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› Topyond KT LCD8H Electric Bike Conversion LCD Display User Manual

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Model: KT LCD8H

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Topyond KT LCD8H Electric Bike Conversion LCD Display. Please read this manual thoroughly before use to ensure proper function and longevity of the product. This display is designed for use with KT controllers and is compatible with 24V, 36V, and 48V electric bike systems.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present:

- 1 x KT LCD8H Display Meter
- 4 x Gasket
- 1 x Mounting Bracket
- 2 x Screw
- 1 x Instruction Manual (this document)



Image: All components included in the Topyond KT LCD8H package, including the display, remote control, wiring, mounting bracket, gaskets, and screws.

SETUP AND INSTALLATION

Follow these steps to properly install the Topyond KT LCD8H display on your electric bike.

1. **Prepare Handlebar:** Ensure your handlebar has a diameter of 22.2mm (0.87 inches) for proper mounting.
2. **Mount the Bracket:** Attach the mounting bracket to your handlebar using the provided screws and gaskets. Position it for optimal viewing and accessibility.
3. **Secure the Display:** Slide the KT LCD8H display onto the mounted bracket. Ensure it is securely fastened.
4. **Connect Wiring:** Connect the 5-pin interface cable from the display to your KT controller. Ensure the connection is firm and waterproof. The display is equipped with a 1.5m/4.9ft SM 5Pin instrument adapter cable.
5. **Initial Power-Up:** After installation, power on your electric bike system to verify the display functions correctly.



Image: The Topyond KT LCD8H display and its remote control mounted on a bicycle handlebar, showing its position relative to brake levers and grips.

