

## Mrisata T8

# Mrisata T8 Electric Bicycle LCD Display User Manual

Model: T8

## INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your Mrisata T8 Electric Bicycle LCD Display. Please read this manual thoroughly before installation and use to ensure proper function and safety. The T8 display is designed for electric bicycles, offering a colorful screen and wide voltage compatibility from 24V to 72V.

## SAFETY INFORMATION

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- Always ensure the electric bicycle's power is off before installing or disconnecting the display.
- Avoid exposing the display to extreme temperatures, direct sunlight for prolonged periods, or heavy rain.
- Do not attempt to open or modify the display unit. This may void the warranty and cause damage.
- Ensure all connections are secure and waterproof where necessary to prevent short circuits.
- Consult a qualified technician if you are unsure about any installation or wiring procedures.

## PACKAGE CONTENTS

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Verify that all items listed below are present in your package:

- 1 x Electric Cycle LCD Display (T8)
- 1 x Adapter Cable
- 2 x Washer
- 2 x Screw
- 1 x Instruction Manual (this document)



Image: The Misata T8 Electric Bicycle LCD Display shown with its remote control, connection cables, mounting rings, washers, and screws.

## SETUP AND INSTALLATION

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The Misata T8 LCD Display is designed for easy installation. Follow these steps to mount and connect the display to your electric bicycle:

- Mounting the Display:** Secure the display unit to your bicycle's handlebars using the provided mounting rings, washers, and screws. Ensure it is positioned for optimal visibility and accessibility while riding.
- Connecting the Adapter Cable:** Connect the adapter cable to the display unit.
- Connecting to the Controller:** Connect the other end of the adapter cable to your electric bicycle's controller. Ensure that the connector and wire sequence definitions match your controller's specifications to prevent incompatibility issues.
- Remote Control Installation:** Mount the remote control unit (with buttons for +/- , Power/Mode, and F) on your handlebars in a convenient location for easy access during operation.
- Power On and Initial Setup:** Once all connections are secure, power on your electric bicycle. The display should illuminate. You may need to access the display's settings menu to select the appropriate communication protocol compatible with your controller (e.g., For 2#, For 5S, For KDS,



Image: A close-up of the T8 display and its remote control, illustrating the components ready for installation on handlebars.

## OPERATING INSTRUCTIONS

The T8 LCD Display provides real-time information about your electric bicycle's performance. While specific button functions and menu navigation may vary slightly based on the controller and firmware, the general operation is as follows:

- **Power On/Off:** Press and hold the **Power/Mode (U/M)** button to turn the display on or off.
- **Mode Selection:** Short press the **Power/Mode (U/M)** button to cycle through different display modes (e.g., Odometer, Trip Distance, Max Speed, Average Speed).
- **Assist Level Adjustment:** Use the '+' and '-' buttons to adjust the pedal assist level (PAS) or other configurable parameters.
- **Headlight Control:** The '+/ED' button may also control the electric bicycle's headlights. A long press typically toggles the lights on/off.
- **Function (F) Button:** The 'F' button often accesses additional functions or settings menus. Refer to your electric bicycle's main controller manual for specific details.

The display typically shows:

- Current Speed (km/h or mph)
- Battery Level Indicator

- Battery Voltage (e.g., 48.5V)
- Ride Time
- Trip Distance
- Total Odometer
- Power Output (W)
- Temperature (e.g., 29.0C)



Image: The T8 display screen showing various metrics including speed, battery level, voltage, ride time, trip distance, power, and temperature.

## MAINTENANCE

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

- **Cleaning:** Wipe the display screen and casing with a soft, damp cloth. Do not use abrasive cleaners, solvents, or excessive water, as these can damage the screen or internal components.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion or damage.
- **Storage:** When not in use for extended periods, store the electric bicycle and display in a dry, cool place, away from direct sunlight.
- **Impact Protection:** Avoid dropping the display or subjecting it to strong impacts, which can cause internal or external damage.

## TROUBLESHOOTING

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If you encounter issues with your Misata T8 LCD Display, consider the following common troubleshooting steps:

- **Display Not Turning On:**
  - Check if the electric bicycle's main power is on.
  - Verify all cable connections between the display, controller, and battery are secure.
  - Ensure the battery has sufficient charge.
- **Incorrect Readings (Speed, Distance):**
  - Confirm that the wheel circumference setting in the display's menu (if available) is correctly

configured for your bicycle.

- Check the speed sensor connection and ensure it is properly aligned.

- **Display Shows Error Code:**

- Refer to your electric bicycle's main controller manual for a list of error codes and their meanings. The display often relays error codes from the controller.

- **Incompatibility Issues:**

- Ensure the communication protocol selected in the display settings matches your controller's protocol.
- Double-check that the voltage range of the display (24V-72V) is compatible with your electric bicycle's battery system.

If problems persist after attempting these steps, please contact the manufacturer or seller for further assistance.

## SPECIFICATIONS

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Item	Specification
Model	T8 Electric Cycle LCD Display
Material	ABS
Weight	Approx. 231g / 8.1oz
Supported DC Voltage	24V, 36V, 48V, 52V, 60V, 72V
Compatible Communication Protocols	For 2#, For 5S, For KDS, For v5.2, For JLCD, For APT 1.3, For KT
Screen Type	Colorful LCD

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the purchase documentation or contact the seller directly. Keep your proof of purchase for any warranty claims.

For further assistance, you may also visit the [product page on Amazon](#) or contact Mrisata customer service.