

Sw-lcd-FBM

King-Meter SW-LCD Electric Bike Display User Manual

Model: SW-LCD-FBM

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your King-Meter SW-LCD Electric Bike Display. Designed for e-bikes, this handlebar-mounted display offers essential riding data including speed, mode selection, and Pedal Assist System (PAS) level. Please read this manual thoroughly before use to ensure proper function and longevity of your device.

PACKAGE CONTENTS

- King-Meter SW-LCD Display Unit
- Handlebar Mounting Bracket
- 5-Pin Waterproof Connector Cable

SETUP AND INSTALLATION

1. Mounting the Display

Attach the provided handlebar mounting bracket to your e-bike's handlebars. Ensure the bracket is securely fastened and positioned for optimal viewing while riding. The display unit slides into the bracket and should click into place.



Figure 1: Front view of the King-Meter SW-LCD display, showing the screen and control buttons, typically mounted on a handlebar.



Figure 2: Rear view of the King-Meter SW-LCD display, illustrating the integrated mounting bracket and the attached cable for connection to the e-bike system.

2. Connecting the Cable

Locate the 5-pin waterproof connector on your e-bike's electrical system. Align the pins of the display's connector with the

e-bike's connector and push firmly until it clicks into place. Ensure the red-ringed locking collar is securely tightened to maintain a waterproof seal. Verify compatibility with your e-bike's existing system before connecting.



Figure 3: Detailed view of the 5-pin waterproof connector, highlighting its design for secure and weather-resistant connection to an e-bike's electrical system.

OPERATING INSTRUCTIONS

Power On/Off

To power on the display, press and hold the power button (usually marked with a power symbol) for a few seconds until the screen illuminates. To power off, press and hold the same button until the display turns off.

Display Information

The LCD screen provides real-time riding data:

- **Speed:** Current riding speed (km/h or mph).
- **Mode:** Indicates the current riding mode (e.g., Eco, Standard, Sport).
- **PAS Level:** Shows the current Pedal Assist System level (e.g., 0-5), indicating the motor's assistance level.
- **Battery Level:** Displays the remaining battery charge.

Changing Modes and PAS Levels

Use the designated buttons (often '+' and '-' or mode buttons) on the display or control pad to cycle through different riding modes and adjust the PAS level. Refer to your e-bike's specific controller manual for detailed button functions if the display has external controls.

MAINTENANCE

- **Cleaning:** Wipe the display screen and housing with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the screen or casing.
- **Connector Care:** Periodically check the 5-pin connector for dirt or debris. Ensure the locking collar is always tight to maintain its IP65 waterproof rating.
- **Storage:** When not in use for extended periods, store the e-bike and display in a dry, temperate environment.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display does not power on.	Loose or disconnected power cable; low e-bike battery.	Check the 5-pin connector for a secure connection. Ensure the e-bike battery is charged.
Incorrect speed or PAS readings.	Speed sensor issue; incorrect display settings.	Inspect the speed sensor for damage or misalignment. Consult your e-bike's main controller manual for display settings.
Mounting bracket does not fit handlebars.	Incompatible handlebar diameter.	Ensure the handlebar diameter matches the bracket specifications. Some users may need to use their original bracket if compatible.

SPECIFICATIONS

Feature	Detail
Brand	Generic
Model Number	Sw-lcd-FBM

Feature	Detail
Display Type	LCD
Screen Size	3.5 inches
Native Resolution	128 x 64
Connectivity	Wired (5-pin waterproof connector)
Sensor Type	Speed Sensor, PAS (Pedal Assist Sensor)
Mounting Type	Handlebar Mount
International Protection Rating	IP65
Product Dimensions	4.5"L x 4.5"W x 3"H
Item Weight	7.04 ounces

WARRANTY INFORMATION

This King-Meter SW-LCD Electric Bike Display comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact the retailer or manufacturer where you purchased the King-Meter SW-LCD Electric Bike Display. Provide your model number (SW-LCD-FBM) and proof of purchase when seeking support.

ASK A QUESTION ABOUT THIS MANUAL

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