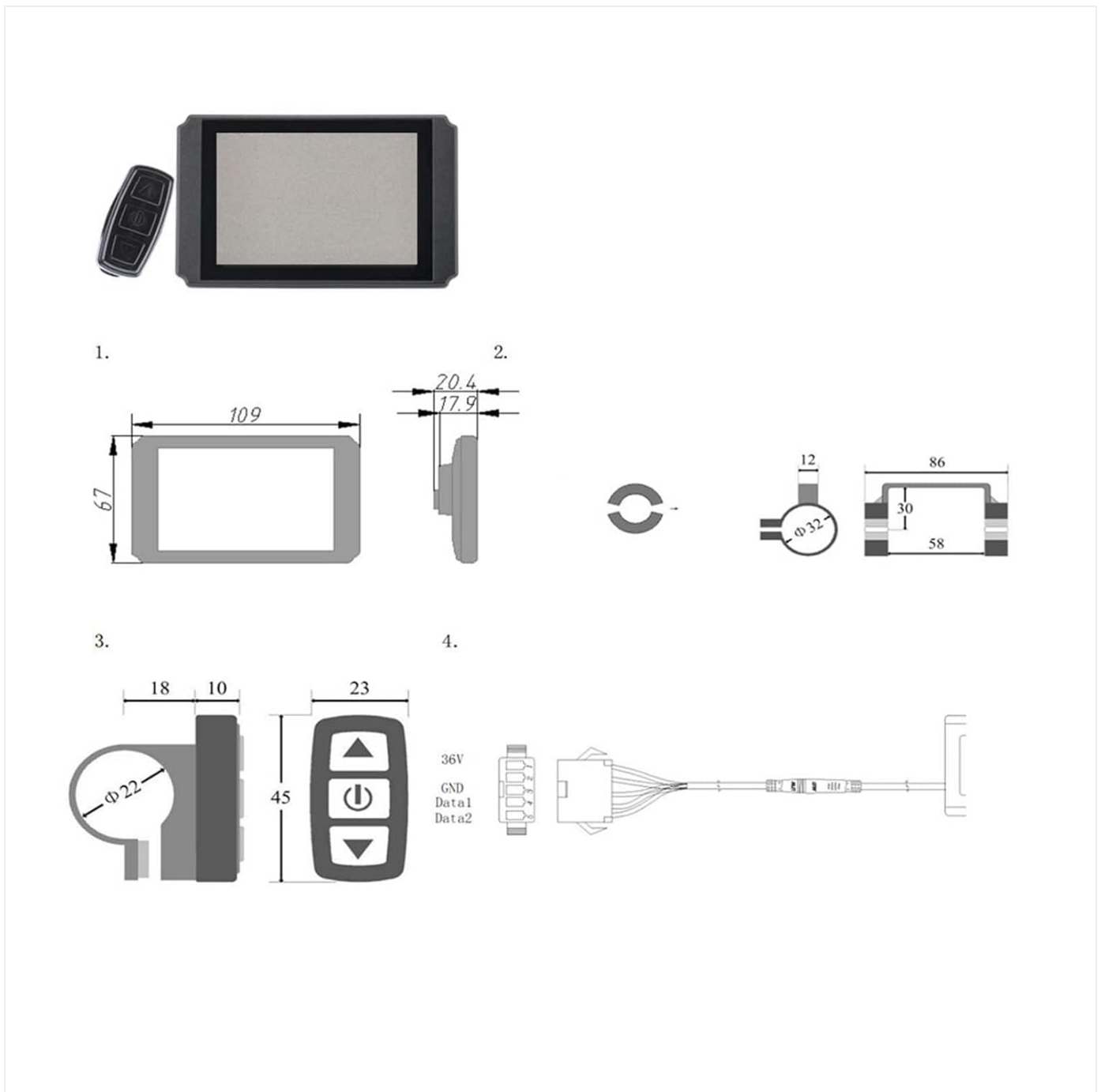


Image: Technical diagram illustrating the dimensions of the KT LCD8H display and its remote, along with the 5-pin wiring interface and handlebar mounting specifications.

Important Note: This display is specifically designed for KT controllers. Compatibility with other controller brands is not guaranteed.

OPERATING INSTRUCTIONS

The KT LCD8H display provides comprehensive information and control over your electric bike system. The colorful, high-resolution screen ensures readability in various lighting conditions.

Display Functions:

- **Riding Time:** Shows the duration of your current ride.
- **Riding Speed:** Displays current speed.
- **Riding Mileage:** Tracks the distance covered during your ride.
- **Assist Gear:** Indicates the current pedal assist level.

- **Power Indication:** Shows the remaining battery percentage.
- **Fault Word Prompt:** Provides alerts for system errors.
- **Headlight Display:** Indicates if the headlights are active.
- **Motor Running Power:** Displays the motor's current power output.
- **6km/h Power Promotion Function:** Activates a low-speed assist mode.



Image: The Topyond KT LCD8H display screen, illustrating the clear presentation of riding time, speed, mileage, assist gear, and power indicator against a scenic background.

Button Operation:

The remote control unit attached to the display allows for easy navigation and control of functions. Specific button functions may vary slightly based on your KT controller's firmware, but generally include:

- **Power Button:** Turns the display and e-bike system on/off.
- **Up/Down Buttons:** Adjusts assist levels, navigates menus, or changes display parameters.
- **Mode/Set Button:** Cycles through display modes (e.g., Odometer, Trip Distance) or enters settings menus.

MAINTENANCE

To ensure the longevity and optimal performance of your Topyond KT LCD8H display, follow these maintenance guidelines:

- **Cleaning:** Wipe the display screen and housing with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the screen or PC material.
- **Water Resistance:** The display is designed to be waterproof. However, avoid submerging it in water or exposing it to high-pressure water jets.
- **Connection Checks:** Periodically inspect 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 bike in a dry, temperate environment.

The housing is made of premium PC material, providing ruggedness and a long service life.

TROUBLESHOOTING

This section addresses common issues you might encounter with your KT LCD8H display.

| Problem | Possible Cause | Solution |
|-----------------------------------|---|--|
| Display does not power on. | No power from battery; loose connection; incompatible controller. | Check battery charge. Ensure all cables are securely connected. Verify that your controller is a KT controller. |
| Incorrect speed/mileage readings. | Incorrect wheel circumference setting; faulty speed sensor. | Consult your KT controller manual for instructions on setting wheel circumference. Check speed sensor connection and function. |
| "Fault Word Prompt" displayed. | System error detected by the controller. | Note the error code or message. Refer to your KT controller manual for specific error code interpretations and troubleshooting steps. |
| Display is dim or unreadable. | Brightness settings; extreme lighting conditions. | Adjust display brightness settings if available. The display is designed for readability in various conditions, but direct sunlight can still affect visibility. |

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact customer support.

SPECIFICATIONS

| Feature | Detail |
|-----------------------------|-----------------|
| Model | KT LCD8H |
| Material | PC |
| Suitable Handlebar Diameter | 22.2mm (0.87in) |
| Voltage Compatibility | 24V, 36V, 48V |
| Interface Type | 5-pin |

| Feature | Detail |
|---------------------------|--|
| Cable Length | 1.5m / 4.9ft (SM 5Pin adapter cable) |
| Display Functions | Riding Time, Speed, Mileage, Assist Gear, Power Indication, Fault Word Prompt, Headlight Display, Motor Running Power, 6km/h Power Promotion |
| Package Dimensions | 5.91 x 4.33 x 3.54 inches |
| Item Weight | 9.74 ounces |
| Manufacturer Model Number | Topyondzmx1e062gr |

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official Topyond website. If you require technical assistance or have questions regarding your KT LCD8H display, please contact the seller or manufacturer directly.

Manufacturer: Topyond

ASIN: B0DM67DZC3

