

TKOWTB G518

Electric Bicycle Display G518 LCD Display User Manual

Brand: TKOWTB | Model: G518

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your TKOWTB G518 LCD Display. This display is designed for electric bicycles and scooters, compatible with 24V, 36V, 48V, 60V, and 72V systems, offering clear data visualization and easy control.

KEY FEATURES

- LCD display clearly shows state and data, with backlight for visibility in dim environments.
- Intuitive buttons for quick and easy operation.
- High temperature resistance, ensuring durability and safe use.
- Constructed from high-quality, rainproof, and sturdy materials.
- Suitable for a wide range of electric bicycles and scooters.

INSTALLATION GUIDE

Package Contents

- 1 x G518 LCD Display

Wiring Instructions

Follow the standard wiring sequence and color function for proper connection to your electric bicycle or scooter system.



Description: This image illustrates the standard wiring sequence and color functions for the G518 LCD display. The connections are: 1 Red (VCC) - meter power cable; 2 Blue (Kp) - power control cable of the controller; 3 Black (GND) - instrument ground cable; 4 Green (RX) - instrument data receiving line; 5 Yellow (TX) - instrument data transmission line.



Description: This image shows the connection points for the G518 display. Point 1 indicates the arrival light connection, and point 2 indicates the connection to the controller instrument wire.

Mounting the Display

Securely attach the display to your bicycle or scooter handlebars using the integrated clamp. Ensure the display is positioned for optimal visibility and easy access to the control buttons during operation.



Description: This image displays the side profile of the G518 display, highlighting the integrated mounting clamp designed for secure attachment to handlebars.

OPERATING INSTRUCTIONS

Display Overview



Description: This image provides a close-up view of the G518 LCD display, showing the screen interface with speed, battery level, and odometer readings, along with the three control buttons on the left side.

Button Functions

- **+/D Button:** Used to increase values, navigate menus, or activate specific functions such as the headlight.
- **U/M Button:** Functions as Power On/Off, Mode selection, or entering settings. Press and hold to power the display on or off. Short press to cycle through different display modes.
- **-/A Button:** Used to decrease values, navigate menus, or activate specific functions.

Basic Operation

Power On/Off: Press and hold the U/M button for a few seconds until the display turns on or off.

Changing Display Modes: Short press the U/M button to cycle through various information displays, which may include current speed, odometer, trip distance, and battery level.

Adjusting Settings: For detailed instructions on how the display interacts with controller settings and advanced functions, please refer to your electric bicycle or scooter's main controller manual, as specific functions may vary.

MAINTENANCE

To ensure the longevity and optimal performance of your G518 LCD Display, follow these maintenance guidelines:

- Keep the display screen and body clean using a soft, damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the display surface.

- Regularly check all wiring connections to ensure they are secure and free from corrosion. Loose connections can lead to intermittent operation or damage.
- While the display is designed to be rainproof, avoid prolonged exposure to heavy rain or submersion in water.
- When not in use for extended periods, store the display in a dry, cool environment away from direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display does not power on	Loose power connection; Battery low; Faulty display or controller.	Check all wiring connections, ensuring they are firmly seated. Ensure your e-bike battery is sufficiently charged. If possible, test with another display or controller to isolate the issue.
Incorrect speed/distance reading	Incorrect wheel diameter setting; Speed sensor issue.	Consult your e-bike controller manual for instructions on how to set the correct wheel diameter. Verify the speed sensor connection and ensure it is clean and unobstructed.
Display backlight not working	Backlight setting is off; Internal fault.	Check the display settings for backlight control (if available). If the issue persists, there may be an internal fault, and you should contact customer support.
Buttons unresponsive	Dirt or debris under buttons; Internal fault.	Gently clean around the buttons to remove any accumulated dirt or debris. If buttons remain unresponsive, it may indicate an internal fault, and support should be contacted.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	TKOWTB
Model	G518
Voltage Compatibility	24V / 36V / 48V / 60V / 72V
Display Type	LCD Color Screen
Color	Black
Item Weight	137 Grams
Item Dimensions (LxWxH)	5.12 x 3.15 x 3.15 inches
Manufacturer Part Number	500715028
ASIN	B0DTPQ25W
Date First Available	January 18, 2025

WARRANTY AND SUPPORT

For detailed warranty information regarding your TKOWTB G518 LCD Display, please refer to the specific warranty policy provided by your seller or retailer at the time of purchase. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.

For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact TKOWTB customer service directly through their official website or reach out to your authorized retailer. They will be able to provide the most accurate and up-to-date support.