering more convenient riding.

Display Overview



This image shows the main display unit and its integrated control buttons, which are used to navigate through different data screens and settings.

Data Display Example



Display many useful data, such as remaining power, current speed, average speed, maximum speed, clock, total one way distance.



A closer look at the display interface, highlighting indicators for battery level, current speed, mode selection, and PAS level.

MAINTENANCE

To ensure the longevity and optimal performance of your S900 LCD Display, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the display screen and housing. Avoid abrasive cleaners or solvents that could damage the surface.
- **Water Exposure:** While the display is designed to be waterproof, avoid prolonged submersion or high-pressure water jets directly on the unit.
- **Connection Checks:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion or damage.
- **Storage:** If storing your electric bike or scooter for an extended period, ensure the display is kept in a dry, temperate environment.

TROUBLESHOOTING

This section addresses common issues you might encounter with your S900 LCD Display.

Error 010 Displayed

If "Error 010" appears on the display, this typically indicates a communication incompatibility between the S900 display and your e-bike's controller. This display may not be universally compatible with all e-bike controllers, even if the voltage matches. Verify the communication protocol of your e-bike's controller with the S900's protocol (Protocol 2). Consult your e-bike's manufacturer or a qualified technician for compatibility information.

Display Not Powering On

- Check all wiring connections, especially the power cord (Red VCC) and ground wire (Black GND), as per the wiring diagram in the Setup section.
- Ensure your e-bike's battery is charged and providing power to the system.
- Verify the voltage of your e-bike's battery (36V or 48V) is compatible with the S900 display.

Inaccurate Speed/Distance Readings

- Ensure the wheel circumference setting on the display (if adjustable) is correctly configured for your bike's wheel size. Refer to the display's advanced settings menu.
- Check the speed sensor and its magnet for proper alignment and cleanliness.

SPECIFICATIONS

Feature	Detail
Model	S900
Voltage Compatibility	36V / 48V
Handlebar Diameter	22.2mm / 0.9in
Functions	Multi-information display, trip computer, battery level, current speed, average speed, max speed, clock, total one-way distance, PAS level control.
Weight	7 ounces (approx. 198g)
Dimensions (Package)	5.12 x 3.39 x 2.32 inches
Manufacturer	Dilwe
Country of Origin	China

WARRANTY AND SUPPORT

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

Manufacturer: Dilwe

For further assistance, you may visit the [Dilwe Store on Amazon](#).