Pilipane Pilipaneeut9r8k702

Pilipane Electric Bike LCD Display with SM Connector User Manual

Model: Pilipaneeut9r8k702

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Pilipane Electric Bike LCD Display with SM Connector. This display is designed to provide essential riding data for electric bicycles and scooters, enhancing your riding experience with real-time information.
Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Safety Information

- Always ensure your electric bike or scooter is powered off before installing or removing the display.
- Handle the display and connectors with care to avoid damage.
- Ensure all connections are secure and waterproof (if applicable) to prevent electrical issues.
- This display operates using communication protocol No. 2. It must be used with a controller that supports the same communication protocol. Incompatibility will prevent the display from functioning correctly.
- Do not attempt to disassemble or modify the display, as this may void the warranty and cause damage.
- Keep the display clean and free from excessive moisture or extreme temperatures.

3. Package Contents

Verify that all items are present in your package:

- Pilipane Electric Bike LCD Display
- Integrated SM Connector Cable

4. Setup and Installation

Follow these steps to install your LCD display:

1. **Mounting the Display:** Locate a suitable position on your handlebar. The display is designed for a 22.2mm diameter handlebar. Use the integrated clamp to securely attach the display. Ensure it is positioned for easy viewing and access to buttons without obstructing your riding.
2. **Connecting the SM Connector:** Identify the SM connector on your electric bike or scooter's controller. Carefully align the pins and push the display's SM connector into the controller's port until it clicks securely into place.
3. **Cable Management:** Route the cable neatly along your handlebar and frame, securing it with cable ties if necessary, to prevent it from interfering with steering or other components.



Image: The Pilipane LCD display securely mounted on a bicycle handlebar, showing its compact design and ergonomic button placement.



Image: A detailed view of the SM connector, highlighting the multi-colored wires (red, blue, yellow, green, black) for proper connection to the e-bike controller.

Important Compatibility Note:
This display utilizes communication protocol No. 2. Ensure your electric bike's controller also supports communication protocol No. 2 for proper functionality. Using an incompatible controller will result in the display not working.

5. Operating Instructions

The display features three main buttons for operation:

- **Power Button (Open Key):** Press and hold to turn the display ON or OFF.
- **'+' Button (Adding Button):** Used to increase values or navigate upwards in menus.
- **'-' Button (Minus Button):** Used to decrease values or navigate downwards in menus.



Image: A clear diagram illustrating the display's functions including speed, battery level, gear, and mileage, along with the labels for the '+', Power, and '-' buttons.

6. Display Functions

The LCD display provides the following real-time information:

- **Speed Display:** Shows your current riding speed in kilometers per hour (km/h).
- **Battery Display:** Indicates the remaining battery charge level as a percentage and a graphical icon.
- **Gear Display:** Shows the current assist level or gear selected.
- **Mileage Display:** Tracks the total distance traveled in kilometers (km).

7. Maintenance

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

- **Cleaning:** Use a soft, damp cloth to wipe the display screen and body. Avoid abrasive cleaners or solvents that could damage the ABS material or screen.
- **Storage:** When not in use for extended periods, store the electric bike in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Connection Check:** Periodically check the SM connector for any signs of corrosion or loose connections. Ensure it remains securely plugged in.
- **Avoid Impact:** Protect the display from physical impacts or drops, as this can damage the internal circuits or the screen.

8. Troubleshooting

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

Problem	Possible Cause	Solution
Display does not turn on.	Loose connection, incompatible controller, no power from battery.	Check SM connector for secure fit. Verify controller uses Protocol No. 2. Ensure e-bike battery is charged and connected.
Incorrect speed or mileage readings.	Sensor issue, incorrect wheel size setting (if applicable).	Check speed sensor connection. Consult e-bike manual for display settings (if adjustable).
Buttons are unresponsive.	Dirt/debris, internal fault.	Clean around buttons. If problem persists, contact support.
Display shows error code.	Specific system fault.	Refer to your e-bike's main manual for error code definitions and troubleshooting steps.

9. Specifications

- **Brand:** Pilipane
- **Model:** Pilipaneeut9r8k702
- **Material:** High-quality ABS
- **Installation Diameter:** 22.2mm (universal compatibility)
- **Connector Type:** SM Connector
- **Communication Protocol:** No. 2
- **Functions:** Speed, Battery Level, Gear Position, Mileage
- **Approximate Dimensions (Packaging):** 12 x 10 x 9 cm
- **Approximate Weight (Packaging):** 130 g

10. Warranty and Support

Pilipane products are manufactured with attention to quality and durability. For specific warranty details, please refer to the warranty card included with your purchase or contact your retailer.
If you require technical assistance or have questions not covered in this manual, please contact your product supplier or the Pilipane customer support team through their official channels.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question